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Fittings • Water Well • Industrial Supplies

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Branch Locations

Minneapolis

2700 N 2nd Street
Minneapolis, MN 55411

(612) 588-7811



CEO	Joel Skagerberg
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St. Paul

285 Como Avenue
St. Paul, MN 55103

(651) 489-8831



Branch Manager	Blake Griffin
Asst. Branch Manger	Adam Ellingson
City Desk	Diego Villa
	Brandon Flesher
	Tim Becker
Customer Service . . . . . Heating	Blake Griffin
	Dan Reese
Tela Sales	Jean Faust
	Kim Marich
	Melissa Simon

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	Jacob Hegerman
	Craig Herrmann
	Nate Irish
	Timothy O'Brien
	Florence Rude

Branch Locations



Duluth

4524 Venture Circle
Duluth, MN 55811

(218) 727-6670

Branch Manager	Ed Mudgett	Customer Service	Riley Anderson
Warehouse Foreman	Matt Stone		Tom Donnellan
City Desk	Ron Anderson		Shana Mertes
	Nick Paulson		Loren Mesedahl Jr.
	Aaron Mesedahl		Loren Mesedahl
	Rick Wassenaar	Heating	Brad Fox
		Showroom	Michelle Timonen



Detroit Lakes

620 Davis Avenue
Detroit Lakes, MN 56501

(218) 847-9211

Branch Manager	Rich Johnston	Customer Service	Kelly Fingalson
City Desk	Steve Schmidt		Amanda Hasbrouck
	Jamie Schott		Kevin Johnson
	Anthony Siebels	Heating	Tony Larson



St. Cloud

726 21st Avenue NE
St. Joseph, MN 56374

(320) 259-6086

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	Justin Schneider		Joe Orcutt
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			Randy Wachman
		Showroom	Joanie Carlin

Branch Locations

Brainerd

902 Thiesse Drive
Brainerd, MN 56401

(218) 828-4242



Branch Manager	Randy Schulz	City Desk	Tim Davis
Asst. Branch Manager	Tim Davis		Jeremy Driver
Geothermal Manager	Kent Schwen		Rudy Egberts
Warehouse Foreman	Jeff Trouten		Brenda Lenk
			Chad Rateike
		Customer Service	Zach Ziegler
		Showroom	Rhonda Strand

Sioux Falls

2905 North 4th Avenue
Sioux Falls, SD 57104

(605) 332-3444



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Asst. Branch Manager	Chuck Augspurger		Ryan Schuster
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	Brandon Navarro	Showroom	Joe Bylsma
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		Hyrdronics	James Smith

Fargo

1251 North 46th Street
Fargo, ND 58102

(701) 298-3210



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Showroom	Sandra Quittschreiber		Mark Nicolai
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	Nick Salquist		Travis VanHal
	Michael Zehring	Heating Quotations	Matthew Soucek
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Branch Locations



Rochester

3347 NW 19th Street
Rochester, MN 55901

(507) 529-1284

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City Desk	Bric Barger		Todd Erickson
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	Isaac Bendix	Showroom	Shelly Shade



Eau Claire

3542 Hogarth Street
Eau Claire, WI 54703

(715) 830-1800

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Asst. Branch Manager	Matt Stone		Jamie Paape
City Desk	Andy Klevgard		Natalie Ramsdell
		Heating	Harrison Kruschke
			Mark Stern



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8820 S 117th Street
La Vista, NE 68128

(402) 331-6813

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	Jaden Haugen		
Shipping	Aaron Kruse		

Branch Locations

Wausau

2003 County Highway U
Wausau, WI 54401

(715) 675-2513



Branch Manager	Aaron Wallin	Customer Service	Ruby Thoma
Customer Service	Brandon Fisher		RJ Weaver
	Austin Goddard		Nick Butterfield
		Heating	Gary Anderle

Milwaukee

2200 East College Avenue
Cudahy, WI 53110

(262) 781-1770



Branch Manager	Chris Czaplewski	Customer Service	Mark Miller
Customer Service	Brian Lynch	Heating	Darren Haslbeck

Madison

2067 S Stoughton Road
Madison, WI 53716

(608) 663-0331



Branch Manager	Adam Bazan	Customer Service	Keith Schleif
City Desk	Jason Dornbrook		
	Beverly Ferguson		
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Green Bay

2050 South Ashland Avenue
Green Bay, WI 54304

(920) 884-9494



Branch Manager	John Joseph	Customer Service	Richard Martin
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DOORWAY TO QUALITY

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Americast®

Americast consists of porcelain on metal with a molded-on composite backing with the structural strength of cast iron. Extremely light-weight (half the weight of cast iron), Americast engineered material is easy to install and practical for structural engineers when planning multiple-unit housing facilities.



Cambridge Integral Apron Tub

- Durable Americast is lighter than cast iron, easier to handle
- Soothing 14 in. depth for soaking comfort
- Excellent heat retention qualities keeps bath water warmer longer
- StanSure slip-resistant textured tub floor surface is easy to clean
- Durable, non-porous, glossy porcelain enamel finish is scratch resistant, easy to clean and retains luster
- Formed steel center layer is strong and stable
- Americast backing insulates the tub for a quieter showering experience
- Integral apron front and integral tile flange
- Padded carrying bars and leveling grid for easy installation
- 14 in. soaking depth (2 in. more with deep soak drain)
- Recommended universal brass drain or Deep Soak drain sold separately
- 60" Length x 32" Width x 17⅜" Depth

COLOR	STOCK NO	EACH
2460.002 Left Hand Plumbing		
White	*AS2460002020*	*800.22*
2461.002 Right Hand Plumbing		
White	*AS2461002020*	*800.22*

American Standard



Princeton Integral Apron Tub

- Americast® Brand Engineered Material
- Glossy porcelain finish
- Recessed bath with integral apron and tiling flange
- Integral lumbar support
- Beveled headrest
- Full slip-resistant surface
- End drain outlet
- New integral base
- 60" Length x 30" Width x 14" Depth

COLOR	STOCK NO	EACH
2390.202 Left Hand Plumbing		
White	*AS2390202020*	*397.92*
Bone	*AS2390202021*	*673.40*
Linen	*AS2390202222*	*434.07*
2391.202 Right Hand Plumbing		
White	*AS2391202020*	*397.92*
Bone	*AS2391202021*	*673.40*
Linen	*AS2391202222*	*434.07*

(17)

Universal Tile Bead Kit

STOCK NO	EACH
AS751755100	*63.34*



Gel-Coat Soaking Tub

Unit Outside Dimension: 59.5" x 33.5" x 19.25"
Inside tub Dimension:
- Top of well: 55" x 20"
- Bottom of well: 44" x 15" in seating area

Apron Height: 18"

MODEL	STOCK NO	EACH
WR 610 Right Hand Plumbing		
White	*WR610WH*	*548.10*
WR 611 Left Hand Plumbing		
White	*WR611WH*	*548.10*



Front Fit Gel-Coat Tub/Shower

3-Piece
Tub Dimensions: 60" x 30" x 79"
Inside Tub Dimensions:
- Top of Well: 52" x 21 1/2"
- Bottom of Well: 45" x 19"

Door Opening: 56.5" x 62.25"
Apron Height: 15.5"

MODEL	STOCK NO	EACH
WR 330 FF Right Hand Plumbing		
White	*WR330FFWH*	*1377.50*
WR 331 FF Left Hand Plumbing		
White	*WR331FFWH*	*1377.50*



Gel-Coat Tub/Shower

1-Piece
Extra spacious shelving. Acrylic grab bar
Tub Dimensions: 60" x 32.5" x 76"
Inside Tub Dimensions:
- Top of Well: 53" x 22"
- Bottom of Well: 44" x 19"

Door Opening: 52" x 58.75"
Apron Height: 15.5"

COLOR	STOCK NO	EACH
WR 544 Right Hand Plumbing		
White	*WR544WH*	*867.10*
Linen	*WR544LI*	*867.10*
WR 545 Left Hand Plumbing		
White	*WR545WH*	*867.10*
Linen	*WR545LI*	*867.10*



Gel-Coat Tub/Shower

1-Piece
Acrylic grab bar
Unit Dimensions: 60" x 36" x 76.5"
Inside Tub Dimensions:
- Top of Well: 53" x 25"
- Bottom of Well: 44" x 22"

Door Opening: 51.75" x 55"
Apron Height: 20"

COLOR	STOCK NO	EACH
WR 544-D Right Hand Plumbing		
White	*WR544DWH*	*1244.10*
WR 545-D Left Hand Plumbing		
White	*WR545DWH*	*1244.10*



Front Fit Gel-Coat Remodeling Tub/Shower

3-Piece
Unit Dimensions: 60" x 33" x 75.5"
Inside Tub Dimensions:
- Top of Well: 53" x 22 1/2"
- Bottom of Well: 44" x 19"

Door Opening: 51.75" x 58.75"
Front Apron Height: 15.5"

COLOR	STOCK NO	EACH
WR 744-FF Right Hand Plumbing		
White	*WR744WH*	*1444.20*
WR 745-FF Left Hand Plumbing		
White	*WR745WH*	*1444.20*



Big, Big Ole Tub/Shower

1-Piece
Unit Dimensions: 72" x 36" x 76"
Inside Tub Dimensions:
- Top of Well: 63" x 26"
- Bottom of Well: 55" x 23.5"

Door Opening: 63.5" x 55"
Front Apron Height: 20"

COLOR	STOCK NO	EACH
WR 672-D Right Hand Plumbing		
White	*WR672DWH*	*1421.00*
WR 673-D Left Hand Plumbing		
White	*WR673DWH*	*1421.00*

ADA-Compliant Showers



ADA-Compliant Transfer Shower

Transfer shower with Inside Dimensions: 36" x 36" as measured at the centerline of the shower in accordance with ADA guidelines.
Unit Outside Dimensions: 40" x 40" x 77.5"
Inside Dimension: 36" x 36" measured at centerline of unit

COLOR	STOCK NO	EACH
WR-3636 B MN Right Seat, Center Drain		
White	*WR3636BMNRWH*	*2462.10*
WR-3636 B MN Left Seat, Center Drain		
White	*WR3636BMNLWH*	*2462.10*



ADA-Compliant Transfer Shower

Roll-in shower with an Inside Dimensions: 60" x 30" as measured at the centerline of the shower in accordance with ADA guidelines.
Unit Outside Dimensions: 64" x 33.5" x 77.5"
Inside Dimension: 60" x 30" measured at centerline of unit

COLOR	STOCK NO	EACH
WR-6030-B-MN Right Seat, Center Drain		
White	*WR6030BMNRWH*	*2694.10*
WR-6030-B-MN Left Seat, Center Drain		
White	*WR6030BMNLWH*	*2694.10*



Gel-Coat Shower
1-Piece
Extra Roomy 48″ shower
with NO seat, Twin Corner Shelves
Unit Dimensions: 48" x 36" x 81.5"
Door Opening: 45.25" x 73.25"
Inside Dam Height: 3"
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 480, Center Drain		
White	*WR480WH*	*1042.55*



Front Fit Remodeling Shower
3-Piece
Low 3″ Front outside threshold for easy step over,
Large Contoured seat, Twin Corner shelves
Unit Dimensions: 60" x 30" x 80.5"
Door Opening: 56.5" x 76"
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 530-FF Left Seat, Right Drain		
White	*WR530FFWH*	*1377.50*
WR 531-FF Right Seat, Left Drain		
White	*WR531FFWH*	*1377.50*



Front Fit Remodeling Shower
3-Piece
Low 3″ Front outside threshold for easy step over,
2 sets of Twin Corner shelves
Unit Dimensions: 60" x 34" x 81", 1.5" inside dam
Door Opening: 56.5" x 75.75"
Inside Shower Dimensions: 56.5" x 24"
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 534-FF, Center Drain		
White	*WR534FFWH*	*1616.75*



Gel-Coat Shower
1-Piece
Largest contoured seat in its class, Extra height
(79″) for comfort and safety (keeps water in
the shower and off the floor), Corner shelf for
shampoos, soaps and accessories
Unit Dimensions: 48" x 36" x 79"
Door Opening: 40" x 72.75"
Inside Shower Dimensions: 41" x 29"
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 852 Left Seat, Center Drain		
White	*WR852WH*	*864.20*
Linen	*WR852LI*	*864.20*
WR 853 Right Seat, Center Drain		
White	*WR853WH*	*864.20*
Linen	*WR853LI*	*864.20*



Front Fit Remodeling Shower
3-Piece
Largest contoured seat in its class, Elevated
corner shelf for shampoos, soaps and
accessories, Extra Height for comfort and safety
Optional WR85 dome.
Unit Dimensions: 48" x 36" x 81.5"
Inside Shower Dimensions: 41" x 29"
Door Opening: 38.5" x 73.5"
Front Threshold Height: 6"

COLOR	STOCK NO	EACH
WR 350-FF Left Seat, Center Drain		
White	*WR350WH*	*1203.50*
WR 351-FF Right Seat, Center Drain		
White	*WR351WH*	*1203.50*



Collapsible Dam & End Caps
60" long dam, End Caps sold in pairs

COLOR	STOCK NO	EACH
White Dam	*CD60*	*58.00*
White End Caps	*EC01*	*58.00*



Front-Fit Remodeling Shower
3-Piece
Built-in corner shelf and supports
for shower door. Less drain and optional dome.
Unit Dimensions: 36" x 36" x 82.5"
Door Opening: 26" x 74.75"
Inside Shower Dimensions: 30" x 30"
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 333-FF, Center Drain		
White	*WR333WH*	*1119.40*



Gel-Coat Shower
1-Piece
Unit Dimensions: 60" x 36" x 81"
Inside Shower Dimensions: 53" x 29"
Door Opening: 50.25" x 73"
Seat Height: 17"
Front Threshold Height: 6"

COLOR	STOCK NO	EACH
WR 860 Left Seat, Center Drain		
White	*WR860WH*	*994.70*
WR 861 Right Seat, Center Drain		
White	*WR861WH*	*994.70*



Front Fit Remodeling Shower
3-Piece
Unit Outside Dimension: 48" x 36" x 79"
Inside Dimension: 44" x 29"
Door Opening: 41.875" x 74"
Front Outside Threshold height: 3"
Inside dam height: 1.5"

COLOR	STOCK NO	EACH
WR 248-FF, Center Drain		
White	*WR248WH*	*1203.50*

Warm Rain Tub and Showers

warmrain.com

Warm Rain Embassy Series (15)

Above Floor Rough-In



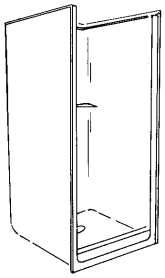
Gel-Coat Tub/Shower

Acrylic grab bar. Textured floor
Unit Dimensions: 60" x 32½" x 74"
Inside Tub Dimensions:
- Top of Well: 52½" x 23¼"
- Bottom of Well: 44" x 19"

Door Opening: 57" x 56½"
Apron Height: 15"

COLOR	STOCK NO	EACH
E 45 AFR Left Hand Plumbing		
White	*E45WHAFR*	*803.30*
Linen	*E45LIAFR*	*803.30*
E 44 AFR Right Hand Plumbing		
White	*E44WHAFR*	*803.30*
Linen	*E44LIAFR*	*803.30*

One-Piece Showers



E32 32" Gel-Coat Shower

Unit Dimensions: 32" x 32" x 81½"
Inside Shower Dimensions: 30" x 28"
Door Opening: 30" x 75"
Front Threshold Height: 5"

COLOR	STOCK NO	EACH
White	*E32WH*	*875.80*

E36 36" Gel-Coat Shower

Unit Dimensions: 36" x 36" x 79½"
Inside Shower Dimensions: 34" x 30"
Door Opening: 34" x 72¾"
Front Threshold Height: 5"

COLOR	STOCK NO	EACH
White	*E36WH*	*800.40*
Linen	*E36LI*	*800.40*

E48 48" Gel-Coat Shower

Unit Dimensions: 48" x 36" x 81.5"
Inside Shower Dimensions: 45" x 30"
Door Opening: 45¼" x 73¼"
Front Threshold Height: 6"

COLOR	STOCK NO	EACH
White	*E48WH*	*864.20*



Gel-Coat Shower Neo-Angle

1-Piece
Unit Dimensions: 39" x 39" x 83"
Door Opening: 16¾" x 24¾" x 16¾"
Inside Shower Dimensions: 45" x 30
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 490 1-Piece		
White	*WR490WH*	*843.90*
WR 492 2-Piece, Base and Wall Separate		
White	*WR492WH*	*1232.50*

NEW ITEM



Gel-Coat Shower

1-Piece
Low 3″ Front outside threshold for easy step over, Twin Corner shelves
Unit Dimensions: 60" x 36" x 78", 1½" inside dam
Door Opening: 57¼" x 73½"
Inside Shower Dimensions: 57" x 29"
Finish: Gelcoat

COLOR	STOCK NO	EACH
WR 584, Center Drain		
White	*WR584WH*	*1015.00*



CM-60 Alcove Tub & Shower

- One-piece tub shower with AcrylX™ finish
- Built-in back wall shelves with soap dish

Dimensions: 60" x 31½" x 72"
Door Opening: 55¾" x 55½"
Product ID: 141000

COLOR	STOCK NO	EACH
Right Hand Plumbing		
White	CM60RWH	595.88
Left Hand Plumbing		
White	CM60LWH	595.88



KDTS 3060 AFR Alcove Tub & Shower

- Four-piece AFR tub shower with AcrylX™ finish
- Built-in back wall shelves with soap dish

Dimensions: 59⅞" X 30⅛" X 79⅝"
Door Opening: 56½" x 61⅝"
Product ID: 142007

COLOR	STOCK NO	EACH
Tub Only Right Hand Drain		
White	142011RWH	655.39
Tub Only Left Hand Drain		
White	142011LWH	655.39
Side Wall Set (2 Included)		
White	142048WH	279.64
Back Wall		
White	142061WH	254.21

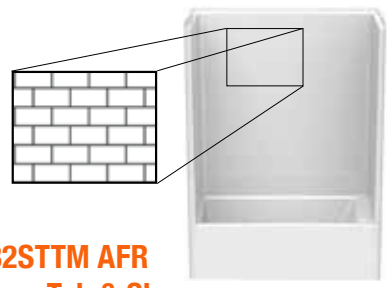


KDTS 3260 AFR Alcove Tub & Shower

- Four-piece AFR tub shower with AcrylX™ finish
- Built-in back wall shelves with soap dish

Dimensions: 59¾" X 32" X 81¾"
Door Opening: 56⅛" x 62¾"
Product ID: 142013

COLOR	STOCK NO	EACH
Tub Only Right Hand Drain		
White	142017RWH	655.39
Tub Only Left Hand Drain		
White	142017LWH	655.39
Side Wall Set (2 Included)		
White	142051WH	253.51
Back Wall		
White	142061WH	254.21



6032STTM AFR Alcove Tub & Shower

- One-piece AFR tub and shower with subway tile design and AcrylX™ finish
- Ergonomic backrest

Dimensions: 60" x 32" x 81¼"
Door Opening: 62" x 56"
Product ID: 141393

COLOR	STOCK NO	EACH
Right Hand Plumbing		
White	6032STTMRWH	861.50
Left Hand Plumbing		
White	6032STTMLWH	861.50



KDS 3060 AFR Alcove Shower

- Four-piece AFR shower with AcrylX™ finish
- Built-in back wall shelves with soap dish

Dimensions: 59¾" X 30" X 83⅛"
Door Opening: 56½" x 75⅞"
Product ID: 142037

COLOR	STOCK NO	EACH
Shower Base Right Hand Seat, Left Drain		
White	142041RWH	655.39
Shower Base Left Hand Seat, Right Drain		
White	142041LWH	655.39
Shower Base No Seat, Center Drain		
White	142041WH	655.39
Side Wall Set (2 Included)		
White	142048WH	279.64
Back Wall		
White	142061WH	254.21



KDS 3448 AFR Alcove Shower

- Four-piece AFR shower with AcrylX™ finish
- Built-in back wall shelves with soap dish

Dimensions: 47⅞" X 33⅝" X 80⅛"
Door Opening: 44½" x 76"
Product ID: 142031

COLOR	STOCK NO	EACH
Shower Base Right Hand Seat, Center Drain		
White	142035RWH	626.36
Shower Base Left Hand Seat, Center Drain		
White	142035LWH	626.36
Shower Base No Seat, Center Drain		
White	142035NSWH	626.36
Side Wall Set (2 Included)		
White	142057WH	304.35
Back Wall		
White	142064WH	178.66



S-36 Alcove Shower

- One-piece tub shower with AcrylX™ finish
- Built-in corner shelves, center drain

Dimensions: 36" x 36" x 72"
Door Opening: 66" x 33"
Product ID: 141022

COLOR	STOCK NO	EACH
White	S36WH	681.49



SHLS/RS-48 AFR Alcove Shower

- One-piece tub shower with AcrylX™ finish
- Two-level built-in corner shelves

Dimensions: 48" x 36" x 79"
Door Opening: 71½" x 45½"
Product ID: 141033

COLOR	STOCK NO	EACH
Right Hand Seat, Center Drain		
White	SHRS48WH	732.24
Left Hand Seat, Center Drain		
White	SHLS48WH	732.24



SHLS/RS-60 AFR Alcove Shower

- One-piece tub shower with AcrylX™ finish
- Two-level built-in corner shelves

Dimensions: 60" x 36" x 79"
Door Opening: 72½" x 57½"
Product ID: 141036

COLOR	STOCK NO	EACH
Right Hand Seat, Center Drain		
White	SHRS60WH	823.59
Left Hand Seat, Center Drain		
White	SHLS60WH	823.59



KDS 3460 AFR Alcove Shower

- Four-piece AFR shower with AcrylX™ finish
- Built-in back wall shelves with soap dish

Dimensions: 59¾" X 33½" X 82⅛"
Door Opening: 56½" x 75⅞"
Product ID: 142043

COLOR	STOCK NO	EACH
Shower Base Right Hand Seat, Left Drain		
White	142047RWH	787.34
Shower Base Left Hand Seat, Right Drain		
White	142047LWH	787.34
Side Wall Set (2 Included)		
White	142057WH	304.35
Back Wall		
White	142061WH	254.21

Mustee Shower Stalls & Bases (18)

mustee.com



DURASTALL® Premier Shower Cabinet

- Slip-resistant floor with drain
- Shower valve and head
- Shower curtain and curtain rod
- Safety railing with molded-in soap dish and shampoo holder
- Mold and mildew-resistant components

SIZE	STOCK NO	EACH
32" x 32"	MU80	453.33



Mustee Replacement Shower Valve

Metallic shower head/arm and crystal polystyrene handles. The plastic constructed valve is designed with a large 4" center for enhanced water flow, and better control of pressure and temperature for comfortable, consistent shower.

MODEL	STOCK NO	EACH
80.400P	MU80400	54.08



DURABASE® Square Shower Floors

SIZE	STOCK NO	EACH
32x32	MU3232M	163.69
36x36	MU3636M	190.98



DURAWALL® Square Shower Walls

For Use with SQUARE Durabases listed above

SIZE	STOCK NO	EACH
32x32	MU732SWHT	535.82
36x36	MU736SWHT	594.58



DURABASE® Rectangular Shower Floors

SIZE	STOCK NO	EACH
34x48	MU3448M	231.91
34x60	MU3460M	288.34
32x48	MU3248M	226.88
36x48	MU3648M	249.04



DURAWALL® Rectangle Shower Walls

For Use with RECTANGLE Durabases listed above

FOR USE WITH	STOCK NO	EACH
32x48	MU74832SWHT	611.06
34x48	MU74834SWHT	611.06



DURABASE® Neo Angle Shower Floors

SIZE	STOCK NO	EACH
36x36	MU3636CM	205.73
38x38	MU3838CM	225.25



DURAWALL® Neo-Angle Shower Walls

For Use with NEO-ANGLE Durabases listed above

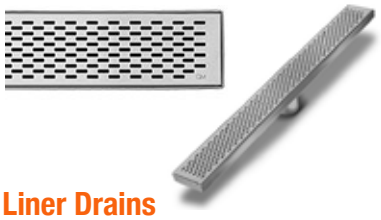
FOR USE WITH	STOCK NO	EACH
36x36	MU736CWHT	509.79
38x38	MU738CWHT	554.48



DURAWALL® Rectangle Shower Walls

For Use with BARRIER-FREE bases or RECTANGLE Durabase MU3460M

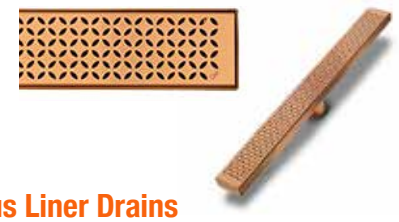
FOR UP TO	STOCK NO	EACH
60"W x 40"D	MU260WHT	467.59



Delta Liner Drains

Versatile, allows you to pitch your surface from any direction. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Satin	28" x 3/8"	3330003	390.60
Satin	36" x 3/8"	3330005	476.00
Satin	48" x 3/8"	3330006	601.30
Polished	28" x 3/8"	3330003P	396.20
Polished	36" x 3/8"	3330005P	481.60
Polished	48" x 3/8"	3330006P	611.80



Lotus Liner Drains

Versatile, allows you to pitch your surface from any direction. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Bronze	28" x 3/8"	3340003	441.00
Bronze	36" x 3/8"	3340005	560.00



Mist (Tile-in) Liner Drains

Tile-in surface material in the center channel. Versatile, allows you to pitch your surface from any direction. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Satin	28" x 3/8"	3350003	508.40
Satin	36" x 3/8"	3350005	616.07
Satin	48" x 3/8"	3350006	778.22



Adaptor/Threaded Nipple with gasket

STOCK NO	EACH
8310006	5.60



Delta Square Drains

Centrally located, four-way pitched drain. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Satin	5¾" x 5¾"	3330001	129.50
Polished	5¾" x 5¾"	3330001P	154.00



Lotus Square Drains

Centrally located, four-way pitched drain. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Bronze	5¾" x 5¾"	3340001	248.50
ORB	5¾" x 5¾"	3340001ORB	248.50



Mist (Tile-in) Square Drain

Tile-in surface material in the center of the grate. Centrally located, four-way pitched drain. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Satin	5¾" x 5¾"	3350001	161.00



Nami Square Drain

Centrally located, four-way pitched drain. 100% Stainless Steel Marine 316.

FINISH	SIZE	STOCK NO	EACH
Satin	5¾" x 5¾"	3310001	129.50



PVC Drain Flange

Clamp down floor drain. 2" throat, 2" outlet, 6¼" diameter.

STOCK NO	EACH
8310000	24.50

See page 1311 for additional drains



827/828 Series Outer-Locknut Style

No-caulk fiberglass, with compression gasket & stainless steel strainer. Fits 2" Schedule DWV pipe

BODY	STOCK NO	EACH
Plastic	2PNCSD	9.72
Brass	2BRNCSD	25.77

Polished Brass Strainer Only for drains above

STOCK NO	EACH
SC8272SP	42.24



825 Series Receptor-Base Style

Solvent weld over 2" Schedule 40 DWV pipe.

MATERIAL	SIZE	STOCK NO	EACH
PVC	2"	SC82527P	7.46

Strainer Cover

4¼"Snap-in • 2⅞" Prong-to-Prong

FINISH	STOCK NO	EACH
Satin Nickel	4T04331	17.21
Oil Rubbed Brz	4T04334	17.21
Flat Black	4T04320	15.84

trimtothetrade.com



Screw-in Stainless Steel Drain Assembly

Solvent welds over 2" Schedule 40 DWV pipe.

MATERIAL	SIZE	STOCK NO	EACH
ABS	2"	2ABSSOWESD	7.57
PVC	2"	2PVSOWESD	7.57

Strainer Only for drains above

FINISH	STOCK NO	EACH
Flat Black	4T09120	21.34
Satin Nickel	4T09131	24.79
Oil Rubbed Bronze	4T09134	24.79



Low Profile Drain Assembly

Bolt down clamping ring. Fits ov
Schedule 40 DWV pipe.

MATERIAL	SIZE	STOCK NO	EACH
ABS	2"	2ABCLRISD	11.31
PVC	2"	2PVCLRISD	11.31



Shower Pan Drain

Cast metal ring and strainer.
- No. 821-200ANR

MATERIAL	SIZE	STOCK NO	EACH
ABS	2"	821200ANR	44.65



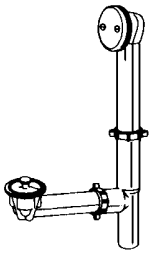
PVC Shower Pan Drain

Polished Metal Ring and Strainer

PIPE SIZE	TOP DIA.	HEIGHT	STOCK NO	EACH
2"	4⅜"	4⅛ — 5⅜"	SC821200PNR	44.65

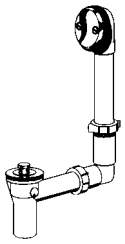
Bath Drains (18)

oatey.com watco.com



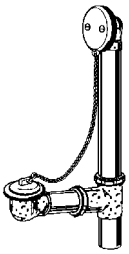
Uni-Lift Bath Drain

DESCRIPTION	STOCK NO	EACH
ABS	DBA8227BG	20.86
PVC	DBP8227BG	20.86



Direct Outlet Uni-Lift Bath Drain

DESCRIPTION	STOCK NO	EACH
PVC	DBP8227D	31.18



Chain and Stopper Bath Drain

For 16" leg tubs.

FINISH	STOCK NO	EACH
22 Gauge C.P. Brass	DB2021	99.57



4T-1902C Lift & Turn Conversion Kit

Includes: 2-hole face plate & screws, bath plug

FINISH	STOCK NO	EACH
Brass reducing bushing • 1-⅝" OD		
Satin Nickel	4T1902CB31	55.08
Oil Rubbed Bronze	4T1902CB34	55.08
Flat Black	4T1902CB20	42.69

trimtothetrade.com



Uni-Lift Bath Waste Kit

Includes double hole face plate with screws and Uni-Lift assembly, bagged.

FINISH	STOCK NO	EACH
Chrome/PVC	DBP9225BBG	20.86



Overflow Face Plate

FINISH	STOCK NO	EACH
Chrome	DB45031	8.82



(21)

IPS Push-N-Lift Bath Drain

FINISH	STOCK NO	EACH
Chrome	IPS61306	50.49



NEW ITEM

Freestanding Tub Drain

Includes drain body, test plug, brass/poly tailpiece, and tailpiece gasket.

PIPE	STOCK NO	EACH
PVC	SC8192P	43.16



Nufit™ Presflo® Trim Kit

Brass body, plastic stopper assembly, metal overflow plate, adapter bar & screw, and suction cup.

- Opening: min. 1½" I.D. max. 2⅞" O.D.

FINISH	STOCK NO	EACH
Chrome	WCC48100CP	29.96



Watco 901-LT Innovator Lift and Turn

1½" Schedule 40 PVC solvent weld assembly.

FINISH	STOCK NO	EACH
Chrome	WT901LTPVCCP	24.13

Watco Snap-In Trim Kit

For 901-LT Innovator Lift & Turn

FINISH	STOCK NO	EACH
White	WA959290WH	40.58
Biscuit	WA959290BS	55.02
Brushed Nickel	WA959290BN	44.40
Oil Rubbed Bronze	WA959290BZ	48.86
Wrought Iron	WA959290WI	43.99



WATCOflex Bath Waste

Lift & Turn. 16" Chrome.

PIPE	STOCK NO	EACH
PVC	WATFLEXPVC16	39.65

WATCOflex Bath Waste

Lift & Turn. 24" Chrome.

- 900 Series

PIPE	STOCK NO	EACH
PVC	WATFLEX924	49.67



Watco Innovator Cable

Up to 16" • CableFlex • Chrome.

- 928-CA Series

PIPE	STOCK NO	EACH
PVC	WATCAFLEX	111.34



Watco Universal NuFit®

Fits over tub drain without removing strainer body and installs in minutes.

STOCK NO	EACH
WA948700PPCPG3P	28.99

Gerber Bath Drains (18)

gerber-us.com



Pop-Up Bath Drain

with metal overflow plate, plunger, shoe plug and metal linkage.

DESCRIPTION	STOCK NO	EACH
PVC	GE41500	65.05



LIft and Turn Bath Drain

With metal overflow plate, shoe plug and metal linkage.

FINISH	STOCK NO	EACH
PVC	GE41550	38.35



Trip Lever Bath Drain

Heavy chrome plated and decorator finishes. Adjusts to fit any tub 14" to 16" high. Patented quick-fit wire linkage "aligner". Patented self-retaining overflow gasket. With Strainer.

DESCRIPTION	STOCK NO	EACH
20 Gauge C.P. Brass	GE41818	111.29



Lift & Turn

- 20 gauge, plated zinc nuts
- All-Tub Drain in Tee (fits most tubs 14" to 16" high)

FINISH	STOCK NO	EACH
Chrome	GE41858	102.67



(16)

Trip Lever Bath Drain

- 1½" PVC Tubing
- 41-510 Series (fits most tubs 14" to 16" high)

FINISH	STOCK NO	EACH
Chrome	GE41510	39.01



(16)

Trip Lever Bath Drain

- 1½" PVC Tubing
- 41-513 Series (fits most tubs up to 24" high)

FINISH	STOCK NO	EACH
Chrome	GE41513	67.78

Mountain Plumbing Bath Drains (18)

mountainplumbing.com



Mountain Cable Operated Bath Waste and Overflow

- 1½" Schedule 20 Tubular Drain
- Flexible Overflow Neck swivels and conforms to any angle bathtub
- Vertical Pipe 12" to 22"
- Horizontal Pipe 7" to 13"

TRIM	STOCK NO	EACH
Chrome	BDR20S222CP	136.52
White	BDR20S222WH	134.51
Biscuit	BDR20S222BI	134.51
Brushed Nickel	BDR20S222BN	182.86
Venetian Bronze	BDR20S222VB	216.11
Matte Black	BDR20S222MB	232.73

Basco Tub and Shower Doors (18)

bascoshowerdoor.com



Framed Pivot Shower Door

- Drip system keeps water inside the shower
- Pivot jamb with a pin assembly instead of hinges for smooth operation and easy out-of-square adjustment
- Full length magnet holds door securely in place to keep water from escaping

FRAME	STOCK NO	EACH
Clear glass, can be used with WR 333 25⅞-26⅞" wide x 70½" tall		
Silver	*BA10026X70CLSV*	*556.15*
Clear glass, can be used with WR E32 30" wide x 75" tall		
Silver	*BA10030X75CLSV*	*700.66*



Deluxe Framed 3/16" Clear Glass Sliding Tub and Shower Doors

- Two towel bars.
- Heavy gauge polished anodized metal.
- Roller assembly adjustable up to ⅜" for out-of square wall conditions.
- Stay-Kleen track with gentle slope and rounded front keeps water in the shower and off floor.
- By-pass stop keeps inside panel on same side as shower head to prevent leakage.
- Safety T-lock secures header to hold panels in place.
- Jamb bumpers secure panels in place.

FRAME	STOCK NO	EACH
Clear glass, 50 1/16-52"wide, 58½" tall		
Silver	*BA615052X58CLSV*	*497.57*
Clear glass, 56-60"wide, 58½" tall Can be used for WR330 or WR331		
Silver	*BA6150A60X58CLSV*	*530.38*
Clear glass, 45-47" wide, 71½" tall Can be used for WR480		
Silver	*BA7150A48X71CLSV*	*596.77*
Clear glass, 50-52" wide, 71½" tall Can be used for WR860 or WR861		
Silver	*BA715052X71CLSV*	*619.43*
Clear glass, 57-59" wide, 71½" tall Can be used for WR530 or WR531		
Silver	*BA715060X71CLSV*	*652.23*



Deluxe Framed Neo Angle Swing Shower Doors

- Door swings out only
- Reversible on install for a left or right swing
- Drip rail system includes a channel that keeps the water in the shower
- A full-length magnet holds the door closed

GLASS	STOCK NO	EACH
Silver frame, can be used with WR 490 38½ wide x 72⅛" tall		
3/16" Obscure.	*BA160WRX72OBSV*	*1482.54*

BASCO SHOWER ENCLOSURES

Reserved

Reserved

Cadet Pro • 12" Rough-ins

Cadet® Pro™ Round Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl		
White with EverClean	*AS3517D101020*	*108.75*
Bone with EverClean	*AS3517D101021*	*133.05*
Linen with EverClean	*AS3517D101222*	*133.05*
1.28 GPF Tank • Combination 215DA104		
White	*AS4188A104020*	*91.67*
Bone	*AS4188A104021*	*110.40*
Linen	*AS4188A104222*	*110.40*
1.28 GPF Tank with Aquaguard Liner		
White	*AS4188A154020*	*180.75*
Bone	*AS4188A154021*	*174.35*
Linen	*AS4188A154222*	*174.35*
1.6 GPF Tank • Combination 215DA004		
White	*AS4188A004020*	*91.67*

Cadet® Pro™ Right Height Round Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Round Front Bowl		
White with EverClean	*AS3517B101020*	*152.43*
Linen with EverClean	*AS3517B101222*	*186.30*
1.28 GPF Tank • Combination 215BA104		
White	*AS4188A104020*	*91.67*
Linen	*AS4188A104222*	*110.40*
1.28 GPF Tank with Aquaguard Liner		
White	*AS4188A154020*	*180.75*
Linen	*AS4188A154222*	*174.35*
1.6 GPF Tank • Combination 215BA004		
White	*AS4188A004020*	*91.67*

Cadet Pro Accessories

Cadet Pro Tank ONLY with Right Hand Trip Lever



12" Rough-ins ONLY • White

GPF	STOCK NO	EACH
1.6 GPF	*AS4188A005020*	*108.35*
1.28 GPF	*AS4188A105020*	*109.970*

Cadet Pro EZ Install 3" Tank to Bowl Coupling Kit



Kit contains the coupling nut, coupling washer and handle kit

STOCK NO	EACH
AS73812532010070A	*24.49*

Cadet® Pro™ Elongated Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl		
White with EverClean	*AS3517C101020*	*133.67*
Bone with EverClean	*AS3517C101021*	*163.20*
Linen with EverClean	*AS3517C101222*	*163.20*
1.28 GPF Tank • Combination 215CA104		
White	*AS4188A104020*	*91.67*
Bone	*AS4188A104021*	*110.40*
Linen	*AS4188A104222*	*110.40*
1.28 GPF Tank with Aquaguard Liner		
White	*AS4188A154020*	*180.75*
Bone	*AS4188A154021*	*174.35*
Linen	*AS4188A154222*	*174.35*
1.6 GPF Tank • Combination 215CA004		
White	*AS4188A004020*	*91.67*

Cadet® Pro™ Right Height Elongated Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean	*AS3517A101020*	*165.66*
Bone with EverClean	*AS3517A101021*	*198.66*
Linen with EverClean	*AS3517A101222*	*198.66*
1.28 GPF Tank • Combination 215AA104		
White	*AS4188A104020*	*91.67*
Bone	*AS4188A104021*	*110.40*
Linen	*AS4188A104222*	*110.40*
1.28 GPF Tank with Aquaguard Liner		
White	*AS4188A154020*	*180.75*
Bone	*AS4188A154021*	*174.35*
Linen	*AS4188A154222*	*174.35*
1.6 GPF Tank • Combination 215AA004		
White	*AS4188A004020*	*91.67*
1.28 GPF Touchless Tank • Combination 215AA709		
White	*AS4000709020*	*157.34*

Cadet® Pro™ Extra Tall Height Elongated Toilet

NEW ITEM



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
19" Rim Height Extra Tall Elongated Front Bowl		
White with EverClean	*AS3517T101020*	*190.77*
1.28 GPF Tank • Combination 215TA104		
White	*AS4188A104020*	*91.67*
1.28 GPF Tank with Aquaguard Liner		
White	*AS4188A154020*	*180.75*

10" Rough-ins

Cadet® Pro™ Round Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl		
White with EverClean	*AS3517D101020*	*108.75*
Bone with EverClean	*AS3517D101021*	*133.05*
Linen with EverClean	*AS3517D101222*	*133.05*
1.28 GPF Tank • Combination 215DB104		
White	*AS4188B104020*	*125.16*
Bone	*AS4188B104021*	*228.75*
Linen	*AS4188B104222*	*228.75*

Cadet® Pro™ Elongated Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl		
White with EverClean	*AS3517C101020*	*133.67*
Bone with EverClean	*AS3517C101021*	*163.20*
Linen with EverClean	*AS3517C101222*	*163.20*
1.28 GPF Tank • Combination 215CB104		
White	*AS4188B104020*	*125.16*
Bone	*AS4188B104021*	*228.75*
Linen	*AS4188B104222*	*228.75*

Cadet® Pro™ Right Height Round Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Round Front Bowl		
White with EverClean	*AS3517B101020*	*152.43*
Linen with EverClean	*AS3517B101222*	*186.30*
1.28 GPF Tank • Combination 215BB104		
White	*AS4188B104020*	*125.16*
Linen	*AS4188B104222*	*228.75*

Cadet® Pro™ Right Height Elongated Toilet



Cadet® Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean	*AS3517A101020*	*165.66*
Bone with EverClean	*AS3517A101021*	*198.66*
Linen with EverClean	*AS3517A101222*	*198.66*
1.28 GPF Tank • Combination 215AB.104		
White	*AS4188B104020*	*125.16*
Bone	*AS4188B104021*	*228.75*
Linen	*AS4188B104222*	*228.75*

Champion Pro

Champion® Pro™ Right Height Round Toilet



4" piston-action Accelerator flush valve
- 2⅜" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Round Front Bowl		
White with EverClean	*AS3195B101020*	*152.49*
Linen with EverClean	*AS3195B101222*	*160.65*
1.28 GPF Tank • Combination 211BA104		
White	*AS4225A104020*	*124.59*
Linen	*AS4225A104222*	*153.30*

Champion® Pro™ Right Height Elongated Toilet



4" piston-action Accelerator flush valve
- 2⅜" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean	*AS3195A101020*	*164.69*
Linen with EverClean	*AS3195A101222*	*198.45*
1.28 GPF Tank • Combination 211AA104		
White	*AS4225A104020*	*124.59*
Linen	*AS4225A104222*	*153.30*

Champion® Pro™ Tank ONLY with Right Hand Trip Lever



12" Rough-ins ONLY • White

GPF	STOCK NO	EACH
1.28 GPF	*AS4225A105020*	*140.12*

Baby Devoro

Baby Devoro™ FloWise® 10¼" Elongated Toilet



- For children or small people
- Fully glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
10¼" Rim Height Elongated Front Bowl		
White	*AS3128001020*	*109.25*
1.28 GPF Tank • Combination 2315228		
White	*AS4019228020*	*105.00*

Edgemere

Edgemere® Right Height Elongated Toilet



- 3" flush valve
- 2" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean	*AS3519A101020*	*130.04*
1.28 GPF Tank • Combination 204AA104		
White	*AS4519A104020*	*97.20*

Heritage

Heritage VorMax® Right Height Elongated Toilet



VorMax® Flushing System
- CleanCurve™ rim
- Dual injection flush valves
- 2 1/16" fully glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean	*AS3870A101020*	*161.60*
1.28 GPF Tank • Combination 205AA.104		
White	*AS4270A104020*	*156.13*

Cadet 3

Cadet 3 FloWise® Right Height Round Toilet



Cadet® 3 Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever
- Concealed bolts with side covers included

12" Rough-in • Includes Slow Close Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Round Front Bowl		
White with EverClean. . .	*AS3053000020*	*281.88*
1.28 GPF Tank • Combination 2988101		
White	*AS4000101020*	*83.84*

Cadet 3 FloWise® Right Height Elongated Toilet



Cadet® 3 Flushing System
- 3" flush valve
- 2⅛" fully glazed trapway
- Chrome trip lever
- Concealed bolts with side covers included

12" Rough-in • Includes Slow Close Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean. . .	*AS3075000020*	*300.71*
1.28 GPF Tank • Combination 2989101		
White	*AS4000101020*	*83.84*
1.28 GPF Touchless Tank • Combination 2989709		
White	*AS4000709020*	*157.34*

Studio

Studio Right Height Round Toilet



LXP (Luxury Performance) Toilet with dual flush design
- 3" flush valve
- 2⅛" fully glazed trapway
- Concealed bolts with side covers included

12" Rough-in • Includes Slow Close Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Round Front Bowl		
White with EverClean. . .	*AS3053120020*	*309.22*
1.1/1.6 GPF Tank • Combination 2795204.020		
White	*AS4000204020*	*100.24*

Studio Right Height Elongated Toilet



LXP (Luxury Performance) Toilet with dual flush design
- 3" flush valve
- 2⅛" fully glazed trapway
- Concealed bolts with side covers included

12" Rough-in • Includes Slow Close Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean. . .	*AS3075120020*	*318.94*
1.1/1.6 GPF Tank • Combination 2794204.020		
White	*AS4000204020*	*100.24*

Pressure-Assisted

Cadet Pressure-Assisted Elongated Toilet



Pressure-assisted siphon jet flush action
- 2⅛" fully glazed trapway
- Chrome trip lever
- Close-coupled flushometer tank

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl		
White with EverClean. . .	*AS3481001020*	*76.20*
1.6 GPF Tank • Combination 2462016		
White	*AS4142016020*	*222.00*

Cadet Right Height Pressure-Assisted Elongated Toilet



Pressure-assisted siphon jet flush action
- 2⅛" fully glazed trapway
- Chrome trip lever
- Close-coupled flushometer tank

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean. . .	*AS3483001020*	*93.00*
1.6 GPF Tank • Combination 2467016		
White	*AS4142016020*	*222.00*

Yorkville Right Height Pressure-Assisted Elongated Toilet



Pressure-assisted siphon jet flush action
- 2⅛" fully glazed trapway
- Chrome trip lever
- Close-coupled flushometer tank

Floor-mounted, back-outlet • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White with EverClean. . .	*AS3703001020*	*324.00*
1.6 GPF Tank • Combination 2878016		
White	*AS4142016020*	*222.00*

Pressure-Assisted Tank ONLY with Right Hand Trip Lever



12" Rough-ins ONLY • White

GPF	STOCK NO	EACH
1.6 GPF.	*AS4142800020*	*226.50*

Toilet Repair Parts (21)

Replacement Trip Lever



COLOR	STOCK NO	EACH
Chrome	AS7388990020A	32.28
White	AS7388990200A	22.26

Replacement Flapper



For 2" Flush Valves

STOCK NO	EACH
AS73811292000070A	27.83

Cadet 3 Replacement Flapper



For 3" Flush Valves

STOCK NO	EACH
AS7389200070A	14.47

Series 540A Replacement Flapper



For 3" Flush Valves

STOCK NO	EACH
AS73811932000070A	15.58

Champion Flush Valve Assembly



7 inch tube • 3.4 inch chain

STOCK NO	EACH
AS73819834000070AP	64.56

Sloan Flush Cartridge



For Pressure-Assisted toilets.

STOCK NO	EACH
SLC100500K	66.69

Commercial Floor Mount Toilets

Madera FloWise Elongated Toilet



Flushometer Valve
- 1.28 or 1.6 GPF depending on flush valve
- 2⅛" fully glazed trapway
- 1½" top inlet spud

Floor Mount, 10" or 12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
15" Rim Height Elongated Front Bowl		
White LESS EverClean	AS2234001020	86.55
White with EverClean. . .	AS3451001020	109.50

Madera FloWise Right Height Elongated Toilet



Flushometer Valve
- 1.28 or 1.6 GPF depending on flush valve
- 2⅛" fully glazed trapway
- 1½" top inlet spud

Floor Mount, 10" or 12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA 16½" Rim Height Elongated Front Bowl		
White LESS EverClean	AS3043001020	107.40
White with EverClean. . .	AS3461001020	129.00

Priolo FloWise Right Height Elongated Toilet



Flushometer Valve
- 1.28 or 1.6 GPF depending on flush valve
- 2⅛" fully glazed trapway
- 1½" top inlet spud

Floor-mounted, back-outlet • LESS Toilet Seat

COLOR	STOCK NO	EACH
White with EverClean. . .	AS3695001020	339.27

Baby Devoro™ FloWise® 10¼" Round Toilet



Flushometer Valve
- 1.28 or 1.6 GPF depending on flush valve
- For children or small people
- Fully glazed trapway
- 1½" inlet spud

Floor Mount, 10" Rough-in • LESS Toilet Seat & Caps

COLOR	STOCK NO	EACH
10¼" Rim Height Round Front Bowl		
White LESS EverClean	AS2282001020	150.93

Commercial Wall Mount Toilets

Afwall Millennium FloWise Elongated Toilet



Flushometer Valve
- 1.28 or 1.6 GPF depending on flush valve
- 2⅛" fully glazed trapway
- 1½" top inlet spud
- When top seat installed 17" to 19" from finished floor

Wall-mounted, back-outlet • LESS toilet seat & caps

COLOR	STOCK NO	EACH
White LESS EverClean	AS2257101020	86.55
White with EverClean. . .	AS3351101020	111.00
Slotted rim for bedpan holding • LESS bolt caps		
White with EverClean. . .	AS3352101020	127.95

Afwall FloWise Retrofit Elongated Toilet



Replaces wallhung 3.5 GPF or 1.6 GPF models and roughs-in at 16⅛" rim height to meet ADA with no need to modify the existing carrier or through wall supply

Flushometer Valve
- 1.28 or 1.6 GPF depending on flush valve
- 2⅛" fully glazed trapway
- 1½" top inlet spud When top seat installed 17" to 19" from finished floor

Wall-Mounted, Back-Outlet
LESS Toilet Seat, Wall Carrier & Bolt Caps

COLOR	STOCK NO	EACH
White with EverClean	AS2294011EC020	307.74

(21)

Afwall Carrier Caps



⅝" Cap 4 Nut Kit Chrome.
For use with select wall hung toilets.

STOCK NO	EACH
AS73812852000070A	65.68

Glenwall VorMax Elongated Toilet



VorMax® Flushing System
- CleanCurve™ rim
- Dual injection flush valves
- 2¹⁄₁₆" fully glazed trapway
- Chrome trip lever
- When top seat installed 17" to 19" from finished floor

Wall-Mounted, Back-Outlet
LESS Toilet Seat & Wall Carrier

COLOR	STOCK NO	EACH
Elongated Bowl		
White with EverClean. . .	AS3447101020	213.00
1.28 GPF Tank • Combination 2882107		
White	AS4385A107020	235.50

American Standard Lavatories (17)

americanstandard-us.com

Drop In Sinks

Aqualyn® Drop In Sink



- 20⅜" x 17⅜"
- Self-rimming
- Tapered edges
- Front overflow

Bowl size 16" wide x 10" front to back x 5⅝" deep

COLOR	MODEL	STOCK NO	EACH
Center Hole ONLY			
White	*0475.047*	*AS0475047020*	*54.69*
4" Centers			
White	*0476.028*	*AS0476028020*	*57.08*
Linen	*0476.028*	*AS0476028222*	*108.00*
8" Centers			
White	*0475.020*	*AS0475020020*	*54.68*

Rondalyn™ Countertop Sink



- 19⅛" diameter
- Self-rimming
- Tapered edges
- Front overflow

Bowl size 15" wide x 12⅛" front to back x 5¾" deep

COLOR	MODEL	STOCK NO	EACH
4" Centers			
White	*0491.019*	*AS0491019020*	*54.68*
Bone	*0491.019*	*AS0491019021*	*108.00*
Linen	*0491.019*	*AS0491019222*	*108.00*

Studio Suite Drop In Sink



- 21¼" x 17¾"
- Self-rimming
- Front overflow

Bowl size 18" wide x 12" front to back x 4½" deep

COLOR	MODEL	STOCK NO	EACH
Center Hole ONLY			
White	*0643.001*	*AS0643001020*	*199.87*

American Standard

Undercounter Sinks

Ovalyn™ Undercounter Sink



- Supplied Mounting kit
- Front overflow
- Unglazed rim

Bowl size 17" wide x 14" front to back x 5½" deep

COLOR	MODEL	STOCK NO	EACH
White	*0496.221*	*AS0496221020*	*51.30*
Bone	*0496.221*	*AS0496221021*	*120.75*
Linen	*0496.221*	*AS0496221222*	*120.75*
Bowl size 19" wide x 15⅜" front to back x 5½" deep			
White	*0497.221*	*AS0497221020*	*55.50*

Studio Suite Undercounter Sink



- 19¾" x 13¾"
- Supplied Mounting kit
- Front overflow
- Unglazed rim

Bowl size 18" wide x 12" front to back x 6⁷⁄₁₆" deep

COLOR	MODEL	STOCK NO	EACH
White	*0614.000*	*AS0614000020*	*168.89*

Pedestal Sinks

Edgemere® Pedestal Sink



- 25" x 19½"
- 35⅝" height with pedestal
- Supplied Mounting kit
- Rear overflow

Bowl size 14" wide x 11¾" front to back x 6½" deep

COLOR	MODEL	STOCK NO	EACH
4" Centers			
White	*0445.004*	*AS0445004020*	*130.61*
Pedestal Only			
White	*0039.000*	*AS0039000020*	*70.47*

Cadet Suite Pedestal Sink



- 24½" x 20"
- 35" height with pedestal
- Supplied Mounting kit
- Rear overflow

Bowl size 20" wide x 12" front to back x 6" deep

COLOR	MODEL	STOCK NO	EACH
4" Centers			
White	*0236.004*	*AS0236004020*	*133.05*
8" Centers			
White	*0236.008*	*AS0236008020*	*133.05*
Pedestal Only			
White	*7311.004*	*AS731100400020*	*49.65*
Bone	*7311.004*	*AS731100400021*	*93.75*
Linen	*7311.004*	*AS731100400222*	*93.75*

Commercial Wall Mount Sinks

ADA Compliant



Wheelchair Users Wall Mount Sink
- 20" x 27"
- Front overflow

Bowl size 14" wide x 14¾" front to back x 4¾" deep

COLOR	MODEL	STOCK NO	EACH
4" centers for concealed arm carrier			
White	*9141.001*	*AS9141011020*	*416.25*



Comrade™ Wall Mount Sink
- 20" x 18¼"
- Rear overflow
- Soap depression

Bowl size 15" wide x 10⅞" front to back x 6¼" deep

COLOR	MODEL	STOCK NO	EACH
4" Centers with Included Wall Hanger			
White	*0124.024*	*AS0124024020*	*92.25*
4" centers for concealed arm support			
White	*0124.131*	*AS0124131020*	*98.10*



Lucerne™ Wall Mount Sink
- 20½" x 18¼"
- Front overflow
- Self-draining deck

Bowl size 15" wide x 10" front to back x 6½" deep

COLOR	MODEL	STOCK NO	EACH
Single Hole with Included Wall Hanger			
White	*0356.421*	*AS0356421020*	*57.75*
4" Centers with Included Wall Hanger			
White	*0355.012*	*AS0355012020*	*57.75*
4" Centers for exposed bracket support			
White	*0355.041*	*AS0355041020*	*78.75*
8" Centers with Included Wall Hanger			
White	*0356.015*	*AS0356015020*	*57.75*



Decorum Wall Mount Sink
- 20" x 18¼"
- Rear overflow
- Everclean

Bowl size 13⁵⁄₁₆" wide x 12¹³⁄₁₆" x 5" deep

COLOR	MODEL	STOCK NO	EACH
Center hole only			
White	*924.001EC*	*AS9024001EC020*	*174.00*
4" centers			
White	*924.004EC*	*AS9024004EC020*	*174.00*

American Standard



Declyn™ Wall Mount Sink
- 18½" x 17"
- Rear overflow
- Soap depression

Bowl size 14¼" wide x 10¾" front to back x 6" deep

COLOR	MODEL	STOCK NO	EACH
4" centers with Included Wall Hanger			
White	*0321.026*	*AS0321026020*	*55.65*

Accessories



Wall Mounted Sink Hanger
Steel Bracket

STOCK NO	EACH
ASS9	*14.47*

Kitchen Sinks

Hillside Apron Front Single Bowl Sink



- 30" x 18" x 10"
- 3-1/2" center drain (1)
- Sink rack and strainer included
- Sink is finished on all four sides
- Smooth or transitional apron (Reversible)

Bowl size 28½" w. x 16½" front to back x 8½" deep

COLOR	STOCK NO	EACH
Canvas White	*ASD20102000415*	*894.24*

Hillside Apron Front Double Bowl Sink



- 33" x 18" x 10"
- 3-1/2" center drains (2)
- Sink rack and strainer included
- Sink is finished on all four sides
- Smooth or transitional apron (Reversible)

Bowl sizes 15⅜" w. x 16½" front to back x 8½" d.

COLOR	STOCK NO	EACH
Canvas White	*ASD20103000415*	*968.36*

DXV
AMERICAN STANDARD

Service Sinks

Lakewell™ Service Sink



- 22" x 18"
- Rim guard
- Enameled cast iron (inside only enameled)
- Supplied with wall hanger and rim guard

Bowl size 18½" w. x 14⅛" front to back x 10½" d.

DESCRIPTION	STOCK NO	EACH
2 hole drilled back	*AS7692008020*	*620.61*

Akron™ Service Sink



- 24" x 20½"
- Rim guard
- Enameled cast iron (inside only enameled)
- Supplied with wall hanger and rim guard

Bowl size 19⅞" w. x 16⅜" front to back x 10½" d.

DESCRIPTION	STOCK NO	EACH
Plain back	*AS7695000020*	*681.57*
2 hole drilled back	*AS7695008020*	*681.57*

Trap Standards



Threaded inside for Lakewell or Akron cast iron service sinks
P-Trap with strainer, Outlet to wall.

SIZE	STOCK NO	EACH
2"	*AS7798020*	*177.00*
3"	*AS7798030*	*177.00*

Florwell™ Corner Service Sink



- 22" x 18" x 13"
- Enameled cast iron
- 3" Outlet

COLOR	MODEL	STOCK NO	EACH
White	*7741.000*	*AS7741000020*	*748.50*

Clinic Service Sink Floor Mount



- 29¼" x 20" x 18"
- 1½" Top Spud
- Flushing rim
- Includes bolt caps
- 6.5 GPF siphon jet flushing action

COLOR	MODEL	STOCK NO	EACH
White	*9504.999*	*AS9504999020*	*741.45*

Clinic Service Sink Wall Mount



- 25¼" x 21⅛"
- 1½" Top Spud
- Flushing rim
- Blow-out operation

COLOR	MODEL	STOCK NO	EACH
White	*9512.999*	*AS9512999020*	*699.20*
10" Side Rim Guards (2)			
Stainless Steel		*AS7832512075*	*75.75*

American Standard Urinals (17)

americanstandard-us.com

Wall Mount Urinals



Trimbrook™ Wall Mount Urinal

1.0 GPF Siphon jet flush action

- 14" x 17½" x 26¾"
- Flushing rim
- ¾" top spud
- 2 wall hangers
- Extended sides for privacy
- Outlet connection threaded 2"inside (NPTF)
- Recommended working pressure – between 20 psi at valve when flushing and 80 psi static
- When top of rim installed 17" from finished floor

COLOR	MODEL	STOCK NO	EACH
White	6561.017	AS6561017020	260.33



Lynbrook® Wall Mount Urinal

1.0 GPF Blowout flush action

- 14" x 18½" x 28¾"
- Flushing rim
- 1¼" top spud
- 2 wall hangers
- Extended sides for privacy
- Outlet connection threaded 2"inside (NPTF)
- Recommended working pressure – between 20 psi at valve when flushing and 80 psi static
- When top of rim installed 17" from finished floor

COLOR	MODEL	STOCK NO	EACH
White	6601.012	AS6601012020	286.53

For Flush Valves see pages 352-353 & 355-358



Allbrook FloWise® Wall Mount Urinal

High efficiency .5 to 1.0 GPF
Siphon jet flush action

- 14⁵⁄₁₆" x 14⁵⁄₁₆" x 21½"
- Flushing rim
- ¾" top spud
- Wall hanger
- Outlet connection threaded 2"inside (NPTF)
- Recommended working pressure – between 20 psi at valve when flushing and 80 psi static
- When top of rim installed 17" from finished floor

COLOR	MODEL	STOCK NO	EACH
White	6550.001	AS6550001020	123.12



Maybrook® Wall Mount Urinal

High efficiency .125 to 1.0 GPF
Washout flush action

- 12¾" x 12¾" x 18"
- Flushing rim
- ¾" top spud
- 1½" tubing tailpiece
- Strainer included
- Wall hanger
- Extended sides for privacy
- Recommended working pressure – between 20 psi at valve when flushing and 80 psi static
- When top of rim installed 17" from finished floor

COLOR	MODEL	STOCK NO	EACH
White	6581.001	AS6581001020	141.45



Washbrook FloWise® Wall Mount Urinal

High efficiency .125 to 1.0 GPF
Washout flush action

- 14⅛" x 18⅞" x 26⅛"
- Elongated 14" rim
- ¾" top spud
- Strainer included
- 2 wall hangers
- Extended sides for privacy
- Outlet connection threaded 2"inside (NPTF)
- Recommended working pressure – between 20 psi at valve when flushing and 80 psi static
- When top of rim installed 17" from finished floor

COLOR	MODEL	STOCK NO	EACH
White	6590.001	AS6590001020	183.30

Floor Mount Urinal



Stallbrook™ Floor Mount Urinal

.5 to 1.0 GPF
Washout flush action

- 15" x 18" x 38¼"
- Sloping front stall urinal
- ¾" top spud
- Integral flush spreader
- Drian NOT included
- Recommended working pressure – between 20 psi at valve when flushing and 80 psi static

Electronic flush valve required to meet ADA

COLOR	MODEL	STOCK NO	EACH
White	6400.001	AS6400001020	472.08

(18)

Brass Beehive Urinal Strainer

Chrome plated

SIZE	STOCK NO	EACH
2"	DBW9109	155.72

(18)



Brass Urinal Flange

Flange ONLY

SIZE	STOCK NO	EACH
2"	BKT112	104.94

Gerber Maxwell® Closets (17)

gerber-us.com

10" Rough-ins

Maxwell® Round Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 14½"		
White	*GEMX21952WH*	*91.45*
1.6 GPF Tank • Combination MX-20-900		
White	*GEMX28995WH*	*77.50*

Maxwell® Elongated Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 14½"		
White	*GEMX21962WH*	*113.15*
1.6 GPF Tank • Combination MX-20-910		
White	*GEMX28995WH*	*77.50*

Maxwell® Elongated ErgoHeight™ Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
White	*GEMX21928WH*	*150.35*
1.6 GPF Tank • Combination MX-20-917		
White	*GEMX28995WH*	*77.50*

Wall Mount

Maxwell® Elongated Wall Mount Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

4" Wall Mount Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Wall Mount Front Bowl		
White	*GE21970WH*	*406.10*
1.28 GPF Tank • Combination 20-021		
White	*GE28970WH*	*114.70*

12" Rough-ins

Maxwell® Round Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 14½"		
White	*GEMX21952WH*	*91.45*
1.6 GPF Tank • Combination MX-20-902		
White	*GEMX28990WH*	*54.25*
1.28 GPF Tank • Right hand trip lever		
White	*GE28990WHR*	*54.25*

Maxwell® Elongated Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 14½"		
White	*GEMX21962WH*	*113.15*
Biscuit	*GEMX21962BI*	*124.74*
1.6 GPF Tank • Combination MX-20-912		
White	*GEMX28990WH*	*54.25*
1.28 GPF Tank • Right hand trip lever		
White	*GE28990WHR*	*54.25*

Maxwell® Elongated ErgoHeight™ Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
White	*GEMX21928WH*	*150.35*
Biscuit	*GEMX21928BI*	*214.09*
1.6 GPF Tank • Combination MX-20-918		
White	*GEMX28990WH*	*54.25*
1.28 GPF Tank • Combination WS-20-918		
White	*GE28990WH*	*54.25*
1.28 GPF Tank • Right hand trip lever		
White	*GE28990WHR*	*54.25*

(21)

Replacement Flapper

For 1.6 GPF Maxwell GEM299X Tanks

SIZE	STOCK NO	EACH
3" Diameter	*GEGA700895*	*10.19*

14" Rough-ins

Maxwell® Round Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

14" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 14½"		
White	*GEMX21952WH*	*91.45*
1.6 GPF Tank • Combination MX-20-904		
White	*GEMX28994WH*	*77.50*

Maxwell® Elongated Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

14" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 14½"		
White	*GEMX21962WH*	*113.15*
1.6 GPF Tank • Combination MX-20-914		
White	*GEMX28994WH*	*77.50*

Maxwell® Elongated ErgoHeight™ Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

14" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
White	*GEMX21928WH*	*150.35*
1.6 GPF Tank • Combination MX-20-924		
White	*GEMX28994WH*	*77.50*

Rear Rough-in

Maxwell® Compact Elongated Back Outlet Toilet



Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

4¼" Rear Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
White	*GE21975WH*	*384.40*
1.6 GPF Tank • Combination MX-21-022		
White	*GEMX28995WH*	*77.50*

Gerber Viper® Closets (17)

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10" Rough-ins

Viper® Round Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 15"		
White	*GEVP21552WH*	*120.90*
Biscuit	*GEVP21552BI*	*134.85*
1.28 GPF Tank • Combination GWS31500		
White	*GEWS38595WH*	*106.95*
Biscuit	*GEWS38595BI*	*123.47*

Viper® Elongated Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 15"		
White	*GEVP21562WH*	*147.25*
Biscuit	*GEVP21562BI*	*165.85*
1.28 GPF Tank • Combination GWS31510		
White	*GEWS38595WH*	*106.95*
Biscuit	*GEWS38595BI*	*123.47*

Viper® Elongated ErgoHeight™ Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 17⅛" ErgoHeight™		
White	*GEVP31528WH*	*203.05*
Biscuit	*GEVP31528BI*	*248.33*
1.28 GPF Tank • Combination GWS31517		
White	*GEWS38595WH*	*106.95*
Biscuit	*GEWS38595BI*	*123.47*

12" Rough-ins

Viper® Round Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 15"		
White	*GEVP21552WH*	*120.90*
Biscuit	*GEVP21552BI*	*134.85*
Bone	*GEVP21552BO*	*134.85*
1.28 GPF Tank • Combination GWS31502		
White	*GEWS38590WH*	*71.30*
Biscuit	*GEWS38590BI*	*85.92*
Bone	*GEWS38590BO*	*85.92*
1.28 GPF Insulated Tank		
White	*GEWS38592WH*	*105.40*
Biscuit	*GEWS38592BI*	*121.64*
1.28 GPF Right-Hand Trip Lever Tank		
White	*GEWS38590WHR*	*71.30*
1.28 GPF Tank • Combination WS-21-502		
White	*GEWS28590WH*	*65.10*
1.6 GPF Tank • Combination GVP31512		
White	*GEVP38590WH*	*71.30*

Viper® Elongated Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 15"		
White	*GEVP21562WH*	*147.25*
Biscuit	*GEVP21562BI*	*165.85*
Bone	*GEVP21562BO*	*165.85*
1.28 GPF Tank • Combination GWS31512		
White	*GEWS38590WH*	*71.30*
Biscuit	*GEWS38590BI*	*85.92*
Bone	*GEWS38590BO*	*85.92*
1.28 GPF Insulated Tank		
White	*GEWS38592WH*	*105.40*
Biscuit	*GEWS38592BI*	*121.64*
1.28 GPF Right-Hand Trip Lever Tank		
White	*GEWS38590WHR*	*71.30*
1.28 GPF Tank • Combination WS-21-512		
White	*GEWS28590WH*	*65.10*
1.6 GPF Tank • Combination GVP31512		
White	*GEVP38590WH*	*71.30*

Viper® Elongated ErgoHeight™ Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
Biscuit	*GEVP21528BI*	*257.30*
ADA Elongated Front Bowl, 17⅛" ErgoHeight™		
White	*GEVP31528WH*	*203.05*
Biscuit	*GEVP31528BI*	*248.33*
Bone	*GEVP31528BO*	*248.33*
1.28 GPF Tank • Combination GWS31518		
White	*GEWS38590WH*	*71.30*
Biscuit	*GEWS38590BI*	*85.92*
Bone	*GEWS38590BO*	*85.92*
1.28 GPF Insulated Tank		
White	*GEWS38592WH*	*105.40*
Biscuit	*GEWS38592BI*	*121.64*
1.28 GPF Right-Hand Trip Lever Tank		
White	*GEWS38590WHR*	*71.30*
1.28 GPF Tank • Combination WS-21-518		
White	*GEWS28590WH*	*65.10*
1.6 GPF Tank • Combination GVP31512		
White	*GEVP38590WH*	*71.30*

Viper® Compact Elongated ErgoHeight™ Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16⅜" ErgoHeight		
White	*GEHE21872WH*	*218.55*
1.28 GPF Tank • Combination HE-21-519		
White	*GEHE28570WH*	*75.95*

Replacement Trip Lever



COLOR	STOCK NO	EACH
Chrome, Left-hand	*GE99001*	*36.58*
White, Left-hand	*GE99001WH*	*34.49*
White, Right-hand	*GE99001RHWH*	*36.58*

Gerber Viper® 14" Rough-ins

Viper® Round Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

14" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 15"		
White	*GEVP21552WH*	*120.90*
1.28 GPF Tank • Combination GWS31524		
White	*GEWS38594WH*	*106.95*

Viper® Elongated Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

14" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 15"		
White	*GEVP21562WH*	*147.25*
1.28 GPF Tank • Combination GWS31524		
White	*GEWS38594WH*	*106.95*

Viper® Elongated ErgoHeight™ Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

14" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 17⅛" ErgoHeight™		
White	*GEVP31528WH*	*203.05*
1.28 GPF Tank • Combination GWS31524		
White	*GEWS38594WH*	*106.95*

Gerber Avalanche® Closets (17)

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10" Rough-ins

Avalanche® Elongated Toilet



Extra-Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 15½"-16"		
White	*GEAV21862WH*	*186.00*
1.28 GPF Tank • Combination WS-21-810		
White	*GEWS28895WH*	*128.65*

Avalanche® Elongated ErgoHeight™ Toilet



Extra-Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
White	*GEAV21828WH*	*232.50*
1.28 GPF Tank • Combination WS-21-817		
White	*GEWS28895WH*	*128.65*

Universal Tank Levers



- Attaches to all Flush Valve Styles & Sizes
- Designed to Fit all Gerber Gravity Single Flush Toilets and Most Other Gravity Single Flush Models on the Market
- Fits all Flapper Chains Links & Bead Styles
- Optimized to be Used with Both 2" and 3" Toilet Flappers
- Reinforced Elbow for Improved Strength

COLOR	STOCK NO	EACH
Chrome	*GEGA70036054*	*33.70*
Brushed Nickel	*GEGA70036054BN*	*36.05*
Satin Black	*GEGA70036054BS*	*37.62*

Replacement Flapper



For 1.28gpf 3" Flush Valves

STOCK NO	EACH
GE99788	*10.45*

12" Rough-ins

Avalanche® Round ErgoHeight™ Toilet



Extra-Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Round Front Bowl, 17⅛" ErgoHeight™		
White	*GEAV31852WH*	*175.15*
1.28 GPF Tank • Combination GWS31802		
White	*GEWS38890WH*	*103.85*
1.28 GPF Right-Hand Trip Lever Tank		
White	*GEWS38890WHR*	*103.85*
1.6 GPF Tank • Combination GAV31802		
White	*GEAV38890WH*	*103.85*

Avalanche® Elongated Toilet



Extra-Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 15½"-16"		
White	*GEAV21862WH*	*186.00*
1.28 GPF Tank • Combination GWS31812		
White	*GEWS38890WH*	*103.85*
1.28 GPF Right-Hand Trip Lever Tank		
White	*GEWS38890WHR*	*103.85*
1.6 GPF Tank • Combination AV-21-812		
White	*GEAV38890WH*	*103.85*

Avalanche® Elongated ErgoHeight™ Toilet



Extra-Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16½" ErgoHeight		
White	*GEAV21828WH*	*232.50*
1.28 GPF Tank • Combination GWS31818		
White	*GEWS38890WH*	*103.85*
1.28 GPF Right-Hand Trip Lever Tank		
White	*GEWS38890WHR*	*103.85*
1.6 GPF Tank • Combination AV-21-818		
White	*GEAV38890WH*	*103.85*

Avalanche Elite™

Avalanche Elite™ Round ErgoHeight™ Toilet



PowerClean XL Dual fed siphon jet Flushing System
- 3" flush valve
- 2⅛" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Round Front Bowl, 17" ErgoHeight		
White	*GEAB21852WH*	*218.55*
1.6 GPF Tank • Combination AV-20-852		
White	*GEAL28890WH*	*113.15*
1.6 GPF Right-Hand Trip Lever Tank		
White	*GEAL28890WHR*	*113.15*

Avalanche Elite™ Elongated ErgoHeight™ Toilet



PowerClean XL Dual fed siphon jet Flushing System
- 3" flush valve
- 2⅛" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 17" ErgoHeight		
White	*GEAB21828WH*	*288.30*
1.6 GPF Tank • Combination AV-20-828		
White	*GEAL28890WH*	*113.15*
1.6 GPF Right-Hand Trip Lever Tank		
White	*GEAL28890WHR*	*113.15*

Avalanche Skirted Concealed Trapway

Avalanche® Elongated ErgoHeight™ Toilet



Large Dual fed siphon jet Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 17⅛" ErgoHeight™		
White	*GE21832WH*	*215.45*
1.28 GPF Tank • Combination G0020832		
White	*GE28830WH*	*181.35*

Ultra Flush® 10" Rough-ins

Ultra Flush® Round Toilet



Dual fed siphon jet
Pressurized Flushing System
- Sloan Flushmate Pressure Vessel Inside
- 2" glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 14¼"		
White	*GEUF21342WH*	*175.15*
1.6 GPF Tank • Combination 20-300		
White	*GE28385WH*	*261.95*

Ultra Flush® Elongated Toilet



Dual fed siphon jet
Pressurized Flushing System
- Sloan Flushmate Pressure Vessel Inside
- 2" glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 14¼"		
White	*GEUF21372WH*	*198.40*
1.6 GPF Tank • Combination 20-311		
White	*GE28385WH*	*261.95*

Ultra Flush® Elongated ErgoHeight™ Toilet



Dual fed siphon jet
Pressurized Flushing System
- Sloan Flushmate Pressure Vessel Inside
- 2" glazed trapway
- Chrome trip lever

10" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 17" ErgoHeight		
White	*GEUF21377WH*	*224.75*
1.6 GPF Tank • Combination 20-317		
White	*GE28385WH*	*261.95*

Ultra Flush® 12" Rough-ins

Ultra Flush® Round Toilet



Dual fed siphon jet
Pressurized Flushing System
- Sloan Flushmate Pressure Vessel Inside
- 2" glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Round Front Bowl, 14¼"		
White	*GEUF21342WH*	*175.15*
1.6 GPF Tank • Combination 20-302		
White	*GE28380WH*	*238.70*

Ultra Flush® Elongated Toilet



Dual fed siphon jet
Pressurized Flushing System
- Sloan Flushmate Pressure Vessel Inside
- 2" glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
Elongated Front Bowl, 14¼"		
White	*GEUF21372WH*	*198.40*
1.6 GPF Tank • Combination 20-312		
White	*GE28380WH*	*238.70*

Ultra Flush® Elongated ErgoHeight™ Toilet



Dual fed siphon jet
Pressurized Flushing System
- Sloan Flushmate Pressure Vessel Inside
- 2" glazed trapway
- Chrome trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 17" ErgoHeight		
White	*GEUF21377WH*	*224.75*
1.6 GPF Tank • Combination 20-318		
White	*GE28380WH*	*238.70*

Ultra Flush® Tank ONLY with Right Hand Trip Lever



12" Rough-ins ONLY • White

GPF	STOCK NO	EACH
1.6 GPF	*GE28380WHR*	*238.70*

Logan Square™

Logan Square™ Elongat ErgoHeight™ Toilet



Dual fed siphon jet
Flushing System
- 3" flush valve
- 2" glazed trapway
- Color match trip lever

12" Rough-in • LESS Toilet Seat

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16⅝" ErgoHeight		
White	*GEHE21538WH*	*316.20*
Biscuit	*GEHE21538BI*	*349.53*
1.28 GPF Tank • Combination HE-20-018		
White	*GEHE28530WH*	*235.60*
Biscuit	*GEHE28530BI*	*265.83*

Burr Ridge™

Burr Ridge™ Elongated ErgoHeight™ Toilet



"PowerClean"
Flushing System
- 3" flush valve
- 2" glazed trapway
- Chrome metal match trip lever

12" Rough-in • Toilet Seat included

COLOR	STOCK NO	EACH
ADA Elongated Front Bowl, 16⅝" ErgoHeight		
1.28 GPF Tank • 21-187-CT		
White	*GE21187CT*	*470.58*

Gerber Urinals and Lavatories (17)

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Wall Mount Urinals



Layfayette™ Wall Mount Urinal

0.5/1.0 GPF Washout flush action

- 14" x 18½" x 23⅜"
- Elongated rim
- ¾" top spud
- Integral strainer
- Outlet connection threaded 2"inside (NPTF)
- When top of rim installed 17" from finished floor

COLOR	MODEL	STOCK NO	EACH
White	GHE27740	GEHE27740WH	136.40



Monitor™ Wall Mount Urinal

0.125 - 1.0 GPF Washout

- 14⅜" x 19¼" x 27"
- Integral flush spreader
- Extended Shields
- 1" x ¾" top spud
- Dual wall hangers
- 2" outlet spud NPT connection supplied
- When top of rim installed 17" from finished floor

Flushometer & strainer sold separately

COLOR	MODEL	STOCK NO	EACH
White	GHE27780	GEHE27780WH	296.05



Hamilton™ Wall Mount Urinal

0.125 gpf, 0.5 gpf, and 1.0 gpf when used with the appropriate flush valve

- 14⅛" x 17½" x 26½"
- Extended shields
- ¾" top spud
- Dual Wall Hanger G0099290 Included
- Integral flush spreader
- 2" Outlet spud NPT G0099160 Included
- When top of rim installed 17" from finished floor

Flushometer & Strainer sold separately

COLOR	MODEL	STOCK NO	EACH
White	GHE27770	GEHE27770WH	300.70

For Flush Valves see page 354-360

Wall Mount Sinks



West Point™ Wall Mount Sink

- 14⅛" x 12"
- Front overflow
- 2 integral self-draining soap dishes

4" Centers • Bowl size 11⅜" x 7⅛"

COLOR	MODEL	STOCK NO	EACH
White	12-354	GE12354WH	71.30



Plymouth™ Wall Mount Sink

- 19" x 17"
- Rear overflow
- 2 integral self-draining soap dishes
- From 31" to 34" when used with offset drain

4" Centers • Bowl size 15" x 10¾"

COLOR	MODEL	STOCK NO	EACH
White	12-314	GE12314WH	74.40



Monticello II™ Wall Mount Sink

- 20" x 18"
- Back Splash
- Rear overflow
- 2 integral self-draining soap dishes
- From 31" to 34" when used with offset drain

4" Centers • Bowl size 15" x 10"

COLOR	MODEL	STOCK NO	EACH
White	12-654	GE12654WH	100.75

Undercounter Sinks



Logan Square™ Undercounter Sink

- 20½" x 17³⁄₁₆"
- Front overflow

Bowl size 18⅛" x 14¾"

COLOR	MODEL	STOCK NO	EACH
White	12-760	GE12760WH	138.26
Biscuit	12-760	GE12760BI	213.90

Drop In Sinks



Maxwell® Oval Drop-In Sink

- 21" x 17⅞"
- Self-rimming
- Front overflow

4" Centers • Bowl size 16" x 10⅞"

COLOR	MODEL	STOCK NO	EACH
White	12-384	GE12834WH	43.40
Biscuit	12-384	GE12834BI	59.71



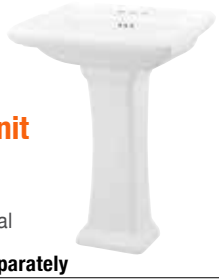
Logan Square™ Drop-In Sink

- 23⅝" x 18⅛"
- Self-rimming
- Front overflow

4" Centers • Bowl size 17¼" x 9⅞"

COLOR	MODEL	STOCK NO	EACH
White	12-875	GE12875WH	207.70

Pedestal Sinks



22-585/22-589 Logan Square™ Sink & Pedestal Unit

- 25½" x 20½"
- Large deck space
- Rear overflow
- 35" height with pedestal

Bowl size 20⅞" x 10⅞"

Required Pedestal sold separately

COLOR	MODEL	STOCK NO	EACH
White 4" Centers	12-585	GE12585WH	503.75
White 8" Centers	12-589	GE12589WH	503.75
White Pedestal	29-847	GE29847WH	101.53



Maxwell® Sink & Pedestal Unit

- 25½" x 20½"
- Back Splash
- Front overflow
- 34" height with pedestal

4" Centers • Required Pedestal sold separately

COLOR	MODEL	STOCK NO	EACH
White Lavatory	12-514	GE12514WH	122.45
White Pedestal	29-842	GE29842	48.05

Sloan Bowls, Urinals and Lavs (17)

sloanvalve.com

Elongated Floor Mount Universal Water Closet



1.1-1.6 GPF Siphon Jet Flushing Action
- 26¾" x 14" x 15"
- 1½" IPS Top spud
- 2⅛" fully glazed trapway

10" or 12" Rough-in • Toilet Seat not included.

COLOR	STOCK NO	EACH
White	SL2102009	86.00

Elongated Floor Mount Universal Water Closet



1.1-1.6 GPF Siphon Jet Flushing Action
- 26¾" x 14" x 17"
- 1½" IPS Top spud
- 2⅛" fully glazed trapway

10" or 12" Rough-in • Toilet Seat not included.

COLOR	STOCK NO	EACH
White	SL2102029	103.49

Elongated Wall Mount Universal Water Closet



1.1-1.6 GPF Siphon Jet Flushing Action
- 26¾" x 15"
- 1½" IPS Top spud
- 2⅛" fully glazed trapway
- When top of rim installed 17" from finished floor

Toilet Seat not included.

COLOR	STOCK NO	EACH
White	SL2102459	86.00

SLOAN

Urinal & Royal Flushometer Combo



0.125 GPF Washdown flush action
- 14¼" x 17¼" x 25½"
- ¾" IPS top spud
- Integral flushing rim
- 2" NPT outlet flange
- Vandal resistant strainer
- Mounting hardware included
- When top of rim installed 17" from finished floor

Exposed manual Royal 186 Flushometer included.

COLOR	STOCK NO	EACH
White	SL10001001	464.26

When top of rim installed 17" from finished floor

Standard Washdown Urinal



- 14¼" x 17¼" x 25½"
- ¾" IPS top spud
- Integral flushing rim
- 2" NPT outlet flange
- Vandal resistant strainer
- Mounting hardware included

0.125-0.5 GPF Washdown flush action

COLOR	STOCK NO	EACH
White	SL1101009	179.28

Wall Mount Sink with Backsplash



- 18¼" x 20¾" x 12¼"
- Front overflow
- 4" Backsplash
- Mounting hardware incl

4" Centers • Less Carrier

COLOR	STOCK NO	EACH
White	SL3873003	55.39

Drop-In Sink



- 17" x 20" x 8"
- Front overflow
- Self-rimming

4" Centers

COLOR	STOCK NO	EACH
White	SL3873002	62.68

Niagara Bowls (17)

niagaracorp.com

The Original™ .8 GPF Elongated Toilet



- 18¾" x 31 x 28⅞"
- Quiet, powerful flush delivered with a patented Stealth flush chamber and air transfer system.
- Fluidmaster fill valve.
- No flapper to cause leakage.
- 2" fully glazed trapway.
- Chrome Side Handle.

0.8 GPF • 12" Rough-in • Toilet Seat not included.

DESCRIPTION	STOCK NO	EACH
Tank White	N7714TFHWH	110.05
Bowl White	N7717WH	168.45

NIAGARA

Saniflo (18)

saniflo.com

Saniflo offers several models for different applications and requirements for either gray or black water. Gray water is wastewater from sinks, showers, washing machines, HVAC appliances. Black water is wastewater typically from toilets.



Round Bowl



Elongated Bowl

Saniflo Water Closets

- Vitreous bowl with integral p-trap, 1.28 GPF
- Rear-outlet bowl with 16-3/4" height
- Insulated tank supplied with fill and flush valves
- Equipped with all mounting hardware
- Large 3" trapway with 4 1/2" x 3 3/4" water spot
- IAPMO Listed / EPA Watersense labeled
- 1 year limited warranty

White in color with soft-close seat included

DESCRIPTION	STOCK NO	EACH
Round Bowl	*SANIBOWLROWH*	*189.65*
Elongated ADA Bowl	*SANIBOWLELWH*	*225.01*
Insulated Tank	*SANITANKWH*	*147.06*



Saniaccess3 option

- Connects to Saniflo water closet tank
- 3/4" or 1" discharge outlet with non-return valve
- 1 1/2" vent connection
- Two 2" inlets with check valves for additional wastewater from sink, bath/shower or urinal
- 2 easy access service panels

1/2" HP Motor, 120V-60Hz / 4.5 Amps, 51" Power Cord

DESCRIPTION	STOCK NO	EACH
Macerator Pump	*SANIACCESS3*	*941.47*
Extension Pipe	*SANIEXTPIPE*	*57.00*



Sanibest Pro option

- Connects to Saniflo water closet tank
- 3/4" or 1" discharge outlet with non-return valve
- 1 1/2" vent connection
- Two 2" inlets with check valves for additional wastewater from sink, bath/shower or urinal
- Easy access service panel

1" HP Motor, 120V-60Hz / 9 Amps, 49" Power Cord

DESCRIPTION	STOCK NO	EACH
Grinder Pump	*SANIBESTPRO*	*1086.97*
Extension Pipe	*SANIEXTPIPE*	*57.00*

Toto Urinals and Lavs (17)

totousa.com

Wall Mount Urinals

UT104EX Wall Mount Urinal



0.5 GPF Washout flush action

- 24" x 13 3/4" x 15 1/8"
- 3/4" IPS top spud
- Concealed integral trap
- 2" IPS outlet
- When top of rim installed 17" from finished floor

EcoPower® Flush Valve not included.

COLOR	STOCK NO	EACH
White	*UT104EWH*	*153.64*

UT445UX Wall Mount Urinal



0.125 Washout flush action

- 29" x 18" x 16"
- 3/4" IPS top spud
- Concealed integral trap
- 2" IPS outlet
- Low profile dome strainer
- When top of rim installed 17" from finished floor

EcoPower® Flush Valve not included.

COLOR	STOCK NO	EACH
White	*UT445UWH*	*207.78*

UT447EX Wall Mount Urinal



0.5 Washout flush action

- 29 7/8" x 18 3/4" x 16 1/8"
- 3/4" IPS top spud
- Concealed integral trap
- 2" IPS outlet
- When top of rim installed 17" from finished floor

EcoPower® Flush Valve not included.

COLOR	STOCK NO	EACH
White	*UT447EWH*	*203.94*

For Toto Flush Valves see page 355

Wall Mount Sinks

LT307.4 Wall Mount Sink



- 20 7/8" x 18" x 11 1/8"
- Anti-splash rim
- Includes wall hanger
- Punching for concealed arm carrier

4" Centers

COLOR	STOCK NO	EACH
White	*LT3074WH*	*107.16*

Supreme® Wall Mount Sink



LT2418GWH



HT242WH

- 22 7/8" x 19 5/8"
- Rear overflow
- CEFIONTECT® ceramic glaze
- Includes wall hanger

8" Centers • Faucet not included

COLOR	STOCK NO	EACH
White	*LT2418GWH*	*187.11*

Shroud Only.

COLOR	STOCK NO	EACH
White	*HT242WH*	*60.14*

Undercounter Sink

Atherton™ Undercounter Sink



- 19 3/8" x 15 1/2"
- 1 1/4" waste
- Front overflow

Required for marble or granite type counter top

COLOR	STOCK NO	EACH
White	*LT233WH*	*144.59*

TOTO®

Perfection by Design

Toto Bowls and Closets (17)

totousa.com



CT725CUF Elongated Floor Mount ADA Toilet

1.0-1.6 GPF Siphon Jet Flushing Action

- 25¼"L x 14⅜"W x 17½"H
- 1½" IPS Top spud
- 1⅞" clear glazed trapway

10" or 12" Rough-in • Toilet Seat not included.

COLOR	STOCK NO	EACH
White	CT725CUFWH	169.79



CT725CU Elongated Floor Mount Toilet

1.0-1.6 GPF Siphon Jet Flushing Action

- 25¼"L x 14⅜"W x 15"H
- 1½" IPS Top spud
- 1⅞" clear glazed trapway

10" or 12" Rough-in • Toilet Seat not included.

COLOR	STOCK NO	EACH
White	CT725CUWH	138.79

When top of rim installed 17" from finished floor



CT728CU Elongated Wall Mount Toilet

1.0-1.6 GPF Siphon Jet Flushing Action

- 24⅞"L x 15¾"W x 12¾"H
- 1½" IPS Top spud
- 2⅛" clear glazed trapway

Mounting hardware & Toilet Seat not included.

COLOR	STOCK NO	EACH
White	CT728CUWH	189.54

(21)

Universal Flapper with Chain

STOCK NO	EACH
THU500S	16.20

(21)

Trip Lever

COLOR	STOCK NO	EACH
Chrome	THU068CP	36.45

(21)

Universal Fill Valve Assembly

STOCK NO	EACH
TSU99AX	35.64

For Toto Flush Valves see page 355

TOTO®

Perfection by Design



With ADA Bowl

Eco Drake Floor Mount Toilet

1.28 GPF E-Max® flushing system

- Transitional style tank
- 2⅛" glazed trapway
- Chrome trip lever

12" Rough-in • LESS Mounting hardware & Seat

DESCRIPTION	STOCK NO	EACH
Elongated ADA Bowl	C744ELWH	364.50
Elongated Bowl	C744EWH	295.50
Round Bowl	C743EWH	280.50
Tank/Cover	ST743EWH	244.52



With ADA Bowl

Drake® Floor Mount Toilet

1.28 or 1.6 GPF per tank selection

- TORNADO FLUSH® System
- CEFIONTECT® ceramic glaze
- Chrome trip lever

12" Rough-in • LESS Mounting hardware & Seat

DESCRIPTION	STOCK NO	EACH
Compatible with SW3084WH Washlet Seat		
Elongated ADA Bowl	C776CEFGWH	142.16
Elongated Bowl	C776CEGWH	132.76
Round Bowl	C775CEFGWH	131.83
1.28 GPF Tank/Cover	ST776EAWH	96.77
1.6 GPF Tank/Cover	ST776SAWH	97.87
NOT Compatible with SW3084WH Washlet Seat		
Elongated ADA Bowl	C776CEFGT40WH	142.16
Elongated Bowl	C776CEGT40WH	139.73



Entrada Floor Mount Toilet

1.28 GPF E-Max® flushing system

- 2⅛" glazed trapway
- Chrome trip lever
- Both bowls are 17¼" height

12" Rough-in • LESS Mounting hardware & Seat

DESCRIPTION	STOCK NO	EACH
Elongated ADA Bowl	C244EFWH	100.18
Round Universal Bowl	C243EFWH	87.79
Tank (left-hand trip lever)	ST243EWH	91.42
Tank (right-hand trip lever)	ST243ERWH	106.92

Toilet Seats



(18)

Softclose® Toilet Seat

Closed front toilet seat and cover with Softclose hinge system with mounting hardware.

DESCRIPTION	COLOR	STOCK NO	EACH
Elongated	White	SS11401	58.18
Round	White	SS113WH	48.36



(18)

Commercial Toilet Seat

Open front toilet seat with mounting hardware.

DESCRIPTION	COLOR	STOCK NO	EACH
Elongated	White	SC534WH	32.08



Washlet® C5 Toilet Seats

Includes:

- Wireless remote with illuminated touchpad
- Dual action Spray
- Adjustable water temerature & volume
- Warm air drying with variable settings
- Auto air deodorizer
- Heated seat with temperature control
- Water Premist™ cleans bowl before each use

DESCRIPTION	COLOR	STOCK NO	EACH
Elongated	White	SW3084WH	463.64



Softclose® Toilet Seat

Closed front toilet seat and cover with Softclose hinge system with mounting hardware.

DESCRIPTION	COLOR	STOCK NO	EACH
Elongated	Cotton	SS124WH	58.18

Residential Closet Seats (18)

bemismfg.com

American Standard Toilet Seats

americanstandard-us.com



Champion Slow-Close

- Slow-close hinge for user convenience
- Remove without tools for easy cleaning
- EverClean® Antimicrobial Surface
- Seat includes mounting hardware

COLOR	STOCK NO	EACH
For Round Bowl		
White	AS5320B65CT020	52.67
Linen	AS5320B65CT222	70.47
Bone	AS5320B65CT021	70.47
For Elongated Bowl		
White	AS5321A65CT020	62.58



Cardiff Slow-Close

- Bottom mount seat made from solid polypropylene plastic
- Slow-close hinge for user convenience
- Seat includes mounting hardware with Quick Connect Nut
- Includes EverClean® surface which inhibits the growth of stain and odor causing bacteria, mold, and mildew on the surface.

For Elongated Bowl

COLOR	STOCK NO	EACH
White	AS5257A65MT020	56.25

American Standard

Solid Plastic



Model 200E4/1200E4

- STA-TITE® seat fastening system
- Easy•Clean & Change®
- Whisper•Close® slowly closes

COLOR	STOCK NO	EACH
For Round Bowl		
White	200E4WH	43.62
Linen	200E4LI	50.33
Bone	200E4BO	50.33
For Elongated Bowl		
White	1200E4WH	47.65
Linen	1200E4LI	55.48
Bone	1200E4BO	55.48



Model 800EC

- Easy•Clean & Change®

COLOR	STOCK NO	EACH
For Round Bowl		
White	800ECWH	19.56
Linen	800ECLI	19.56
Bone	800ECBO	23.48



Model 70/170

- TopTite® Hinge
- Hex-Tite® Bolts

COLOR	STOCK NO	EACH
For Round Bowl		
White	70WH	14.59
For Elongated Bowl		
White	170WH	18.03



Model 730EC/7300EC

- Easy•Clean & Change®

COLOR	STOCK NO	EACH
For Round Bowl		
White	730ECWH	21.56
For Elongated Bowl		
White	7300ECWH	28.79

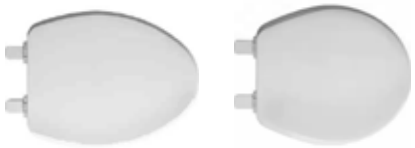
Enameled Wood Toilet Seats



Nextstep2

- Built-In Potty Seat secures magnetically
- Fits both adults and children
- Plastic child seat
- STA-TITE® Seat Fastening System
- Easy•Clean & Change
- Whisper•Close® slowly closes

COLOR	STOCK NO	EACH
For Round Bowl		
White	888SLOWWH	46.98
For Elongated Bowl		
White	1888SLOWWH	51.68



Model 600E4/1600E4

- STA-TITE® Seat Fastening System™
- Easy•Clean & Change®
- Whisper•Close® slowly closes
- Precision Seat Fit™ adjustable ½" front-to-back

COLOR	STOCK NO	EACH
For Round Bowl		
White	600E4WH	40.51
For Elongated Bowl		
White	1600E4WH	43.80



Model 500EC/1500EC

- Easy•Clean & Change®

COLOR	STOCK NO	EACH
For Round Bowl		
White	500ECWH	16.79
Linen	500ECLI	16.79
Bone	500ECBO	16.79
For Elongated Bowl		
White	1500ECWH	21.85
Linen	1500ECLI	21.85
Bone	1500ECBO	21.85



Model 1500TTT

- STA-TITE® Seat Fastening System™
- Precision Seat Fit™ adjustable ⅜" front-to-back

COLOR	STOCK NO	EACH
For Elongated Bowl		
White	1500TTTWH	21.85

Commercial Closet Seats (18)

bemismfg.com

Open Front with Cover



Model 950

- TopTite® Hinge
- Hex-Tite® Bolts

For Round Bowl • Heavy-duty plastic

COLOR	STOCK NO	EACH
White	950WH	48.99



Model 1250TTA

- TopTite® Hinge
- Hex-Tite® Bolts

For Elongated Bowl • Heavy-duty plastic

COLOR	STOCK NO	EACH
White	1250TTWH	55.84

Baby Bowl Seat



Model BB955CT Baby/Toddler Seat

- DuraGuard® Antimicrobial
- STA-TITE® Seat Fastening System™
- Non-corroding stainless steel posts and pintles

For Round Bowl • Heavy-duty plastic

COLOR	STOCK NO	EACH
White	BB955CTWH	56.72

BEMIS®

Open Front Less Cover



Model 955SSCT

- STA-TITE® Seat Fastening System™
- Self-sustaining check hinges
- Non-corroding stainless steel posts and pintles

For Round Bowl • Heavy-duty plastic

COLOR	STOCK NO	EACH
White	955SSCTWH	31.17
Black	955SSCTBL	31.17



Model 1955SSCT

- STA-TITE® Seat Fastening System™
- Self-sustaining check hinges
- Non-corroding stainless steel posts and pintles

For Elongated Bowl • Heavy-duty plastic

COLOR	STOCK NO	EACH
White	1955SSCTWH	29.48
Black	1955SSCTBL	29.48



Model 1655SSCT

- STA-TITE® Seat Fastening System™
- Self-sustaining check hinges
- Non-corroding stainless steel posts and pintles

For Elongated Bowl • Extra Heavy-duty plastic

COLOR	STOCK NO	EACH
White	1655SSCTWH	45.82
Black	1655SSCTBL	45.82

Elkay Celebrity Stainless Steel Sinks (18a)

elkay.com

Single Bowl Drop-in Sinks

CR1721



- 17" x 21" x 7"
- Single Compartment
- 14" x 15¾" x 6¾" Bowl Size
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELCR17213	307.72

CR2522



- 25" x 22" x 7"
- Single Compartment
- 21" x 15¾" x 6¾" Bowl Size
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELCR25224	320.05

PSR1918



- 19" x 18" x 7⅛"
- Single Compartment
- 16" x 11½" x 7" Bowl Size
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
2-Hole	ELPSR19182	412.84
3-Hole	ELPSR19183	412.84

PSR2219



- 22" x 19½" x 7⅛"
- Single Compartment
- 18" x 14" x 7" Bowl Size
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELPSR22193	458.06

PSR2522



- 25" x 22" x 7½"
- Single Compartment
- 21" x 15¾" x 7⅛" Bowl Size
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELPSR25223	494.46
4-Hole	ELPSR25224	494.46

Double Bowl Drop-in Sinks

CR3322



- 33" x 22" x 7"
- Equal Double Compartments
- 14" x 15¾" x 6¾" Bowl Sizes
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELCR33223	451.60
4-Hole	ELCR33224	451.60

PSR3319



- 33" x 19½" x 7⅛"
- Equal Double Compartments
- 14" x 14" x 7" Bowl Sizes
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELPSR33193	704.70

PSR3321



- 33" x 21¼" x 7½"
- Equal Double Compartments
- 13½" x 16" x 7⅜" Bowl Sizes
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELPSR33214	718.79

PSR3322



- 33" x 22" x 7½"
- Equal Double Compartments
- 13½" x 16" x 7⅛" Bowl Sizes
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELPSR33223	718.79
4-Hole	ELPSR33224	718.79

Elkay Sink Clips



- 14 Speed Clips
- 14 Self Rim Screws

STOCK NO	EACH
64090014	28.07

Bar Drop-in Sinks

BCR150C Bar Sink



- 15" x 15" x 6⅛"
- Single Compartment
- 12" x 10" x 6" Bowl Size
- 20 Gauge Stainless Steel Sink
- ADA Compliant

Includes LKA2475LF Faucet & LK58 Drain

FAUCET HOLES	STOCK NO	EACH
2-Hole	ELBCRA150C	388.76

BPSR15 Bar Sink



- 15" x 15" x 6⅛"
- Single Compartment
- 12" x 9¼" x 6" Bowl Size
- 20 Gauge Stainless Steel Sink
- ADA Compliant

FAUCET HOLES	STOCK NO	EACH
1-Hole	ELBPSR151	328.27
2-Hole	ELBPSR152	328.27

Wall Mount Sink

CHSB1716C Handwash Sink Kit



- 16¾" x 15½" x 13"
- Single Compartment
- 12" x 9¼" x 6" Bowl Size
- 7" High Backsplash
- Type 304 Stainless Steel Sink

Includes LKB400 Faucet, LKB8 Drain & Wall Hanger

FAUCET HOLES	STOCK NO	EACH
2-Hole	ELCHSB1716C	548.10

Elkay Lustertone Stainless Steel Sinks (18a)

elkay.com

Single Bowl Drop-in Sinks



LR1517
- 15" x 17½" x 7⅝"
- Single Compartment
- 12" x 12" x 7½" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELLR15173	599.58



LR1722
- 17" x 22" x 7⅝"
- Single Compartment
- 13½" x 16" x 7½" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELLR17223	620.72



LR1918
- 19" x 18" x 7⅝"
- Single Compartment
- 16" x 11½" x 7½" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELLR19183	623.07



LR2522
- 25" x 22" x 8⅛"
- Single Compartment
- 21" x 15¾" x 7¾" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELLR25224	705.87



DLR172210
- 17" x 22" x 10⅛"
- Single Compartment
- 13½" x 16" x 10" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELDLR1722103	759.31



DLR191910
- 19½" x 19" x 10⅛"
- Single Compartment
- 16" x 13½" x 10" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELDLR1919103	792.20



DLR252210
- 25" x 15¾" x 10⅜"
- Single Compartment
- 21" x 15¾" x 10" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELDLR2522103	895.56



DLR252212
- 25" x 22" x 12⅛"
- Single Compartment
- 21" x 15¾" x 12" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELDLR2522123	986.58

Bar Drop-in Sink



BLR151 Bar Sink
- 15" x 15" x 7⅛"
- Single Compartment
- 12" x 9¼" x 7" Bowl Size
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
1-Hole	ELBLR151	573.16

Double Bowl Drop-in Sinks



LR2918
- 29" x 18" x 7⅝"
- Equal Double Compartments
- 12" x 12" x 7½" Bowl Sizes
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELLR29184	1013.59



LR3322
- 33" x 22" x 8⅛"
- Equal Double Compartments
- 13½" x 16" x 7¾" Bowl Sizes
- 18 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELLR33223	1053.53
4-Hole	ELLR33224	1053.53

Undermount Sinks



ELUH3118
- 30¾" x 18½" x 7⅞"
- Equal Double Compartments
- 13½" x 16" x 7⅞" Bowl Sizes
- 18 Gauge Stainless Steel Sink

STOCK NO	EACH
ELELUH3118	782.22



ELUH3120R
- 31¼" x 20½" x 9⅞"
- Offset Compartments
- 14" x 18" x 9⅞" Bowl One Size
- 13½" x 16" x 7⅞" Bowl Two Size
- 18 Gauge Stainless Steel Sink

STOCK NO	EACH
ELELUH3120R	910.82



ELUH3120L
- 31¼" x 20½" x 9⅞"
- Offset Compartments
- 13½" x 16" x 7⅞" Bowl One Size
- 14" x 18" x 9⅞" Bowl Two Size
- 18 Gauge Stainless Steel Sink

STOCK NO	EACH
ELELUH3120L	910.82



ELUH1316
- 16" x 18½" x 7⅞"
- Single Compartment
- 13½" x 16" x 7⅞" Bowl Size
- 18 Gauge Stainless Steel Sink

STOCK NO	EACH
ELELUH1316	434.57

Elkay Dayton Stainless Steel Sinks (18a)

elkay.com

Double Bowl Drop-in Sinks

GE23321



- 33" x 21¼" x 5⅜"
- Equal Double Compartments
- 14" x 15¾" x 5¼" Bowl Sizes
- 22 Gauge Stainless Steel Sink
- ADA Compliant

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELGE233213	198.49

D23321



- 33" x 21¼" x 6⁹⁄₁₆"
- Equal Double Compartments
- 14" x 15¾" x 6⅜" Bowl Sizes
- 22 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELD233213	110.20
4-Hole	ELD233214	110.20

D23322



- 33" x 22" x 6⁹⁄₁₆"
- Equal Double Compartments
- 14" x 15¾" x 6⅜" Bowl Sizes
- 22 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELD233223	110.20
4-Hole	ELD233224	110.20

D23319



- 33" x 19" x 6⁷⁄₁₆"
- Equal Double Compartments
- 14" x 14" x 6⁵⁄₁₆" Bowl Sizes
- 22 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELD233194	140.65

DD23322



- 33" x 22" x 7¹⁄₁₆"
- Equal Double Compartments
- 14" x 15¾" x 6⅞" Bowl Sizes
- 22 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELDD233224	187.33

DSE23321



- 33" x 21¼" x 8¹⁄₁₆"
- Equal Double Compartments
- 14" x 15¾" x 7⅞" Bowl Sizes
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
4-Hole	ELDSE233214	168.20

DSE23322



- 33" x 22" x 8¹⁄₁₆"
- Equal Double Compartments
- 14" x 15¾" x 7⅞" Bowl Sizes
- 20 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
1-Hole	ELDSE233221	168.20
3-Hole	ELDSE233223	168.20
4-Hole	ELDSE233224	168.20

Bar Drop-in Sinks

D11719 Bar Sinks



- 17" x 19" x 6⅜"
- Single Compartment
- 14" x 14" x 6" Bowl Size
- 22 Gauge Stainless Steel Sink
- ADA Compliant

FAUCET HOLES	STOCK NO	EACH
2-Hole	ELD117192	113.10
3-Hole	ELD117193	113.10

Undermount Sinks

DXUH1618 Bar Sink



- 16½" x 18¼" x 8"
- Single Compartment
- 14" x 15¾" x 8" Bowl Size
- 18 Gauge Stainless Steel Sink

STOCK NO	EACH
ELDXUH1618	200.10

DXUH3118



- 31¾" x 18¼" x 8"
- Equal Double Compartments
- 14" x 15¾" x 8" Bowl Sizea
- 18 Gauge Stainless Steel Sink

STOCK NO	EACH
ELDXUH3118	291.45

Single Bowl Drop-in Sinks

GE12521R3/L3



- 25" x 21¼" x 5⅜"
- Single Compartment
- 21" x 15¾" x 5¼" Bowl Size
- 22 Gauge Stainless Steel Sink
- ADA Compliant

FAUCET HOLES	DRAIN LOCATION	STOCK NO	EACH
3-Hole	Right	ELGE12521R3	170.89
3-Hole	Left	ELGE12521L3	154.45

D12521



- 25" x 21¼" x 6⁹⁄₁₆"
- Single Compartment
- 21" x 15¾" x 6⅜" Bowl Size
- 22 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELD125213	94.25

D12522



- 25" x 22" x 6⁹⁄₁₆"
- Single Compartment
- 21" x 15¾" x 6⅜" Bowl Size
- 22 Gauge Stainless Steel Sink

FAUCET HOLES	STOCK NO	EACH
3-Hole	ELD125223	94.25
4-Hole	ELD125224	94.25

In-Sink-Erator Disposals (18)

insinkerator.com

Badger I



- Lift and Latch™ technology.
- 1/3 Horsepower Dura-Drive® Induction Motor
- Galvanized Steel Construction
- 1-year We Come to You® In-Home Service Warranty
- Assembled in USA
- Quick Lock® Sink Mount allows for easy installation and disposal replacement

STOCK NO	EACH
INBA	*126.15*
with 3' 120v power cord	
INBAW	*131.29*

Badger 5



- Lift and Latch™ technology.
- 1/2 Horsepower Dura-Drive® Induction Motor
- Galvanized Steel Construction
- 3-Year We Come To You® In-Home Full Service Limited Warranty Covers parts and labor
- Quick Lock® Sink Mount allows for easy installation and disposer replacement

STOCK NO	EACH
INBAV	*146.50*
with 3' 120v power cord	
INBAVW	*151.65*

Badger 5XP



- Lift & Latch™ technology.
- 3/4 Horsepower Dura-Drive® Induction Motor
- Stainless Steel Grind Components
- 4-Year We Come To You® In-Home Full Service Limited Warranty Covers parts and labor
- Quick Lock® Sink Mount allows for easy installation and disposer replacement

with 3' 120v power cord

STOCK NO	EACH
INBAVXPW	*198.79*

PRO 750™



- 3/4 HP long-lasting, Dura-Drive® induction motor
- 10-Year We Come to You™ Limited In Home Warranty
- Quiet SoundSeal Technology® delivers quiet disposal operation
- Advanced Grind for tough and fibrous food scraps
- 3-Stage MultiGrind® Technology: Finest Grind Designed to Prevent Clogs
- EZ Connect
- Removable, Diswasher Safe, Antimicrobial Quiet Collar® Sink Baffle
- Safe for properly maintained septic tanks

with 3' 120v power cord

STOCK NO	EACH
PRO750W	*304.37*

We Come To You™ In Home Warranty

All InSinkErator models provide in-home limited warranties. That means We Come to You whenever your InSinkErator garbage disposal or hot water dispenser needs service within the warranty period.

Evolution Pro 880LT



- MultiGrind™ 2 stages
- SoundSeal™ Technology
- 8 Year parts and labor in-home service warranty
- Auto Reverse Grind System™
- 7/8 HP DuraDrive® induction motor
- Stainless Steel Grind Components

with 3' 120v power cord

STOCK NO	EACH
PRO880LTW	*339.75*

Evolution Pro 1000LP



- MultiGrind™ Technology
- SoundSeal™ Technology
- Auto Reverse Grind System™
- 1 HP Single Phase Motor
- 10 year In-Home Limited Warranty
- Stainless Steel Grind Components

with 3' 120v power cord

STOCK NO	EACH
PRO1000LPW	*474.22*

Contractor 333



- 3/4 HP long-lasting, Dura-Drive® Induction motor
- 7-Year We Come to You™ Limited In Home Warranty
- Reduced Sound featuring a reduced noise level over a standard disposal.
- Power Grind for tough food scraps.
- 2-Stage MultiGrind® Technology: Finer grind designed to prevent clogs
- EZ Connect
- Advanced Grind for tough & fibrous food scraps
- Removable, Diswasher Safe Antimicrobial Baffle
- Safe for properly maintained septic tanks.

with 3' 120v power cord

STOCK NO	EACH
INCNTR333W	*236.72*

Contractor 1000



- 1 HP long-lasting, Dura-Drive® Induction motor
- 8-Year We Come to You® Limited In Home Warranty
- Reduced Sound featuring a reduced noise level over a standard disposal
- Power Grind for tough food scraps
- 2-Stage MultiGrind® Technology: Finest grind designed to prevent clogs
- EZ Connect
- Removable, Diswasher Safe Antimicrobial Baffle
- Safe for properly maintained septic tanks

with 3' 120v power cord

STOCK NO	EACH
INCNTR1000W	*270.94*

NEW ITEM

InSinkErator BOOST™



- DIY Friendly Installation
- Compatible with ALL InSinkErator® disposals
- Attaches directly into disposal dishwasher inlet
- Includes 1 bottle of Septic Guard Solution
- Dispenses Septic Guard every 12 hours
- Includes Power Cord or powered by 4x AA Batteries (not included)

STOCK NO	EACH
ISE80051BIS	*101.22*
Septic Guard Solution Refill Bottle	
ISE80052SGR	*28.40*

PRO Cover Control



- 3/4 HP Long-Lasting, Dura-Drive® Induction Motor
- 10-Year We Come to You™ Limited In Home Warranty
- Quiet SoundSeal Technology®
- 3-Stage MultiGrind® Technology: Designed to Prevent Clogs
- EZ Connect
- Removable, Diswasher Safe, Antimicrobial Quiet Collar® Sink Baffle
- Safe for properly maintained septic tanks

with 3' 120v power cord

STOCK NO	EACH
PROCCPLUSW	*392.30*

Septic Assist™



- MultiGrind™
- SoundSeal™
- 8 Year parts and labor in-home service warranty
- Bio-Charge® Injection Technology
- 3/4 HP DuraDrive® induction motor
- Stainless Steel Grind Components

STOCK NO	EACH
PROSEPTIC	*333.30*

Septic Assist™ Replacement Cartridge

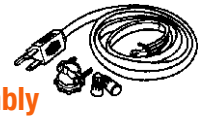


- Bio-Charge Enzyme: Treatment to break down food and other household waste
- Citriscent to help control odors

For use with PROSEPTIC ONLY, NOT compatible with InSinkErator BOOST

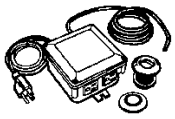
STOCK NO	EACH
INSEPREF	*18.35*

Accessories (21)



Power Cord Assembly

STOCK NO	EACH
INCRD00	*17.16*



SinkTop Switch

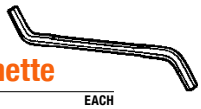
STOCK NO	EACH
INSTS00	*133.76*



SinkTop Switch Button

FOR STS SinkTop Switch

FINISH	STOCK NO	PRICE
Satin Nickel	*INSTCSN*	*28.40*
Oil Rubbed Bronze	*INSTCORB*	*28.40*
Matte Black	*INSTCMTBLK*	*28.40*



JamBuster® Wrenchette

STOCK NO	EACH
INWRN00	*9.08*

Stoppers, Baffles, Mounting Gaskets, and Sink Flanges (21)



Plastic Stopper

STOCK NO	EACH
INSTPPL	9.08



Stainless Steel Stopper

STOCK NO	EACH
INSTPSS	17.56



Removable Sound Baffle

STOCK NO	EACH
INRSB00	9.48



Quiet Collar Sink Baffle

STOCK NO	EACH
INQCBAM	13.33



Mounting Gaskets

FOR Badgers, 444 & Pro333

STOCK NO	EACH
INSMG00	11.87

FOR 555SS, 777SS, Pro77, & Older Pro Series Models

STOCK NO	EACH
INDMG00	12.77



Sink Flanges

FINISH	STOCK NO	PRICE
Stainless Steel	INFLGSS	25.14
White	INWHFL	41.40



(18)
Mountain Plumbing

3½" Deluxe Stemball Kitchen Sink Strainer

FINISH	STOCK NO	PRICE
PVD Oil Rub Bronze	MT300PVDORB	126.44



(18)
Mountain Plumbing

Stopper & Strainer Unit
Waste Disposer Trim

FINISH	STOCK NO	PRICE
Br. Stainless	MT200EVBRS	50.89
Oil Rubbed Brz	MT200EVORB	83.11
PVD Oil Rub Bronze	MT200EVPVDORB	130.98



#5 Sink Flange Kit

No welding disposer mount
for standard 3-1/2" - 4" sink openings.

STOCK NO	EACH
IN12506	536.20



Mounting Gasket

STOCK NO	EACH
IN11016	65.00

Hot Water Dispensers

Instant Hot Water Dispenser Systems

- Mounts on sink, 1¼" Hole
- Includes 2/3-gallon hot water tank
- Easy to adjust temperature control
- Tool-free tank connections and dry start protection to ease installation
- Provides 60 cups/hr of near-boiling water
- We Come To You® 3-Year in-home limited warranty
- 115 volts, 750 watts, 6.5 amps



HC-View-SS

Dispenses near-boiling 200°F and cool drinking water

FINISH	STOCK NO	PRICE
Chrome	INHCVIEWCSS	599.68
Satin Nickel	INHCVIEWSNSS	671.08



HC-Wave-SS

Dispenses near-boiling 200°F and cool drinking water

FINISH	STOCK NO	PRICE
Chrome	INHCWAVECSS	599.68
Satin Nickel	INHCWAVESNSS	671.08



H-Classic-SS

Hot Only

Dispenses near-boiling 200°F water

FINISH	STOCK NO	PRICE
Chrome	INHCLCSS	414.38

Hot Water Dispenser Faucet



Indulge Contemporary Instant Hot Water Dispenser

- Durable all brass construction
- Automatic shut-off of hot water
- 5-Year We Come To You® in-home warranty

Tank Sold SEPARATELY

FINISH	STOCK NO	PRICE
Oil Rubbed Brz	INFHC1100RB	650.10

Hot Water Dispenser Water Filtration



Model HWT-F1000S

- Includes hot water tank, head bracket, F-1000 replacement filter, 2 polyethylene tubes, quick-connect fitting, 2 mounting screws, & ¼" compression fittings
- Stainless-steel construction (UL Certified)
- Easy-to-adjust temperature control 160-210 °F
- Compact 2/3-gallon holding capacity
- Up to 60 cups/hour of hot, filtered water
- 115 volts, 750 watts, 6.25 amps
- We Come To You® 3-Year In-Home Limited Warranty on tank; 1-Year on filtration system
- F-1000 filter reduces particulates, chlorine taste and odor (NSF 42 Certified)
- Recommended 6 months filter replacement

STOCK NO	EACH
INHWTF1000S	459.16

Foodservice Disposers



SS-100 Small Capacity

- Corrosion Resistant Stainless Steel
- Cast Nickel Chrome Alloy Shredders
- 1 HP Motor, 1725 RPM's
- Triple lip seal protects motor

STOCK NO	EACH
115/208-230V, 60 Hz, 1 Phase cULus	
INSS10028	2142.55
208-230/460V, 60 Hz, 3 Phase cULus	
INSS10047	2142.55



SS-200 Medium Capacity

- Corrosion Resistant Stainless Steel
- Cast Nickel Chrome Alloy Shredders
- 2 HP Motor, 1725 RPM's
- Triple lip seal protects motor

STOCK NO	EACH
115/208-230V, 60 Hz, 1 Phase cULus	
INSS20027	3190.83
208-230/460V, 60 Hz, 3 Phase cULus	
INSS20035	3190.83

Mustee Products (18)

mustee.com

Laundry Tubs



Model 17

- 16" x 23" x 23½"
- DURASTONE® Fiberglass
- Built-in angled scrub board
- 19 Gallon capacity, extra deep 13" tub
- Connects to standard 1½" P or S trap

4" or 8" centers for dual-handle faucets
Wall model includes mounting bracket

DESCRIPTION	STOCK NO	EACH
Wall hung	*MU17W*	*131.48*
Wall hung (4-pack)	*MU17WK*	*451.66*
Floor mount (34" height)	*MU17F*	*131.48*
Floor Mount (4-pack)	*MU17FK*	*451.66*



Model 26

- 14⅜" x 40" x 24"
- DURASTONE® Fiberglass
- 19 Gallon capacity, extra deep 13" tubs
- Double compartment with 1" recessed divider
- Connects to standard 1½" P or S trap

4" or 8" centers for single or dual-handle faucets
Wall model includes mounting bracket

DESCRIPTION	STOCK NO	EACH
Wall Hung	*MU26WM*	*268.25*
Floor mount (34" height)	*MU26FM*	*268.25*



Model 19

- 14⅜" x 20" x 24",
- Thermoplastic resins
- 18 Gallon capacity, extra deep 13" tub
- Connects to standard 1-1/2" P or S trap

4" center for dual-handle faucet
Wall model includes mounting bracket

DESCRIPTION	STOCK NO	EACH
Wall hung	*MU19W*	*122.20*
Floor mount (34" height)	*MU19F*	*122.20*



20.600 Faucet Block

Molded faucet block for overhead supplies.

STOCK NO	EACH
MU20600	*4.56*



Model 18

- 14⅜" x 20" x 24"
- DURASTONE® Fiberglass
- 18 Gallon capacity, extra deep 13" tub
- Connects to standard 1½" P or S trap

4" or 8" centers for single or dual-handle faucets
Wall model includes mounting bracket

DESCRIPTION	STOCK NO	EACH
Wall hung	*MU18WM*	*125.31*
Wall hung (4-pack)	*MU18WK*	*436.03*
Floor mount (34" height)	*MU18FM*	*125.31*



Model 10

- 22" x 25" x 13¾"
- Self-rimming Sink
- 1½" drain with stopper included
- 17 gallon capacity, extra deep bowl
- Connects to 1½" P or S trap

4" or 8" centers for single or dual-handle faucets

COLOR	STOCK NO	EACH
White	*MU10M*	*112.41*
Bone	*MU10BN*	*123.78*



Model 10C

- 22" x 25" x 13¾"
- Self-rimming Sink
- 3½" reinforced drain
- 17 gallon capacity, extra deep bowl
- Connects to 1½" P or S trap

4" or 8" centers for single or dual-handle faucets

COLOR	STOCK NO	EACH
White	*MU10C*	*109.00*



Model 11

- 20" x 17" x 10"
- Self-rimming Sink
- 3½" reinforced drain
- 8 gallon capacity, extra deep bowl
- Connects to 1½" P or S trap

4" or 8" centers for single or dual-handle faucets

COLOR	STOCK NO	EACH
White	*MU11*	*98.31*
Bone	*MU11BN*	*108.61*



Model 12

- 15" x 18" x 23½",
- Co-Polypure™ resins
- 15 Gallon capacity, extra deep 13" tub
- Connects to standard 1-1/2" P or S trap

4" center for dual-handle faucet
Wall model includes mounting bracket

DESCRIPTION	STOCK NO	EACH
Floor Mount (4-pack)	*MU12K*	*282.84*

Mop Basins (18)



Model 63M

- 24" x 24" x 10"
- DURASTONE® Fiberglass
- Removable strainer
- Available drain seals for connection to 2" pipe or 3" soil pipe

SIZE	STOCK NO	EACH
24x24"	*MU63MX*	*205.03*



63.401 Bumper Gaurds for 63M

STOCK NO	EACH
MU63401	*23.20*



67.2424 DURAGUARD™

- 20 gauge stainless steel wall guards
- Two 24" x 12" panels & bracket

STOCK NO	EACH
MU672424	*197.05*



Model 65M

- 24" x 36" x 10"
- DURASTONE® Fiberglass
- Available drain seals for connection to 2" pipe or 3" soil pipe
- Self-draining shelf & removable strainer

SIZE	STOCK NO	EACH
24x36"	*MU65MX*	*244.99*



65.403 Bumper Gaurds for 65M

STOCK NO	EACH
MU65403	*23.20*



67.2436 DURAGUARD™

- 20 gauge stainless steel wall guards
- Two 24" x 36" x 12" panels & bracket

STOCK NO	EACH
MU672436	*197.12*



67.600 Mop Hanger

STOCK NO	EACH
MU65600	*68.40*



67.700 Hose & Holder

STOCK NO	EACH
MU65700	*40.72*



Mop Service Basin Seals

65.308 - 2" Sch 40 DWV – ABE, PVC, or Cast Iron Drain Seal

STOCK NO	EACH
MU65308	*11.54*



65.311 - 3" Soil Pipe No-Hub Drain Seal

STOCK NO	EACH
MU65311	*11.54*

Miscellaneous Plumbing

Fiat Mop Basins (18)

fiatproducts.com



Model MSB2424

- 24" x 24" x 10"
- Square, Molded Stone™
- Stainless Steel drain to connect to a 3" drain pipe

SIZE	STOCK NO	EACH
24x24"	ASMSB2424	248.94



Model MSB3624

- 36" x 24" x 10"
- Square, Molded Stone™
- Includes quick drain connector, integral stainless steel drain assembly and strainer plate

SIZE	STOCK NO	EACH
36x24"	ASMSB3624	302.96



Model MSBID2424

- 24" x 24" x 10"
- Square, Molded Stone™
- Integral drain is molded into a one piece unit to connect to a 3" drain pipe.

SIZE	STOCK NO	EACH
24x24"	ASMSBID2424	199.95

Bumperguard

DESCRIPTION	SIZE	STOCK NO	EACH
Vinyl (2)	24"	ASE77AA24	29.48
Stainless Steel (1)	24"	ASE88AA24	42.83

Wall Guard

Stainless Steel.

SIZE	STOCK NO	EACH
24x24"	ASMSG2424	134.30

Mop Hanger

STOCK NO	EACH
AS889CC	45.30

Hose and Hose Bracket

STOCK NO	EACH
AS832AA	35.57

Neoprene Drain Gasket

STOCK NO	EACH
ASQDC3SN	21.14

Sioux Chief (18)

siouxchief.com



SquareMax™ Floor Sink Drain

- Sump area is 54% larger than most PVC square floor sinks
- Low profile design with anchor flange
- All inner surfaces are pitched
- Tough, impact resistant PVC construction

Does Not Include Strainer Top

SIZE	STOCK NO	EACH
2"	SC8612PX	57.67
3x4"	SC8613PX	57.67



PVC Full Strainer

with Lift Handle. No. 861-5

STOCK NO	EACH
SC8615	29.11



PVC Open ¼ Strainer

No. 861-53

STOCK NO	EACH
SC86153	25.88

Bubblers (18)



0360 Drinking Faucet

- Cast Brass Bubbler Head
- ½-14 NPS Male Thread
- Replaceable Cartridge
- Includes Flange

FINISH	STOCK NO	EACH
Polished Chrome	360BU	87.31



0360 Drinking Faucet

- Cast Brass Bubbler Head
- ⅜-18 NPS Female Thread
- Replaceable Cartridge
- Less Flange

FINISH	STOCK NO	EACH
Polished Chrome	362BU	70.98

Murdock Water Coolers



Vandal-Resistant Wall Mount Bottle Filling Station

Features a chiller rated at 8 gallon per hour. The cabinet shall be all-stainless steel. Fixture meets ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately. The drink fountain features a round vandal-resistant push button for activation. Murdock's Maintenance Advantage design allows for easy maintenance and installation. Bottle Filler can be specified as sensor activated (plug-in or battery powered) or push button.

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

PART	STOCK NO	EACH
All components make a complete unit:		
Base, flexible bubbler	MUA171408FUG	853.50
Base, SS bubbler	MUA171408SUGVR	928.50
Bottle filler Station	MUBF2S	727.50
Drop down door with filter	MUWF1EZ	150.00
Replacement filter	MURWF1	105.00



Vandal-Resistant Wall Mount Bi-Level Bottle Filling Station

Features chillers rated at 8 gallon (30.3 liters) per hour. The cabinet shall be stainless steel. Fixture meets ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately. Murdock's Maintenance Advantage design allows for easy maintenance and installation. The each of the water coolers features a round vandal-resistant push button for activation. The unit is a univeral bi-level, allowing the lower ADA unit to be mounted on left or right side. Bottle Filler, typically mounted on the lower water cooler, can be specified as sensor activated (plug-in or battery powered) or push button.

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
All components make a complete unit:		
Base, flexible bubbler	MUA172408FUG	1323.00
Bottle filler Station	MUBF2S	727.50
Drop down door with filter	MUWF1EZ	150.00
Replacement filter	MURWF1	105.00



EFA8L1Z Floor Mount Non-Filtered
- 18"L x 14½"W x 41½"H
- Freestanding, 115V/60Hz
- Flexi-Guard® Safety Bubbler
- Mechanical Top Bubbler Button
- 8.0 GPH of 50°F Drinking Water

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELEFA8*	*1905.00*



EWA8L1Z Wall Mount Non-Filtered
- 18"L x 14½"W x 29½"H
- 115V/60Hz
- Flexi-Guard® Safety Bubbler
- Mechanical Top Bubbler Button
- 8.0 GPH of 50°F Drinking Water

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELEWA8*	*1557.00*



EWA14L1Z Wall Mount Non-Filtered
- 18"L x 14½"W x 29½"H
- 115V/60Hz
- Flexi-Guard® Safety Bubbler
- Mechanical Top Bubbler Button
- 14.0 GPH of 50°F Drinking Water

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELEWA14*	*1791.00*

(21)
Elkay Cooler Cartridge



STOCK NO	EACH
EL640100BBR	*33.38*

(21)
WaterSentry VII Replacement Filter
For Coolers + Fountains



STOCK NO	QTY.	EACH
EL51299C	*1*	*144.00*



EZS8L Wall Mount Non-Filtered
- 18⅜"L x 19"W x 19¹³⁄₁₆"H
- 115V/60Hz
- Flexi-Guard® Safety Bubbler
- Electronic Front Bubbler Pushbar
- 8.0 GPH of 50°F Drinking Water
- When bottom of unit installed 24"-27" from finished floor

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELEZS8*	*755.45*



EZSTL8LC Wall Mount Bi-Level Non-Filtered
- 115V/60Hz
- 36¾"L x 19"W x 25⁵⁄₁₆"H
- Flexi-Guard® Safety Bubbler
- Electronic Front Bubbler Pushbar
- 8.0 GPH of 50°F Drinking Water
- When bottom of unit installed 24"-27" from finished floor

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELEZSTL8LC*	*1334.00*

(21)
Elkay Bubbler Kit



Bubbler Housing, Complete Orifice Assembly, Chrome Pedestal, Copper Tube

STOCK NO	EACH
EL92715C	*54.00*



EZH2O Wall Mount Bottle Filling Station
- 17⅞"L x 11⅞"W x 41¼"H
- 115V/60Hz
- Electronic Bottle Filler Sensor
- LED Filter Status Indicator
- Laminar flow, 50°F drinking water
- Silver Ion Antimicrobial protection
- Green Ticker™ Informs user of number of 20 oz. plastic water bottles saved from waste.

8 GPH • No Bubbler

FINISH	STOCK NO	EACH
Stainless Steel	*ELLZ8WSSSMC*	*2384.00*



LZWSR Wall Mount Bottle Filling Station
- 17⅞"L x 3⁹⁄₁₆"W x 18⅞"H
- 115V/60Hz
- Electronic Bottle Filler Sensor
- LED Filter Status Indicator
- Laminar flow, Non-refrigerated
- Silver Ion Antimicrobial protection
- Green Ticker™ Informs user of number of 20 oz. plastic water bottles saved from waste.

For 115V pushbar-activated EZ style water coolers

FINISH	STOCK NO	EACH
Stainless Steel	*ELLZWSRK*	*1225.50*



LZS8WSLK/LZS8WSSK Wall Mount Bottle Filling Station
- 18⅜"L x 19"W x 39¹⁄₁₆"H
- 115V/60Hz
- Flexi-Guard® Safety Bubbler
- Electronic Bottle Filler Sensor with Electronic Front And Side Bubbler Pushbar
- 8.0 GPH of 50°F Drinking Water
- LED Filter Status Indicator
- Laminar flow, Refrigerated
- Silver Ion Antimicrobial protection
- Green Ticker™ Informs user of number of 20 oz. plastic water bottles saved from waste.
- When bottom of unit installed 24"-27" from finished floor

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELLZS8WSLK*	*2058.75*
Stainless Steel	*ELLZS8WSSK*	*2125.50*



LZSTL8WSLK Wall Mount Bi-Level Bottle Filling Station
- 36¾"L x 19"W x 39¹⁄₁₆"H
- 115V/60Hz
- Flexi-Guard® Safety Bubbler
- Electronic Bottle Filler Sensor with Electronic Front And Side Bubbler Pushbar
- 8.0 GPH of 50°F Drinking Water
- LED Filter Status Indicator
- Laminar flow, Refrigerated
- Silver Ion Antimicrobial protection
- Green Ticker™ Informs user of number of 20 oz. plastic water bottles saved from waste.
- When bottom of unit installed 24"-27" from finished floor

Cold Water Supply ⅜" IPS • Drain 1¼" IPS

FINISH	STOCK NO	EACH
Light Gray Granite	*ELLZSTL8WSLK*	*2871.00*

(18)
WaterSentry Plus Replacement Filter
For coolers with Bottle Fillers



STOCK NO	QTY.	EACH
EL51300C	*1*	*131.25*
EL51300C12PK	*12*	*1372.50*

(21)
Regulator
Regulator, Holder, Tube and Hardware for Pushbar-Activated Models



STOCK NO	EACH
EL98732C	*99.00*

Washing Machine Accessories (18)

Center Drain Outlet Boxes



Size 11⅝" x 9½" Rough opening 10" x 8¾" x 3½"
½" MIP/Sweat Conx. Valve • 2" Threaded Drain

FINISH	STOCK NO	EACH
Galvanized Steel	*B200*	*189.79*

Washing Machine Box with Tabs



Size 9¼" x 14" with tabs for 16" Stud Bay
½" MIP/Sweat Conx. Valve • 2" Slipnut Drain Kit

FINISH	STOCK NO	EACH
White Powder Coat	*T200*	*205.67*

Oatey Quadtro® Washing Machine Outlet Box



- Water Hammer Arrestors
- 4 - Side Brackets
- Faceplate
- Test Plug
- 2" PVC or ABS Sch. 40 Drain opening

FINISH	STOCK NO	EACH
1/4 Turn Brass Hammer Ball Valve – Copper Sweat		
White Polystyrene	*WMOBWHA*	*77.51*
1/4 Turn, ½" Viega PEX, Hammer		
White Polystyrene	*OA38331*	*92.91*

Oatey MODA™ Washing Machine Outlet Box



- Water Hammer Arrestors
- 2 - Side Brackets
- 2 - Faceplates
- 2 - Sticker Covers
- Test Plug
- Center Support & LocPin
- PVC or ABS Sch. 40 Drain opening

FINISH	STOCK NO	EACH
Brass 1/4 turn valves • WMOB, F1960 PEX		
White PVC	*OA37613*	*63.62*

(18D)

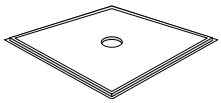
Viega PureFlow Washing Machine Outlet Box



With Two 1/4 turn brass valves • Press Connections

STOCK NO	EACH
STWAMABOWVA	*47.52*

Suds Sentry ABS Washing Machine Pans



3¾" Strainer Knockout (Less Strainer), 1" Height

SIZE	KNOCKOUTS	STOCK NO	EACH
27 7/16" x 31 3/8"	*1*	*27WAMAPA*	*79.56*
33 13/16" x 33 13/16"	*2*	*33WAMAPA*	*82.67*

Camco Washing Machine Pan

Polypropylene Plastic, Includes PVC drain fitting

SIZE	STOCK NO	EACH
30" x 32"	*CA20752*	*22.33*

Econo Center Drain Outlet Box



- Can be installed top-mount
- 2⅜" Center Drain
- Textured faceplate included

STOCK NO	EACH
Brass 1/4 turn valves, installed • ½" Sweat Conx.	
WMOBWVL	*54.06*
Brass Qtr Turn Valves, Installed • ½" CPVC Conx.	
IPS82066	*65.57*
Washer Box Only – No Valves	
112PVWMBO	*19.55*

DU-ALL™ Dual Drain Washing Machine Outlet Box



- Can be installed top-mount
- 2" Right and Left Drains with knockouts
- Textured faceplate included

STOCK NO	EACH
Brass 1/4 turn valves, Installed • ½" sweat conx	
DUALLBOX	*62.91*
Single Lever Valve Installed • ½" Sweat conx	
IPS85630	*101.14*

Fluidmaster Washing Machine Hose



¾" female x ¾" female x 72"

FINISH	STOCK NO	EACH
Braided Stainless Steel	*FL9WM72*	*15.09*

Rubber Washing Machine Hose



- Braided and reinforced
- ¾" female x ¾" female hose thread

STOCK NO	EACH
WAMAHO	*9.32*

Duo-Cloz™ Manual Washing Machine Shut-off Valve



Dual adapters for ½" solder or ½" compression

FINISH	STOCK NO	EACH
Brass Body	*WA2*	*190.35*

TimeOut Washing Machine Valve Kit



- Threaded inlet adapters
- Water hammer arrestors
- Wall outlet box

Automatic timer valve that can be preset to shut off

STOCK NO	EACH
2354RBBXWHA	*188.41*

NEW ITEM



IPS Washing Machine Pan

High Impact Plastic, Includes 1" PVC drain fitting

SIZE	STOCK NO	EACH
28" x 30" ID	*IPS83203*	*78.16*

Sioux Chief (18)

siouxchief.com

OxBox™ Washing Machine Outlet



No-lead valves. ABS supply box and frame, galvanized bracket, & debris cover.

STOCK NO	EACH
½" Female Sweat Connections	
SC696G2303MF	*39.12*
½" Female Sweat Connections WITH MiniResters	
SC696G2313MF	*61.45*
Viega PureFlow PEX Connections	
SC696G2303VF	*39.12*
Viega PureFlow PEX Connections WITH MiniResters	
SC696G2313VF	*61.45*
½"PEX Crimp F1807 Connections WITH MiniResters	
SC696G2313XF	*61.45*
½" Male CPVC Connections WITH MiniResters	
• Includes Plain Valve (NOT No-Lead)	
SC6962313CF	*59.23*
Fire-Rated ABS, No Lead	
½"PEX Crimp F1807 Connections WITH MiniResters	
SC696RG2313XF	*97.37*



SC6961F SC6961F

Ox Box Outlet Frames

DESCRIPTION	STOCK NO	EACH
Single	*SC6961F*	*1.87*
Double	*SC6962F*	*2.36*

Add-A-Line™



- Works with all CTS pipe types
- Perfect for adding humidifiers, dishwashers, ice makers or any new water line

Full slip valve tee.

SIZE	STOCK NO	EACH
7/8" x 1/4" OD Comp	*SC601G30CV*	*38.50*

Ice Maker Accessories (18)

Plastic Ice Maker Outlet Box



- Box 5 3/4" x 4 7/8" x 3 1/2"
- Frame 8 1/4" x 7 5/16"
- Snap-On Frame

Brass 1/4 turn valve, installed • 1/2" sweat conx

STOCK NO	EACH
ICMABO	54.61

Round Mini Ice Maker Box



- Round Trim Ring
- Brass 1/4 turn valve installed
- Can be mounted to left or right
- Pre-loaded Nails provide strong rigid mount

Mini IceMaker Outlet Box with solder valve

STOCK NO	EACH
MIICMABO	69.28

(18D)

Viega PureFlow Press Ice Maker Outlet Box



With One 1/4 turn brass valve • Press Connections

STOCK NO	EACH
STICMAOUBOWVA	32.14

Oatey MODA™ Ice Maker Outlet Box



- Water Hammer Arrestor
- 2 - Side Brackets
- Faceplate
- Sticker Cover
- Test Plug
- LocPin

FINISH	STOCK NO	EACH
Brass 1/4 turn valve • IMOB, F1960 PEX		
White PVC	OA37691	46.28

Ice Maker Supply



Braided Polymer • 1/4" Comp. x 1/4" Comp.

SIZE	STOCK NO	EACH
12"	B012IMF	13.15
72"	B072IM	25.51

Ice Maker Supply Kit



PEX Water Supply Kit with 1/4" Valve

STOCK NO	EACH
OA34015	24.66

Tub Box



- Depth 7" Each
- Top I.D. 13" x 13"
- Injection Molded
- High Impact Plastic
- Pipe Knockouts for 1 1/2" and 2" Pipe
- For tub trap & drain in slab foundation

Sold per piece, 2 required to make a complete box.

STOCK NO	EACH
TUBO	10.74

Access Panels



- Installs between wall studs or ceiling joists
- Flush or surface-mounted frame
- Used to allow access to plumbing, electrical wiring or other utility applications
- Constructed of high-impact ABS
- Door requires a screwdriver to open

SIZE	STOCK NO	EACH
8" x 8"	ACPA8	18.90
14" x 14"	ACPA14	24.31

Sioux Chief (18)

siouxchief.com

OxBox™ Ice Maker Outlet Box



No-lead valves. ABS supply box and frame, galvanized bracket, & debris cover.

STOCK NO	EACH
Viega PureFlow PEX Connections	
SC696G1000VF	30.03
Viega PureFlow PEX Connections WITH MiniResters	
SC696G1010VF	41.20
PEX Crimp F1807 Connections	
SC696G1000XF	30.03
PEX Crimp F1807 Connections WITH MiniResters	
SC696G1010XF	41.20
1/2" Male CPVC Connections	
SC696G1000CF	30.03
1/2" Female Sweat Connections WITH MiniResters	
SC696G1010MF	41.20

(02)

Ice Maker Valve



Quarter-Turn Angle Stop
1/2" PEX F1807 x 1/4" Compression

STOCK NO	EACH
SC130G2X0C	11.49



Edgemere Collection Tub and Shower

TU018502/TU018.501

- Includes One-Piece Cartridge
- Double Ceramic Pressure Balance Cartridge
- Ceramic Disc Mixing Valve
- Ceramic Balancing Spool
- Integrated Check Valves
- Adjustable Hot Limit Safety Stop
- Single function: 5¾" shower head
- Slip-on diverter tub spout
- Maximum flow rate of 2.5 gpm/9.5 L/min





LESS valve, sold separately:
For use with Flash Rough-in Valves

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	*ASTU018502002*	*193.14*
Legacy Bronze	*ASTU018502278*	*270.85*
Brushed Nickel	*ASTU018502295*	*262.71*
Shower Only		
Chrome	*ASTU018501002*	*174.64*
Legacy Bronze	*ASTU018501278*	*250.87*
Brushed Nickel	*ASTU018501295*	*241.99*



Reliant 3® Collection Tub and Shower

TU385502/TU385501

- Includes One-Piece Cartridge
- Ceramic Disc Mixing Valve
- Ceramic Balancing Spool
- Multi-function (4 Spray Settings) 4½" showerhead
- Slip-on diverter tub spout
- Pressure compensating flow device
- Flow Rate of 2.5 gpm/9.5 L/min





LESS valve, sold separately:
For use with Flash Rough-in Valves

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	*ASTU385502002*	*132.22*
Brushed Nickel	*ASTU385502295*	*177.60*
Shower Only		
Chrome	*ASTU385501002*	*105.90*
Brushed Nickel	*ASTU385501295*	*138.79*



Townsend Collection Tub and Shower

TU353502/TU353501

- Includes One-Piece Cartridge
- Double Ceramic Pressure Balance Cartridge
- Ceramic Disc Mixing Valve
- Ceramic Balancing Spool
- Integrated Check Valves
- Adjustable Hot Limit Safety Stop
- Single function: 6" shower head
- Slip-on diverter tub spout
- Maximum flow rate of 2.5 gpm/9.5 L/min





LESS valve, sold separately:
For use with Flash Rough-in Valves

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	*ASTU353502002*	*277.51*
Brushed Nickel	*ASTU353502295*	*379.63*
Shower Only		
Chrome	*ASTU353501002*	*232.37*
Brushed Nickel	*ASTU353501295*	*314.51*



Colony PRO Collection Tub and Shower

TU075508/TU075507

- Includes One-Piece Cartridge
- Ceramic Disc Mixing Valve
- Ceramic Balancing Spool
- Integrated Check Valves
- Single function 3¾" showerhead
- Slip-on diverter tub spout
- Wall escutcheon with Rd/Blue indicators
- Maximum flow rate of 1.75 gpm/6.6 L/min.





LESS valve, sold separately:
For use with Flash Rough-in Valves

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	*ASTU075508002*	*92.75*
Shower Only		
Chrome	*ASTU075507002*	*73.01*

American Standard



Pressure Balance In-Wall Valve Body

R121/R121SS/R127SS

- Volume control and hot limit safety stop
- Ceramic disc valve cartridge
- Direct ½" inlets/outlets
- Less handle and trim

Trim must be ordered separately

DESCRIPTION	SCREWDRIVER STOPS	STOCK NO	EACH
½" Sweat or ½" NPT	*No*	*ASR121*	*92.50*
½" Sweat or ½" NPT	*Yes*	*ASR121SS*	*112.48*


RU101


RU102


RU101SS


RU107SS


RU108


RU108SS

Flash™ Rough-in Valve Bodies

RU101/RU102/RU101SS/RU107SS

- Valve body features cast brass construction with a pre-installed test cap.
- Features back-to-back capability.
- ½" inlets and outlets.
- Stainless steel retaining ring with flats.
- Rough-in plaster guard designed as rough-in guide and for use as thin wall mounting support.

TU Series trim kits with cartridges must be ordered separately

DESCRIPTION	SCREWDRIVER STOPS	STOCK NO	EACH
½" Universal	*No*	*ASRU101*	*48.68*
½" Universal	*Yes*	*ASRU101SS*	*69.73*
½" Stub-out In/Out	*No*	*ASRU102*	*51.97*
½" PEX Crimp Inlets	*Yes*	*ASRU107SS*	*69.73*
½" PEX F1960 Cold Expansion Inlets	*No*	*ASRU108*	*48.68*
½" PEX F1960 Cold Expansion Inlets	*Yes*	*ASRU108SS*	*69.73*



Serin On/Off Volume Control Kit

T064.700

Requires separate R711 Volume Control Valve

Trim ONLY • LESS Rough-In

FINISH	STOCK NO	EACH
Brushed Nickel.	*AST064700295*	*85.92*



Extender Square Body Spray

1660.140

- Variable 3 function spray
- ½" NPT Male Connections, Flush Mount

FINISH	STOCK NO	EACH
Brushed Nickel.	*AS1660140295*	*202.02*



Standard Shower Arm

1660.240

Brass Construction, ½" NPT Thread

FINISH	STOCK NO	EACH
Brushed Nickel.	*AS1660240295*	*28.86*

DXV by American Standard
dxv.com



In-Wall Diverter Valve
Diverter can be installed with the inlet rotated in any position and all connections are ½"NPT

Water Flow Control

FOR	STOCK NO	EACH
2-Outlets	ASD35000420191	189.44
3-Outlets	ASD35000430191	214.60



Dual Control Lavatory Valve
Wall-Mount Valve ONLY

FOR	STOCK NO	EACH
Lavatory	ASD35000450191	298.23

Reserved



Reliant 3
7385.000
- All metal construction
- Ceramic disc valve cartridge
- Adjustable hot limit safety stop
- 1.2 gpm/4.5 L/min. Maximum flow
- 3/8" compression connections
- Metal Speed Connect™ pop-up drain
- Metal lever handle

FINISH	STOCK NO	EACH
Chrome	*AS7385000002*	*132.87*
Satin Nickel	*AS7385000295*	*186.16*
7385.004 LESS pop-up drain		
Chrome	*AS7385004002*	*119.72*



Pillar Tap Metering Faucet
1340.109 Extended Spout - 5 3/8"
- Ideal for public restrooms
- Vandal resistant
- Cast brass construction and aerator
- 1.0 gpm with automatic shut-off
- LESS Grid drain, mixing valve and deck plate

FINISH	STOCK NO	EACH
Chrome	*AS1340109002*	*122.84*

4" Deckplate for Metering Faucet see page 356



Townsend Single-Handle Faucet
7353.101
- Architecturally inspired tapered design
- Single hole mounting
- 1.2 gpm/4.5 L/min. maximum flow rate
- Stainless steel braided flexible supply hoses
- Pop-up drain
- Metal Speed Connect® drain
- Washerless 28 mm ceramic disc valve cartridge with integral hot limit safety stop

FINISH	STOCK NO	EACH
Chrome	*AS7353101002*	*246.43*
Satin Nickel	*AS7353101295*	*344.85*



Townsend High-Arc Widespread Faucet
7353.801
- Urban inspired design with a high-arc spout for increased functionality and convenience
- Cast brass valve bodies with flexible stainless steel hose connections
- 6" to 12" (152 mm to 305 mm) installations
- 1.2 gpm/4.5 L/min. maximum flow rate
- 1/4 turn washerless ceramic disc valve cartridges
- Metal Speed Connect® drain body

FINISH	STOCK NO	EACH
Chrome	*AS7353801002*	*336.71*
Satin Nickel	*AS7353801295*	*468.43*



Edgemere Centerset Faucet
7018.201
- Cast brass valve bodies with flexible stainless steel hose connections
- 3 hole mount, 4" centers
- 1.2 gpm/4.5 L/min. maximum flow rate
- 1/4 turn washerless ceramic disc valve cartridges
- Metal Speed Connect® drain body

FINISH	STOCK NO	EACH
Chrome	*AS7018201002*	*189.44*
Brushed Nickel	*AS7018201295*	*257.53*



Colony® Pro
7075.000
- 4" Centerset
- 24" Color-coded braided flexible supply hoses with 3/8" compression connections
- Washerless 35mm ceramic disc valve cartridge with integral hot limit safety stop
- 1.2 gpm/4.5 L/min. Maximum flow
- Metal body, lever handle & pop-up drain

FINISH	STOCK NO	EACH
Chrome	*AS7075000002*	*117.09*
7075.004 LESS pop-up drain		
Chrome	*AS7075004002*	*103.93*



Colony® Pro
7075.200
- 4" Centerset
- 1/4 turn washerless ceramic disc valve cartridges
- One-half inch male inlet shank
- Metal Body, Lever Handles & Pop-up Drain
- 1.2 gpm/4.5 L/min. Maximum flow

FINISH	STOCK NO	EACH
Chrome	*AS7075200002*	*97.35*

American Standard

Reserved



Colony Pro Collection

- Brass swivel spout 360° rotation
- ¼ turn washerless ceramic disc valve cartridges
- One-half inch male inlet shank
- Metal construction and lever handles
- 1.2 gpm/4.5 L/min. Maximum flow

7074.500 Less Spray (3-hole 8" installation)

FINISH	STOCK NO	EACH
Chrome	*AS7074500002*	*100.64*

7074.501 With Side Spray (4-hole 8" installation)

FINISH	STOCK NO	EACH
Chrome	*AS7074501002*	*121.03*

American Standard



Colony Pro

7077300.002 With Pull-Down Dual Spray

- Swivel spout with pull-down dual-spray head
- Quality ceramic disc valves
- Multifunction spray head with stream, spray and pause functions
- 1.5 gpm/5.7 L/min. maximum flow

One or Three hole installation with deck plate

FINISH	STOCK NO	EACH
Chrome	*AS7077300002*	*230.88*
Stainless Steel	*AS7077300075*	*277.59*



Colony Pro

- Brass 8½" long swivel spout 360° rotation
- Washerless 35 mm ceramic disc valve cartridge
- Integrated 24" color coded stainless steel supply lines with ⅜" compression connections
- 1.5 gpm/5.7 L/min. maximum flow

7074.000 Less Spray • 3 hole with deck plate

FINISH	STOCK NO	EACH
Chrome	*AS7074000002*	*105.25*

7074.040 With Spray • 4 hole with deck plate

FINISH	STOCK NO	EACH
Chrome	*AS7074040002*	*126.30*



Colony Pro

- High-arc brass swivel & metal lever handles
- ¼ turn washerless ceramic disc valve cartridges
- One-half inch male inlet shank
- 1.5 gpm/5.7 L/min. maximum flow

7074.550 Less Spray • 4" 3-hole mount

FINISH	STOCK NO	EACH
Chrome	*AS7074550002*	*121.03*

7074.551 With Spray • 4-hole mount

FINISH	STOCK NO	EACH
Chrome	*AS7074551002*	*142.74*



Edgewater Semi-Professional with SelectFlo

4932.350

- SelectFlo Spray head with 4 spray functions
- Memory position valving allows you to select a temperature setting without adjusting the handle each time
- Lead free, durable metal construction
- Integral check valves prevent back flow
- Ceramic disc valve cartridge
- 1.5 gpm/5.7 L/min. maximum flow

FINISH	STOCK NO	EACH
Chrome	*AS4932350002*	*553.53*
Stainless Steal	*AS4932350075*	*637.15*



Edgewater Pull-Down with SelectFlo

4932.350

- SelectFlo Spray head with 4 spray functions
- Dock-Tite™ spray-head docking system uses magnetic technology and Re-Trax® for smooth pull-out, operation, and reaction
- Lead free, durable metal construction
- Integral check valves prevent back flow
- Ceramic disc valve cartridge
- 1.5 gpm/5.7 L/min. maximum flow

FINISH	STOCK NO	EACH
Chrome	*AS4932300002*	*432.91*
Stainless Steal	*AS4932300075*	*519.49*



SelectFlo Scrub Brush Set

1660.403 • Set of two brushes

FINISH	STOCK NO	EACH
Plastic	*AS1660403007*	*14.06*



Beale Pull-Down Faucet Selectronic Hands-Free Technology

4931.380

- Selectronic hands-free sensor allows you to operate the faucet without touching, and easily changes to manual mode when desired with a sliding sensor door
- Dock-Tite™ spray-head docking system uses magnetic technology and Re-Trax® for smooth pull-out, operation, and reaction
- Fitting can be mounted with or without escutcheon plate (sold separately)
- Includes 39" integrated color coded braided stainless steel supply hoses with ⅜" compression connections
- 35 mm ceramic disc valve cartridge
- 1.5 gpm/5.7 L/min. maximum flow

FINISH	STOCK NO	EACH
Chrome	*AS4931380002*	*577.95*
Stainless Steal	*AS4931380075*	*661.57*



Beale Pull-Down Faucet

4931.300

- Dock-Tite™ spray-head docking system uses magnetic technology and Re-Trax® for smooth pull-out, operation, and reaction
- Fitting can be mounted with or without escutcheon plate (sold separately)
- Includes 39" integrated color coded braided stainless steel supply hoses with ⅜" compression connections
- 35 mm ceramic disc valve cartridge
- 1.5 gpm/5.7 L/min. maximum flow

FINISH	STOCK NO	EACH
Chrome	*AS4931300002*	*403.31*
Stainless Steal	*AS4931300075*	*449.93*



Monterrey Institutional Lavatory Centerset

- Solid brass construction
- Washerless ceramic disc valve cartridge
- ½"male threaded inlet shanks with brass coupling nuts
- Brass gooseneck spout
- 2.2 gpm/8.3 L/min. maximum flow

7500.170 LESS drain • Wrist blade handles

FINISH	STOCK NO	EACH
Chrome	*AS7500170002*	*153.48*



Monterrey 8" Widespread Faucet

- 10⅝" Height 15¾" Width
- Washerless ceramic disc valve cartridge
- ½"male threaded inlet shanks with brass coupling nuts
- 8" copper connections
- Cast brass valve bodies with rigid copper connections
- 5" reach swivel gooseneck spout
- Water conserving 1.5 gpm
- Wrist blade handles with red/blue color indexes

6540.170 LESS drain • 3-hole mount

FINISH	STOCK NO	EACH
Chrome	*AS6540170002*	*191.31*



Colony Pro Bar Faucet

- 1/4 turn washerless ceramic disc valve cartridge
- ½" male inlet shanks
- Lever Handles
- Brass gooseneck 360° swivel spout
- 1.5 gpm/5.7 L/ min maximum flow rate

7074.400 • 2 or 3-hole 4" mount

FINISH	STOCK NO	EACH
Chrome	*AS7074400002*	*84.86*
Stainless Steal	*AS7074400075*	*100.64*

Laundry/Utility Faucets (16)

americanstandard-us.com



Colony Pro Laundry Faucet

- Brass 360° swivel spout
- 1/4 turn washerless ceramic disc valve cartridge
- ½" male inlet shanks
- Metal Lever Handles
- 1.5 gpm/5.7 L/ min maximum flow rate

7074.240/7074.140 • 2 or 3-hole mount

DESCRIPTION	STOCK NO	EACH
Chrome - Hose End	*AS7074240002*	*84.86*
Chrome - Aerator	*AS7074140002*	*84.86*



Wall Mount Utility Faucet

8354.112

- Lever handles
- Bucket Hook
- Threaded hose end
- ½" NPT female inlets on 8" center
- 6" spout
- Vacuum breaker
- Stops in integral arm.
- Adjustable rough-in (from 6" to 10")

FINISH	STOCK NO	EACH
Polished Chrome	*AS8354112002*	*335.23*
Rough Chrome	*AS8354112004*	*282.69*

American Standard Repair Parts (21)



Cartridge Assembly

A954120.0070A

For two handle Colony

STOCK NO	EACH
ASA9541200070A	*28.94*



Cartridge Assembly

A954440.0070A

For single handle Colony

For use with R110

STOCK NO	EACH
ASA9544400070A	*51.21*



Cartridge Assembly

023529.0070A

For single handle Reliant Plus

For use with R120/R125

STOCK NO	EACH
AS0235290070A	*34.51*



Cartridge Assembly

M952100.0070A

Pressure Balanced Valve.

STOCK NO	EACH
ASM9521000070A	*42.30*



Faucet Replacement Valve Cartridge

994053.0070A

For use with Kitchen & Bath 2-handle faucets.

STOCK NO	EACH
AS9940530070A	*35.62*



Universal Cartridge

M970654-0070A

Pressure Balanced Cartridge for Flash.

STOCK NO	EACH
ASM9706540070A	*42.30*

American Standard



Hardwater Series
- ½" IPS or Sweat Connections
- 8" Centers
- Valve Included

Tub & Shower 2-Handle

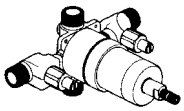
FINISH	STOCK NO	EACH
Chrome	GE58400	219.45

Tub & Shower 3-Handle

FINISH	STOCK NO	EACH
Chrome	GE58500	269.61

GERBER

Ceramic Disc Cartridges



GH-305

- Pressure Balanced Valves
- Bulk Pack
- For Use with: Riverdale, Waveland, Viper, and Maxwell Series
- Trim Sold Seperately

IPS/Sweat - With Stops

FINISH	STOCK NO	EACH
Rough Brass	GEGH305PK	84.32

Treysta Tub & Shower Rough-In Valve



- Includes forged valve body
- Plaster guard
- Innovative pressure test cap
- Can be pressure tested to 150 PSI
- Easy-access mounting

½" IPS/Sweat Inlets/Outlets - LESS Stops

FINISH	STOCK NO	EACH
Rough Brass	G00GS505	56.13

Treysta Tub & Shower Rough-In Valve



- Includes forged valve body
- Plaster guard
- Innovative pressure test cap
- Can be pressure tested to 150 PSI
- Easy-access mounting

½" F1807 (Crimp) PEX Inlets, ½" IPS/Sweat Outlets - LESS Stops

FINISH	STOCK NO	EACH
Rough Brass	G00GS525	67.49

Treysta Tub & Shower Rough-In Valve



- Includes forged valve body
- Plaster guard
- Innovative pressure test cap
- Can be pressure tested to 150 PSI
- Easy-access mounting

½" F1960 (Cold Expansion) PEX Inlets, ½" IPS/Sweat Outlets - LESS Stops

FINISH	STOCK NO	EACH
Rough Brass	G00GS527	67.49

Laundry Fittings



Allerton Laundry Faucet
- Bulk Pack
- 3 Hole Installation
- 8" Swing Spout
- Ceramic Disc Cartridge
- Lever Handles

All Brass Waterways

FINISH	STOCK NO	EACH
Chrome	GE49274PK	92.22



Laundry Faucet
- Washerless
- Clamp-On
- 6" Swing Spout
- Lever Handles

Hose End, IPS/Sweat Connections (No aerator)

FINISH	STOCK NO	EACH
Rough Brass	GE49530	73.01



Laundry Faucet
- Washerless
- Threaded Legs
- Lever Handles

IPS/Sweat Connections, LESS Aerator

FINISH	STOCK NO	EACH
Rough Brass	GE49540	103.46

Direct Sweat Connections, NO Threads on Spout

Rough Brass	GE49556	74.45

Bar Fittings



Allerton Bar Faucet
- 3 Hole Installation
- 9⅞" Swing Spout
- 1.75 gmp @ 60 psi
- Ceramic Disc Cartridge
- 2 Lever Handles

FINISH	STOCK NO	EACH
Chrome	GE49372	113.60

Kitchen Fittings



Viper Kitchen Faucet
- 4 Hole Installation
- 7⅜" Swing Spout
- 1.75 gmp @ 60 psi
- Includes Side Spray
- Includes Integrated Deck Plate
- Ceramic Disc Cartridge
- Lever Handle

FINISH	STOCK NO	EACH
Chrome	GE40012	146.35



Selene Kitchen Faucet
- Single Hole Installation
- 16¾" Swing Spout
- 1.75 gmp @ 60 psi
- Dual Function Sprayhead: Single, Steady Flow and Power Spray
- SnapBack® Retraction System
- ⅜" Compression Connection
- Integral Check Valve
- Lever Handle

FINISH	STOCK NO	EACH
Chrome	D454012	259.95
Stainless Steel	D454012SS	340.14



Cover Plate Assembly
For 8" Kitchen Faucets.
¼" Height, 10¼" Width, 2½" Depth

FINISH	STOCK NO	EACH
Chrome	DA665051	20.05
Stainless Steel	DA665051BN	26.06

danze by GERBER

danze.com

Lavatory Fittings



Viper Lavatory Faucet
- 3 Hole Installation
- Includes Metal Touch Down Drain
- 1.2 gmp @ 60 psi
- Ceramic Disc Cartridge
- Lever Handles

FINISH	DRAIN OPTION	STOCK NO	EACH
Chrome	With Drain	GE40024	120.95
Chrome	Less Drain	GE40028	104.92



Viper Lavatory Faucet
- 1 Hole Installation
- Includes Metal Touch Down Drain
- 1.2 gmp @ 60 psi
- Ceramic Disc Cartridge
- Lever Handle

FINISH	STOCK NO	EACH
Chrome	GE40029	110.93



Viper Lavatory Faucet
- 3 Hole Installation
- Includes Metal Touch Down Drain
- 1.2 gmp @ 60 psi
- Ceramic Disc Cartridge
- 2 Lever Handles

FINISH	STOCK NO	EACH
Chrome	GE43011	108.26
Chrome Widespread	GE43376	172.41



Antioch Lavatory Faucet
- 1 Hole Installation
- Includes Metal Touch Down Drain
- 1.2 gmp @ 60 psi
- Ceramic Disc Cartridge
- Lever Handle

FINISH	STOCK NO	EACH
Chrome	D222522	162.38



Antioch Lavatory Faucet
- 3 Hole Installation
- Includes Metal Touch Down Drain
- 1.2 gmp @ 60 psi
- Ceramic Disc Cartridge
- 2 Lever Handles

FINISH	STOCK NO	EACH
Chrome	D301122	98.90





Monitor® 17 Classic Series

- Soft, rubber spray holes with Full body, Massaging and Soft Drench settings
- Red/blue temperature indicator
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T17430 Tub & Shower		
Chrome	*DET17430*	*215.64*
T17230 Shower Only		
Chrome	*DET17230*	*193.55*



Innovations® Lever Handle

A74 • Accents for Monitor Series tub/shower fittings

FINISH	STOCK NO	EACH
Polished Chrome	*DEA74*	*23.77*



Monitor® 17 Victorian Series

- Soft, rubber spray holes with Full body, Massaging and Soft Drench settings
- Two handles to control volume and water temperature independently
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T17455 Tub & Shower		
Venetian Bronze	*DET17455RB*	*582.54*
T17255 Shower Only		
Venetian Bronze	*DET17255RB*	*390.83*



Victorian® Lever Handle

A716

FINISH	STOCK NO	EACH
Venetian Bronze	*DEA716RB*	*36.65*





Trinsic® 17 Series

- Two handles to control volume and water temperature independently
- WaterSense certification
- H2OKinetic spray
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T17459 Tub & Shower		
Chrome	*DET17459*	*247.12*



Monitor® 14 Ashlyn Series

- WaterSense certification
- Touch-Clean® showerhead.
- Single function operation
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T14464 Tub & Shower		
Chrome	*DET14464*	*180.46*
Brilliance Stainless	*DET14464SS*	*264.93*
Venetian Bronze	*DET14464RB*	*297.15*
Matte Black	*DET14464BL*	*277.83*
T14264 Shower Only		
Chrome	*DET14264*	*141.34*
Brilliance Stainless	*DET14264SS*	*206.34*
Venetian Bronze	*DET14264RB*	*219.36*
Matte Black	*DET14264BL*	*212.90*



Monitor® 17 Ashlyn Series

- Two handles to control volume and water temperature independently
- Touch-Clean® showerhead.
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T17464 Tub & Shower		
Chrome	*DET17464*	*218.91*
Matte Black	*DET17464BL*	*329.45*
Venetian Bronze	*DET17464RB*	*336.01*
Brilliance Stainless	*DET17464SS*	*316.47*
T17264 Shower Only		
Chrome	*DET17264*	*180.53*
Matte Black	*DET17264BL*	*290.55*
Venetian Bronze	*DET17264RB*	*297.07*
Brilliance Stainless	*DET17264SS*	*277.68*



Monitor® 17 Lahara Series

- Two handles to control volume and water temperature independently
- Touch-Clean® 5-setting showerhead: Pause, Full Body Spray, Full Spray w/Massage, Fast Massage, and Soft Drench Spray
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T17438 Tub & Shower		
Chrome	*DET17438*	*215.57*
Brilliance Stainless	*DET17438SS*	*317.25*
Venetian Bronze	*DET17438RB*	*344.82*
T17238 Shower Only		
Chrome	*DET17238*	*198.65*
Brilliance Stainless	*DET17238SS*	*293.25*
Venetian Bronze	*DET17238RB*	*320.86*



Universal Valves

R10000

- Universal valve body only
- ½" universal inlets/outlets

STOCK NO	EACH
LESS Stops	
DER10000UNBX	*57.46*
WITH Stops	
DER10000UNWS	*82.45*
PEX Connections LESS Stops	
DER10000PX	*57.46*
PEX Connections WITH Stops	
DER10000PXWS	*82.45*
PEX F1960 Cold Expansion LESS Stops	
DER10000MF	*57.46*
PEX Cold Expansion WITH Stops	
DER10000MFWS	*82.45*
High-Flow Shower Only	
DER10000UNBXHF	*57.46*
Pex Crimp Shower Only	
DER10000PFSPX	*69.96*
PEX with Tub Drop LESS Stops	
DER10000PFTPX	*79.97*
Pex with Tub Drop WITH Stops	
DER10000PFTPXWS	*112.45*



ARA® Two Handle Wall Mount Rough

- 8 in. Wall-Mount Lavatory Rough-in for use with 2-handle wall-mount lavatory and tub filler trim
- ½" NPT Rough-In
- Ships with valves and plasterguards.

STOCK NO	EACH
DER3500WL	*167.18*



Universal Valves with In-Wall Diverter

- Universal valve body only
- ½" universal inlets/outlets

STOCK NO	EACH
R22000 Shower Only	
DER22000	*183.80*
R22000-WS Shower Only WITH Stops	
DER22000WS	*213.80*





Monitor® 14 Lahara Series

Single function pressure balance cartridge

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T14438 Tub & Shower		
Chrome	*DET14438*	*182.41*
Brilliance Stainless	*DET14438SS*	*272.99*
Venetian Bronze	*DET14438RB*	*299.66*
T14238 Shower Only		
Chrome	*DET14238*	*148.80*
Brilliance Stainless	*DET14238SS*	*226.48*
Venetian Bronze	*DET14238RB*	*243.14*



Monitor® 13 Classic Series





- Tub/Shower fitting
- Touch-Clean®
- Pressure balanced
- Includes clear knob handle

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T13422		
Chrome	*DET13422*	*126.71*
T13422-SOS with Slip-On Spout for ½" C.W.T.		
Chrome	*DET13422SOS*	*95.55*

(21)

Clear Knob Handle



- For Tub/Shower Only
- Red/Blue indicators on handle button

H71 • for Monitor 13 Series

FINISH	STOCK NO	EACH
Clear	*DEH71*	*33.85*

Lever Handle



H79 • For Monitor 13 & 14 Series

FINISH	STOCK NO	EACH
Chrome	*DEH79*	*47.17*



Monitor® 13 Classic Series





- 5 Spray Settings
- Touch-Clean®
- Pressure balanced
- Pull-up diverter tub spout
- Includes single lever handle

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T13420 - Universal tub spout adapter included allows for thread, sweat or slip-on installation		
Chrome	*DET13420*	*126.71*
Stainless Steel	*DET13420SS*	*165.75*
T13220 Shower Only		
Chrome	*DET13220*	*98.99*
Stainless Steel	*DET13220SS*	*132.41*

Roman Tub Fittings & Rough-ins



Lahara Roman Tub Trim with Handshower

- 4 hole installation
- Coordinating Hand Shower with double check valves for backflow prevention
- 8½"Long, 8⅞" high rigid slip-on spout
- Scalloped handle bases, 2⁹⁄₁₆" diameter
- With conventional installation kit, adjusts to 1¼" maximum thickness

FOR USE WITH R4707 ROUGH-IN VALVE

FINISH	STOCK NO	EACH
T4738		
Chrome	*DET4738*	*471.04*
Brilliance Stainless	*DET4738SS*	*709.75*
Venetian Bronze	*DET4738RB*	*754.28*



Roman Tub Rough-in Kit

R4707 • Includes Handshower

STOCK NO	EACH
DER4707	*315.08*



Lahara Roman Tub Trim Kit

- 3 hole installation
- 8½"Long, 8⅞" high rigid slip-on spout
- Scalloped handle bases, 2⁹⁄₁₆" diameter
- With conventional installation kit, adjusts to 1¼" maximum thickness

FOR USE WITH R2707 ROUGH-IN VALVE

FINISH	STOCK NO	EACH
T2738		
Chrome	*DET2738*	*294.26*
Brilliance Stainless	*DET2738SS*	*443.02*
Venetian Bronze	*DET2738RB*	*465.45*



Roman Tub Rough-in Kit

R2707

STOCK NO	EACH
DER2707	*151.13*



Victorian Lever Roman Tub Handle Kit

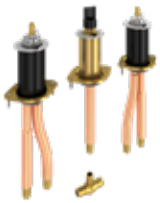
H616 • Must order both lever handle bases and accents to complete handle assembly

FINISH	STOCK NO	EACH
Chrome	*DEH616*	*128.40*
Brilliance Stainless	*DEH616SS*	*195.25*
Venetian Bronze	*DEH616RB*	*198.60*



Roman Tub Rough-in Kit Includes Handshower

STOCK NO	EACH
PEX Connections R4707-PX	
DER4707PX	*352.59*
PEX Cold Expansion R4707-MF	
DER4707MF	*384.73*



Roman Tub Rough-in Kit

R2707-PX

STOCK NO	EACH
PEX Connections R2707-PX	
DER2707PX	*167.18*
PEX Cold Expansion R2707-MF	
DER2707MF	*183.27*



Classic Garden Roman Tub Trim Kit

- 3 hole 8-16" installation
- 6½" Long, 7" high rigid slip-on spout

FOR USE WITH R2707 ROUGH-IN VALVE

FINISH	STOCK NO	EACH
T5722		
Chrome	*DET5722*	*243.59*



Ashlyn® Roman Tub Trim Kit

- 3-hole 8-16". installation
- 8⅜" Long, 6⅝" rigid slip-on spout
- Temperature & volume controlled with handles

FOR USE WITH R2707 ROUGH-IN VALVE

FINISH	STOCK NO	EACH
T2764-BL		
Matte Black	*DET2764BL*	*440.02*



Stryke® Wall Mounted Tub Filler

- 3 hole wall-mount
- 12¾"Long, ¼ turn stops

FOR USE WITH R3500WL ROUGH-IN VALVE

FINISH	STOCK NO	EACH
T5776-SSWL		
Stainless	*DET5776SSWL*	*874.44*

Delta Showers Fittings and Accessories (16)

deltafaucet.com



H2Okinetic®

- 5-Setting H2Okinetic Hand Shower
- 60-82" Stretchable Metal Hose
- Soft-Touch Handle

54445-PK • Shower Mount Hand Shower

FINISH	STOCK NO	EACH
Chrome	*DE54445PK*	*180.63*



Premium

- 5-Setting Hand Shower
- 60" UltraFlex Hose
- 2.00 gpm @ 80 psi
- Touch-Clean® Spray Holes
- ½" IPS connection point.

55436-PK • Fixed Wall Mount Hand Shower

FINISH	STOCK NO	EACH
Chrome	*DE55436PK*	*117.43*



Premium Slide Bar Hand Shower

- Adjustable Slide bar
- 3-Setting hand shower
- Dual check valves
- 69" hose Included

FINISH	STOCK NO	EACH
57014		
Chrome	*DE57014*	*315.42*
Venetian Bronze	*DE57014RB*	*484.40*
Brilliance Stainless	*DE57014SS*	*431.25*



Temp20® Showerhead

- 6-Settings
- Touch Clean spray holes
- 4¾" spray surface
- 5¼" showerhead length

54446

FINISH	STOCK NO	EACH
Chrome	*DE52646PK*	*142.38*
Venetian Bronze	*DE52646RBPK*	*224.38*
Brilliance Stainless	*DE52646SSPK*	*203.86*



HydroRain® H2Okinetic®

- 5-setting hand shower
- MagnaTite® Docking
- Touch-Clean® Spray Holes
- Includes 60"-82" hose

58680-SS-PR25 • Shower Mount

FINISH	STOCK NO	EACH
Stainless	*DE58680SSPR25*	*455.84*



In2ition®

- 4-setting hand shower
- Integrated handshower docks securely into showerhead
- 60"-82" stainless steel stretchable hose

58467-SS • Shower Mount

FINISH	STOCK NO	EACH
Brilliance Stainless	*DE58467SS*	*256.88*



In2ition®

- 5-setting hand shower
- Integrated handshower docks securely into showerhead
- Touch-Clean® Spray Holes
- Includes 60"-82" hose
- ½" IPS connection point.

58569-PK • Shower Mount

FINISH	STOCK NO	EACH
Chrome	*DE58569PK*	*239.59*
Brilliance Stainless	*DE58569SSPK*	*311.46*



H2Okinetic® In2ition®

- 5-setting hand shower
- MagnaTite® Docking
- Touch-Clean® Spray Holes
- Includes 60"-82" hose
- H2Okinetic® Technology

58480-PK • Shower Mount

FINISH	STOCK NO	EACH
Chrome	*DE58480PRPK*	*311.43*
Stainless	*DE58480SSPRPK*	*404.86*
Venetian Bronze	*DE58480RBPK*	*452.45*

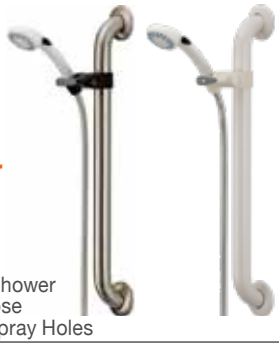


Universal In2ition®

- 4-setting hand shower
- MagnaTite® Docking
- Touch-Clean® Spray Holes
- Includes 60"-82" hose
- WaterSense® uses 20% less water

58499 • Shower Mount

FINISH	STOCK NO	EACH
Chrome	*DE58499*	*178.98*



ADA Grab Bar Hand Held Showers

- 24" grab bar
- 2-Setting Handshower
- 82" UltraFlex Hose
- Touch-Clean® Spray Holes

FINISH	STOCK NO	EACH
52001-DS • 60"-82" Stretchable Hose *Stainless Steel Grab Bar*	*DE52001DS*	*241.48*
52002-UF • 70" Ultraflex Hose *White Grab Bar*	*DE52002UF*	*162.47*

Diverter Valves



3 Setting 2-Port Diverter

FINISH	STOCK NO	EACH
T11800 Trim ONLY		
Chrome	*DET11800*	*169.25*
Venetian Brz.	*DET11800RB*	*270.56*
Stainless	*DET11800SS*	*253.63*



3 Setting 2-Port Diverter

FINISH	STOCK NO	EACH
T11864-BL Trim ONLY		
Matte Black	*DET11864BL*	*258.33*



3 Setting 2-Port Diverter

FINISH	STOCK NO	EACH
T11859-SS Trim ONLY		
Stainless	*DET11859SS*	*252.19*



Integrated Diverter Lever

- For use with Delta Stryke™ integrated diverter valves
- Diverts the flow of water between components
- Does not control volume or temperature

FINISH	STOCK NO	EACH
Matte Black	*DEH559BL*	*70.16*



Lahara® Monitor 17 Series

FINISH	STOCK NO	EACH
T17038 Trim ONLY		
Chrome	*DET17038*	*165.53*



Kayra® Monitor 14 Series

FINISH	STOCK NO	EACH
T14033-SS Trim ONLY		
Stainless	*DET14033SS*	*149.02*



Diverter Rough

- For use with 3 or 6 functions
- Three port diverter rough
- ½" Rough-In

STOCK NO	EACH
R11000	
DER11000	*124.98*



Monitor 13 Shower Trim Kit
T13290
- Shower fitting
- Handle adjusts temperature
- Vandal resistant blade handle



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
Chrome	*DET13290*	*114.29*



ActicTouch® Hand Shower with Slide and Grab Bar
51900
- Spray settings include: Full Body, Fast Massage, Full Spray with Massage, Shampoo Rinsing, Shampoo Rinsing with Massage, Soft Drench, Soft Drench with Massage, and Soft Full
- 24" Grab bar supports 500 lbs
- Pause feature for water conservation
- 82" Hose and non-slip grip handle

FINISH	STOCK NO	EACH
Chrome	*DE51900*	*296.56*
Brilliance Stainless	*DE51900SS*	*385.47*
Venetian Bronze	*DE51900RB*	*444.78*



7-Setting Hand Shower
- Spray settings include: ProClean Spray, H2Okinetic PowerDrench Spray, Full Spray, Full Spray + Massage, Massage, Shampoo Rinsing and Pause
- 27¾" slide bar
- 60-80" stretchable metal hose

FINISH	STOCK NO	EACH
54810 - LESS Slide Bar		
Stainless	*DE54810SSPK*	*199.31*
51584 - WITH Slide Bar		
Stainless	*DE51584SSPR*	*348.49*
Matte Black	*DE51584BL*	*324.94*



Stryke® 17 Series
- Two handles to control volume and water temperature independently
- Touch-Clean® showerhead
- H2OKinetic spray
- Meets ADA standards



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T17276-BL Shower Only		
Matte Black	*DET17276BL*	*512.91*



Teck Series
T13H153
- 24" grab bar
- 70" vinyl hose
- Vacuum breaker
- ADA adjustable slide bar
- Valve with hand held & cartridge
- Vandal resistant blade handle



FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
Chrome	*DET13H153*	*317.28*



Kayra® Monitor 17 Series
T17233-SS-I
- The In2ition® Two-in-One Shower
- 60-82" stretchable metal hose
- Lever adjusts volume
- Dial adjusts temperature
- Full Body spray, Massage spray, Full spray with Massage, and Pause

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
Stainless	*DET17233SSI*	*332.33*



Linden® Monitor 17 Series
T17294-RB-I
- The In2ition® Two-in-One Shower
- 60-82" stretchable metal hose
- Lever adjusts volume
- Dial adjusts temperature
- Full Body spray, Massage spray, Full spray with Massage, and Pause

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
Venetian Bronze	*DET17294RBI*	*312.53*



Ashlyn® Monitor 17 Series
T17294-RB-I
- The In2ition® Two-in-One Shower
- 60-82" stretchable metal hose
- Lever adjusts volume
- Dial adjusts temperature
- Full Body spray, Massage spray, Full spray with Massage, and Pause

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
Stainless	*DET17264SSI*	*342.54*
Matte Black	*DET17264BLI*	*355.51*



Universal Valves
R10000
- Universal valve body only
- ½" universal inlets/outlets

STOCK NO	EACH
LESS Stops	
DER10000UNBX	*57.46*
WITH Stops	
DER10000UNWS	*82.45*
PEX Connections LESS Stops	
DER10000PX	*57.46*
PEX Cold Expansion WITH Stops	
DER10000MFWS	*82.45*





Universal Valves with In-Wall Diverter
- For use with MultiChoice® Universal T13H and T17TH series with diverter valve for dual showers
- ½" universal inlets/outlets

STOCK NO	EACH
R10700-UNWS Tub/Shower WITH Stops	
DER10700UNWS	*130.60*



HydraChoice® Body Spray Rough
R50200
- ½" rough-in
- 2 9⁄16" thru hole in wall
- Forged brass body
- Includes test cap and plasterguard
- For use with T50010 or T50210 and spray heads SH5000, SH5002, SH5003, or SH5005

STOCK NO	EACH
DER50200	*81.60*



Floor Mount Tub Filler
R4700-FL
- Rough-in kit only
- Must purchase trim kit
- Machined brass body with stainless steel mounting plate
- Cartridge ships with trim
- 1/2 in. sweat rough-in

STOCK NO	EACH
DER4700FL	*258.06*





Saylor Monitor® 14 Series
- Full Body spray, Massage spray, Full Body spray with Massage, Shampoo Rinsing spray, & Pause
- Touch-Clean® showerhead
- WaterSense® Shower
- Meets ADA standards

FOR USE WITH R10000 UNIVERSAL VALVES

FINISH	STOCK NO	EACH
T14235-BL Shower Only		
Matte Black	*DET14235BL*	*210.39*
T14435-BL Pull-up Tub & Shower		
Matte Black	*DET14435BL*	*277.12*

Delta Lavatory Fittings (16)

deltafaucet.com

Classic



- 4" centerset
- Lead FREE
- Metal pop-up drain
- Hot/Cold handle indicators

2522LF-MPU • With clear knob handles

FINISH	STOCK NO	EACH
Chrome	DE2522LFMPU	137.92

Classic



- 3 hole installation
- 6" to 16" center widespread
- Rigid spout 5½" long, 3⅞" high
- Metal Drian with Pop-up
- WaterSense® uses at least 20% less water
- ½" IPS Connection

2522LF-MPU • With metal lever handles

FINISH	STOCK NO	EACH
Chrome	DE3530LFMPU	293.66

Classic



- 2 & 3 Hole Installation
- 4" Centerset
- Rigid spout 5¼" long, 3¹¹⁄₃₂" high
- Metal Drian with Pop-up
- WaterSense® uses at least 20% less water
- ½" IPS Connection

2523LF-MPU • With metal lever handles

FINISH	STOCK NO	EACH
Chrome	DE2523LFMPU	154.61
Stainless	DE2523LFSSMPU	215.60

Classic



- 4" Centerset
- Diamond Seal technology
- WaterSense®
- ⅜" O.D. straight, staggered PEX supply lines

Single Metal Lever handle

FINISH	STOCK NO	EACH
520-SSMPU-DST • Metal pop-up drain		
Brilliance Stainless.	DE520SSMPUDST	232.33
501-DST • LESS pop-up drain		
Chrome	DE501DST	143.44

Commercial Faucets



- 4" centerset
- Metal pop-up drain
- Copper Supply Lines
- Vandal Resistant Aerator & Handle

520LF-HDF • Single Lever handle
Flow Rate: 1.20 gpm @ 60 psi

FINISH	STOCK NO	EACH
Chrome	DE520LFHDF	199.06

Lahara Collection

Lahara®



- 1 or 3 Hole installation
- Metal pop-up
- Spout 5½" long
- Diamond Seal Technology

538-MPU-DST • Single handle deck mount

FINISH	STOCK NO	EACH
Chrome	DE538MPUDST	243.14
Brilliance Stainless.	DE538SSMPUDST	309.87
Venetian Bronze	DE538RBMPUDST	338.07

Lahara®



- 3 Hole installation
- Metal pop-up
- Spout 5½" long
- Diamond Seal Technology

2538-MPU-DST • Two handle deck mount

FINISH	STOCK NO	EACH
Chrome	DE2538MPUDST	176.78
Brilliance Stainless.	DE2538SSMPUDST	237.88
Venetian Bronze	DE2538RBMPUDST	265.68

Lahara®



- 3 Hole installation
- Metal pop-up
- Spout 5½" long
- Diamond Seal Technology

3538-MPU-DST • Two handle widespread

FINISH	STOCK NO	EACH
Brilliance Stainless.	DE3538SSMPUDST	404.58
Venetian Bronze	DE3538RBMPUDST	443.10

DELTA

Delta Lavatory Handle Options (16)

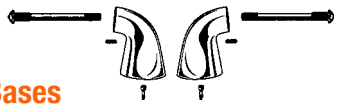
Traditional Lever Handles



For two handle lav, kitchen, and bar sink faucets

FINISH	STOCK NO	EACH
Chrome/Porcelain	DEH212	118.65

Lever Handle Bases



For two handle Lav faucets

FINISH	STOCK NO	EACH
Chrome	DEH24	77.56

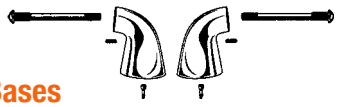
Accents



For Innovations two handle lav faucets

FINISH	STOCK NO	EACH
Chrome	DEA24	37.15
Polished Brass	DEA24PB	32.87
White	DEA24WH	42.91

Lever Handle Bases



For two handle Roman tub faucets

FINISH	STOCK NO	EACH
Chrome	DEH64	118.44

Accents



For above

FINISH	STOCK NO	EACH
Chrome	DEA64	43.92

Teck Series
22C101
- 4" centerset
- 5¾" rigid spout
- 2 & 3-hole installation



Single Lever handle • LESS Pop-up
Flow Rate: 1.5 gpm @ 60 psi

FINISH	STOCK NO	EACH
Chrome	DE22C101	195.41

HDF Series
511-LFHDF
- 4" centerset
- 4½" long spout
- 2-hole installation
- 2.2 gpm vandal resistant aerator
- NO Lift-rod hole



Single Lever handle • LESS Pop-up
Flow Rate: 1.20 gpm @ 60 psi

FINISH	STOCK NO	EACH
Chrome	DE511LFHDF	182.92

HDF Series
501LF-HDF
- 4" centerset
- 4½" rigid spout
- 2-hole installation
- ½" IPS adapters
- 2.2 gpm vandal resistant aerator



FINISH	STOCK NO	EACH

Single Lever handle • LESS Pop-up
Flow Rate: 1.20 gpm @ 60 psi

Chrome	DE501LFHDF	168.93

VR Spray Outlet, Single Lever handle • LESS Pop-up
Flow Rate: 0.50 gpm @ 60 psi

Chrome	DE501LFHGMHDF	168.93

Teck Series
27C4844
- 4" centerset
- 4½" high spout
- 2-hole installation



Wrist blade handle • TUF-TEK Cartridges
Flow Rate: 1.5 gpm @ 60 psi

FINISH	STOCK NO	EACH
Chrome	DE27C4844	257.26

Teck Series
27C2944
- 8" centerset
- 6" high spout
- 3-hole installation



Wrist blade handle • CER-TEK Cartridges
Flow Rate: 1.5 gpm @ 60 psi

FINISH	STOCK NO	EACH
Chrome	DE27C2944	309.34

Ashlyn Collection



Ashlyn®
564-MPU-DST
- Diamond Seal Technology
- 1 or 3 hole 4" installation
- Rigid spout
- 1.20gpm @ 60psi
- Includes matching finish drain assembly

Single Lever handle • Metal Pop-up

FINISH	STOCK NO	EACH
Chrome	DE564MPUDST	232.45
Brilliance Stainless.	DE564SSMPUDST	299.14
Venetian Bronze.	DE564RBMPUDST	342.35
Matte Black	DE564BLMPUDST	315.83



Ashlyn®
2564-MPU-DST
- Diamond Seal Technology
- 3 hole 4" installation
- Rigid spout
- 1.20gpm @ 60psi
- Includes matching finish drain assembly

Two Lever handles • Metal Pop-up

FINISH	STOCK NO	EACH
Chrome	DE2564MPUDST	171.42
Brilliance Stainless.	DE2564SSMPUDST	237.88
Venetian Bronze.	DE2564RBMPUDST	264.63
Matte Black	DE2564BLMPUDST	249.14



Ashlyn®
3564-MPU-DST
- Diamond Seal Technology
- 3 hole 6-16" installation
- EZ Anchor mounting
- Rigid spout
- 1.20gpm @ 60psi
- Includes matching finish drain assembly

Two Lever handles • Metal Pop-up

FINISH	STOCK NO	EACH
Chrome	DE3564MPUDST	304.73
Brilliance Stainless.	DE3564SSMPUDST	399.21

DELTA

Trinsic®
559LF-MPU
- Diamond Seal Technology
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Includes matching finish drain assembly



Single handle • Metal Pop-up

FINISH	STOCK NO	EACH
Stainless.	DE559LFSSMPU	338.05
Matte Black	DE559LFBLMPU	348.23

Trinsic®
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Optional deck plate sold spearately
- Includes matching finish drain assembly



Single handle • Metal Pop-up

FINISH	STOCK NO	EACH

559HA-BL-DST • Spout swivels 360°

Matte Black	DE559HABLDST	416.83

559HAR-BL-DST • Rigid spout - spout does not swivel

Matte Black	DE559HARBLDST	416.83

Linden®
594-MPU-DST
- Diamond Seal Technology
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Includes matching finish drain assembly



Single Lever handle • Metal Pop-up

FINISH	STOCK NO	EACH
Stainless.	DE594SSMPUDST	274.34
Venetian Bronze.	DE594RBMPUDST	310.05

Kayra®
533LF-PDMPU
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Includes optional deck plate
- Includes matching finish drain assembly



Single handle Pull Down • Metal Pop-up

FINISH	STOCK NO	EACH
Chrome	DE533LFPDMPU	209.98
Stainless.	DE533LFSSPDMPU	287.96
Matte Black	DE533LFBLPDMPU	304.58

Kayra®
533LF-BLMPU
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Includes optional deck plate
- Includes matching finish drain assembly



Single handle • Metal Pop-up

FINISH	STOCK NO	EACH
Matte Black	DE533LFBLMPU	254.61



Nicoli®
- 3 Hole installation
- Metal pop-up
- Spout 5" long, 8⅝" Tall
- WaterSense® Labeled

35749LF-SS • Two handle widespread

FINISH	STOCK NO	EACH
Stainless	DE35749LFSS	271.19



Trinsic®
- 3 Hole installation
- Metal pop-up
- Spout 5" long, 7¾" Tall
- WaterSense® Labeled

3559-BLMPU-DST • Two handle widespread

FINISH	STOCK NO	EACH
Matte Black	DE3559BLMPUDST	502.09



Kayra®
- 3 Hole installation
- 4" Centerset
- Metal pop-up
- Spout 5" long, 7½" Tall
- WaterSense® Labeled

2533LF-SSMPU • Two handle deck mount

FINISH	STOCK NO	EACH
Stainless	DE2533LFSSMPU	204.54

DELTA



Tetra®
- 3 Hole installation
- Metal pop-up
- Spout 5½" long, 8" Tall
- DIAMOND Seal® Technology
- WaterSense® Labeled

35588-CZ-PR-DST • Two handle widespread

FINISH	STOCK NO	EACH
Champagne Bronze	DE35588CZPRDST	626.25



Dorval®
- 3 Hole installation
- Metal pop-up
- Spout 5¼" long, 6⁹⁄₁₆" Tall
- DIAMOND Seal® Technology
- WaterSense® Labeled

3556-GSMPU-DST • Two handle widespread

FINISH	STOCK NO	EACH
Champagne Bronze	DE3556GSMPUDST	772.38



Velum
- 3 Hole installation
- Metal pop-up
- Spout 5" long, 5¹⁄₁₆" Tall
- WaterSense® Labeled

3539LF-BLMPU • Two handle widespread

FINISH	STOCK NO	EACH
Matte Black	DE3539LFBLMPU	310.54



Saylor
- 3 Hole installation
- Metal pop-up
- Spout 5⁷⁄₁₆" long, 8" Tall
- DIAMOND Seal® Technology
- WaterSense® Labeled

3535-BLMPU-DST • Two handle widespread

FINISH	STOCK NO	EACH
Matte Black	DE3535BLMPUDST	416.32



Ara®

567LF-BLMPU
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Includes optional deck plate
- Includes matching finish drain assembly

Single handle • Metal Pop-up

FINISH	STOCK NO	EACH
Matte Black	DE567LFBLMPU	461.80



Dryden®

551-SS-DST
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Optional deck plate sold spearately
- Includes matching finish drain assembly

Single handle • Metal Pop-up

FINISH	STOCK NO	EACH
Stainless	DE551SSDST	461.84



Saylor

536-BLMPU-DST
- 1 or 3 hole 4" installation
- WaterSense®
- 1.2 gpm @ 60psi
- Includes optional deck plate
- Includes matching finish drain assembly

Single handle • Metal Pop-up

FINISH	STOCK NO	EACH
Matte Black	DE536BLMPUDST	315.83



Classic
100-DST/300-DST/400-DST
- 3-hole, 8" centerset
- 8" long swing spout
- 3/8" Compression Fittings
- DIAMOND Seal Technology

Chrome • Single lever handle

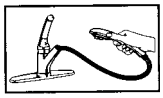
SIDE SPRAY OPTIONS	STOCK NO	EACH
NO Side Spray	DE100DST	138.11
Side Spray on deck	DE300DST	172.47
4-hole Side Spray	DE400DST	170.26



Classic
175-DST
- 2-hole installation
- 8" long swing spout
- 3/8" Compression Fittings
- DIAMOND Seal Technology
- With Side Spray

Single lever handle

FINISH	STOCK NO	EACH
Chrome	DE175DST	176.93





Signature
470-DST
- 9 1/8" long swing spout
- Single or 3 hole installation
- Stainless steel vacuum breaker ball
- Easy side-to-side activated aerated stream or full spray
- Quick-connect 60"spray hose, 38" reach
- Touch-Clean® sprayhead
- Red/blue handle indicator
- DIAMOND seal technology reduces leaks

Single lever handle • Optional Escutcheon Included

FINISH	STOCK NO	EACH
Chrome	DE470DST	432.18
Arctic Stainless	DE470ARDST	599.21



Foundations®
B4310LF-SS
- 2-Function Pull-Out
- 8 3/4" long 120° swing spout
- Single or 3 hole installation
- Quick-connect 59"spray hose
- Touch-Clean® sprayhead
- Red/blue handle indicator

Single lever handle • Optional Escutcheon Included

FINISH	STOCK NO	EACH
Stainless	DEB4310LFSS	309.83



RP1001
Soap Dispenser

FINISH	STOCK NO	EACH
Chrome	DERP1001	60.02
Brilliance Stainless	DERP1001SS	82.22



RP1002
Artic Stainless Soap Dispenser

STOCK NO	EACH
DERP1002AR	85.56



Collins
140-DST
- 8" centerset
- 9" long swing spout
- 3/8" copper or compression and adapters to accept 1/2" IPS
- Red/blue handle indicators

Single lever handle

FINISH	STOCK NO	EACH
Chrome	DE140DST	165.64
Brilliance Stainless	DE140SSDST	190.01



Collins
440-DST
- 8" centerset
- 9" long swing spout
- 1/2" I.P.S. adapters
- With hose and spray
- Red/blue handle indicators

Single lever handle

FINISH	STOCK NO	EACH
Chrome	DE440DST	199.03
Brilliance Stainless	DE440SSDST	276.78



Leland
9178-DST
- 13 7/8" High-arc spout
- 59" hose providing 20" reach
- Spout swivels 360°
- DIAMOND seal technology reduces leaks
- SpotShield resists water spots and fingerprints

Single lever handle • Optional Escutcheon Included

FINISH	STOCK NO	EACH
Chrome	DE9178DST	365.53
Arctic Stainless	DE9178ARDST	399.33
Venetian Bronze	DE9178RBDST	521.38
SpotShield Stainless	DE9178SPDST	399.33



Leland
978-DST
- 13 7/8" High-arc spout
- 59" hose providing 20" reach
- Spout swivels 360°
- DIAMOND seal technology reduces leaks

Single lever handle

FINISH	STOCK NO	EACH
Arctic Stainless	DE978ARDST	499.29
Venetian Bronze	DE978RBDST	543.44



Trinsic
9159-DST
- 15 11/16" High-arc spout
- 1 or 3 hole 8" Installation
- MagnaTite® pull-down swivels 360°
- Soft, rubber Touch-Clean® spray holes
- DIAMOND™ seal technology
- Includes integrated InnoFlex® PEX supply lines

Single lever handle
Less Escutcheon Plate, see model RP64070 below

FINISH	STOCK NO	EACH
Chrome	DE9159DST	495.53
Arctic Stainless	DE9159ARDST	608.49



ESSA
9113-DST
- 15 1/4" High-arc spout
- 1 or 3 hole 8" Installation
- Spout swivels 360°
- DIAMOND seal technology

Single lever handle • Optional Escutcheon Included

FINISH	STOCK NO	EACH
Chrome	DE9113DST	332.33
Arctic Stainless	DE9113ARDST	365.98
Venetian Bronze	DE9113RBDST	487.74
Matte Black	DE9113BLDST	377.68



Trinsic Touch2O
9159T-DST
- Touch2O Technology
- TempSense LED light
- 6 AA Included
- MagnaTite Docking
- Pull-Down Spray
- 15 11/16" Spout Height
- DIAMOND Seal Technology

Single lever handle • 1 or 3-hole 6" or 8" installation

FINISH	STOCK NO	EACH
Chrome	DE9159TDST	734.00
Arctic Stainless	DE9159TARDST	811.10
Matte Black	DE9159TBLDST	812.77



CORANTO
9179-DST
- 15 7/8" High-arc spout
- 1 or 3 hole 8" Installation
- ShieldSpray Technology
- MagnaTite® pull-down swivels 360°
- Soft, rubber Touch-Clean® spray holes
- DIAMOND™ Seal Technology
- Includes integrated InnoFlex® PEX supply lines

FINISH	STOCK NO	EACH
Chrome	DE9179DST	365.53
Arctic Stainless	DE9179ARDST	399.29
Venetian Bronze	DE9179RBDST	532.07
Matte Black	DE9179BLDST	399.29



Contemporary Wall Mount Pot Filler
1165LF-BL
- Dual shut off
- 24" dual swing joints
- Single hole installation
- DIAMOND Seal Technology
- 8 1/8" H x 2 19/16" D x 2 1/8" W

FINISH	STOCK NO	EACH
Matte Black	DE1165LFBL	767.04

Two-Handle Laundry Faucets

Classic
2131-LF
- 2-hole or 3-hole installation
- 4" centerset
- 5⅝" spout with 360° swing

With Hose Thread



FINISH	STOCK NO	EACH
Chrome	DE2131LF	90.10

Classic
2133-LF
- 2-hole or 3-hole installation
- 4" centerset
- 6¹³⁄₃₂" long, 3³¹⁄₃₂" high swing spout 360°

With Areator



FINISH	STOCK NO	EACH
Chrome	DE2133LF	90.10

Bar/Prep Faucets

Coranato®
9979-RB-DST
- 14⅜" High-arc spout
- 3-function wand
- ADA Compliant
- 1 or 3 hole 8" Installation
- MagnaTite® pull-down swivels 360°
- Soft, rubber Touch-Clean® spray holes
- DIAMOND™ Seal Technology
- ⅜" O.D. straight, staggered PEX supply lines



FINISH	STOCK NO	EACH
Venetian Bronze	DE9979RBDST	531.10

ESSA
9913-DST
- 15¾" High-arc spout
- ADA Compliant
- 1 or 3 hole 8" Installation
- MagnaTite® pull-down swivels 360°
- Soft, rubber Touch-Clean® spray holes
- DIAMOND™ Seal Technology
- Includes integrated InnoFlex® PEX supply lines



FINISH	STOCK NO	EACH
Chrome	DE9913DST	331.51
Arctic Stainless	DE9913ARDST	365.15
Matte Black	DE9913BLDST	376.78
Venetian Bronze	DE9913RBDST	486.83

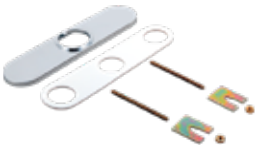
Escutcheaon Plates

RP70714
For Model 9113-DST



FINISH	STOCK NO	EACH
Chrome	DERP70714	61.56
Arctic Stainless	DERP70714AR	77.02

RP64070
For Model 9159-DST



FINISH	STOCK NO	EACH
Arctic Stainless	DERP64070AR	164.07

Two-Handle Kitchen Faucets

Classic
2100-LF
- 8" centerset
- 8" long swing spout

Metal blade handles



FINISH	STOCK NO	EACH
Chrome	DE2100LF	113.47

Classic
2402-LF
- 8" centerset
- 9" long swing spout swings 360°
- With hose and spray
- Red/blue handle indicators

Clear knob handles



FINISH	STOCK NO	EACH
Chrome	DE2402LF	137.88

Service Sink Fitting

Commercial
28T9
- Two Handle Wall-Mount
- Centers adjustable from 7¾" to 8¼"
- 8" long vacuum breaker spout
- Cast brass body
- Includes integral stops



FINISH	STOCK NO	EACH
Rough Chrome	DE28T9	198.25

Speciality Faucets

Classic
2302-LF
- Single hole installation
- 4¼" long rigid spout
- 1/4 turn handle stop



FINISH	STOCK NO	EACH
Chrome	DE2302LF	87.85

Commercial
710LF-HDF
- Two hole installation
- ⅜" O.D. straight copper supplies
- 5" long, 10" fixed spout
- Red/blue handle indicators



FINISH	STOCK NO	EACH
Chrome	DE710LFHDF	284.16

Traditional Beverage
1960-DST
- 1-hole installation
- ⅜" compression fittings
- 9½" Height, spout swings 360°
- Diamond Seal Technology

Single lever handle



FINISH	STOCK NO	EACH
Chrome	DE1960DST	281.23
Arctic Stainless	DE1960ARDST	337.94
Venetian Bronze	DE1960RBDST	394.19
Matte Black	DE1960BLDST	338.09

Contemporary Beverage
1930-CZ-DST
- 1-hole installation
- ⅜" compression fittings
- 9½" Height, spout swings 360°
- Diamond Seal Technology

Single lever handle



FINISH	STOCK NO	EACH
Champagne Bronze	DE1930CZDST	405.28

RP70
Ball assembly for chrome handles.



STOCK NO	EACH
DERP70	30.70

RP212
Ball assembly for crystal handles.



STOCK NO	EACH
DERP212	31.66

RP61
Cam assembly for faucets with chrome handle. Contains one cam and packing.



STOCK NO	EACH
DERP61	9.91

RP25
"O" Rings - All single handle kitchen faucets. Contains two large "O" Rings.



STOCK NO	EACH
DERP25	13.86

RP4993
Contains two seats and spring



STOCK NO	EACH
DERP4993	9.91

RP50
Cap assembly for all single handle faucets.



STOCK NO	EACH
DERP50	37.74

Metal Lever Handle Kit In Chrome



SIZE	STOCK NO	EACH
3 3/16"	DERP90	36.94
4 5/8"	DERP2393	35.45

RP3614
Repair kit for single handle faucets. Contains two large and small "O" rings; one cam and packing; two seats and springs and one wrench.



STOCK NO	EACH
DERP3614	22.39

RP24096
Stem Unit Assembly.



STOCK NO	EACH
DERP24096	41.10

RP1740
Stem Unit Assembly for two handle and basin faucets.



STOCK NO	EACH
DERP1740	22.76

RP1991
Stem unit for 1600 tub/shower series.



STOCK NO	EACH
DERP1991	68.65

RP50587
Diamond Ceramic Cartridge.



STOCK NO	EACH
DERP50587	75.74

RP46074
Replacement Cartridge for 1300/1400 series.



STOCK NO	EACH
DERP46074	116.31

RP46463
Replacement Cartridge for 1700/1800 series.



STOCK NO	EACH
DERP46463	151.33

RP32104 - Prior to 2005
Monitor 17 Series valve cartridge assembly.



STOCK NO	EACH
DERP32104	151.33

RP19804 - Prior to 2005
Monitor 1300/1400 Series valve cartridge assembly.



STOCK NO	EACH
DERP19804	122.17

RP60400
DIAMOND™ Valve - 2 Handle



STOCK NO	EACH
DERP60400	45.84

RP51919
6-Setting Diverter Cartridge



STOCK NO	EACH
DERP51919	234.64

RP63136
Diverter Assembly



STOCK NO	EACH
DERP63136	18.71

Diverter Tub Spout
With shower ½" & ¾" hose connector.



FINISH	STOCK NO	EACH
Chrome	DEU1010PK	101.09

RP17453 Spout
Standard diverter, Non-metallic, For ½" C.W.T. or ½" I.P.S., 5¼" long, Pull down divert.



STOCK NO	EACH
DERP17453	51.76

RP19895 Spout
Standard diverter, Non-metallic, For ½" I.P.S., 4½" long, Pull up divert.



STOCK NO	EACH
DERP19895	60.62

(16)
RP36497 Spout
Standard diverter, Metal, Slip onto ½" C.W.T., 7" long, Pull up divert.



STOCK NO	EACH
DERP36497	71.91

(16)
RP36498 Spout
Standard non-diverter, Metal, Slip onto ½" C.W.T., 7" long.



STOCK NO	EACH
DERP36498	69.73

(16)
Delta Classic Tub Spout
Pull up Diverter



FINISH	STOCK NO	EACH
Chrome	DERP101727PC	70.59

Sioux Chief Fittings (18)

Tub Spout
Connection - ½" FIP at nose end.



FINISH	STOCK NO	EACH
Chrome	SC97210	10.11

Diverter Tub Spout
Chrome plated die-cast, front diverter



CONNECTION	STOCK NO	EACH
½" FIP nose end		
Chrome	SC97215	18.62
Slip to ⅝" OD with 1⅜" adjustment		
Chrome	SC97235	24.03



Supply Elbow
for ½" IPS

FINISH	STOCK NO	EACH
Chrome	DEU4980PK	52.17
Venetian Bronze	DEU4980RBPK	91.29
Brilliance Stainless	DEU4980SSPK	87.10



Supply Elbow
for ½" IPS

FINISH	STOCK NO	EACH
Chrome	DE50560PR	72.78
Venetian Bronze	DE50560RB	97.49
Stainless	DE50560SS	84.47
Matte Black	DE50560BL	84.47



UltraFlex Shower Hose

FINISH	SIZE	STOCK NO	EACH
Chrome	70"	DEU490R70PK	41.26



Stretchable Hose
Extendible Stainless Steel hose with Brass Nuts

FINISH	SIZE	STOCK NO	EACH
Chrome	60"-82"	DEU495D60PK	51.61
Chrome	69"-92"	DEU495D69PK	51.23



RP557
C.P. Shower Plate with Screws

SIZE	STOCK NO	EACH
8⅛" x 13"	DERP29827	73.24



3-Way Diverter
Flip Lever • Showerhead

FINISH	STOCK NO	EACH
Chrome	DEU4929PK	61.90
Brilliance Stainless	DEU4929SSPK	84.82



U4920-PK
3-Way Shower Arm Diverter with Hand Shower Mount
- Brass Construction
- ADA Flip Lever Control

FINISH	STOCK NO	EACH
Chrome	DEU4920PK	71.73



Ceiling Mount Shower Arm and Flange
- 6" Long
- 2½" Diameter Flange
- ½" IPS Threads
- Lifetime Faucet and Finish Warranty

FINISH	STOCK NO	EACH
Chrome	DERP61058	81.57
Venetian Bronze	DERP61058RB	214.82
Brilliance Stainless	DERP61058SS	115.93
Matte Black	DERP61058BL	115.93



Square Supply Elbow
for ½" IPS

FINISH	STOCK NO	EACH
Black Stainless	DE50570KSPR	109.18



Volume Control
U4760-PK
- Brass Construction
- Trickle Feature

FINISH	STOCK NO	EACH
Chrome	DEU4760PK	39.72



Vacuum Breaker

FINISH	STOCK NO	EACH
Chrome	DEU4900PK	36.64


9501


4005

Wall Mounts
Ready to mount

FINISH	STOCK NO	EACH
Chrome	DEU9501PK	41.33
Chrome	DEU4005PK	56.79
Brilliance Stainless	DEU4005SSPK	73.87



Swivel connector for hand showers

FINISH	STOCK NO	EACH
Chrome	DEU4002PK	21.77



Deluxe all metal swivel connector for hand showers

FINISH	STOCK NO	EACH
Chrome	DEU5002PK	39.05


3401


4301

Shower Arm Mounts

DESCRIPTION	STOCK NO	EACH
Chrome, w/o pin	DEU3401PK	19.77
Chrome, w/pin	DEU4301PK	30.34



Bonnet

FINISH	STOCK NO	EACH
Chrome	DERP22734	17.38

Shower Heads



52653-PK
Shower Head
- Single Setting Shower Head
- 2¼" Spray Face Diameter

FINISH	STOCK NO	EACH
Chrome	DE52653PK	29.50



Raincan Showerhead
- Full Body Spray Setting
- Touch Clean spray holes
- 5⅛" spray surface

FINISH	STOCK NO	EACH
Chrome	DERP51305	94.13
Venetian Bronze	DERP51305RB	141.33
Brilliance Stainless	DERP51305SS	127.44



Raincan Showerhead
- Soft Rain Spray Setting
- Rigid spout does not swivel
- 8" square

FINISH	STOCK NO	EACH
Matte Black	DERP50841BL	206.80

Hand Sets



59584-SS-PR-PK
7-Setting Hand Shower only

FINISH	STOCK NO	EACH
Stainless	DE59584SSPRPK	125.83



59436-PK
5-Setting Hand Shower only

FINISH	STOCK NO	EACH
Chrome	DE59436PK	80.90



Full Spray with Push Button

FINISH	STOCK NO	EACH
White	DE59462WHBPK	33.84



Full Spray

FINISH	STOCK NO	EACH
White	DE59462WHPK	33.73

Pull-Out/Pull-Down & Single-Handle Sink Fittings



P188103LF
Tunbridge
Single-Handle Pull-Down
- Integrated handle
- Swivels 360 degrees
- 2-function, pull-down sprayer
- 1 or 3-hole sink applications
- Optional escutcheon, 1.5 gpm @ 60 psi
- ½"-14 NPSM threaded male inlet adapters

FINISH	STOCK NO	EACH
Chrome	DEP188103LF	240.08
Stainless	DEP188103LFSS	311.33



RP44479
Saop/Lotion Dispenser
1-hole installation

FINISH	STOCK NO	EACH
Chrome	DERP44479	25.73



P18550LF
CHOICE Single-Handel Pull-Out
- 2-function, pull-out sprayer
- 1 or 3-hole sink applications
- Optional escutcheon
- 1.8 gpm flow rate
- ½" IPS connection

FINISH	STOCK NO	EACH
Chrome	DEP18550LF	174.34



P110LF
CORE Single-Handle
- 3-hole sink application
- Spout swivels 360°
- 1.8 gpm flow rate
- ½" IPS connection

FINISH	STOCK NO	EACH
Chrome	DEP110LF	64.69



P115LF
CORE Single-Handle
- Side spray
- 4-hole sink application
- Spout swivels 360°
- 1.8 gpm flow rate
- ½" IPS connection

FINISH	STOCK NO	EACH
Chrome	DEP115LF	81.08

Single-Handle Lavatory Fittings



P131LF
CORE Single-Handle Lever
- No pop-up
- 4" Centerset
- 3-hole sink application
- 1.5 gpm flow rate
- ½" IPS connection

FINISH	STOCK NO	EACH
Chrome	DEP131LF	60.26



P136LF-M
CORE Single-Handle Lever
- Metal pop-up
- 4" Centerset
- 3-hole sink application
- 1.5 gpm flow rate
- ½" IPS connection

FINISH	STOCK NO	EACH
Chrome	DEP136LFM	81.11

PEERLESS®

Tub & Shower Fittings



PTT188763
CHOICE Shower Only Trim
- Touch-Clean® full spray showerhead
- Fits Delta R10000 Universal Valves
- Includes Delta 13-Series PB cartridge
- 1.5 gpm flow rate from showerhead

R10000 Valves Sold Separately (see page 316)

FINISH	STOCK NO	EACH
Chrome	DEPTT188763	86.59



PTT188773
CHOICE Tub & Shower Trim
- Touch-Clean® full spray showerhead
- Fits Delta R10000 Universal Valves
- Includes Delta 13-Series PB cartridge
- 1.5 gpm flow rate from showerhead
- Slip-on tub spout

R10000 Valves Sold Separately (see page 316)

FINISH	STOCK NO	EACH
Chrome	DEPTT188773	102.98



R10000 Universal Valves Page 316

Two-Handle Laundry Faucet



P299232
CHOICE Two-Handle Laundry
- 4" centerset
- 3-hole sink application
- Threaded spout end
- ½" IPS connection

FINISH	STOCK NO	EACH
Chrome	DEP299232	62.66

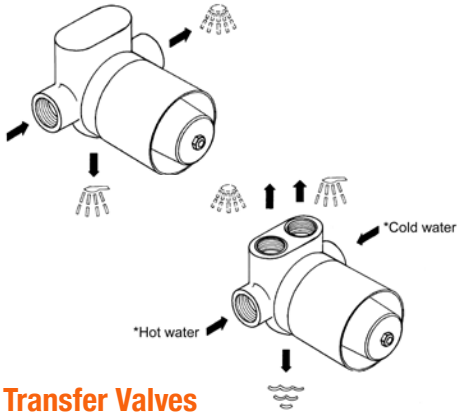
Roman Tub Fillers



Eurocube

- 8 12/19" Spout Reach
- 1/2" Ceramic Cartridges
- GROHE SilkMove Ceramic Cartridge

FINISH	STOCK NO	EACH
Chrome	GR117982	611.43



Transfer Valves

SIZE	STOCK NO	EACH
3-Port Diverter/Transfer Valve		
1/2" NPT Female	GR29712000	213.44
5-Port Diverter/Transfer Valve		
1/2" NPT Female	GR29714000	220.97



Pressure Balance Valve

Tub & Shower Valve with push-button diverter

DESCRIPTION	STOCK NO	EACH
Tub & Shower	GR35016000	174.51



GroheFlex Universal Pressure Balance Valve

Pressure Balance and Thermostatic Rough-In

DESCRIPTION	STOCK NO	EACH
Universal	GR35026000	130.57



Volume Control Rough-In Valve

NPT Connections.

SIZE	STOCK NO	EACH
1/2"	GR29273000	68.42



Wall Union

1/2" NPT Connections.

FINISH	STOCK NO	EACH
Chrome	GR28627000	73.45
Brushed Nickel	GR28627EN0	98.56



Concetto
Centerset Lavatory
- 7 5/16" Faucet Height
- 3 15/16" Swivel Spout Reach
- GROHE SilkMove Ceramic Cartridge
- Single Lever Handle
- Stainless Steel Braided Flexible Supplies

FINISH	STOCK NO	EACH
Chrome	*GR3427000A*	*168.62*



Escutcheon Plates
Euro 6" Escutcheon Plate

FINISH	STOCK NO	EACH
Chrome	*GR07551000*	*21.99*



Escutcheon Plates
Euro 10" Escutcheon Plate

FINISH	STOCK NO	EACH
Chrome	*GR07552000*	*36.66*
Real Steel	*GR07552SD0*	*47.32*

Replacement Cartridges (21)

Pressure Balanced
Cartridges

FOR USE WITH	STOCK NO	EACH
35 015/016	*GR47678000*	*134.16*
35 250	*GR47157000*	*115.30*

Pressure Balanced
Check Inserts

FOR USE WITH	STOCK NO	EACH
35 015/016	*GR47687000*	*60.20*
35 250	*GR47158000*	*66.22*

Reserved

Reserved

Reserved



Chateau Faucet
One-handle Kitchen
- 8½" Spout Height 9⅛" Length
- Three hole application
- Mounts on Sink or Countertop
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	*MO67425*	*130.20*



Chateau Faucet
One-handle Kitchen with side spray
- 8½" Spout Height 9⅛" Length
- Four hole application
- Mounts on Sink or Countertop
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	*MO67430*	*163.69*
Spot Resist™		
Stainless	*MO7430SRS*	*208.91*



Chateau Faucet
One-handle Kitchen with side spray in deck
- 8½" Spout Height 9⅛" Length
- Three hole application
- Mounts on Sink or Countertop
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	*MO67434*	*163.69*



Sleek Faucet
One-handle Kitchen with pulldown hose
- 15.96" Spout Height 7.63" Reach
- Reflex™ pulldown system offers smoother operation, easy movement and secure docking
- PowerBoost™ Spray Technology
- Duralock™ quick connect installation
- Metal construction with various finishes identified by suffix
- Pulldown spray with 68" braided hose
- High arc spout provides height and reach to fill or clean large pots while pullout wand provides the maneuverability for cleaning or rinsing
- 360° rotating spout
- Flexible supply lines with 3/8" compression
- limited lifetime warranty

FINISH	STOCK NO	EACH
Chrome	*MO7864*	*314.63*
Spot Resist™		
Stainless	*MO7864SRS*	*393.30*



Align Spring Pulldown Faucet
One-handle Kitchen
- 22½" Spout Height 10" Length
- Power Clean™ spray technology
- Pulldown hose retracts with ease
- Duralock™ quick connect system
- One or three hole application
- Mounts on Sink or Countertop
- ⅜" Compression connection
- Limited Lifetime Warranty

Optional Deckplate Sold Separately

FINISH	STOCK NO	EACH
Chrome	*MO5923*	*509.93*
Matte Black	*MO5923BL*	*662.89*
Spot Resist™		
Stainless	*MO5923SRS*	*637.35*



Align High Arc Pulldown Faucet
One-handle Kitchen
- 15⅝" Spout Height 7¹⁷⁄₃₂" Length
- Power Clean™ spray technology
- Pulldown hose retracts with ease
- Reflex system for smooth operation, easy movement and secure docking of the spray head
- Duralock™ quick connect system
- One or three hole application
- Mounts on Sink or Countertop
- ⅜" Compression connection
- Limited Lifetime Warranty

Optional Deckplate Sold Separately

FINISH	STOCK NO	EACH
Chrome	*MO7565*	*442.95*
Matte Black	*MO7565BL*	*575.85*
Spot Resist™		
Stainless	*MO7565SRS*	*553.69*



Sleek Faucet with MotionSense Wave
One-handle Kitchen with pulldown hose
- 15⁹⁄₁₆" Spout Height 7⅝" Length
- Single sensor touchless activation
- Power Clean™ spray technology
- Pulldown hose retracts with ease
- Reflex system for smooth operation, easy movement and secure docking of the spray head
- Duralock™ quick connect system
- One or three hole application, deckplate included
- Mounts on Sink or Countertop
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Spot Resist™		
Stainless	*MO7864EWSRS*	*542.74*



Air Gaps
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	*MO105895*	*23.55*
Matte Black	*MO105895BL*	*32.25*
Oil Rubbed Bronze	*MO105895ORB*	*33.98*
Spot Resist Stainless	*MO105895SRS*	*32.51*



Transitional Soap Dispenser
- Top lifts off for easy refill
- 18 ounce refillable bottle
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	*MOS3946C*	*160.76*
Matte Black	*MOS3946BL*	*208.95*
Oil Rubbed Bronze	*MOS3946ORB*	*225.04*
Spot Resist Stainless	*MOS3946SRS*	*200.93*

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Moen Lavatory Fittings (16)

moen.com



Glyde Faucet

Two-handle Lavatory

- 5⅞" Faucet Height
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO66172	149.25



Eva Faucet

Two-handle Lavatory

- 6³⁄₁₆" Faucet Height
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO66410	149.25
Brushed Nickel	MO6410BN	223.50
Oil Rub Bronze	MO6410ORB	240.08



Brantford Faucet

Two-handle Lavatory

- 5" Faucet Height
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO66610	149.25



Dartmoor Faucet

Two-handle Lavatory

- 6¹⁄₁₆" Faucet Height
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO66802	149.25

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Genta Faucet

One-handle Lavatory

- 7¹³⁄₃₂" Height (8¹⁵⁄₃₂" handle up)
- One or Three hole application, deckplate included
- Meets EPA WaterSense® criteria
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO6702	166.31



Vichy Faucet

One-handle Lavatory

- 6²⁷⁄₃₂" Height (8¹⁄₁₆" handle up)
- One hole application
- Meets EPA WaterSense® criteria
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO6710	210.00



Chateau Faucet

One-handle Lavatory

- Chrome 5¾" Height off position
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

DESCRIPTION	STOCK NO	EACH
Assembly Not Included	MOL64600	116.14
50/50 Waste Assembly	MOL64621	142.73
Metal Waste Assembly	MOL64620	151.46



1200 1222 1224 1225 1255 1234

(21)

Moen Replacement Cartridges

DESCRIPTION	STOCK NO	EACH
Single-Handle Brass	MO1200	58.10
Single-Handle Posi-Temp	MO1222	96.96
Two-Handle Hot/Cold	MO1224	19.03
Single-Handle	MO1225	36.62
Single-Handle Duralast	MO1255	37.47
Two-Handle Duralast	MO1234	18.44



(21)

Moen Cartridge Puller

For MO1200, MO1222 & MO1225 Single-Handles

STOCK NO	EACH
MO104421	60.18



Belfield Faucet

Two-handle Lavatory

- 6⁵⁄₁₆" Faucet Height
- 4¹³⁄₁₆" Spout Reach
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO6401	287.10
Brushed Nickel	MO6401BN	373.24
Oil Rub Bronze	MO6401ORB	416.29



Belfield Faucet

One-handle Lavatory

- 9½" Faucet Height
- 5½" Spout Reach
- One or three hole application, deckplate included
- Meets EPA WaterSense® criteria
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO6402	279.53
Brushed Nickel	MO6402BN	363.38
Oil Rub Bronze	MO6402ORB	391.35



Voss Faucet

Two-handle Lavatory

- 6³⁄₁₆" Faucet Height
- 5⅜" Spout Reach
- 4" Centerset - Three hole application
- Meets EPA WaterSense® criteria
- ½" IPS connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO6901	267.90
Brushed Nickel	MO6901BN	354.60
Oil Rub Bronze	MO6901ORB	380.89



Voss Faucet

One-handle Lavatory

- 7¹¹⁄₁₆" Faucet Height
- 4¹¹⁄₁₆" Spout Reach
- One or three hole application, deckplate included
- Meets EPA WaterSense® criteria
- ⅜" Compression connection
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Chrome	MO6903	269.55
Brushed Nickel	MO6903BN	356.78
Oil Rub Bronze	MO6903ORB	383.21



Voss Tub/Shower

Standard - One function

- Lever style handle
- 4 1/16" diameter spray head
- 7 3/4" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	MOT2693	214.01
Brushed Nickel	MOT2693BN	388.84
Oil Rubbed Bronze	MOT2693ORB	427.91
Shower Only		
Chrome	MOT2692	168.19
Brushed Nickel	MOT2692BN	305.93
Oil Rubbed Bronze	MOT2692ORB	336.45



Glyde Tub/Shower

Standard - One function

- Lever style handle
- 3 3/4" diameter spray head
- 7" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2743	103.88
Shower Only	Chrome	MOT2742	71.40



Glyde Tub/Shower

Rainshower - One function

- Lever style handle
- 8" diameter spray head
- 7" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Meets EPA WaterSense® criteria
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2843EP	142.95
Shower Only	Chrome	MOT2842EP	111.11



Eva Tub/Shower

Standard - One function

- Lever style handle
- 3 3/8" diameter spray head
- 7" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	MOT2133	103.88
Brushed Nickel	MOT2133BN	202.65
Oil Rubbed Bronze	MOT2133ORB	222.94
Shower Only		
Chrome	MOT2132	71.40
Brushed Nickel	MOT2132BN	153.64
Oil Rubbed Bronze	MOT2132ORB	168.94



Eva Tub/Shower

Rainshower - One function

- Lever style handle
- 8" diameter spray head
- 7" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Meets EPA WaterSense® criteria
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2233EP	142.95
Shower Only	Chrome	MOT2232EP	111.11



Vichy Tub/Shower

Eco-performance - One function

- Lever style handle
- 3 3/4" diameter spray head
- 6" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Meets EPA WaterSense® criteria
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2663EP	87.30
Shower Only	Chrome	MOT2662EP	57.94



Belfield Tub/Shower

Standard - One function

- Lever style handle
- 7" diameter spray head
- 7 3/4" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Tub & Shower		
Chrome	MOT2313	214.73
Brushed Nickel	MOT2313BN	390.34
Oil Rubbed Bronze	MOT2313ORB	429.64
Shower Only		
Chrome	MOT2312	168.86
Brushed Nickel	MOT2312BN	307.16
Oil Rubbed Bronze	MOT2312ORB	337.69



Brantford Tub/Shower

Standard - One function

- Lever style handle
- 3 3/8" diameter spray head
- 6 1/2" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2153	103.88
Shower Only	Chrome	MOT2152	71.40



Brantford Tub/Shower

Rainshower - One function

- Lever style handle
- 8" diameter spray head
- 6 1/2" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Meets EPA WaterSense® criteria
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2253EP	142.95
Shower Only	Chrome	MOT2252EP	111.11

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Genta Tub/Shower

Eco-performance - Three function

- Lever style handle
- 3¾" diameter spray head
- 7" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Meets EPA WaterSense® criteria
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2473EP	83.63
Shower Only	Chrome	MOT2472EP	55.58



Dartmoor Tub/Shower

Standard - One function

- Lever style handle
- 4" diameter spray head
- 7" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2183	103.88
Shower Only	Chrome	MOT2182	71.40

Eco-performance - One function

- Meets EPA WaterSense® criteria

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOT2183EP	89.21
Shower Only	Chrome	MOT2182EP	59.21



Chateau Tub/Shower

Standard - One function

- Lever style handle
- 2 ½" diameter spray head
- 5 ½" tub spout length
- Posi-Temp control valve sold separately
- Slip fit tub spout
- Limited Lifetime Warranty

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOTL183	60.94
Shower Only	Chrome	MOTL182	37.54

Eco-performance - One function

- Meets EPA WaterSense® criteria

TRIM	FINISH	STOCK NO	EACH
Tub/Shower	Chrome	MOTL183EP	60.94
Shower Only	Chrome	MOTL182EP	37.54

Moen Valves



Posi-Temp Pressure-Balancing Valve

- Built on the Moen M–PACT common valve system, allowing you to update the faucet style without replacing any plumbing
- Connection: ½" CPVC with four ports
- Valve meets ASSE performance requirements

CONSTRUCTION	STOCK NO	EACH
Brass	MO62340	123.19



Widespread Lav Rough-in Valve

- Duralock quick connect system
- Connection: ½" IPS
- Includes pop-up waste assembly

For 3-hole faucets with 8" - 16" Centers

CONSTRUCTION	STOCK NO	EACH
Brass	MO9000	124.05



Eco-Performance Handshower

- 5½" diameter spray head
- 6 Function: rinse, invigorating spray, wide coverage, downpour, massage, and relaxing massage
- 59" Hose Length
- Magnetix docking system
- Meets EPA WaterSense® criteria
- Limited Lifetime Warranty

FINISH	STOCK NO	EACH
Handshower		
Chrome	MO3662EP	171.64
Brushed Nickel	MO3662EPBN	232.69
Oil Rubbed Bronze	MO3662EPORB	292.76



Posi-Temp Pressure-Balancing Valve

- Built on the Moen M–PACT common valve system, allowing you to update the faucet style without replacing any plumbing
- Connection: ½" CC with four ports
- Valve meets ASSE performance requirements

CONSTRUCTION	STOCK NO	EACH
Brass	MO62320	111.04



Posi-Temp Pressure-Balancing Valve with ¼ Turn Stops

- Built on the Moen M–PACT common valve system, allowing you to update the faucet style without replacing any plumbing
- Connection: ½" CC with four ports
- Valve meets ASSE performance requirements

CONSTRUCTION	STOCK NO	EACH
Brass	MO62370	135.00



MO62380 MO62360

Posi-Temp Pressure-Balancing Valve

- Built on the Moen M–PACT common valve system, allowing you to update the faucet style without replacing any plumbing
- Connection: ½" crimp ring PEX with four ports
- Valve meets ASSE performance requirements

CONSTRUCTION	STOCK NO	EACH
Brass No Stops	MO62380	111.04
Brass 1/4 Turn Stops	MO62360	135.00



MO62365 MO62385

Posi-Temp Pressure-Balancing Valve with F1960 Cold Expansion Pex

- Built on the Moen M–PACT common valve system, allowing you to update the faucet style without replacing any plumbing
- Connection: ½" cold exp. PEX with four ports
- Valve meets ASSE performance requirements

CONSTRUCTION	STOCK NO	EACH
Brass No Stops	MO62365	111.04
Brass 1/4 Turn Stops	MO62385	135.00



Braxton Utility Shower

Chrome plated brass body. ½" union inlets are combination threaded or sweat connection. 24" galvanized riser, shower head and soap dish. Valve is reversible for top inlet.

STOCK NO	EACH
US	*79.24*



LTF



LTFCS

Braxton Claw foot tub Faucet

Cast brass with deluxe chrome plating. Renewable seats. 3⅜" centers.

STOCK NO	EACH
Regular	
LTF	*53.45*
with Code Approved Spout	
LTFCS	*57.37*

For Bath Faucet Coupling see page 411

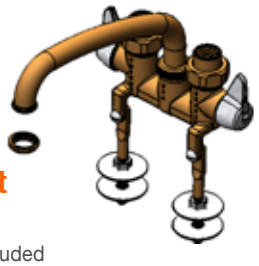
Drinking Water Faucet



Drinking Water Faucet

Bar and sink faucet with plastic handle; press down for easy flow, lift for continuous flow. ½" minimum, 1⅞" maximum hole required.

STOCK NO	EACH
DWF	*37.70*



44 Series Laundry Faucet

- Cast brass body
- 8" tube spout
- Threaded legs included

STOCK NO	EACH
C-N-I Fitz-All Union Supplies ½" NPT	
UB44	*91.59*
½" Female Direct Sweat	
UB44DS	*79.09*



47 Series Shell Type Laundry Faucet

- Garden hose adapter
- 8" tube spout
- Metal handles
- 4" centers
- Washer-type
- Renew valves and seats

STOCK NO	EACH
UB47	*88.35*

Chicago Faucet Lavatory Fittings (49)

chicagofaucets.com

No. 802V



- 4" centers
- 4" spout
- 390 handles
- E12VP aerator

STOCK NO	EACH
CF802VABCP	258.33

No. 802A-665



- 4" centers
- Self-closing metering
- 4" spout
- 665 MVP metering valve and handle
- E12 aerator
- Color coded index

STOCK NO	EACH
CF802665ABCP	175.74

No. 404V



- 8" centers
- 5" spout
- 390 handles
- E12VP aerator

STOCK NO	EACH
CF404VABCP	500.36

No. 420



- 4" centers
- 4⅝" spout
- Metal lever handle
- 1.5 GPM
- LESS pop-up.

STOCK NO	EACH
CF420ABCP	101.76
Built-in ASSE 1070 certified scald protection	
CF420T45E2805ABCP	205.01

Hands-Free Infrared Detection



EQ Curved Series

Concealed Mechanical Mixing Valve

- Hands-Free Infrared Detection
- Single hole Lavatory
- Powered by 4 "AA" Alkaline Batteries (Included)

FINISH	STOCK NO	EACH
Concealed Mechanical Mixing Valve		
Chrome	CFEQA11A12ABCP	697.12
Concealed Thermostatic Mixing Valve		
Chrome	CFEQA11A13ABCP	381.81



Cover Plate

For EQ Curved Series

SIZE	STOCK NO	EACH
4"	CFEQA12KJKCP	39.79
8"	CFEQA13KJKCP	69.60

No. 2200-4



- Single lavatory fitting
- Soft closing valve
- Adjustable limit stop
- Integral flow control
- ⅜" copper tube
- E12 aerator

STOCK NO	EACH
CF22004ABCP	552.23

No. 333-665PSH



- Single lavatory fitting
- Self-closing metering
- 665 MVP metering valve and handle
- E12 aerator

STOCK NO	EACH
CF333665PSHABCP	103.84

No. 327A



Non-removable strainer

TAILPIECE LENGTH	STOCK NO	EACH
1¼"	CF327XCP	18.05
1½"	CF327X112TPCP	114.38



No 1102
- 8" centers
- L8 8" spout
- 1000 handles
- E3 aerator
- Hose and spray

STOCK NO	EACH
CF1102ABCP	519.13



No 1100
- 8" centers
- L8 8" spout
- 1000 handles
- E3 aerator

STOCK NO	EACH
CF1100ABCP	427.21



No 201A
- 8" centers
- L9 9½" spout
- 369 handles
- E3 aerator
- Low profile spout base

STOCK NO	EACH
CF201AABCP	363.66



2301-8ABCP Single Lever Hot and Cold Water Mixing Sink Faucet with Side Spray
- 8" Fixed Centers
- 10" Ctr to Ctr Integral Cast Brass Swing Spout
- E12AB - 2.2 GPM Aerator
- 2300-225 - 4⅝" Lever Handles
- 2300-XAB - Ceramic Volume Control and Hot Water Limit Stop Cartridge
- ⅜" Comp. Flexible Stainless Steel Supply Hoses
- Chrome Plate Finish

STOCK NO	EACH
CF23018ABCP	803.25



No 445
- H supply arms
- Adjustable centers: 4" to 8⅜"
- 369 handles
- E3 aerator

STOCK NO	EACH
S6 6" Spout	
CF445ABCP	419.07
Less Spout	
CF445LESAB	349.68
L8 8" Spout	
CF445L8ABCP	486.09



No 540
- G supply arms
- Adjustable centers: 7¼" to 8¾"
- 369 handles
- E3 aerator

STOCK NO	EACH
S6 6" Spout with Soap Dish	
CF540ABCP	502.51
S6 6" Spout LESS Soap Dish	
CF540LDABCP	410.63
LESS Spout with Soap Dish	
CF540LDLESAB	333.67



No 886 "Quaturn" Exposed Sink Faucet
- H supply arms
- Adjustable centers 4" to 8⅜"
- L5VB 5¾" vacuum breaker swing spout
- 369 handles
- ¾" hose thread outlet

STOCK NO	EACH
CF886CP	636.90

Chicago Faucet Laundry Tray Fittings (49)



No 332
- Single inlet
- S6 6" spout
- 369 handle (indexed cold)
- E3 aerator
- ½" flanged female inlet shank

STOCK NO	EACH
CF332ABCP	279.44



No 686RCF
- Laundry tray faucet
- Supplies from above
- Clamp attachment to sink
- S6 6" spout
- E2 hose thread outlet
- ½" female inlets on 3⅜" centers

FINISH	STOCK NO	EACH
Rough chrome	CF686RCF	357.01



No 772
- S6 6" spout
- 369 handles
- E3 aerator
- Body inlets on 3⅜" centers
- W flanged female inlet shanks

FINISH	STOCK NO	EACH
Polished Chrome	CF772ABCP	387.10



(18)
20.600 Faucet Block
Molded faucet block for overhead supplies.

STOCK NO	EACH
MU20600	4.56

Chicago Faucet Pantry Fittings (49)

chicagofaucets.com



No 350
- Single hole inlet
- GN2A 5⅜" spout
- 369 handle (indexed cold)
- E3 aerator

STOCK NO	EACH
CF350ABCP	262.41



No 895
- 4" centers
- GN1A 3½" spout
- 369 handles
- E3 aerator

STOCK NO	EACH
CF895ABCP	316.93
Less Spout	
CF895LESAB	251.92



No 891
- 4" Centers
- S6 6" spout
- 369 handles
- E3 aerator

STOCK NO	EACH
CF891ABCP	331.69



No 50-E3
- Single hole inlet
- GN2A 5⅜" spout
- 369 handles
- E3 aerator

STOCK NO	EACH
CF50ABCP	369.16

Chicago Faucet Service Sink Fittings (49)



No 305-RCF
- Short Spout
- ¾" hose thread outlet
- H supply arms
- Inlets adjustable from 4" to 8⅜" centers
- 369 handles

FINISH	STOCK NO	EACH
Rough Chrome	CF305RCF	294.20

No 305-R-RCF
Same as 305 but with R integral stop arms

FINISH	STOCK NO	EACH
Rough brass	CF305RRCF	285.41



No 305-VB-RCF
Same as 305 but has spout with vacuum breaker

FINISH	STOCK NO	EACH
Rough chrome	CF305VBRCF	367.88



No 897
- Solid, cast brass valve body
- Integral supply stops
- Vacuum breaker spout
- Cast pail hook
- Wall support w/flange
- ¾" hose thread outlet
- Inlets 8" to center
- 369 handles

FINISH	STOCK NO	EACH
Polished Chrome	CF897MPCP	144.73
Rough Chrome	CF897MPRCF	117.68
With Check Stop		
Polish Chrome	CF897MPCCP	151.05



No 835
- Vacuum breaker spout
- ¾" hose thread outlet
- Pail hook with wall support
- Exposed valve for supplies from ceiling
- 633 handles
- Inlets on 6" centers with ½" female unions

FINISH	STOCK NO	EACH
Polished Chrome	CF835CP	742.43
Rough Chrome	CF835RCF	650.72

Chicago Faucet Urinal Valves (49)

chicagofaucets.com



No 733-665-PSH

Wall Mounted Straight Urinal Valve with Riser

- Straight valve
- 665 - MVP metering valve and handle
- MVP metering cartridge

STOCK NO	EACH
CF733665PSHCP	240.10



Wash Down Urinal Flush Valves

Polished C.P. • No 732-665/732-VB-665

- Adjustable MVP slow closing push-button
- Angle valve with loose wall flange
- ¾" O.D. 8" long tailpiece
- Urinal flange, spud nut and friction ring assembly
- ½" I.P.S. female inlet

STOCK NO	EACH
CF732665PSHCP	229.80
With Vacuum Breaker	
CF732VB665PSHCP	295.05

Chicago Faucet Stops (49)



No 442

- ½" female inlet and outlet angle valve
- 633 cross handle

FINISH	STOCK NO	EACH
Chrome	CF442ABCP	95.98



No 45

- ½" female inlet and outlet
- Straight valve
- 633 cross handle

FINISH	STOCK NO	EACH
Chrome	CF45ABCP	114.67

Chicago Faucet Food Service Fittings (49)

chicagofaucets.com



No 349

- Single hole inlet
- S6 6" spout
- 369 handle (indexed cold)
- E3 aerator

STOCK NO	EACH
CF349ABCP	270.11



No 51

- Single hole inlet
- S6 6" spout
- 369 handles
- E3 aerator

STOCK NO	EACH
CF51ABCP	387.10



No 613-A

- Adapta faucet
- Can be added to pre-rinse
- Eliminates separate faucet installation
- ⅜" top outlet
- L9 9½" spout with E1 outlet

STOCK NO	EACH
CF613AABCP	272.26



No 919L

- Deck mounted pre-rinse
- ½" female inlets with ¼" check tailpieces
- ⅜" x 23" riser
- Riser support bracket
- 36" S/S flexible hose
- 80 spray head
- 369 handles

STOCK NO	EACH
CF919XKCAB	827.06

No 919S

Riser, hose, spring and spray assembly (all parts above faucet body) from above No 919.

STOCK NO	EACH
CF919SLABCP	485.33



CF-83-44NF pictured

Replacement Hoses

- Flexible stainless steel hose
- ⅜" NPT male inlet

LENGTH	STOCK NO	EACH
36"	CF1919039KJKABNF	89.78
44"	CF8344ABNF	124.45



No 1366-NF

- Twist drain
- For 3½" sink opening
- Slip nut for overflow outlet and blind cap for non-overflow outlet
- 2" NPT male outlet

STOCK NO	EACH
CF1366NF	205.06



No. 90-LAB

Water Conserving Pre-Rinse Spray Valve

- 1.42 GPM @ 60PSI
- Rubber Bound Spray Head
- Spring Cam Valve - ¾" - 14 UNS Male Inlet

STOCK NO	EACH
CF90LABCP	116.50



No 510-GCL

- Wall mounted pre-rinse
- ½" female inlets
- GC integral check supply arms
- Adjustable centers: 7¼" to 23" riser
- Riser support bracket
- 36" S/S flexible hose
- 80 spray head
- 369 handles

STOCK NO	EACH
CF510GXKCAB	831.09

T&S Brass Parts & Accessories

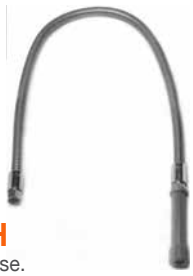


(21)

T&S Brass 002712/711-40

Replacement spring check spindle assembly.

STEM	STOCK NO	EACH
Hot	STD1853	79.58
Cold	STD1854	79.58



(49)

T&S Brass B-0044-H

- Flexible stainless steel hose.
- Inner rubber tubing.
- 9/16" ID

LENGTH	STOCK NO	EACH
44"	B44SSFLHO	94.85



(49)

T&S Brass 053A

⅜" NPT male adapter.

FOR USE WITH CHICAGO FAUCETS

STOCK NO	EACH
TS053A	14.13



(49)

T&S Pre-Rinse Spray Valve

No. B-0107

STOCK NO	EACH
B0107	107.14



(21)

Installation Kit

Two short elbows, nipples, lock nuts and washers.
½" NPT Female x Male

No. B-0230-K

STOCK NO	EACH
B0230K	65.86

Chicago Faucet Bubbler (49)



No 748-665

- Self-closing
- Angle stream nozzle
- 1.6 GPM flow control in shank
- 665 push handle

STOCK NO	EACH
CF748665ABCP	376.01

Chicago Faucet Sill Faucets (49)

chicagofaucets.com

No 387-RCF



- Flanged ¾" female inlet
- ¾" hose thread on outlet
- Lock shield cap
- 293-6 removable tee handle

FINISH	STOCK NO	EACH
Rough Chrm Plate	CF387RCF	103.52

No 998-RCF



- Outside sill faucet2
- Vacuum breaker
- ¾" hose thread outlet
- Lock shield cap
- 293-6 removalbe tee handle
- ¾" flanged female inlet
- Drain plug

FINISH	STOCK NO	EACH
Rough Chrm Plate	CF998RCF	264.56

No 952



- Inside sill faucet
- Vacuum breaker
- ¾" hose thread outlet
- Lock shield cap
- 293-6 removable tee handle
- ¾" flanged female inlet

FINISH	STOCK NO	EACH
Polished Chrome	CF952CP	194.45

Chicago Faucet Vacuum Breakers (49)



Vacuum Breakers

For preventing back siphonage.

NO	SIZE	STOCK NO	EACH
892	½"	CF892ABCP	88.74
893	⅜"	CF893ABCP	98.94

(21a)



No 734-1 Tailpiece Adapter

Use with Chicago vacuum breakers to convert regular flush valves to VB type valves.

STOCK NO	EACH
CF734001JKCP	65.83

(21a)



Vacuum Breaker Repair Kits

DESCRIPTION	STOCK NO	EACH
Repair Kit	CF892402KJKABNF	50.56



No. 802-317
- 4" centers
- 4" spout
- 317 4" blade handles
- E12 aerator

STOCK NO	EACH
CF802317ABCP	135.03



No. 895-317
- 4" centers
- 3½" spout
- 317 4" blade handles
- E3 aerator

STOCK NO	EACH
CF895317ABCP	145.18



No. 895-317GN2AE3ABCP
- 4" Centers
- 5½" gooseneck spout
- 317 4" blade handles
- E3 aerator

STOCK NO	EACH
CF895317GN2AE3ABCP	152.21



No. 786-E3
- Concealed fitting
- 4" wrist blade handles
- 5¼" gooseneck spout
- Pressure compensating Softflo aerator
- Polished Chrome

STOCK NO	EACH
CF786E3ABCP	239.85



No. 786-E29
- 5¼" gooseneck spout
- 2.2 GPM Non-Aerating Outlet
- 4" Vandal Proof Wristblade Handle
- Ceramic 1/4 Turn Cartridge

Chrome Plate Finish

STOCK NO	EACH
CF786E29XKABCP	245.61



No. 786-GN2FCXK
- Concealed fitting
- Wrist blade handles.
- Rigid/swing plain end gooseneck spout
- Laminar flow controldevice in spout
- Ceramic disc operating cartridge

STOCK NO	EACH
CF786GN2FCXKABCP	242.88



No. 814
- 6" blade handles
- Integral stop arms
- 2" supply extensions
- Plain outlet
- Wall brace attaches to 1½" O.D.flush pipe
- Adjustable centers 8" to 13"

STOCK NO	EACH
CF814CP	834.42



No. 815-VB
- 6" blade handles
- Integral stop arms
- 5" supply extensions
- Vacuum breaker spout
- ¾" hose thread outlet
- Wall brace attaches to 1½" O.D.flush pipe
- Adjustable centers 8" to 13"

STOCK NO	EACH
CF815VBCP	951.37



No. 626-E3
- Deck mount
- GN2A 5⅜" spout
- E3 aerator
- Spout base

STOCK NO	EACH
CF626E3ABCP	148.25



No. 625
- Double pedal valve
- Two ½" female back inlets
- One ⅜" female back outlet
- Mixing

STOCK NO	EACH
CF625ABCP	262.87



No. 625-LP
Same as 625 except with 8" long pedals
For mounting on base 5½" above floor

STOCK NO	EACH
CF625LPABCP	453.46



No. 628
- Single pedal valve
- One ½" female back inlet
- One ½" female back outlet

STOCK NO	EACH
CF628ABCP	319.83



No. 834-EP
- Wall hung
- Double pedal valve
- Long pedals
- ½" angle stop inlets on 2½" centers
- One ⅜" female outlet

STOCK NO	EACH
CF834EPABCP	908.51



No 928
- Single water connection
- 6" vacuum breaker spout
- 204 handles
- E7 serrated nozzle outlet

STOCK NO	EACH
CF928CP	248.83



No 929
- Combination sink fitting
- GN2B 5-3/8" spout
- 204 handles
- E7 serrated nozzle outlet

STOCK NO	EACH
CF929CP	319.92



No 969
- Deck mount
- For distilled water only
- GN2B 5⅜" spout
- E7 serrated nozzle outlet
- Self-closing
- ½" flanged female inlet

Tin plate interior with chrome plate exterior

STOCK NO	EACH
CF969CTF	404.24



No 937
- Pressure to 125 psi
- For water
- ⅜" IPS male inlet
- E7 ⅜" IPS male removable serrated nozzle outlet
- 204 cross handle

STOCK NO	EACH
CF937CP	112.89



No 986
Back Mount Flange
- ⅜" NPT male inlet shank - shipped loose
- ⅜" NPT female outlet

STOCK NO	EACH
CF986CP	39.14

Single Turret



No 980
- Single side outlet
- ⅜" I.P.S. female inlet and outlet

Inlet Shank Required

STOCK NO	EACH
CF980CP	38.41

Inlet Shanks (21a)



No 957-3K
⅜" x 4¾" long inlet shank

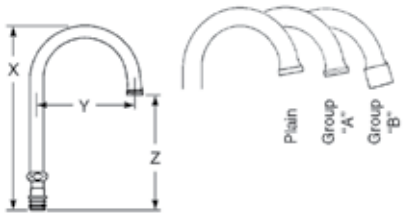
STOCK NO	EACH
CF957003	29.81

Special Spout Adapters (21a)



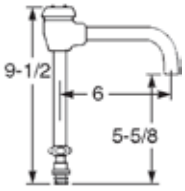
No 216
Index Buttons

FINISH	STOCK NO	EACH
Air	CF216278JKNF	8.33



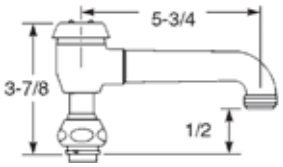
Model	X	Y	Z
GN1A-E3	8¼"	3½"	5⅞"
GN2A-E3	9¾"	5⅜"	6⅛"
GN2B	9¾"	5⅜"	5⅝"
GN2AH13-13	13"	5⅜"	9½"
GN2AH17-E3	17"	5⅜"	12⅞"
GNA-E3	11¼"	8"	6⅛"

STOCK NO	EACH
CFGN1AE3JKABCP	84.97
CFGN2AE3JKABCP	99.33
CFGN2BJKABCP	87.93
CFGN2AH13E3JKABCP	156.57
CFGN2AH17E3JKABCP	169.02
CFGN8AE3JKABCP	120.74



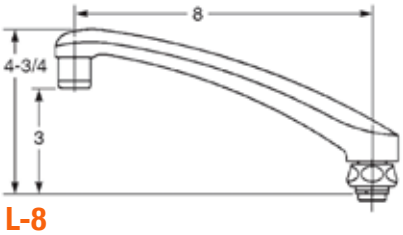
No GN-2B-VB
Rigid/swing convertible gooseneck spout with vacuum breaker

FINISH	STOCK NO	EACH
Polished Chrome	CFGN2BVBJKABCP	233.92



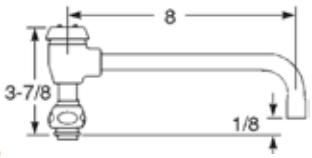
No L5-VB
Swinging spout with cast brass outlet spout member with integral ¾" hose thread outlet

FINISH	STOCK NO	EACH
Chrome	CFL5VBJKCP	206.39



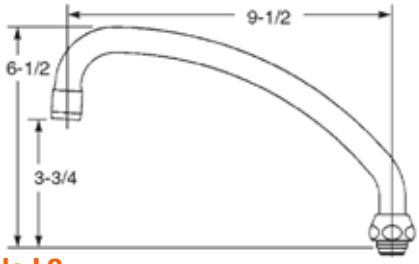
No L-8
8" swinging spout

FINISH	STOCK NO	EACH
Polished Chrome	CFL8JKABCP	124.12



No L8B-VB
Swinging spout with vacuum breaker with ⅜" IPS female outlet.

FINISH	STOCK NO	EACH
Polished Chrome	CFL8BVBJKABCP	240.18



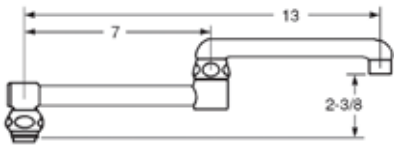
No L9
9½ " swinging spout

FINISH	STOCK NO	EACH
Polished Chrome	CFL9JKABCP	94.77



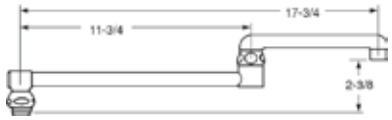
No S6
6" swinging spout

FINISH	STOCK NO	EACH
Polished Chrome	CFS6JKABCP	98.48



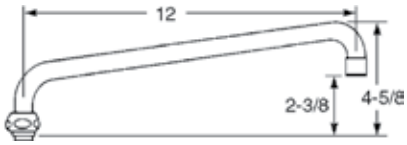
No DJ13
13" Double-jointed spout

FINISH	STOCK NO	EACH
Polished Chrome	CFDJ13JKABCP	210.35



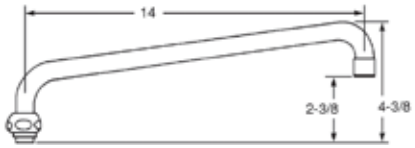
No DJ-18
17¾" Double-jointed spout

FINISH	STOCK NO	EACH
Polished Chrome	CFDJ18JKABCP	223.69



No L12

FINISH	STOCK NO	EACH
Polished Chrome	CFL12JKABCP	94.77



No L15

FINISH	STOCK NO	EACH
Polished Chrome	CFL15JKABCP	131.77

(21a)
1-6 Packing for swing spouts

STOCK NO	EACH
CF1006JKABNF	4.71

(21a)
1-026 Split Ring for spout packing

STOCK NO	EACH
CF1026JKABRBF	3.03

Chicago Faucet Spout Accessories (21a)

chicagofaucets.com

Group "A" Spout Ends to fit Group "A" Gooseneck Spouts



No E2

¾" hose thread.

FINISH	STOCK NO	EACH
Rough Chrome	CFE2JKRCF	19.01



No E3

2.5 GPM Softflo aerator

STOCK NO	EACH
CFE3JKABCP	29.67



No E3VP

- Vandal resistant 2.5 GPM Softflo aerator
- Installed with spanner wrench provided
- Free turning once installed

STOCK NO	EACH
CFE3VPJKABCP	37.84



No K1

Special Adapter with 13/16" - 24 female inlet thread and ⅜" straight female outlet thread to convert Type "A" spout outlet take Group "B" spout ends.

STOCK NO	EACH
CFK1JKABCP	19.09



No K2

Special Adapter with ⅜" straight male inlet and male thread outlet to convert type "B" spout outlet to take Group "A" spout ends.

STOCK NO	EACH
CFK2JKABRCF	19.26

No K3

Special Adapter with ¾" hose thread inlet for Group "A" spout ends on outlet. Permits adding No. E3 Softflo.

STOCK NO	EACH
CFK3JKABCP	31.74



No K4

Special Adapter to convert type "A" male thread to thread for most automatic dishwasher spout couplings.

STOCK NO	EACH
CFK4JKABCP	12.85

Group "B" Spout Ends to fit Group "B" Gooseneck Spouts



No E4

1⅜" Rose spray with ⅜" straight NPSM male inlet and removable face plate.

STOCK NO	EACH
CFE4JKABCP	84.64



No E12

Softflo 2.5GPM aerator with 13/16" - 27 male thread. For use on wide spread and centerset lavatory faucets such as 802A.

STOCK NO	EACH
CFE12JKABCP	29.67



No E2805-05JK

½ GPM spray outlet delivers a constant flow regardless of pressure. Used with Chicago Faucet aerated male outlet fittings such as 786-E3. Vandal resistant.

STOCK NO	EACH
CFE28055JKABCP	63.73



No E7

10-serration laboratory hose nozzle with integral flow control device in inlet limiting flow to ¾" GPM regardless of pressure.

STOCK NO	EACH
CFE7JKCP	36.97

Supply Connections



No G

⅜" offset with ½" NPT female inlet.

STOCK NO	EACH
CFGJKABCP	85.98



No H

2½" offset with ½" NPT female inlet.

STOCK NO	EACH
CFHJKABCP	124.73



No HC

2½" offset with ½" NPT female inlet and integral check.

STOCK NO	EACH
CFHCJKABCP	142.23



No R

2½" offset with built-in shut-off stop and ½" NPT female inlet.

STOCK NO	EACH
CFRJKABCP	167.85

No 1-11

Washer for above

STOCK NO	EACH
CF1011JKABNF	1.30

Naiad
Push Button Self-Closing



Push Button and Oscillating Handle

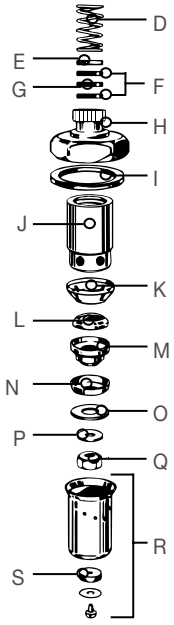
MODEL	DESCRIPTION	STOCK NO	EACH
333X-C	Cold Unit	CF333XCOLDJKABNF	129.71
333X-H	Hot Unit	CF333XHOTJKABNF	129.71
333X-SLO	With self-closing feature.	CF333XSLOPJKABNF	142.91
625X	Pedal valve unit	CF625XJKABNF	133.46

Parts List

Those parts listed in the "Descrtiption" column below that are mare marked with an asterisk(*) are parts that are recommended for replacement when renewing these operating units. Other parts not so marked may require replacement depending on the amount of wear they have received and their condition when examined.

PARTS LIST

	Description	NAIAD - Self Closing Operating Units Push Button and Oscilating Handles		Tip-Tap NAIAD Operating Units Adjustable Slow-Closing		Jiffy Repair Kit
		333X	625X	335X	409	#849
	Stem	--	333.20	--	--	
D	Spring	395-18				2
E	Washer	319-12				--
F	"O" Ring*	319-40				4
G	Leather Washer*	319-35				2
H	Cap	319-3	319-3	335-5	409-1	--
I	Gasket*	1-43				2
J	Sleeve	433-42				--
K	Seat*	1-27				2
L	Washer*	244-6				2
M	Retainer	333-26				--
N	Cup*	333-40				2
O	Washer	333-39				--
P	Washer	1-31				--
Q	Nut	333-97				--
R	Dash Pot	333-75	333-75	333-75K	333-75K	--
S	Washer	--	--	333-27	333-27	--



Parts List

NO	DESCRIPTION	STOCK NO	EACH
395-18	Spring	CF395018JKNF	4.44
1-43	Gasket.	CF1043JKABNF	1.33
1-27	Seat	CF1027JKABNF	2.76
1-31	Washer	CF1031JKABNF	1.30
333-97	Nut	CF333097JKABNF	3.11
333-73K	Dash Pot Assy. .	CF333073KJKABNF	29.16



No 849
Jiffy Repair Kit

For contents see chart at left.

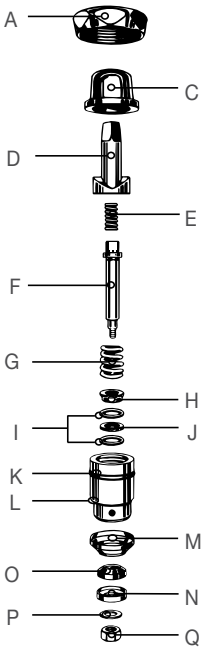
STOCK NO	EACH
CF849DAB	32.33

Klo- Self



Handle Type Self-Closing Operating Units

NO	STOCK NO	EACH
826X	CF826XJKABNF	143.13

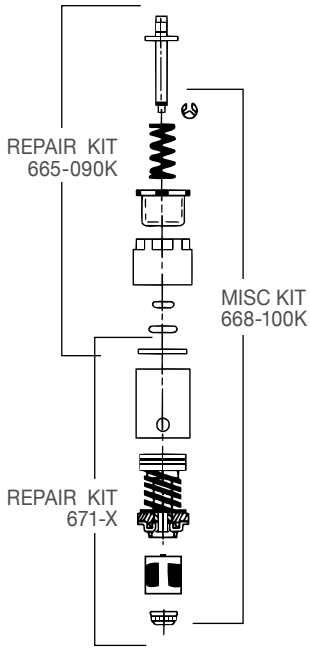


Parts List

NO	DESCRIPTION	STOCK NO	EACH
1-27	Seal	CF1027JKABNF	2.76
1-31	Washer	CF1031JKABNF	1.30
333-97	Nut	CF333097JKABNF	3.11

MVP Metering Valve Cartridge and Actuator





No 665-090K Actuator Repair Kit

STOCK NO	EACH
CF665190KJKABNF	47.48

No 667X Lower Unit Kit

STOCK NO	EACH
CF671XJKABNF	78.54

No 668-100K Misc Kit

STOCK NO	EACH
CF668100KJKABNF	14.09



Operating Cartridge

Included in Retrofit Kits

MODEL NO	DESCRIPTION	STOCK NO	EACH
Includes Hot/Cold Indicators			
665RKP	Push	CF665RKPABCP	124.26

Hand Closing Units

Quaturn Operating Units

MODEL	DESCRIPTION	STOCK NO	EACH
Exposed Cap			
1-99XT	*Right hand unit*	*CF1099XTBL12JKABNF*	*39.98*
1-100XT	*Left hand unit*	*CF1100XTBL12JKABNF*	*39.98*
Above with Ceramic Disk			
1-99XKJK	*Right hand unit*	*CF1099XKBL12JKABNF*	*45.49*
1-100XKJK	*Left hand unit*	*CF100XKBL12JKABNF*	*42.12*
Concealed Cap			
1-377-XT-LH	*Left hand unit*	*CF377XTLHBL12JKABNF*	*47.17*
1-377-XT-RH	*Right hand unit*	*CF377XTRHBL12JKABNF*	*47.17*
377-XK-LHJK	*Left hand unit*	*CF377XKLHBL12JKABNF*	*59.00*
377-XK-RHJK	*Right hand unit*	*CF377XKRHBL12JKABNF*	*59.00*



Slow Compression Operating Units

MODEL	DESCRIPTION	STOCK NO	EACH
Exposed Cap			
1217-XT-LH	*Left hand unit*	*CF217XTLHJKABNF*	*41.27*
Concealed Cap			
274-XT-LH	*Left hand unit*	*CF274XTLHJKABNF*	*52.33*
274-XT-RH	*Right hand unit*	*CF274XTRHJKABNF*	*52.33*

PARTS LIST

	QUANTURN OPERATING UNITS				SLOW COMPRESSION UNITS			
	Exposed Cap		Concealed Cap		Exposed Cap		Concealed Cap	
Part	**1-99-XT**	**1-100-XT**	**377-XT-LH**	**377-XT-RH**	**217-XT-LH**	**217-XT-RH**	**274-XT-LH**	**274-XT-RH**
Desc.	RH	LH						
A Cap	1-214	1-214	274-004	274-004	1-214	1-214	274-004	274-004
B Packing								
Assembly*	93-131	93-131	93-131	93-131	93-131	93-131	93-131	93-131
C Stem	1-311K	1-310K	274-110K	274-111K	1-314K	1-315K	274-112K	274-115K
D Sleeve**	2-329	2-328	2-329	2-328	317-102	317-103	317-102	317-103
E O-Ring	2-043	2-043	2-043	2-043	2-043	2-043	2-043	2-043
F Seat*	1-327	1-327	1-327	1-327	1-327	1-327	1-327	1-327
G O-Ring	1-328	1-328	1-328	1-328	1-328	1-328	1-328	1-328
H Seat								
Washer	1-021	1-021	1-021	1-021	1-021	1-021	1-021	1-021
I Retainer	1-022	1-022	1-022	1-022	1-022	1-022	1-022	1-022
J Washer	1-031	1-031	1-031	1-031	1-031	1-031	1-031	1-031
K Nut	333-097	333-097	333-097	333-097	333-097	333-097	333-097	333-097

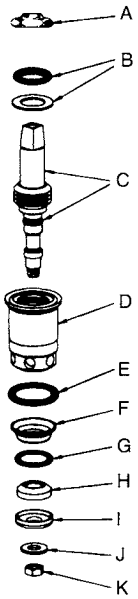
*These are parts recommended for replacement when renewing operating cartridges. Other parts may require replacement, depending on wear and condition when examined.

**Cartidges can be identified as left or right hand by number of rings on sleeve. Quaturn--LH-2 rings, RH-1 ring. Slow Compression--LH-4 rings, RH-3 rings.

1. Note that left hand cartridges re used on both hot and cold water sides when handle Nos. 633,643,500,950,2000 or 204 are used. Right and left cartridges are used when lever handles Nos. 369,370,1000,317,320 and 319 are used.
2. Slow compression operating cartridges are used where finer adjustment of water temperature and volume is required.

Parts List

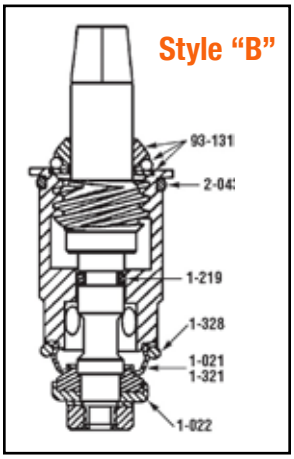
NO	DESCRIPTION	STOCK NO	EACH
1-214	*Cap*	*CF1214JKCP*	*22.81*
274-004	*Cap*	*CF274004JKRBF*	*33.29*
1-43	*Gasket*	*CF1043JKABNF*	*1.33*
93-131K	*Packing Assy.*	*CF1119JKABNF*	*3.50*
1-27	*Seat*	*CF1027JKABNF*	*2.76*
1-328JK	*O-Ring*	*CF1328JKABNF*	*2.78*
1-021	*Washer*	*CF1021JKABNF*	*1.30*
1-31	*Washer*	*CF1031JKABNF*	*1.30*
333-97	*Nut*	*CF333097JKABNF*	*3.11*





Chicago Faucet Repair Kits are designed to provide a selection of replacement parts necessary to renew or maintain Chicago Faucet products.

Jiffy Repair Kit #277	One-Minute Repair Kit #273	Junior Repair Kit #276	DESCRIPTION	PART NO
—	4	1	Complete LH (hot) Units	1-100
—	4	1	Complete RH (cold) Units	1-99
—	1	—	Complete RH Long Stem Unit	377-X-RH
—	1	—	Complete LH Long Stem Unit	377-X-LH
—	3	1	LH Stem (Hot)	1-110K
—	3	1	RH Stem (Cold)	1-111K
—	1	—	LH Long Stem	274-10K
—	1	—	RH Long Stem	274-11K
—	2	—	LH (Hot) Sleeves	2-28
—	2	—	RH (Cold) Sleeves	2-29
2	50	25	Monel Seats	1-27
2	100	50	Seat Washers	1-21
2	25	3	Washer Retainers	1-22
—	12	—	Arm Washers	1-11
2	24	9	Conical Packings	1-119
—	4	2	Chrome Plated Caps	1-214
—	6	—	Chrome Plated Handle Screws	420-10
—	12	6	Stem Nuts	333-97
—	12	6	Stem Nut Washers	1-31
2	24	6	Cap Thread Gaskets	1-43
1	6	—	Spout Packings	1-6



Repair Kit for Quaturn and Slow Compression

#1277	DESCRIPTION	PART NO
1	*Packing Set*	*93-131K*
1	*O-Ring*	*2-043*
1	*O-Ring*	*1-219*
1	*O-Ring*	*1-328*
1	*(Soft) Washer*	*1-021*
1	*(Hard) Washer*	*1-321A*
1	*Seat Retainer*	*1-022*

Repair Kits

KIT NO	STOCK NO	EACH
273	*CF1273ABNF*	*698.72*
1276	*CF1276ABNF*	*202.18*
1277	*CF1277DAB*	*25.58*



(49)

No 1000

2⅞" diameter single wing metal handle

STOCK NO	EACH
CF1000PRJKCP	52.44



No 633

3" diameter 4-arm polished chrome cross handle

DESCRIPTION	STOCK NO	EACH
Red, blue & white index	CF633JKCP	31.47



No 317

4" wrist blade handle-forged brass

DESCRIPTION	STOCK NO	EACH
Red, blue & white index	CF317JKCP	64.74



No 369

2⅜" Horizontal metal lever handle

DESCRIPTION	STOCK NO	EACH
Red, blue & white index	CF369JKCP	24.88

No 420-10

Screw for 369 Handles

STOCK NO	EACH
CF420010JKRCF	2.46



9602-PLR
Temptrol® II
Tub and Shower System

Temptrol II Pressure-Balancing mixing valve with lever handle, built-in choke and adjustable stop screw to limit handle turn. Diverter spout and Clear-Flo shower head with arm and flange.

Description	STOCK NO	EACH
Tub/shower Trim LESS VALVE	*SY9602PLR15TRM*	*45.66*
Choose between the two following valves		
Valve only (4port) less stops	*SY262BODY*	*82.85*
Valve only (4port) with stops	*SY262XBODY*	*97.60*



9601-PLR
Temptrol® II
Shower System

Temptrol II Pressure-Balancing mixing valve with lever handle and adjustable stop screw to limit handle turn. Clear-Flo shower head with arm and flange.

Description	STOCK NO	EACH
Shower Trim LESS VALVE	*SY9601PLR15TRM*	*40.96*
Choose between the two following valves		
Valve only (4port) less stops	*SY262BODY*	*82.85*
Valve only (4port) with stops	*SY262XBODY*	*97.60*

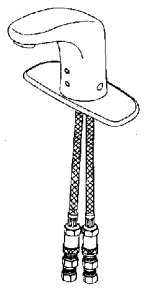


9600-PLR-300-B30-V
Temptrol® II
Shower System

Temptrol II Pressure-Balancing mixing valve with lever handle, adjustable stop screw to limit handle turn. Wall/hand shower with in-line vacuum breaker, flexible 5' metal hose, wall connection and flange, 30" slide bar for hand shower mounting.

Description	STOCK NO	EACH
Hand Held Shower LESS VALVE	*SYT300B30V*	*287.33*
Valve Trim Only	*SY9600PLRTRM*	*28.45*
Choose between the two following valves		
Valve only (4port) less stops	*SY262BODY*	*82.85*
Valve only (4port) with stops	*SY262XBODY*	*97.60*

Symmons®



S-6080 Series Ultra-Sense™
Lavatory Faucet

Symmons Sensor Lavatory Faucet has long life lithium battery, 1.5GPM vandal-resistant aerator, ADA compliant, visual low battery indication, 3H, 3CC, less drain.

DESCRIPTION	STOCK NO	EACH
Lavatory faucet no drain	*SYS6080*	*624.58*



S-20 Series
SYMMETRIX™
Lavatory Faucet

Symmons Single Lever Lavatory Faucet with ceramic control components and handle limit stop. Aerator, 3/8" supplies, 4" centers, polished chrome finish.

DESCRIPTION	STOCK NO	EACH
Lavatory faucet no drain	*SYS20*	*100.82*

Mixing Valves (18)

Watts Valves
watts.com



Watts Undercounter Thermostatic Mixing Valve
Minimum supply pressure: 30psi
Hot inlet temperature: 120°F-180°F
Cold inlet temperature: 39°F-80°F
Minimum inlet temperature differential: 5°F
Temperature range: 80°F-120°F
Maximum pressure: 150psi
Flow rate: 0.25 to 2.25 GPM
ASSE 1070 listed and CSA certified

CONNECTORS	STOCK NO	EACH
3/8" Compression	LFUSGBM3	123.08

Powers Repair Parts (21)
powerscontrols.com

MODEL	STOCK NO	EACH
Control Knob		
420-481	PO420481	168.10
Motor Upgrade Kit for Standard Models		
420-451	PO420451	871.26
Gasket Kit Series 410		
410-182	PO410182	77.22
Cartridge Kit Series 410		
410-183	PO410183	311.62
Stem & Plate Replacement Kit		
410-378	PO410378	129.74
Motor Kit - 65°-115°F		
427-200	PO427200	912.22
431 Checkstop Replacement Kit		
230-135	PO230135	184.08

Apollo Valves
apollovalves.com



34BLF Series Dual Purpose Mixing Valve
Model "MVB" thermostatic mixing valves are designed to control and limit the volumes of cold and hot water required to deliver mixed water at a predetermined temperature either from the "point of source" or "point of use" application for single or multiple fixtures.
80°-120° F • 1.5 GPM • 150 psig • 200° F Max.
ASSE 1017/1070 Approved. NSF/ANSI 372

CONNECTIONS	STOCK NO	EACH
1/2" Sweat	1234BLF313S	254.70
3/4" Sweat	3434BLF314S	254.70

Lawler Valves
temperedwater.com



Series 911 E Emergency Eyewash/Shower Valve
Range: 2-25 GPM @ 30 P.S.I.

STOCK NO	EACH
L842910	971.25



Series 911 E/F Emergency Eyewash Valve
Range: 2-7 GPM @ 30 P.S.I.
Includes by-pass.

STOCK NO	EACH
L8490801	665.00



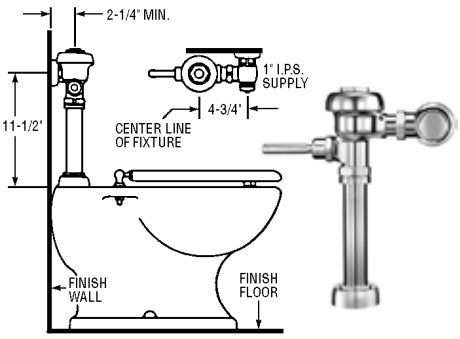
801/803 Series High-Low Thermostatic Mixing Valve
Ranges 90° - 120°F.—Rough Brass Finish

INLET	OUTLET	STOCK NO	EACH
3/4"	1"	L8620805	2327.50
1 1/4"	1 1/2"	L8640805	3202.50



Model 570 Undercounter Thermostatic Mixing Valve
Ranges: 95° - 115°F
1/2" MNPT
.5 - 12 GPM

CONNECTORS	STOCK NO	EACH
1/2"	L8682100	140.00



Royal 110
For Water Closets

Floor mount or wall hung 1½" top spud bowls. Quiet, exposed, diaphragm type, chrome plated with ADA compliant metal oscillating handle.

FLUSH CYCLE	STOCK NO	EACH
3.5 GPF	SL3010100	200.19



Royal 111
For Water Closets

Floor mount or wall hung top spud bowls. Quiet flush valve with metal oscillating handle, 1" screwdriver angle stop, adjustable tailpiece, vacuum breaker flush connection, spud coupling for 1½" top spud, wall and spud flanges.

FLUSH CYCLE	STOCK NO	EACH
1.6 GPF	SL3010000	200.19
1.28 GPF	SL3910168	200.19



Royal 115
For Water Closets

Floor mount or wall hung top spud bowls. Quiet flush valve with metal oscillating handle, 1" screwdriver angle stop, adjustable tailpiece, vacuum breaker flush connection, spud coupling for 1½" top spud, wall and spud flanges.
Center line of supply is 24" above fixture.

FLUSH CYCLE	STOCK NO	EACH
1.6 GPF	SL3010326	214.44
3.5 GPF	SL3010300	214.44

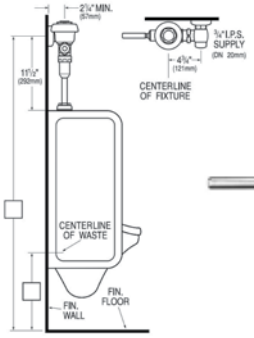


Royal BPW 1000
For Water Closets
With Bed Pan Washer

No. 1000-1.6 • 1.6gpf
- PERMEX™ Synthetic Rubber Diaphragm
- Dual Filtered Bypass
- ADA Compliant Handle
- Diverter Valve Wall Support

Floormount or Wall Hung.

STOCK NO	EACH
SL3019726	629.38





Royal 186
For Wall Hung Urinals

Quiet blowout or siphon jet flush valve with metal oscillating handle, ¾" screwdriver angle stop, adjustable tailpiece, vacuum breaker flush connection, spud coupling for ¾" top spud, wall and spud flanges.

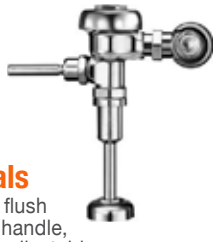
FLUSH CYCLE	STOCK NO	EACH
1.5 GPF	SL3012600	200.19
1.0 GPF.	SL3012636	200.19



Royal 180
For Wall Hung Urinals

Quiet washout flush valve with metal oxcillating handle, 1" screwdriver angle stop, adjustable tailpiece, vacuum breaker flush connection, spud coupling for 1¼" top spud, wall and spud flanges.

FLUSH CYCLE	STOCK NO	EACH
3.5 GPF	SL3012400	200.19
1.0 GPF.	SL3012436	200.19
1.5 GPF	SL3012426	200.19



Regal 186
For Wall Hung Urinals

Quiet blowout or siphon jet flush valve with metal oscillating handle, ¾" screwdriver angle stop, adjustable tailpiece, vacuum breaker flush connection, spud coupling for ¾" top spud, wall and spud flanges.

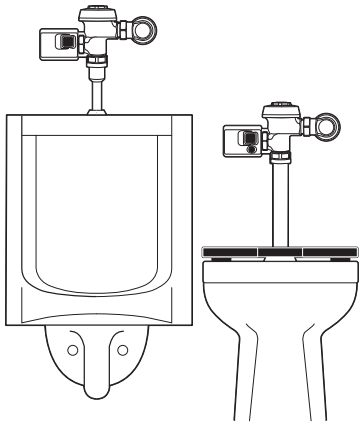
FLUSH CYCLE	STOCK NO	EACH
0.5 GPF	SL3982628	124.70
1.0 GPF.	SL3082675	124.70



Regal 111
For Water Closets

Floor mount or wall hung top spud bowls. Quiet flush valve with metal oscillating handle, 1" screwdriver angle stop, adjustable tailpiece, vacuum breaker flush connection, spud coupling for 1½" top spud, wall and spud flanges.

FLUSH CYCLE	STOCK NO	EACH
1.6 GPF.	SL3080053	124.70



Not for use with TOTO Flush Valves



Optima
EBV-200-A Smooth™

Side-Mount-Operator-Over-The-Handle
Utilizes four "C" batteries. Left or right hand installation. Low battery indicator.

STOCK NO	EACH
SL3325201	339.66

Not for use with TOTO Flush Valves



EBV-500-A

Single-Flush-Side-Mount
Four (4) Size"C" batteriesincluded.
Low battery LED.

STOCK NO	EACH
SL3325500	192.85



Royal Optima G-2 Plus

Royal Optima G-2 Plus
with override button.

STOCK NO	EACH
1.6 gallon flush cycle	
SL3250400	*655.14*
1.28 gallon flush cycle	
SL3250289	*655.14*



Solis Solar Powered

with Smart Sense Technology.

STOCK NO	EACH
1.6 gallon flush cycle	
SL3370001	*683.27*
1.28 gallon flush cycle	
SL3370002	*683.27*

Complete Urinal Flushometer

Quiet, battery operated, diaphram type, sensor operated for exposed urinal installations. Chrome-plated protective handle, ¾" IPS screwdriver BAK-CHEK angle stop inlet, adjustable tailpiece, vacuum breaker flush connection and spud coupling for ¾" top spud, wall spud flanges, set screw type cast wall flange and sweat solder adapter kit, 11½" inlet height above fixture. Includes 4 AA batteries. ¾" top spud.

Royal Optima G-2 Plus 1.0 gallon flush cycle

STOCK NO	EACH
SL3250401	*655.14*

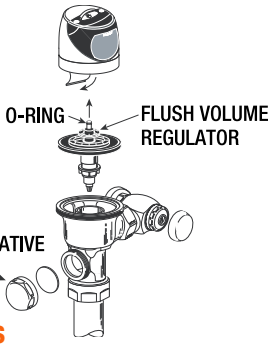


Solis Solar Powered

0.5 gallon flush cycle urinal flushometer
with Smart Sense Technology.

STOCK NO	EACH
SL3370004	*683.27*





Battery Powered G2 Optima Plus

For installation on existing Royal Exposed Flushometers. Unit operates on four AA batteries and is equipped with a new sensor that is NEMA 6 compliant against moisture, a Flashing LED low battery indicator light, 24-hr sentinal flush.

Water-Saver 1.5 gal flush cycle max.

STOCK NO	EACH
URINAL	
SL3325402	*503.65*
CLOSET	
SL3325400	*503.65*



Solis Solar Powered Retrofit

For Exposed Urinals
Retrofit Conversion Kit for Exposed urinals Flushometers. Unit operates on a solar cell that will harvest power from artificial indoor light.

STOCK NO	EACH
1.0-1.5 gal flush cycle max.	
SL3375306	*525.21*
0.5 gal flush cycle max.	
SL3375304	*525.21*



Solis Solar Powered Retrofit

For Exposed Closets
Retrofit Conversion Kit for Exposed Closet Flushometers. Unit operates on a solar cell that will harvest power from artificial indoor light.

Water-Saver 1.6 gal flush cycle max.

STOCK NO	EACH
SL3375301	*525.21*



Automatic Flush Valve

Quiet flush valve, chrome plated equipped with solenoid operator and Optima sensor, (4) tamper-proof screws and wall cover plate for (2) gang electrical box, non-hold-open feature ¾" IPS screwdriver angle stop with protective cap, adjustable tailpiece, vacuum breaker flush connection and spud coupling for ¾" topspud, wall and spud flanges.

LESS TRANSFORMER.

STOCK NO	EACH
1.5 gallon flush cycle	
SL3452647	*692.40*
1.0 gallon flush cycle	
SL3452673	*692.40*

EL154 Transformer

48VA, 120V, AC.
Sensor operates on 24V, AC only.
One transformer serves up to (10) Optima urinal/closet sensor units.

STOCK NO	EACH
SL0345154PK	*49.49*

Adaptive Sensor for a Urinal Flushometer

STOCK NO	EACH
SL3305620	*281.10*



No. 111-ES-S Automatic Closet Valve

Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer for either left or right hand supply with the following features:

- PERMEX™ Synthetic Rubber Diaphragm
- OPTIMA® EL-1500-L Self-Adaptive Infrared Sensor with Indicator Light
- Two (2) Chrome Plated Wall Cover Plates with Vandal Resistant Screws
- High Back Pressure Vacuum Breaker and Flange for 1-½" Top Spud

LESS TRANSFORMER.

STOCK NO	EACH
1.6 gallon flush cycle	
SL3450047	*710.72*
1.28 gallon flush cycle	
SL3450049	*710.72*

Adaptive Sensor for a Closet Flushometer

STOCK NO	EACH
SL3305621	*281.10*

Sloan Products

sloanvalve.com

Accessories (21b)



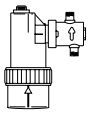
ETF-233 Plug-in Transformer

STOCK NO	EACH
SL0365534	34.40



EBF-60A Module Assembly
For use with EBF 650/670 Faucets.

STOCK NO	EACH
SL0315104	567.34

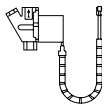


EBF-11A Module Assembly
For use with EBR 85 Faucets.

STOCK NO	EACH
SL3315111	453.88

EBF-1011A Battery Solenoid Assembly

STOCK NO	EACH
SL3315254	329.23



ETF-370A 24v Solenoid

STOCK NO	EACH
SL0305849	192.21



ETF-450A 24v Faucet Junction Box

STOCK NO	EACH
SL3365000	318.88



EBF615-4 Lav Faucet Solenoid Assembly
ASM 6 VDC 3/8 COMP

STOCK NO	EACH
SL0365758	351.79



EL-124-2 CP 24v Solenoid For ES-S

STOCK NO	EACH
SL0305329	369.45

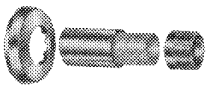


ETF-470 3/8" Check Valve Kit for Sloan Sensor Faucets

STOCK NO	EACH
SL3365001	76.05

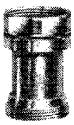
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Sweat Solder Kits



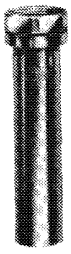
SIZE	STOCK NO	EACH
1"	SL3308780	13.64
3/4"	SL3308786	13.64

V-500-A



SIZE	STOCK NO	EACH
1 1/2"	SL5323010	46.91

V-500-AA



SIZE	STOCK NO	EACH
With 9" Tailpiece		
3/4"	SL5323005	46.91
1 1/4"	SL5323006	46.91
1 1/2"	SL5323007	46.91
With 15" Tailpiece		
3/4"	SL0323210	81.79
With 21 1/2" Tailpiece		
1 1/2"	SL0323015	84.32

Screw Driver Stop Repairs

NO	DECRIPTION	STOCK NO	EACH
H-551-A	3 1/16" Adjustable Tailpiece	SL0308803	36.79
H-551-A	4 1/16" Adjustable Tailpiece	SL0308805	44.49
H-553	"O" Ring	SL5308696	2.03
H-573	1" C.P. Cap	SL3308840	25.37

Lavatory Faucets (18)



Optima Plus Sensor Operated Lavatory Faucet

Chrome Plated Brass
Sensor Operated 4" Center-set Electronic Hand Washing Faucet for tempered or hot/cold water operation. 0.5 gpm/1.9 Flow Rate. ADA Compliant, Sensor Activated, Uses (4) "AA" alkaline batteries, Chrome Plated 4" Trim Plate.
Battery Operated

STOCK NO	EACH
SL3315114BT	458.20



Solar Sensor Operated Lavatory Faucet

Chrome Plated Brass
Solar powered, infrared, sensor activated, electronic hand washing faucet for pre-tempered or hot and cold operation. 0.5 GPM Multi-Lam spray. Uses (4) "AA" alkaline batteries. 3/8" high pressure flexible supply hoses.
Includes Integral Side Mixer • Battery Operated

STOCK NO	EACH
SL3324002	1035.33

EFX-20-A

4" Trim Plate
For use with EFX-275-500 Lav Faucet

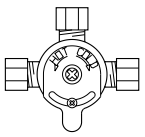
STOCK NO	EACH
SL3324100	74.80



Optima® Sensor Faucet Lavatory Faucet

Polished Chrome Finish
4" Trim Plate, Below Deck Thermostatic Mixing Valve, 0.5 gpm, Multi-Laminar Spray, Infrared Sensor, Smart Faucet, Optima® Battery-Powered Deck-Mounted Low Body Faucet.
Battery Operated - 3 year Life

STOCK NO	EACH
SL3315181BT	522.00



Optimix MIX-60-A

Mecahnical mixing valve for single faucet.

STOCK NO	EACH
SL3326009	46.87



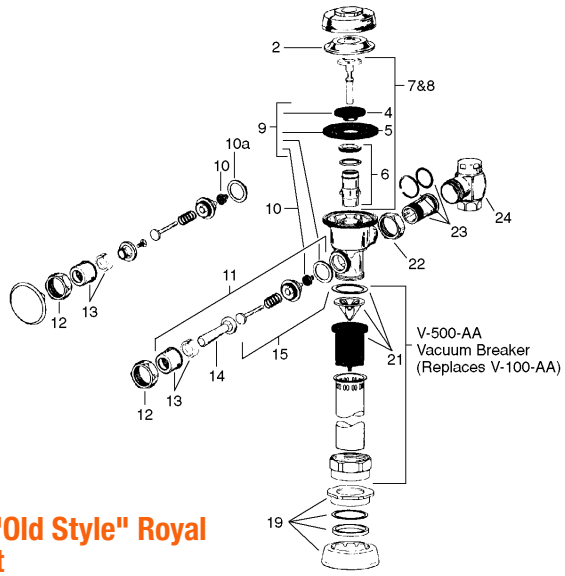
Bradley "Navigator" Lead-Free Tempering Valve

3/8" Point-of-Use with compression fittings

STOCK NO	EACH
S594000A	81.61

Mounting Bracket

BRS452456	29.76



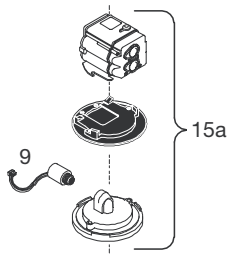
Regal & "Old Style" Royal Parts List

REF NO	DESCRIPTION	STOCK NO	EACH
1	A-72 CP Cover	SL0301172	48.21
	A-72 RB Cover	SL0301173	*POA
2	A-71 Inside Cover	SL0301168	14.74
3	A-19-AC Relief Valve (Closet)	SL5301058	11.70
	A-19-AU Relief Valve (Urinal)	SL5301059	11.70
4	A-15-A Disc	SL5301111	10.18
	A-15-A Disc (Hot Water)	SL5301112	*POA
5	A-56-A Diaphragm w/A-29	SL5301170	12.38
	A-156-A Diaphragm w/A-29	SL5301188	11.70
	A-156-AA Diaphragm (Hot Water)	SL5301190	*POA
6	A-163-A Guide	SL5301236	9.39
7	Inside Parts Kit for Closets, Service Sinks, Blowout and Siphon Jet Urinals	SL3301036	33.30
8	Inside Parts Kit for Washdown Urinals	SL3301037	33.30
9	A-56-AA Washer Repair set	SL5301176	26.55
	A-156-AA Closet/Urinal Washer Set	SL5301189	24.08
10	B-39 Seal	SL5302297	2.19
10a	Handle Gasket	SL5301139	1.46
11	B-32-A CP Handle Assem.	SL5302279	27.73
12	A-6 CP Handle Coupling	SL0301082	11.98
13	B-7-A CP Socket	SL0302109	*POA
14	B-32 CP Grip	SL5302274	16.03
15	B-50-A Handle Repair Kit	SL5302305	5.40
16	C-42-A 3" CP Push Button Assem.	SL0303351	*POA
17	3" CP Push Button Replacement Kit	SL3303347	*POA
18	C-64-A 3" Push Button Repair Kit	SL3303396	*POA
19	F-5-A ¾" CP Spud Coupling Assem.	SL0306125	28.97
	F-5-A 1" CP Spud Coupling Assem.	SL0306132	*POA
	F-5-A 1¼" CP Spud Coupling Assem.	SL0306140	*POA
	F-5-A 1½" CP Spud Coupling Assem.	SL0306146	28.97
21	V-500-A & V-500-AA Vacuum Breaker Repair Kit	SL3323192	4.95
22	H-550 CP Stop Coupling	SL0308676	*POA
23	H-551-A CP Adj. Tail 2 1/16" Long.	SL0308801	29.31
	H-551-A3 1/16" Adjustable Tailpiece	SL0308803	36.79
	H-551-A4 1/16" Adjustable Tailpiece	SL0308805	44.49
	H-710-A ¾" SD Bak-Chek CP Ctrl. Stop	SL0388025	96.98
	H-600-A 1" WH Bak-Chek CP Ctrl. Stop	SL0308881	*POA
	H-600-A ¾" WH Bak-Chek CP Ctrl. Stop	SL0308889	*POA

***Price on Application**

Regal & "Old Style" Royal

DECRIPTION	STOCK NO	EACH
Royal Water Saver Kit	SL3301038	33.30
Royal Low Consumption	SL3301041	33.30
Handle Repair Kit	SL3303398	14.29
Repair Kit for 1" Screwdriver Stop	SL3308853	21.54
Repair Kit for ¾" Screwdriver Stop	SL3308856	21.54
H-634-AA 1" CP Sweat Solder Kit	SL3308785	21.32



G2 Optima Plus Parts List

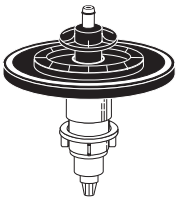
REF NO	DESCRIPTION		STOCK NO	EACH
Items Included with RESS Retrofit & Complete Optima PLUS Vales				
15a	EBV-146-AC	Sensor Module - Water Closet	SL0325176	485.72
	EBV-146-AU	Sensor Module - Urinal	SL0325177	485.72
	EBV-129-AC	Sensor Module - Water Closet	SL3325450	324.79
9	EBV-136-A	Solenoid - Water Closet	SL3325453	56.48

Electronic Module

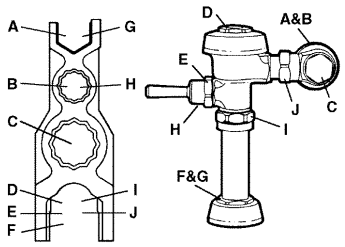
For 0.5 & 1.0 GPF single flush urinals

STOCK NO	EACH
SL3325451	324.79





Flush Volume and Fixture	Item No. 10 Flex Tube Diaphragm Kit No.	Item No. 11 Flush Volume Regulator Part No.	Regulator Color
1.28 gpf/4.8 Lpf Closet	EBV-1024-A		Green
0.5 gpf/1.9 Lpf Urinal	EBV-1023-A	EBV-95	Green
1.0 gpf/3.8 Lpf Urinal	EBV-1022-A	EBV-95	Green
1.5 gpf/5.7 Lpf Urinal	EBV-1022-A	EBV-102-2	Black
3.5 gpf/13.2 Lpf Urinal	EBV-1020-A	EBV-102-1	White
1.6 gpf/6.0 Lpf Closet	EBV-1020-A	EBV-95	Green
3.5 gpf/13.2 Lpf Closet	EBV-1020-A	EBV-102-1	White
2.4 gpf/9.0 Lpf Closet	EBV-1021-A	EBV-101	Blue



Sloan "SuperWrench" Reference for application

A - Bonnet . . . . . (H-579 1")
B - Bonnet . . . . . (H577 ¾")
C - Stop Cap . . . . . (H-573 1" & H-582¾")
D - Cover Nut . . . . . (A-72)
E - Handle Coupling . . . . . (A-6)
F - Spud Nut . . . . . (F-20 1½")
G - Spud Nut . . . . . (F-20 ¾")
H - Handle Bushing . . . . . (B-40)
I - Vacuum Breaker Coupling . . (V-533-A)
J - Tailpiece Coupling . . . . . (H-550)

Sloan Wrench

DESCRIPTION	STOCK NO	EACH
A-50 Sloan Wrench	SL0301255	91.52

Valve Repair Parts

Royal Repairs

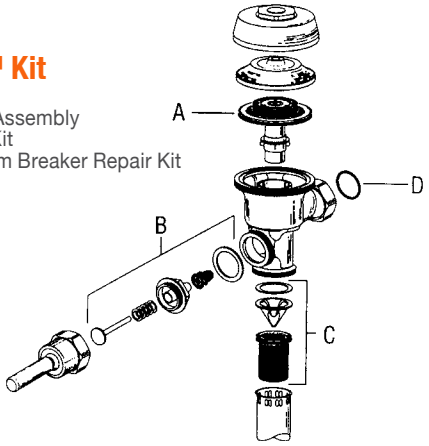
With New Dual Filtered Diaphragm™

NO	DESCRIPTION	STOCK NO	EACH
V-600-AA	¾"x9" CP Vac. Brkr	SL3393004	46.91
V-600-AA	1¼"x9" CP Vac. Brkr.	SL3393006	46.91
V-600-AA	1½"x9" CP Vac. Brkr	SL3393007	46.91
H-700-A	¾" Screw Driver Stop (Vandal Resistant)	SL3308384	123.02
H-700-A	1" Screw Driver Stop (Vandal Resistant)	SL3308386	123.02
H-1010-A	Vandal resistant control stop cap assembly*	SL3308791	21.09
H-1009-A	Vandal resistant control stop cap assembly**	SL3308790	21.09

*** for use with H-700-A 1" & ¾" and H-600-A 1" Screwdriver Bak-Chek® control stops.**
**** for use with H-600-A ¾"Screwdriver Bak-Chek® Control stops.**

Royal Performance™ Kit

Contents:
A. Dual Filtered Diaphagm™ Assembly
B. Triple Seal Handle Repair Kit
C. High Back Pressure Vacuum Breaker Repair Kit
D. Tailpiece "O" Ring



Repair kits and parts listed on this page are designed to service all Sloan diaphagm type flushometers, including those manufactured for low consumption usage.

Royal Dual Filtered Diaphragm Assembly ONLY

Sold only in Royal Performance™ Kits
Kit includes:
Dual Filtered Diaphagm Assembly (item 3 at right)
Handle Repair kit w/Triple Seal Packing (item 8 at right)
High Back Pressure Vacuum Breaker Repair Kit (item 11 at right)
Tailpiece "O" Ring (Item 15 at right)

NO	DESCRIPTION	STOCK NO	EACH
A-1045-A	for 1.28 GPF water closets	SL3301506	79.54
A-1101-A	for low consumption water closets	SL3301070	93.54
A-1102-A	for water saver water closets.	SL3301071	93.54
A-1106-A	for Low consumption urinals	SL3301073	93.54
A-1107-A	for Low consumption urinals	SL3301074	93.54
A-1108-A	for water saver urinals	SL3301075	93.54

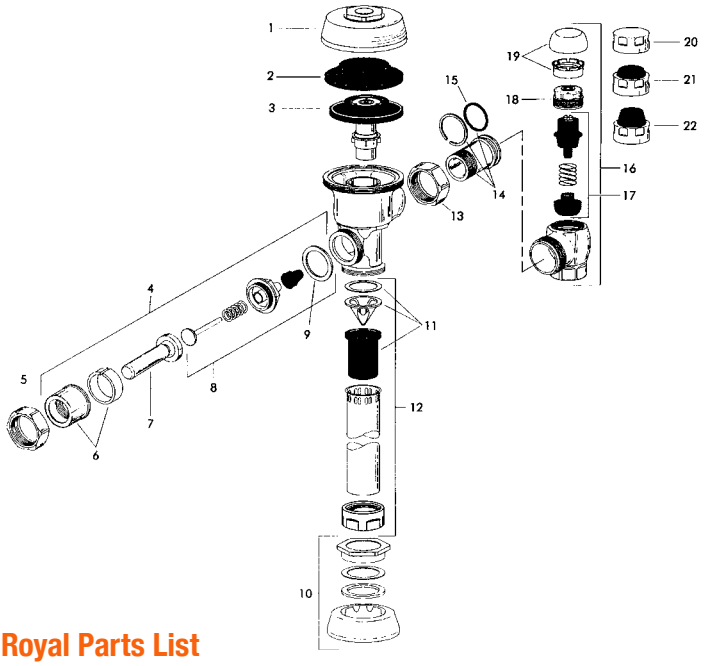
Repair Kits

NO	DESCRIPTION	STOCK NO	EACH
B-51-A	Triple seal handle repair kit	SL3302306	13.95
V-651-A	High back pressure vacuum breaker kit	SL3323182	6.92
H-553	"O" Ring	SL5308696	2.03

Stock No	Kit No	Flush Volume	For Use With
3301070	A-1101-A	1.6 gpf/6.0 Lpf	Low consumption water closets
3301071	A-1102-A	3.5 gpf/13.2 Lpf	Water saver water closets
3301073	A-1106-A	0.5 gpf/1.9 Lpf	Wash down urinals
3301074	A-1107-A	1.0 gpf/3.8 Lpf	Low consumption urinals
3301075	A-1108-A	1.5 gpf/5.7 Lpf	Water saver urinals

- Use 3.5 gpf/13.2 Lpf kit for old style blowout urinals.
- Some wash down urinals may require a 1.0 gpf/3.8 Lpf flush.

Royal Performance Kits can be used to upgrade Royal style Diaphagm Flushometer valves manufactured after 1964. Also, use this to upgrade Sloan Regal Flushometers to Royal Performance.



Royal Parts List

1.	0301172	A-72	CP Cover
2.	0301168	A-71	Inside cover
3.	Dual filtered diaphagm Assembly (see chart at left)		
4.	0302390	B-73-A	Triple Seal CP Handicap Handle Assembly(ADA Compliant)
5.	0301082	A-6	CP Handle Coupling
6.	0302109	B-7-A	CP Socket Assembly
7.	0302389	B-74-A	CP Handicap Handle Grip (ADA compliant) (shown)
8.	3302306	B-51-A	Triple Seal Handle Repair Kit
9.	5301139	A-31	Handle Gasket - 48 per package
10.	0306125	F-5-A	3/4" CP Spud Coupling Assembly
	0306140	F-5-A	11/4" CP Spud Coupling Assembly
	0306146	F-5-A	11/2" CP Spud Coupling Assembly
11.	3323182	V-651-A	High Back Pressure Vacuum Breaker Repair Kit
12.	3393004	V-600-AA	¾" x 9" CP Vacuum Breaker
	3393006	V-600-AA	1¼" x 9" CP Vacuum Breaker
	3393007	V-600-AA	1½" x 9" CP Vacuum Breaker
13.	0308676	H-550	CP Stop Coupling
14.	0308801	H-551-A	CP Adjustable tailpiece 2 1/16" long
15.	5308696	H-553	"O" Ring - 24 per package
16.	3308386	H-700-A	1" Screwdriver Bak-Chek® Stop CP - complete
	3308384	H-700-A	¾" Screwdriver Bak-Chek® Stop CP - complete
17.	3308853	H-541-A	Control Stop Repair Kit*
	3308856	H-543-A	Control Stop Repair Kit**
18.	0308612	H-622	CP Bonnet*
	0308843	H-577	CP bonnet**
19.	3308791	H-1010-A	Vandal resistant Control Stop Cap Assembly*
	3308790	H-1009-A	Vandal resistant Control Stop Cap Assembly**
20.	0308840	H-573	Control Stop Cap CP*
	0308848	H-582	Control Stop Cap CP**
21.	3308866	H-574	Control Stop Cap w/Bumper*
22.	3308867	H-576	Control Stop Cap w/Extended Bumper*

* for use with H-700-A 1" & ¾" and H-600-A 1" screwdriver Bak-Chek® Control Stops.
** for use with H600-A ¾" Screwdriver Bak-Chek® Control Stops.

Information on this page subject to change without notice.

Abreviations:
CP=chrome plate
gpf=gallons per flush
Lpf=Liters per flush
LC=low consumption
w/=with

EcoPower Sensor Faucets

Standard & Gooseneck EcoPower Faucets

- Self-generating hydropowered EcoPower system
- No minimum daily usage requirement
- Micro-sensor positioned underneath the spout head for accurate hand detection ensuring smooth and consistent water distribution
- Vandal resistant aerator housing
- Durable chrome plated spout body
- Single-hole mount
- Equipped with 1.0gpm flow control



Standard Spout

Escutcheon Plate Sold Separately

All parts complete faucet

DESCRIPTION	STOCK NO	EACH
T28S11E#CP - 1.0 GPM		
Spout Chrome	*TLE28003U1CP*	*159.65*
0.18 gpc, 10 second on-demand Controller	*TLE03503U1*	*232.92*
T28S51E#CP - 0.5 GPM		
Spout Chrome	*TLE28002U1#CP*	*159.65*
0.08 gpc, 10 second on-demand Controller	*TLE03502U1#CP*	*258.80*

Standard with Mixing Valve

T28S11ET#CP

All parts complete faucet

DESCRIPTION	STOCK NO	EACH
Spout Chrome	*TLE28003U1CP*	*159.65*
0.18 gpc, 10 second on-demand Controller	*TLE03503U1*	*232.92*
Thermostatic Mixing Valve.	*TLE05701U*	*131.22*
Swivel Coupling for install	*THP3237*	*21.06*



Gooseneck Spout

Escutcheon Plate Sold Separately

All parts complete faucet

DESCRIPTION	STOCK NO	EACH
T24S51E#CP - 0.5 GPM		
Spout Chrome	*TLE24006U1CP*	*272.16*
0.08 gpc, 10 second on-demand Controller	*TLE03502U1*	*232.92*

Standard with Mixing Valve

T24S51ET#CP

All parts complete faucet

DESCRIPTION	STOCK NO	EACH
Spout Chrome	*TLE24006U1CP*	*272.16*
0.08 gpc, 10 second on-demand Controller	*TLE03502U1*	*232.92*
Thermostatic Mixing Valve.	*TLE05701U*	*131.22*

(21)

Optional Escutcheon Plates

SIZE	STOCK NO	EACH
4"	*THP3158*	*32.97*
8"	*THP3159CP*	*71.69*

EcoPower Sensor Flush Valves



Urinal & Toilet Sensor Flush Valves

Designed for new & retrofit installations. Hydro-powered turbine charges the power supply during usage eliminating the need for battery replacement or consumption of external electrical power for up to 10 years. Automatic infrared sensor activated, piston urinal flush valve. Automatic sensor adjustment on installation. Heavy-duty zinc die cast cover with nickel chrome finish. Vandal resistant hex head screws. Manual override button. Piston valve and solenoid with self-cleaning mechanism.

- Spud & Nut Escutcheon
- Sweat Solder Kit

FINISH	ANGLE STOP	VACUUM BREAKER	STOCK NO	EACH
Urinal - Low consumption 1.0 GPF				
Chrome	*3/4"*	*3/4"*	*TEU1GA12*	*448.50*
Urinal - Low consumption .5 GPF				
Chrome	*3/4"*	*3/4"*	*TEU1LA12*	*448.50*
Urinal - Low consumption 0.125 GPF				
Chrome	*3/4"*	*3/4"*	*TEU1UA12*	*448.50*
Toilet - Low consumption 1.6 GPF				
Chrome	*1"*	*1 1/2"*	*TET1GB32*	*448.50*
Toilet - Low consumption 1.28 GPF				
Chrome	*1"*	*1 1/2"*	*TET1LB32*	*448.50*

Manual Exposed Flushometer Valves



Manual Toilet Flushometer Valve

Manual toilet brass flushometer valve, non-hold-open piston with, self-cleaning debris screen and precise flushing capability.

- 1" Angle Stop
- 1 1/2" Vacuum Breaker
- Spud & Nut Escutcheon
- Sweat Solder Kit

Low consumption 1.28 GPF

FINISH	STOCK NO	EACH
Chrome	*TMT1LN32*	*215.42*

Manual Urinal Flushometer Valve

Manual urinal brass flushometer valve, non-hold-open piston with, self-cleaning debris screen and precise flushing capability.

- 3/4" Angle Stop
- 3/4" Vacuum Breaker
- Spud & Nut Escutcheon
- Sweat Solder Kit

Low consumption .5 GPF

FINISH	STOCK NO	EACH
Chrome	*TMU1LN12*	*218.15*

Flush Valve Accessories

(21)

Lithium Battery

FOR USE WITH	STOCK NO	EACH
ALL Ecopower	*THP3053*	*32.40*

Selectronic Lav Faucets



NextGen Selectronic Lav Faucet

Simple, integrated design with No control box below deck and all electronics contained in the faucet spout which installs from the top. Battery and solenoid valve easily accessible Fail-Safe faucet automatically shuts off upon loss of power or dead battery. No reset required. Water pressure range from 20 to 125 psi. Operates on DC (CR-P2 lithium battery)

- SmarTherm™ Safety Shut-Off integrates a thermostatic hot water temperature limiter (ASSE 1070)

FINISH	STOCK NO	EACH
Single Supply • 1.5 GPM		
Chrome	*AS7755115002*	*336.79*
Dual Supply • 1.5 GPM • Above-Deck Mixing		
Chrome	*AS7755215002*	*359.15*
Chrome SmarTherm™	*AS7755315002*	*444.01*
Dual Supply • 0.5 GPM • Above-Deck Mixing		
Chrome SmarTherm™	*AS7755305002*	*444.01*



4" Deck Plate for NextGen Lav Faucets

Metal construction. Center fixation screw prevents rotating. ¼" fixation bolts with quick spin nuts.

6 ½" x 2 ½"

FINISH	STOCK NO	EACH
Chrome	*AS775P400002*	*42.92*

Selectronic Urinal Flush Valve



Innsbrook Selectronic Urinal Flush Valve

- Exclusive, self cleaning piston-operated flush valve with proximity operation and mechanical manul overide.
- Factory-Installed CR-P2 Lithium Battery.
- Water pressure range from 20 to 125 psi.
- Exposed Flushometer for 3/4" Top Spud Urinals - 1.0 GPF.

11¹/₂" Rough-In • Battery Included

FINISH	STOCK NO	EACH
Chrome	*AS6063101002*	*382.83*



Selectronic FloWise Urinal Flush Valve

• Electronic flush valve with Selectronic™ proximity system for "Hands Free" operation.
• Self-Cleaning Piston operation helps prevent clogging and reduces maintenance.
• Fully Mechanical Manual Override Button can flush urinal during a power outage.
• Stadium Feature: Valve automatically switches to water conservation mode during periods of heavy usage. 3/4" Top Spud Urinals - .05 GPF.

11¹/₂" Rough-In • Battery Included

FINISH	STOCK NO	EACH
Chrome	*AS6063051002*	*382.83*

Selectronic Closet Flush Valve



Innsbrook Selectronic Closet Flush Valve

- Exclusive, self cleaning piston-operated flush valve with proximity operation and mechanical manul overide.
- Factory-Installed CR-P2 Lithium Battery.
- Water pressure range from 20 to 125 psi.
- Exposed Flushometer for 1-1/2" Top Spud Bowls - 1.6 GPF.

11¹/₂" Rough-In • Battery Included

FINISH	STOCK NO	EACH
Chrome	*AS6065161002*	*382.83*

Shower Repair Parts

Touch N Flow Shower Valve Repair Kit

Includes 1 of each:

S21-032	Screw Assembly
S88-039	Orifice assembly
S68-005	Guide
118-210	Body
S64-034	Poppet Assembly
135-028	Conical Spring
173-012	Filter
S64-088	Plunger Assembly
S45-125	Parker "O" lube

STOCK NO	EACH
BRS65071	183.55

Compression Valve

DESCRIPTION	STOCK NO	EACH
Valve Stem Assembly (Cold)	BRS02031A	118.02
Valve Stem Assembly (Hot)	BRS02031B	118.02

EquaFlow Repair Fittings

DESCRIPTION	STOCK NO	EACH
EquaFlow Cap Clamp	BR107280	19.24
Handle EquaFlow	BR128161	39.46

Shower Repair Fittings

DESCRIPTION	STOCK NO	EACH
BradTrol Valve Repair Kit	BR3000760	49.94

Washfountain Repair Parts

Multi-Fountain Terrazzo Repair Fittings

DESCRIPTION	STOCK NO	EACH
90-75 STD Repair Kit	BRS65074	201.34
Multi-Fountains Repair Kit	BRS65084	199.75
Universal Push Button	BR128090	40.19
Universal Air Valve Repair Kit	BRS65110	50.18

Diplomat Liquid Soap/Gel Sanitizer Dispenser

- Surface-Mounted
- Tank Type: Vertical
- Dispenser Capacity: 27 oz. liquid soap and gel hand sanitizers
- Viscosity Range: 1cps - 3,000cps (centipoise)

Battery-Operated: 3 "C" batteries (not included)

FINISH	STOCK NO	EACH
Stainless Steel	BR6A0011	108.81



Washfountain Repair Parts

Classic Repair Fittings

DESCRIPTION	STOCK NO	EACH
Manual Mixing Valve (1)	BRS01038	138.29
Foot Lever Pivot Pin (2)	BR152026	9.50
Angle Volume Control (3)	BRS02045	92.07
Foot Valve (4)	BRS07066	356.47
Foot Valve Diaphragm	BR125001Y	12.18
Foot Lever Spring (5)	BR135001W	8.77

Foot Valve Repair Kit

Includes 1 of each:

S21-027	Needle assembly
125-001BW	Gasket
S64-006	Plunger assembly
117-016	Valve seat
125-001Y	Diaphagm
124-001V	Fiber washer
110-095	Body • Needle valve
135-001P	Spring
130-033	Key • Valve seat

STOCK NO	EACH
BRS65001A	176.73

FOR FOOT VALVES MFG. AFTER JAN. 2003

BRS65230	169.42

Check Stop Repair Kit

Includes:

(2)	124-001BV	Fiber Washer
(2)	153-068	Plug • Brass
(1)	156-006	Screen
(1)	124-001AF	Tail piece washer
(1)	135-001AB	Spring
(1)	S21-015	Check Assembly

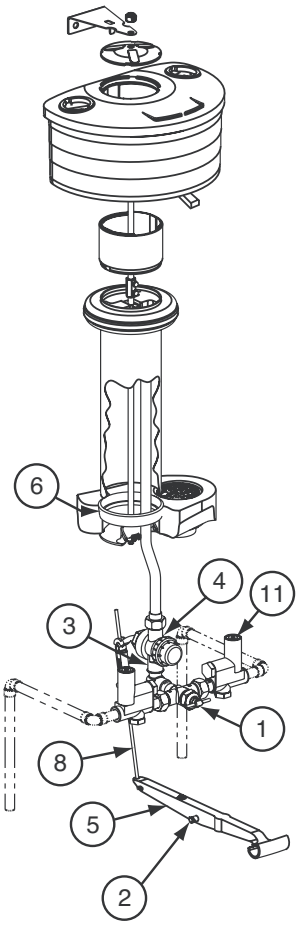
STOCK NO	EACH
BRS45050	54.08

Sprayhead Repair Kit

Includes:

(1)	125-001DE	Neoprene washer • Top
(4)	124-001AL	Washer
(4)	124-001AT	Washer
(4)	160-211	Carriage bolt
(4)	161-025	Nut

STOCK NO	EACH
BRS45051	32.76



Bradley CORPORATION

Bradley Halo Combination Drench Shower / Eye Wash Unit



- Halo™ Delivers the Most Effective Shower and Eye/Face Washdown Coverage and Spray Pattern
- Exceeds American National Standard Z358.1 Specifications
- Separate Supply and Waste Pipes Meets CEN and Plumbing Requirements
- Ergonomic Hand Activation Eyewash Paddle Easy to Reach from Any Direction

FOR USE WITH BRS2150 (EFX20) Mixing Valve

STOCK NO	EACH
BRS19314EW	750.48

Bradley S19-224 Series Wall-Mount Halo Eyewash Unit



- Aquaduct Self-Draining design.
- Chrome-plated ½" IPS stay-open ball eye wash valve operated by large, highly visible yellow PVC push button.
- Impact-resistant yellow plastic eye wash bowl.
- Integral flow control assures safe, steady flow under varying water supply conditions.
- Heavy gauge cast aluminum wall bracket (bolts not included)

STOCK NO	EACH
BRS19224EW	246.16

(21)

Bradley Eye Wash Repair Fittings

DESCRIPTION	STOCK NO	EACH
Eyewash Head Tethered	BR107371	11.21
Eyewash Handle	BRS45123	57.73
Valve/Handle Pre-Pack	BRS45122	138.36

Bradley Deck Mount "Swing" Eyewash Fixture



- Chrome-Plated Brass Pipe & Fittings, ½" NPT Supply
- Universal Identification Sign & Inspection Tag
- Exceeds American National Standard Z358.1 Specs
- Full, One-Year Warranty

FOR USE WITH BRS192000 (EFX8) Mixing Valve

DESCRIPTION	STOCK NO	EACH
RH • LESS Bowl	BRS19274B	411.96
LH • LESS Bowl	BRS19274BL	411.96



Bradley Thermostatic Mixing Valves

ASSE 1071 & cUPC Certified

DESCRIPTION	GPM @ 30 PSI	STOCK NO	EACH
EFX8 (Eye Wash ONLY)	7	BRS192000	504.60
EFX20 (Combo Unit)	19.5	BRS192150	967.68
EFX50 (Any 2 Units)	40.5	BRS192250	1336.64

Speakman Emergency Equipment

Speakman EyeSaver Faucet



- Eyewash and Faucet Work Independantly
- Certified ANSI Z358.1 & ASME A112.18.1
- LF suffix is a Laminar flow outlet

Model SEF-1800-CA (LF)

FLOW OUTLET	STOCK NO	EACH
1.5 GPM	SEF1800CALF	1033.62

Angle Stops



OR15X/OR17X
3/8" OD Compression Outlet, angle, oval handle.

INLET SIZE	FINISH	STOCK NO	EACH
3/8" FIP	Chrome Plated	OR15	12.65
1/2" FIP	Chrome Plated	OR17	12.65



OCR19X/OCR39X
1/2" Nominal Compression Inlet, angle, oval handle.

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
3/8" Comp.	Chrome Plated	OCR19	10.53
3/8" Comp.	Rough Brass	OCR19RB	10.16
1/2" Comp.	Chrome Plated	OCR39	16.94



PR19X
1/2" Nominal CPVC Inlet, angle, oval handle.

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
3/8" Comp.	Chrome Plated	PR19C	17.30



Removal Tool
For Push Connect fittings.

SIZE	STOCK NO	EACH
1/2" or 1/4"	PCT106	2.04



SCR19X/SCR39X
1/2" Nominal Compression Inlet, angle, loose key

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
3/8" Comp.	Chrome Plated	SCR19	20.41
1/2" Comp.	Chrome Plated	SCR39	26.84



R19X
1/2" Nominal Sweat Inlet, 3/8" OD Comp., angle

FINISH	STOCK NO	EACH
Chrome Plated	R19	14.80



CR1901LRX/CR3901LRX Dual Outlet Valves
1/2" Nom. Comp. Inlet, 3/8" OD Comp. Side Outlet.

RISER OUTLET (OD)	FINISH	STOCK NO	EACH
1/2" Comp.	Rough Brass	CR3901LR	52.92



CR1901DVX
Dual shut-off for two independant supply lines.
- 1/2" Nominal Compression Inlet
- 3/8" OD Compression Riser Outlet
- 3/8" OD Compression Side Outlet

FINISH	STOCK NO	EACH
Rough Brass	CR1901DVR	72.35



CR1901DVSX
Straight dual shut-off for two supply lines.
- 1/2" Nominal Compression Inlet
- 3/8" OD Compression Riser Outlet
- 3/8" OD Compression Side Outlet

FINISH	STOCK NO	EACH
Rough Brass	CR1901DVSR	74.91

1/4 Turn Stops



G2CR19X
1/2" Nominal Comp. Inlet, 3/8" OD Comp., angle

FINISH	STOCK NO	EACH
Chrome Plated	G2CR19	10.29



G2PS09X/G2PS19X
1/2" Nominal Push Connect Inlet, angle

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
1/4" Comp.	Chrome Plated	G2PS09XC	14.73
3/8" Comp.	Chrome Plated	G2PS19XC	10.59



G2CR09X R
1/2" Nominal, compatible with copper piping, angle

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
1/4" Comp.	Rough Brass	G2CR09	13.56



G2CEP09X/G2CEP19X
1/2" Nominal
F1960 Cold Expansion PEX Barb Inlet, angle

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
1/4" Comp.	Chrome	G2CEPX09XC	15.47
3/8" Comp.	Chrome	G2CEPX19XC	8.16



G2BRPX19X
1/2" Nominal Crimp Barbed PEX Inlet,
3/8" OD Compression Outlet, angle, ASTM F1807

FINISH	STOCK NO	EACH
Chrome Plated	G2BRPX19XC	8.16



KTCR19X
1/2" Nominal Comp. Inlet, 3/8" OD Comp. Outlet.

FINISH	STOCK NO	EACH
Chrome Plated	KTCR19XC	14.49



KTSCR19X
1/2" Nominal Compression Inlet, angle, loose key.

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
3/8" Comp.	Chrome Plated	KTSCR19C	25.51

Lavatory Stops and Supply Fittings (16)

brasscraft.com

Straight Stops



OR10X/OR12X

3/8" OD Compression Outlet, straight, oval handle

INLET SIZE	FINISH	STOCK NO	EACH
3/8" FIP	Chrome Plated	OR10	15.48
1/2" FIP	Chrome Plated	OR12	15.48



OCR14X/OCR34X

1/2" Nom. Compression Inlet, straight, oval handle

OUTLET SIZE (OD)	FINISH	STOCK NO	EACH
3/8" Comp	Chrome Plated	OCR14	11.45
3/8" Comp	Rough Brass	OCR14RB	11.01
1/2" Comp	Chrome Plated	OCR34	17.26



PR14X

1/2" Nom. CPVC inlet, 3/8" OD Comp., oval handle

FINISH	STOCK NO	EACH
Chrome Plated	PR14C	18.78



R14X

1/2" Nom. Sweat Inlet, 3/8" OD Comp., oval handle

FINISH	STOCK NO	EACH
Chrome Plated	OR14	16.02



DRS44MX

1/2" Nominal Female Sweat Inlet, 1/2" Nominal Male Sweat Outlet, Screwdriver Slot Shut-off

FINISH	STOCK NO	EACH
Rough Brass	DRS44MR	36.14



G2CR14X

1/2" Nominal Comp. Inlet, 3/8" OD Comp. Outlet

FINISH	STOCK NO	EACH
Chrome Plated	G2CR14	11.17



G2PS14XC

1/2" Nom. Push Connect Inlet, 3/8" OD Comp. Outlet

FINISH	STOCK NO	EACH
Chrome Plated	G2PS14XC	10.59



Push Removal Tool

For Push Connect fittings.

SIZE	STOCK NO	EACH
1/2" or 1/4"	PCT106	2.04



G2BRPX14X

1/2" Nominal Crimp Barb PEX Inlet, 3/8" OD Compression Outlet

FINISH	STOCK NO	EACH
Chrome	G2BRPX14XC	8.16



G2CEPX14X

1/2" Nominal F1960 Cold Expansion PEX Barb Inlet, 3/8" OD Compression Outlet

FINISH	STOCK NO	EACH
Chrome	G2CEPX14XC	8.16

Supply Fittings



70-6-8X

3/8" OD Tube

SIZE	FINISH	STOCK NO	EACH
1/2" FIP	Chrome Plated	BC17	17.05



Compression Nut

3/8" OD Tube, Lead Free

FINISH	STOCK NO	EACH
Nickel Plated	616C	1.80

(02a)



Compression Cap

OD TUBE	MODEL NO	STOCK NO	EACH
3/8"	61CP-6X	38CCCAP	2.89



10X/11X/12X/13X

3/8" OD Tube, Lead Free

SIZE	FINISH	STOCK NO	EACH
3/8" FIP	Chrome Plated	BC10	9.57
3/8" MIP	Chrome Plated	BC11	4.25
1/2" FIP	Chrome Plated	BC12	11.09
1/2" MIP	Chrome Plated	BC13	4.79

(02a)



Compression Female Tee Adaptors

3/8" OD Tube x 3/8" OD Tube x Comp. Nut

COMP. NUT	MODEL NO	STOCK NO	EACH
1/4" Female	CT2-664X	CT2664XP	11.11
3/8" Female	CT2-666X	CT2666XP	11.11

Flexible Closet Supplies

(18)
Braided Polymer Closet Supply
3/8" Comp. Inlet x 7/8" Ballcock Nut Outlet



MODEL NO	LENGTH	STOCK NO	EACH
B1-20DL F	20"	B120DL	6.72

(18)
Fluidmaster PRO Series Stainless Steel Closet Supply
3/8" Comp. Inlet x 7/8" Ballcock Nut Outlet



LENGTH	STOCK NO	EACH
9"	FLPRO1T09	3.31
12"	FLPRO1T12	3.50
16"	FLPRO1T16	4.02
20"	FLPRO1T20	4.35

Anti-Sweat Valve (18)

Watts WAS Anti-Sweat Closet Valve
For toilet tanks. Mixes hot water with cold supply water to avoid condensation build-up on outside of tank (maximum temp 180°F.) 1/2" Cast brass, compression or IPS male connections.



STOCK NO	EACH
WAS	80.37

Closet Tube Only

Copper Toilet Risers
3/8" OD Tube Crome Plated Riser



MODEL NO	LENGTH	STOCK NO	EACH
1-12DL C	12"	112DL	6.38
1-20DL C	20"	120DL	11.03

Copper Toilet Riser
3/8" OD Tube, Crome Plated with Heavy Duty Rubber Nosepeice.



MODEL NO	LENGTH	STOCK NO	EACH
1-20DE C	20"	120DEC20	14.79

(02)
Oatey Toilet Riser
3/8" PEX Supply tubes for Residentail or Commercial



MODEL NO	LENGTH	STOCK NO	EACH
34315	12"	OA34315	1.55
34317	20"	OA34317	1.93

(02)
Oatey PEX Celcon Compression Sleeve
Sold in bag quantities of 48 only.



DESCRIPTION	STOCK NO	EACH
Fits 3/8" OD Risers	OA34018	.11

Closet Tube Kits

OCR1912DLX
1/2" Nom. Comp. Inlet, 3/8" OD Comp. Angle Valve, 3/8" OD x 12" tube, 1 Bell Flange



FINISH	STOCK NO	EACH
Chrome Plated	OCR1912DL	31.03

(18)
Brasstech Suppy Kit
Solid Brass Constuction. Angle Valve 1/2" Comp. Inlet, 3/8" OD Comp. Outlet. Sure Grip Flange. 3/8" OD x 20" Flat Head Rigid Supply Tube.



FINISH	HANDLE	STOCK NO	EACH
Oil Rubbed Bronze	Oval	48210B	112.91
Satin Nickel	Lever	48215S	112.91

OCR1912AX



½" Nom. Comp. Inlet, ⅜" OD Comp. Angle Valve, ⅜" OD x 12" tube, 1 Shallow Flange

FINISH	STOCK NO	EACH
Chrome Plated	OCR1912A	60.79

CS600



½" OD Tube Sweat Copper Riser for faucet installs with shank nut and nosepiece

FINISH	LENGTH	STOCK NO	EACH
Rough Brass	12"	CS600	13.14

Thread Brass Basin Nut



SIZE	STOCK NO	EACH
½"	BN12916B	1.47

Copper Faucet Risers



⅜" OD Tube Copper Riser for faucet installs, with one-piece formed metal nosepiece with insert

MODEL NO	FINISH	LENGTH	STOCK NO	EACH
1-12A C	Chrome Plated	12"	112A	5.98
1-12A R	Rough Brass	12"	112ARB	4.66
1-20A C	Chrome Plated	20"	120A	9.01
1-20A R	Rough Brass	20"	120ARB	8.25
1-20A PP	Polished Brass	20"	120APB	34.64
1-30A C	Chrome Plated	30"	130A	19.63
1-30A R	Rough Brass	30"	130ARB	14.90
1-36A C	Chrome Plated	36"	136A	23.15

½" OD Tube Copper Riser for faucet installs

MODEL NO	FINISH	LENGTH	STOCK NO	EACH
3-12A C	Chrome Plated	12"	312A	13.08

Copper Faucet Risers



⅜" OD Tube Copper Riser for faucet installs, with a ⅜" compression nosepiece

MODEL NO	FINISH	LENGTH	STOCK NO	EACH
1-12KC C	Chrome Plated	12"	112KC	11.40
1-12CK R	Rough Brass	12"	112KCRB	10.34
1-20KC C	Chrome Plated	20"	120KC	13.78

(18)

Speedi Plumb® Stainless Steel Flexible Supply



⅜" Comp. Inlet x ½" FIP Outlet

MODEL NO	LENGTH	STOCK NO	EACH
S1-16A F	16"	S116AF	3.62

(18)

Speedi Plumb® Polymer Flexible Supply



½" Comp. Inlet x ½" FIP Outlet

MODEL NO	LENGTH	STOCK NO	EACH
B3-30A F	30"	B330AF	15.41

(18)

Pro Series® Stainless Steel Flexible Supply



⅜" Comp. Inlet x ½" FIP Outlet

MODEL NO	LENGTH	STOCK NO	EACH
PRO1F12	12"	FLPRO1F12	3.67
PRO1F16	16"	FLPRO1F16	4.02
PRO1F20	20"	FLPRO1F20	4.35
PRO1F30	30"	FLPRO1F30	5.20

⅜" Comp. Inlet x ⅜" Comp. Outlet

MODEL NO	LENGTH	STOCK NO	EACH
PRO6F12	12"	FLPRO6F12	4.41
PRO6F20	20"	FLPRO6F20	6.13

⅜" Comp. Inlet x ⅜" OD Copper Outlet

MODEL NO	LENGTH	STOCK NO	EACH
PRO8F12	12"	FLPRO8F12	4.14
PRO8F20	20"	FLPRO8F20	5.22

(02)

Oatey Sink Supplies



⅜" PEX Supply tubes for Residentail or Commercial

MODEL NO	LENGTH	STOCK NO	EACH
34312	20"	OA34312	1.93
34313	30"	OA34313	2.29

(21)
Dishwasher Elbow Fitting



3/8" MIP Inlet x 3/4" Garden Hose Swivel

FINISH	STOCK NO	EACH
Brass	LF769GH	6.68

(18)
Fluidmaster Dishwasher Water Supply Connectors

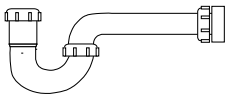


Includes dishwasher elbow.
Heavy duty brass hex nuts, nickle plated.
3/8" Female Compression Thread
x 3/8" Female Compression Thread

LENGTH	STOCK NO	EACH
48"	FLB6W48K	15.34
60"	FLB6W60K	17.26
72"	FLB6W72K	19.20

Additional Dishwasher Supplies on page 415

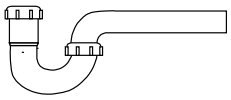
ABS/PVC "Mastertrap" P-Trap



Adapter connects 1½" tube size to Sch. 40 stub-out with 1¼" and 1½" inlet slip joint adapter washers.

TYPE	STOCK NO	EACH
ABS	DBA9703WBG	2.32
PVC	DBP9703WBG	2.32

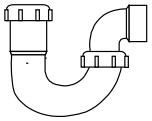
PVC "Mastertrap" P-Trap



Adapter connects 1¼" tube size to Sch. 40 stub-out. **LESS Flange.**

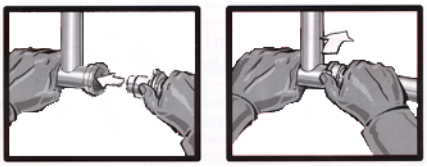
TYPE	STOCK NO	EACH
PVC	DBP9701	2.68

PVC "Mastertrap" Sink Trap



Adapter connects 1½" tube size to Sch. 40 stub-out with 1¼" and 1½" inlet slip joint adapter washers.

TYPE	STOCK NO	EACH
PVC	DBP9702	3.18



Just Load... And Lock!

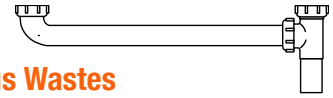
No. 837 ABS/PVC 1½" Bayonet P-Trap Asseembly

- One-quarter turn, no-leak tubular connection.
- Saves time,eliminates leaks and costly call backs.
- Impossible to over or under tighten nuts.
- Utilizes pre-lubricated, easy-to use O-rings.
- Eliminates leaks caused by damaged or warped washers.
- Includes P-trap, Bayonet twistlock nuts, O-rings, Marvel adapter and 1½" to 1¼" rubber reducing bushing.

TYPE	STOCK NO	EACH
ABS	837ABSBG	5.44
PVC	837PVCBG	5.44

ABS and PVC Tubular Waste Products (18)

oatey.com



Continuous Wastes

TYPE	LENGTH	STOCK NO	EACH
Hi-Line, 1½" Baffle Tee End Outlet			
Bagged ABS			
Direct Connect	*16"*	*T530YABSBG*	*6.16*
PVC Direct Connect	*17"*	*DBP9121*	*5.91*
ABS Direct or Slip	*17"*	*DBA9121A*	*6.24*
PVC Direct or Slip	*17"*	*DBP9121A*	*6.24*
PVC Direct or Slip	*21"*	*DBP9121B*	*15.94*
Hi-Line, 1½" Telescopic End Outlet			
PVC Direct Connect	*17"*	*DBP9121ATBG*	*8.35*
ABS Direct or Slip	*17"*	*DBA9121AT*	*8.04*
PVC Direct or Slip	*17"*	*DBP9121AT*	*8.83*
PVC Direct Connect	*21"*	*DBP9121T*	*15.26*
Hi-Line, 1½" Baffle Tee End Outlet - TPR Washers			
ABS Direct or Slip	*16"*	*DBA9108AB*	*4.43*
PVC Direct or Slip	*16"*	*DBP9108AB*	*4.43*



Slip Joint Connection

1½" x 8" x ¾" Branch

TYPE	STOCK NO	EACH
ABS Slip Joint	*DBAP9817*	*2.53*

1½" Single Flange Sink Tailpieces

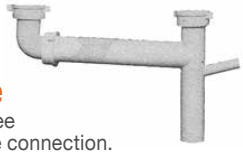


TYPE	LENGTH	STOCK NO	EACH
ABS	*8"*	*DBA9801*	*1.19*
PVC	*8"*	*DBP9801*	*1.13*
ABS	*12"*	*DBA9803*	*1.52*
PVC	*12"*	*DBP9803*	*1.44*

1½" Double Flanged Sink Tailpieces



TYPE	LENGTH	STOCK NO	EACH
ABS	*16"*	*DBA9803E*	*1.91*
PVC	*16"*	*DBP9803E*	*1.83*



End Outlet Waste

Telescopic with baffle tee and Y branch discharge connection.

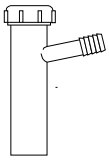
TYPE	TELESCOPIC	Y BRANCH	STOCK NO	EACH
PVC	*12-16"*	*1/2"*	*DBP9121AT8*	*8.77*
PVC	*11½"-16"*	*3/4"*	*DBP9121AT12*	*8.31*



End Outlet Waste with Dishwasher Branch

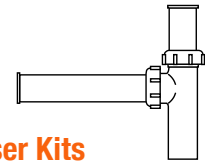
1½" Telescopic EO White PP DC.

TYPE	TELESCOPIC	Y BRANCH	STOCK NO	EACH
PVC	*12-16"*	*1/2"*	*T500DS12PVCBG*	*14.35*



Dishwasher Branch Tailpieces

TYPE	STOCK NO	EACH
1½"x1½"x8" Length with ⅝" OD Branch		
PVC Slip Joint,		
TPR Washers	*DBPP9816*	*2.53*
ABS Slip Joint	*DBAP9816*	*2.53*
PVC Direct Connect,		
TPR Washer	*DBPP9818*	*2.53*
1½"x1½"x8" Length with ⅞" OD Branch		
PVC Direct Connect.	*308W*	*2.75*
PVC Slip Joint	*DBPP9817*	*2.53*
1½"x1½"x8" Length with ¾" Branch		
PVC Direct Connect.	*DBPP9819*	*2.53*



Plastic 1½" Disposer Kits

TYPE	STOCK NO	EACH
ABS Baffle Tee,		
Disposer Gasket	*DBA9100*	*5.97*
PVC Baffle Tee, Disposer Gasket,		
TPR Washers	*DBP9100B*	*5.20*

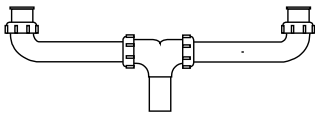
No. 610 Bayonet Disposer Waste Asseembly Kit



- Tee and nuts
- 6" and 10" tailpiece
- Disposer connection washer
- Telescopic - fully adjustable
- 1½", Bagged

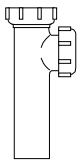
See page 405 for description of "Bayonet"

TYPE	STOCK NO	EACH
PVC	*610PVCBG*	*14.52*



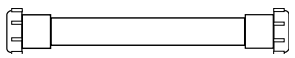
PVC Hi-Line Baffle Tee Center Outlet Continuous Waste

TYPE	STOCK NO	EACH
PVC Direct or Slip,		
TPR Washers	*DBP9123ABG*	*5.62*

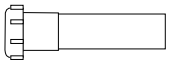


1½" End Outlet Continuous Waste

TYPE	STOCK NO	EACH
PVC Slip Joint, Baffle Tee	*DBP9185*	*2.39*



Plastic Slip Joint Extension Tubes



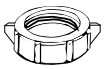
TYPE	SIZE	STOCK NO	EACH
Single Connect			
ABS	*1½"x8"*	*DBA9792A*	*2.06*
PVC, TPR Washers	*1½"x8"*	*DBP9792A*	*2.23*
Double Connect			
PVC, TPR Washers	*1¼"x16"*	*DBP9791E*	*4.60*
ABS, TPR Washers	*1½"x16"*	*DBA9793E*	*2.44*
PVC, TPR Washers	*1½"x16"*	*DBP9793E*	*2.64*

Plastic Extension Tubes



TYPE	SIZE	STOCK NO	EACH
PVC Solvent Weld	*1½"x8"*	*DBP9786A*	*4.22*

PVC Slip Joint Nut



SIZE	STOCK NO	EACH
1¼" Less washer	*DBP9001A*	*1.00*
1½" Less washer	*DBP9001*	*.60*

Sioux Chief Washers (18)

Slip-Joint Washers



Beveled for better seal with standard slip nut.

SIZE	COLOR	STOCK NO	EACH
1¼"	*Red*	*SC9965S*	*.20*
1½"	*Red*	*SC9966S*	*.18*
1½"	*Poly*	*SC9966*	*.15*
1½" x 1¼"	*Red*	*SC9968S*	*.19*

Tailpiece Washers

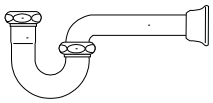


Beveled for better seal with standard slip nut.

SIZE	COLOR	STOCK NO	EACH
1½"	*Red*	*SC9916S*	*.26*

Brass Tubular Waste Products (16)

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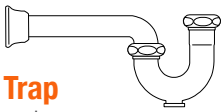
Seamless Bent Tube "P" Trap

Chrome Plated, Deep Flange without Cleanout

SIZE	STOCK NO	EACH
1¼" 20 Ga. TPR Washers	DB700DF1	29.73
1½" 20 Ga. TPR Washers	DB702DF1	36.40
1¼" 17 Ga. TPR Washers	DB701DF1	31.99
1½" 17 Ga. Red/TPR Washers	DB704DF1	38.73

Chrome Plated, Shallow Flange without Cleanout

SIZE	STOCK NO	EACH
1½" 20 Ga. TPR Washers	DB7021	33.52
1½" 17 Ga. Red/TPR Washers	DB7041	36.07



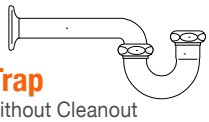
Regular Tube "P" Trap

Chrome Plated with Cleanout

SIZE	STOCK NO	EACH
1½" 20 Ga. TPR Washers	DB7081	81.99
1¼" 17 Ga. TRP Washers	DB7071	44.45
1¼" x 1½" 17 Ga. with Reducing Nut & TPR Washers	DB7101	51.42

17 Ga. Chrome Plated, Deep Flange with Cleanout

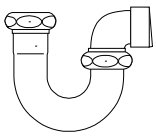
SIZE	STOCK NO	EACH
1¼" TPR Washers	DB707DF1	74.40
1½" Reducer/TPR Wahsers	DB710DF1	64.13



Low Inlet Regular Tube "P" Trap

17 Ga. Polished Chrome without Cleanout

SIZE	STOCK NO	EACH
1¼" TPR Washers	DB711A1	67.64
1½"	DB714A1	81.28



Seamless Bent Tube Sink Traps

1½" IPS Outlet, Chrome Plated, Shallow Flange without Cleanout, Reducer Washer, Ground joint

SIZE	STOCK NO	EACH
1½" 17 Ga.	DB7401	75.58



Trap Offset

22 Ga. Polished Chrome Double Offsets

SIZE	STOCK NO	EACH
1¼"x1¼"	DB10461	24.89
1½"x1½"	DB1046A1	28.31

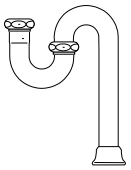


(18)
(18)

Dearborn® Wall Tube

17 Ga. Brass with Chrome Plated Finish

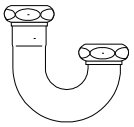
SIZE	STOCK NO	EACH
1½"x12"	DB402A171	50.44



Seamless Bent Tube "S" Traps

20 Ga. Chrome, Deep Flange without Cleanout

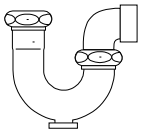
SIZE	STOCK NO	EACH
1¼"x1¼"	324CPDF	56.23



"J" Bends For Tube Traps

Chrome Plated without Cleanout

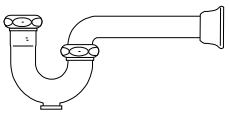
SIZE	STOCK NO	EACH
1¼"x1¼" 20 Ga.	DB6501	35.86
1¼"x1¼" 17 Ga. TPR Washer	DB6521	46.98
1½"x1½" 17 Ga.	DB6531	39.59



Cast Brass Swivel Sink Trap

Polished Chrome, 1½" IPS Elbow, Ground Joint, Brass Nuts, Reducing Washer with Cleanout

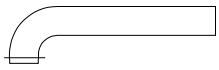
SIZE	STOCK NO	EACH
1½"x1½"	DB710GBN1	77.55



Semi Cast "P" Traps

Polished Chrome, Deep Flange with Cleanout

SIZE	STOCK NO	EACH
1¼"x1¼" 17 Ga.	DB5071	47.11
1½"x1½" 17 Ga.	DB5101	55.27



(18)

Wall Bends

17 Ga. Chrome Plated

SIZE	LENGTH	STOCK NO	EACH
1¼"x1¼"	10"	DB401A171	43.85
1¼"x1¼"	15"	DB401B171	75.04
1½"x1½"	15"	DB402B171	95.42



McGuire Mfg. Heavy Cast Brass "P" Trap

Chrome Shallow Flange with Cleanout, Slip Nuts

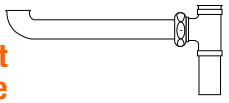
SIZE	STOCK NO	EACH
2"x2"	MC8904C17CP	226.37



McGuire Mfg. Tailpiece

17 Ga. Chrome Plated

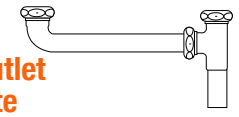
SIZE	LENGTH	STOCK NO	EACH
2"x2"	12"	MC26412	58.54



Hi-Line End Outlet Continuous Waste

Chrome Plated, Direct Connect

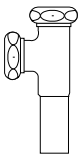
SIZE	STOCK NO	EACH
1½"x16" 17 Ga. TPR Washer	DB131A1	67.70
1½"x16" 22 Ga.	DB2121A1	50.17
1½"x21" 20 Ga.	1813ASN	80.50



Slip Joint End Outlet Continuous Waste

Chrome Plated

SIZE	STOCK NO	EACH
1½"x16" 17 Ga.	DB111A1	69.58
1½"x16" 20 Ga. TPR Washers	DB108A1	55.94

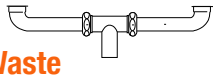


(18)

Baffle Tee

Chrome Plated, Slip Joint

SIZE	STOCK NO	EACH
1½"	DB2185C	23.65



Center Outlet Continuous Sink Waste

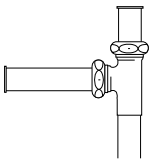
Chrome Plated, Direct Connect

SIZE	STOCK NO	EACH
1½"x16" 22 Ga. TPR Washer	DB2123A1	51.82
1½"x16" 20 Ga.	DB123A1	121.14



Chrome Plated, Slip Joint

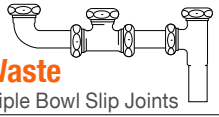
SIZE	STOCK NO	EACH
1½"x16" 20 Ga.	DB114A1	109.14



Space Saver Disposer Kit

Chrome Plated, C to E

SIZE	STOCK NO	EACH
1½"x13" 17 Ga. Baffle Tee	DB100171	75.43



3 Part End Outlet Continuous Sink Waste

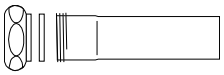
Chrome Plated, C to C, Triple Bowl Slip Joints

DESCRIPTION	STOCK NO	EACH
1½"x24" 20 Ga.	DB109201	330.47

Brass Tubular Waste Products (16)

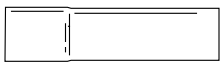
oatey.com

Extension Tubes



20 Ga. Chrome Plated, Slip Joint, TPR Washers

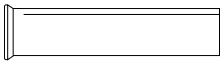
SIZE	LENGTH	STOCK NO	EACH
1¼"x1¼"	6"	DB790201	21.54
1¼"x1¼"	8"	DB790A201	26.03
1¼"x1¼"	12"	DB791A201	21.17
1½"x1½"	6"	DB792201	29.61
1½"x1½"	8"	DB792A201	28.49
1½"x1½"	12"	DB793A201	37.49



17 Ga. Chrome Plated, Solder type

SIZE	LENGTH	STOCK NO	EACH
1½"x1½"	12"	1247P	30.74

Sink Tailpieces



Chrome Plated, Flanged

SIZE	LENGTH	STOCK NO	EACH
1½"x1½" 22 Ga.	4"	DB7991	5.97
1½"x1½" 20 Ga.	6"	DB800201	13.55
1½"x1½" 20 Ga.	8"	DB801201	17.07
1½"x1½" 20 Ga.	12"	DB803201	22.94
1½"x1½" 17 Ga.	6"	DB800171	22.14
1½"x1½" 17 Ga	8"	DB801171	26.54
1½"x1½" 17 Ga	12"	DB803171	22.85

Reducing Sink Tailpiece



Chrome Plated, Flanged

SIZE	LENGTH	STOCK NO	EACH
1¼" x 1½" 20 Ga.	8"	DB7961	22.12

Threaded Tubes



Chrome Plated, Threaded Both Ends

SIZE	LENGTH	STOCK NO	EACH
1¼"x1¼" 20 Ga.	12"	DB8221	13.95
1⅜"x1⅜" 20 Ga.	12"	DB8241	32.54
1½"x1½" 20 Ga.	8"	DB825A1	29.54
1½"x1½" 20 Ga.	12"	DB8271	19.94
1¼"x1¼" 17 Ga.	8"	DB820C1	31.79
1¼"x1¼" 17 Ga.	12"	DB822A1	17.31
1½"x1½" 17 Ga.	12"	DB827A1	44.82

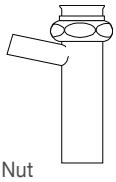
(02)

Chrome Plated Brass Pipe/Tube



SIZE	LENGTH	STOCK NO	EACH
1½" OD	6"	112X6CPBRTU	285.58

Dirrect Connect Branch Tailpiece



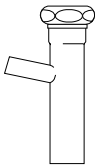
Chrome Plated, ¾" (⅞" OD) Branch for Hose and Clamp or Sweat, Brass Nut

SIZE	LENGTH	STOCK NO	EACH
1½"x1½" 22 Ga.	6"	DB814A1	32.16

Chrome Plated, ½" Copper Sweat Branch for Hose and Clamp or Sweat, Brass Nut

SIZE	LENGTH	STOCK NO	EACH
1½"x1½" 22 Ga.	6"	DB812A1	20.04

Slip Joint Branch Tailpiece



Chrome Plated, ¾" (⅞" OD) Branch for Hose and Clamp or Sweat

SIZE	LENGTH	STOCK NO	EACH
1½"x1½" 22 Ga.	8"	DB814ET1	23.14

(18)

Shallow Pattern Wrought Flanges



SIZE	STOCK NO	EACH
Chrome Plated		
⅝" OD for ½" Nom.	DB1099	.41
⅞" OD for ¾" Nom.	DE1099A	.33
⅜" IPS	DB1100	.48
½" IPS	DB1101	.46
¾" IPS	DB1101A	.51
1¼" OD	DB1102	.60
1½" IPS.	DB1106	.56
Polished Brass 1099 (649P)		
⅝" OD for ½" Nom.	DE1099PB	10.39
White 920-2W		
⅝" OD	9202W	.18
Matte Black		
15/32" OD	DERP6025BL	30.81

(18)

Deep Pattern Wrought Flanges



“Sure Grip” Chrome Plated

SIZE	STOCK NO	EACH
⅝" OD for ½" Nom.	DB1107C	1.45
½" I.P.S	DB1110	1.51
1¼" O.D.	DB1114	1.64
1½" O.D.	DB1115	1.64

(18)

Deep Box Pattern Wrought Flanges



“Sure Grip” Chrome Plated

SIZE	STOCK NO	EACH
1¼" O.D.	DB1116	2.58
1¼" I.P.S.	DE1116A	4.30
1½" O.D.	DB1117	2.84
1½" I.P.S.	DB1117A	3.76

(18)

Box Pattern Flanges



“Trim-Tite” White

SIZE	STOCK NO	EACH
1¼" O.D.	9225W	.81
1½" O.D.	9226W	.81

SaniGuard

mcguiremfg.com



ProDrain

2¼" Chrome Cast Brass Grid Drain
Less overflow - 1¼" O.D.

SIZE	STOCK NO	EACH
2¼"x8 5/16"	PRODRAINSAN	50.34



P-Trap with Clean-Out

Chrome Plated

SIZE	STOCK NO	EACH
1¼"x1¼"	MC8872CBSAN	83.02
1½"x1½"	MC8912CBSAN	89.70



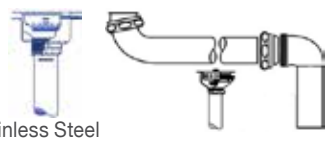
Open Grid PO Plug

Lavatory • Chrome Plated • 17ga

SIZE	STOCK NO	EACH
1¼"x6"	MC155ASAN	49.24

OFFSET Wheelchair Lavatory

SIZE	STOCK NO	EACH
1¼"	MC155WCSAN	74.72



Kitchen Strainer

Kitchen • Stainless Steel

SIZE	STOCK NO	EACH
1½"x4"	MC151ASAN	65.16

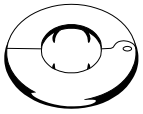
OFFSET Kitchen Strainer

SIZE	STOCK NO	EACH
2⅛"x4"	MC1151WCSAN	217.31

Miscellaneous Tubular Brass (18)

oatey.com

Hinged Floor and Ceiling Plates



Chrome Plated
Heavy Grade with Springs

SIZE	STOCK NO	EACH
For Iron Pipe		
3/8" IPS	DB5350H	4.51
1/2" IPS	10212	2.13
3/4" IPS	10234	2.22
1" IPS	1021	2.31
1 1/4" IPS	102114	2.31
1 1/2" IPS	102112	2.41
2" IPS	1022	3.33
2 1/2" IPS	DB5357H	8.18
3" IPS	DB5358H	9.08
4" IPS	1024	7.40
5" IPS	1025	19.70
For Copper		
1/2" Nom, 5/8" OD	10512	2.50
3/4" Nom, 7/8" OD	10534	2.50
1" Nom, 1 1/8" OD	1051	3.70
1 1/4" Nom, 1 3/8" OD	105114	3.70

Snap One™ Floor and Ceiling Plates



100% rust proof, Split for pre-piped jobs.

SIZE	COLOR	STOCK NO	EACH
For Iron Pipe			
1/2"	Chrome plated ABS	SC9272	1.12
3/4"	Chrome plated ABS	SC9273	1.23
1"	Chrome plated ABS	SC9274	1.31
1 1/2"	Chrome plated ABS	SC9276	1.84
2"	Chrome plated ABS	SC9277	2.05
1/2"	White ABS	SC9272W	.76
3/4"	White ABS	SC9273W	.77
1"	White ABS	SC9274W	.89
1 1/2"	White ABS	SC9276W	1.06
2"	White ABS	SC9277W	1.06
3"	White ABS	SC9278W	1.99
For Copper			
1/2"	Chrome plated ABS	SC9262	1.12
3/4"	Chrome plated ABS	SC9263	1.15
1"	Chrome plated ABS	SC9264	1.24
1/2"	White ABS	SC9262W	.73
3/4"	White ABS	SC9263W	.77
1"	White ABS	SC9264W	.90

siouxchief.com

Tee



Slip Joint All Ways
Chrome Plated

SIZE	STOCK NO	EACH
1 1/2"	DB8481	38.51

90° Elbow



Slip Joint x Slip Joint
Chrome Plated

SIZE	STOCK NO	EACH
1 1/4"	DB8482	21.04
1 1/2"	DB8483	24.97

45° Elbow



Slip Joint x Slip Joint
Chrome Plated

SIZE	STOCK NO	EACH
1 1/4"	DB8477	22.93
1 1/2"	DB8478	27.09

Ground Joint Waste Connection (18)

Female



SIZE	STOCK NO	EACH
1 1/4"	DB1012	8.30
1 1/2"	DB1013	10.38
1 1/2x1 1/4"	DB1014	8.77

Male



SIZE	STOCK NO	EACH
1 1/4"	DB1004	8.72
1 1/2"	DB1005	9.79
1 1/4x1 1/2"	DBR1006	6.84

Compression Rings



SIZE	STOCK NO	EACH
1 1/4"	BC90	4.22
1 1/2"	BC96	4.96

Slip Joint Nut With Washer

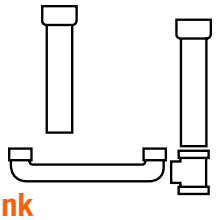


Chrome plated

SIZE	STOCK NO	EACH
1 1/4" IP x 1 1/4" OD to Slip	DB8007	4.44
1 1/2" IP x 1 1/4" OD to Slip	DB8008	4.55
1 1/2" IP x 1 1/2" OD to Slip	DB8006	4.26
2" IP x 2" OD to Slip	DB8011	5.76

Insulation Kits

ipscorp.com



Insulation Kit for Double Bowl Sink

Two basket strainer covers and center or end outlet waste covers (adjustable)
NOTE: Use with 102EZ or IPS82525 Kits (below)

STOCK NO	EACH
107EZ	168.51

Wheelchair Offset Strainer Cover



For institutional applications

STOCK NO	EACH
105EZ	18.65

Basket Strainer and Offset Waste Cover



Adjustable to 18"

STOCK NO	EACH
106EZ	145.66

P-Trap Insulator Kit



1 P-trap cover, 2 angle valves and supply covers

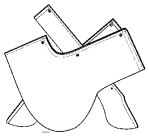
STOCK NO	EACH
102EZ	56.63

Angle Valve and Supply Cover



STOCK NO	EACH
99EZ	40.86

P-Trap Insulator Kit



Velcro, flexible fit for institutional applications

STOCK NO	EACH
IPS82525	71.72

Pre-Cut Lav Shield



For American Standard Lucerne.

STOCK NO	EACH
2018ASL	316.31

Basin Nut



SIZE	STOCK NO	EACH
1/2"	BN12	.89

Sink Strainers (18)

oatey.com

Basket Strainers

No. 17 Spin-N-Lock Basket Strainer



Fits: 3½" opening
Buffed rim. All Stainless Steel

STOCK NO	EACH
DB17	16.97

No. 9 Basket Strainer



Fits: 3½" opening
ABS plastic body
Stainless steel rim and basket

STOCK NO	EACH
DB9	4.57

No. 10 Basket Strainer



4" sink drain
Stainless steel strainer basket and brass slide post

STOCK NO	EACH
DB10	10.07

No. 15 Deep Basket Strainer



Power Ball Lock
Stainless steel body and basket. Locking cup. Neoprene stopper w/snap-in basket. 2 ¾". Fits deep cast iron sinks.

STOCK NO	EACH
DB15	15.02

No. 14 Shallow Basket Strainer



Stainless steel body and basket. Locking cup. Neoprene stopper w/snap-in basket. 2 ¾". Fits deep cast iron sinks.

STOCK NO	EACH
DB14	9.53

No. 16 Basket Strainer



Fits: 3½" opening
Locking cup with stainless steel strainer with neoprene stopper.

STOCK NO	EACH
DB16	18.15

No. 18 Basket Strainer



Stainless steel body and basket. Deep locking cup, neoprene stopper w/snap-in basket. 3¾" length with tailpiece.

STOCK NO	EACH
DB18	14.37



(00)

Opella LTD Design

Fits all standard sinks.

FINISH	STOCK NO	EACH
Strainer Waste		
White	90066WH	38.66
Biscuit	90066BI	38.66
Disposer Waste Assembly		
White	90088WH	48.24
Biscuit	90088BI	46.72

No. 3785A Bar Strainer



Fits: 2" opening
brass body and stainless steel crumb cup. Length - 2½".

STOCK NO	EACH
DB3785A	21.34

LK99 Deluxe Drain



Fits: 3½" opening (4½" top diameter). Heavy gauge stainless steel body. Conical strainer plate has movable lift-up knob with neoprene stopper. With C.P. brass 1½" O.D. tailpiece.

STOCK NO	EACH
ELLK99	73.95

LK35 Standard Duo Strainer



Fits: 3½" opening (4½" top diameter)
One piece stainless steel conical strainer basket with neoprene stopper. C.P. Brass. 1½" O.D. tailpiece.

STOCK NO	EACH
ELLK35	46.40

LK18 Strainer & Tailpiece



Fits: 3½" opening (4⅝" top diameter)
Removable basket is 3" deep with perforated grid strainer with N.P. Brass 1½" O.D. tailpiece.

STOCK NO	EACH
ELLK18	40.60

LK36 Small Basket Strainer



Fits: 2" opening (2⅞" top diameter)
Drain outlet for use with bar sinks. Stainless basket with C.P. Brass. 1½" O.D. tailpiece.

STOCK NO	EACH
ELLK36	85.74

LK8 Basket Strainer



Fits: 2" opening (3" top diameter)
Drain outlet for use with bar sinks. Stainless perforated grid strainer with C.P. Brass 1½" O.D. tailpiece.

STOCK NO	EACH
ELLK8	71.06

(21)

Delta Metal Push-Pop



- All metal construction push pop
- Tailpiece stainless steel for all finishes
- For use with sink without overflow

FINISH	STOCK NO	PRICE
Matte Black	DERP101632BL	110.82

Misc. Strainers



JB Products

Fits all standard sinks.

FINISH	STOCK NO	EACH
Strainer Waste		
Matte Black	JBX102M	61.47
Disposer Waste Assembly		
Matte Black	JBX120M	69.91

JB Products

Strainer Extension
Fits up to 2¾" thick.

STOCK NO	EACH
JBG106000	9.61



No. 774 Strainers

Fits: 2½" opening
Duplex, brass body w/flat stainless steel strainer.

STOCK NO	EACH
DB774	12.92



Flat Sink Strainer

Fits: 3½" opening (4½" top diameter)

STOCK NO	EACH
DB815B	23.38

(02)



No. 24CC Brass Waste Drain

Food Service Equipment Fitting with Locknut and Rubber Washer.

SIZE	STOCK NO	EACH
1" IPS x 3" Long	24CC	28.20



Mountain Plumbing

3-1/2" *Flange and Strainer features spring-loaded center post.*

FINISH	STOCK NO	PRICE
Brushed Stainless Steel	MT300BRS	47.35
Oil Rubbed Bronze	MT300ORB	80.59

(16)

Wide Top Sink Strainer

With 4" Tail Piece.

FINISH	STOCK NO	PRICE
Chrome	MC152SAN	69.79



(16)

Brizo Kitchen Sink Flange with Strainer

Solid brass construction 4.5" diameter flange

FINISH	STOCK NO	PRICE
Luxe Gold	DE69052GL	146.35



(21)

Delta Grid Strainer with Overflow

For Vessel Sink Applications with overflow holes

FINISH	STOCK NO	PRICE
Matte Black	DERP6346BL	93.87

(21)
Bath Faucet Couplings

Sold in Pairs

SIZE	STOCK NO	EACH
½" I.P.	CS8641	21.30

Shower Rough-In Test Plug

- Combination test plug and shower stub-out
- Hi-viz plastic for easy visibility
- Smooth threaded end for easy plastering
- Gasket provides seal to keep debris out
- Reusable and long lasting
- No tools required–hand tighten installation saves time and labor without thread tape!

STOCK NO	EACH
IPS83803	3.41

(18)
Sloan Act-O-Matic Shower Head

With water ON, the disc moves downward into shower position, delivering a cone-within-cone spray for maximum efficiency. When the water is turned OFF, the disc moves upward into drain position, completely washing out all sand and other water born substances that clog ordinary shower heads.

DESCRIPTION	STOCK NO	EACH
2.5 GPM	SL4020100	135.82

(18)
Fiberglass Shower Stall Elbow

- Combination Inlet ½" Female Sweat or ½" NPS Outlet ½" NPT
- Requires 1⅛" Hole through fiberglass
- Designed to secure shower arm elbow to fiberglass shower stall
- Can also be used to secure tub spout nipple.
- Use with copper, iron pipe or comp. fittings.
- Eliminate shower arm and tub spout movement
- Lock nuts have wrench flats for easy installation

STOCK NO	EACH
SHTUEL	12.78

Shower Arm

½" x 6" bent shower arm with wall flange

FINISH	STOCK NO	EACH
Chrome	0618052	14.80

(16)
Delta Shower Arm

½" x 5¾" bent shower arm with wall flange

FINISH	STOCK NO	EACH
Chrome	DEU4993PK	30.23
Venetian Bronze	DEU4993RB	84.54
Stainless	DEU4993SS	74.25
Shower Arm LESS FLANGE		
Matte Black	DERP6023BL	102.50

(16)
Delta Shower Arm

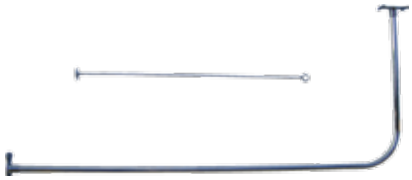
½" x 16" shower arm

FINISH	STOCK NO	EACH
Stainless	DERP46870SS	109.41



Straight Curtain Rods
Aluminum, 1" OD

SIZE	STOCK NO	EACH
60" Without Flanges	PA1260	7.09
72" With Flanges	PP8015PC	28.06



Corner Curtain Rod
Chrome Plated Aluminum, 1" OD
With heavy flanges. 36" Ceiling support included.

SIZE	STOCK NO	EACH
60 x 26"	DE55	45.15



1" Shower Flanges, Pair

DESCRIPTION	STOCK NO	EACH
Cast	DE81	3.70



Adjustable Shower Rod Holder

DESCRIPTION	STOCK NO	EACH
Cast	DE87	2.04



No. 1056 Curtain Snap

STOCK NO	EACH
CS1056	.19

Bath Accessories (18)

braxtonharris.com



Stainless Steel Towel Bar

- 5/8" Square Tubing
- Crome Plated Die Cast Aluminum
- Complete with Consealable Screws

SIZE	STOCK NO	EACH
18"	18TOBA	10.34
24"	24TOBA	13.50
30"	30TOBA	13.55



Toilet Paper Holder

- Crome Plated Die Cast Aluminum
- With White Plastic Roller
- With Consealable Screws

STOCK NO	EACH
PAHOC	6.95



Replacement Roller

3/8" Ends

FINISH	STOCK NO	EACH
Chrome Plated Plastic	CPRO	2.60



Installation Clamp

For Recessed Wall Fixtures- Chrome Plated

STOCK NO	EACH
REWAPL	2.22



(16)

Delta Trinsic® Tissue Holder

- Extends 3-5/16 in. from wall
- Mounting hardware and mounting template included with product

FINISH	STOCK NO	EACH
Stainless	DE75950SS	65.63
Matte Black	DE75950BL	71.42



(16)

Delta Decor Assist Traditional Tissue Holder

- Extends 5-5/16 in. from wall
- Mounting hardware and mounting template included with product

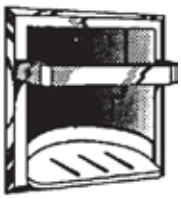
FINISH	STOCK NO	EACH
Stainless	DE41350SS	134.65



Soap Holder

- Crome Plated Die Cast Aluminum
- With Consealable Screws

STOCK NO	EACH
SOHO	5.84



Recess Soap and Grab Bar

With Plastic Soap Tray and Exposed Screws

STOCK NO	EACH
RESOGB	18.98



(16)

Delta Trinsic® Towel Bar

5/8" Width Round - Stainless Finish

SIZE	STOCK NO	EACH
24"	DE759240SS	78.51



(16)

Delta Cassidy® Traditional Tank Lever

- 2 13/16" long
- 1 3/8" diameter base
- Universal Mount - Mounting hardware included

FINISH	STOCK NO	EACH
Venetian Bronze	DE79760RB	73.44



(16)

Delta Stryke® Universal Tank Lever

- 2 11/16" long
- Universal Mount - Mounting hardware included

FINISH	STOCK NO	EACH
Venetian Bronze	DE77660RB	66.39



(18)

Delta Universal Grab Bar Assembly

- 1 1/4" Width Round - Stainless Finish
- 60 in. - 82 in. stretchable metal hose
- Solid brass round wall elbow
- adjustable hand shower mount and hose

SIZE	STOCK NO	EACH
24"	DE51600SS	324.17

Grab Bars

oatey.com



(18)

Dearborn® Straight Grab Bars

1 1/2" Diameter Tube, Stainless Steel, 3" Flange to Conceal Screws, Satin Finish

SIZE	STOCK NO	EACH
18"	DBDB8918	37.92
24"	DBDB8924	40.09
32"	DBDB8932	46.52
36"	DBDB8936	49.44
42"	DBDB8942	53.22



(18)

Delta ADA Grab Bar

1 1/4" Width Round - Stainless Finish

SIZE	STOCK NO	EACH
24"	DE40024SS	247.01



(16)

Delta Traditional ADA Grab Bar

1 1/4" Width Round - Stainless Finish

SIZE	STOCK NO	EACH
12"	DE41612SS	143.57
24"	DE41624SS	168.19



(16)

Delta Transitional ADA Grab Bar

1 1/4" Width Oval

FINISH	SIZE	STOCK NO	EACH
Chrome	36"	DE41736	154.24
Venetian Bronze	18"	DE41718RB	177.30



(16)

Delta Angular Modern ADA Grab Bar

1 1/4" Width Rectangular - Stainless Finish

SIZE	STOCK NO	EACH
24"	DE41924SS	168.19



(16)

Delta Contemporary ADA Grab Bar

1 1/4" Width Round - Stainless Finish

SIZE	STOCK NO	EACH
24"	DE41824SS	168.19



(18)

Delta Universal Grab Bar Assembly

- 1 1/4" Width Rectangular - Stainless Finish
- 60 in. - 82 in. stretchable metal hose
- Solid brass square wall elbow
- adjustable hand shower mount and hose

SIZE	STOCK NO	EACH
24"	DE51500SS	402.86

Closet Repairs

oatey.com braxtonharris.com

(18)
No. 920127
Hoov-R-Line White 8 11/16" overflow level

STOCK NO	EACH
HO920127	7.51



(18)
No. PRO45
Fluidmaster adjustable
Anti-siphon, 9-14"
LESS Brass Shank

STOCK NO	EACH
FLPRO45	13.06



(18)
No. PRO45H
Fluidmaster adjustable
Anti-siphon, 9-14"
High-performance for high-pressure homes and properties
LESS Brass Shank

STOCK NO	EACH
FLPRO45H	16.19



(18)
No. PRO45B
Fluidmaster adjustable
Anti-siphon, 9-14"
With Brass Shank

STOCK NO	EACH
FLPRO45B	15.55



(16)
BCT016-H
Brasscraft Adjustable Fill Valve

STOCK NO	EACH
BCT016H	13.99



(18)
No. 210
Mansfield Watersaver "Universal" Flush Valve

STOCK NO	EACH
210FLVA	14.08





(18)
Aqua Mizer
Toilet Tank Flush Valve System.

STOCK NO	EACH
1001	46.70



(18)
No. 4223 Single Action Tank Lever

STOCK NO	EACH
DE4223	4.20



(21)
No. 35 Upper Lift Wire
9" upper lift wire for flush valve.

STOCK NO	EACH
9UPLIWI	8.41



(21)
No. 30 Lower Lift Wire
Lower lift wire for flush valve.

SIZE	STOCK NO	EACH
4½"	5LOLIWI	3.11
5½"	512LOLIWI	3.80



(21)
No. 3060-BP
KORKY Flapper
Premium universal 3" flapper adjustable and universal to fit most brands

STOCK NO	EACH
3060BP	18.99



(21)
No. 2001-BP
KORKY Flapper
Premium universal 2" flapper for toilets before 1994.

STOCK NO	EACH
2001BP	5.44



(21)
No. 100-BP
Premium universal 2" flapper designed for 1.28, 1.6, 3.5 and 5 gallons per flush (gpf).

STOCK NO	EACH
100BP	8.54

(18)
PRO56 Universal Adjustable Flapper
Built-in Microban® fights flapper breakdown due to bacteria.
Best for 1.28 - 3.5 GPF toilets.

STOCK NO	EACH
FLPRO56	5.99





(18)
No. 264V Sealmaster Flapper

STOCK NO	EACH
B264	3.68



(18)
930045T Three-Way Vinyl Flapper
Fits plastic, brass, old Crane"57" flush valve.

STOCK NO	EACH
CR930045T	2.68



(18)
Triple Seal Tank Balls

STOCK NO	EACH
B251	4.22



(21)
Tilt Valve Seat Disc
For American Standard No.4, 5 and 6 old style tilt flush valves. Screw on type.
Replaces American Standard part # 7338307.

STOCK NO	EACH
B1700	2.00

For American Standard No.5 new style flush valve. Snap on type.
Replaces American Standard part # 3364307.

STOCK NO	EACH
B1701	1.87



(21)
PRO35 Fill Valve Cap
Replacement cap for PRO 45(B) fill valves with plastic adjustment screws, 1-year warranty

STOCK NO	EACH
FLPRO35	4.64



(21)
PRO22 Fill Valve Seal
Replacement seal for all Fluidmaster fill valves, including PRO45 and 400A. 1-year Warranty

STOCK NO	EACH
FLPRO22	2.01



(40)
Ekern
Last Drop Suction Gun. Removes water from toilet tanks for repair or replacement.

STOCK NO	EACH
LADRSUGU	41.25

Closet Repairs

oatey.com braxtonharris.com siouxchief.com

(18)
Float
Plastic float tank ball



SIZE	STOCK NO	EACH
3½ x 4"	F305AC	1.50

(21)
No. 40 Brass Float Rod



SIZE	STOCK NO	EACH
10"	10FLRO	9.44

(18)
Brass Closet Spuds
With Gasket



SIZE	STOCK NO	EACH
1¼"	DB4029	8.96
1½"	DB4028	8.95
2"	DB4025	13.32
2x1½"	DB4026	12.22

(21)
Closet Spud Friction Ring



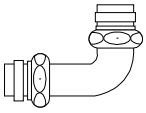
SIZE	STOCK NO	EACH
1¼"	114FR	1.03
1½"	112FR	.76
2"	2FR	1.39

(21)
No. 24 Urinal Top Spud
Brass top urinal spud with brass nut, rubber seal and friction washer.



SIZE	STOCK NO	EACH
1" x ¾"	1X34URTOSP	8.40
1¼" x ¾"	114X34URTOSP	10.68

(16)
Closet Elbow
With nuts and washers



SIZE	STOCK NO	EACH
2x5x7"	777NPC	45.13

(18)
No. 4700 Wax Urinal Gasket
2" outlet with urethane.



STOCK NO	EACH
WAURGA	2.72

For Neoprene Gaskets used for back outlet toilets see pages 1315 & 1317

(21)
Sioux Chief Plumb Perfect Plastic Closet Bolts
Two open nuts and two 2½" bolts per bag.



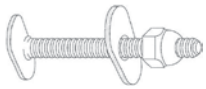
STOCK NO	EACH
SC425PB	.99

(18)
Hercules "Johni" Bolt



SIZE	STOCK NO	EACH
¼"	14JOBO	3.61
5/16"	516JOBO	4.93

(21)
No. 45 Brass Closet Bolt Combination
Oval Washer, Nut and Bolt



SIZE	STOCK NO	EACH
¼ x 2¼"	14X214CLBO	1.42
¼ x 3½"	14X312CLBO	1.63
5/16 x 2¼"	516X214CLBO	1.84
5/16 x 3½"	516X312CLBO	2.20

DESCRIPTION	STOCK NO	EACH
¼" Nut	14CLBONU	.21
5/16" Nut	516CLBONU	.22
Round Washer	ROCLWA	.33
Oval Washer	OVCLWA	.15

(18)
SetFast Self Adjusting Closet Bolts
Solid Brass, 9/16" Nut & No-Tip Lock Washer.
No Cutting - Bolt Stud Turns With Hex Nut.



STOCK NO	EACH
42443	5.87

(21)
No. 15 Closet Screw Combination
Brass Plated Iron Screw Washer, Nut and Screw



SIZE	STOCK NO	EACH
¼ x 2½"	14X212CLSC	2.38
5/16 x 2½"	516X212CLSC	1.82
5/16 x 3½" (Screw Only)	516X312CLSC	1.73

(18)
No. 12167 Black Swan
Toilet bolts with 4 nuts & washers.

SIZE	STOCK NO	EACH
¼ x 2¼"	4NTOBO	2.70

(18)
Black Swan
Wax rings with urethane.

DESCRIPTION	STOCK NO	EACH
Gasket	SW04003	3.21
Flange & Gasket	SW04008	3.99

(18)
Closet Bolt Caps
Cap with round washer, White, Polypropylene



STOCK NO	EACH
SC49011240	1.31

(18)
Bowl Wax Ring



STOCK NO	EACH
G235	1.46

(18)
Jumbo Wax Ring



STOCK NO	EACH
G236	2.19

(18)
Kant Leak Bowl Ring
Wax ring w/rubber flange.



STOCK NO	EACH
G237	1.88

(21)
Sioux Chief Tank to Bowl Kit
1⅛" high American Standard recessed gasket with deluxe brass tank to bowl bolts.



STOCK NO	EACH
SC49010560	8.16

(18)
Wedge-it™
Multi-purpose stability wedge. Can be stacked solidly in same or oposite direction to fill any gap.



DESCRIPTION	STOCK NO	EACH
Stiff Polypropylene 1 15/16"x¼"	SC46010	.24
Soft Polypropylene 1 15/16"x¼"	SC46020	.36

(21)
C-12
5½" red rubber force cup with 20" handle



STOCK NO	EACH
C12FOCU	4.27

(21)
C-17
Large volume heavy duty black rubber plumbers force cup. With clamp for extra strength. 6" diameter, 6" high with 20" handle.



STOCK NO	EACH
C17FOCU	8.93

(21)
C-17A
Ball type extra heavy duty force cup. Black rubber reinforced rib construction with clamp for extra strength. 6" diameter, 6" high with 20" handle.



STOCK NO	EACH
C17AFOCU	14.40

(21)
Heavy Duty Hydro-Thrust
X-Large Volume Folding Skirt with 19" yellow painted wood handles



STOCK NO	EACH
C25FOCU	12.00

Lav and Kitchen Sink Accessories

oatey.com

(18)

Model PU200

Chrome lavatory pop-up assembly, 17 gauge brass.

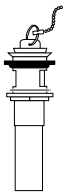


STOCK NO	EACH
PU200	15.54

(16)

1¼" Plug

Chrome Plated with chain and Stopper.
WITH OVERFLOW



SIZE	STOCK NO	EACH
5"	DB7631	34.35
6"	DB764A1	28.06
8"	DE764A	20.73

(16)

1¼" Plug

Chrome Plated with chain and Stopper.
LESS OVERFLOW



SIZE	STOCK NO	EACH
5"	DB763K1	21.86

(16)

Cast Grid Plug

with 17 ga tailpiece.
WITH OVERFLOW

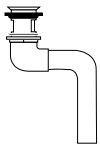


SIZE	STOCK NO	EACH
1¼" x 6"	DB7601	20.10

(16)

1¼" Cast Grid Plug

Wheelchair model.
WITH OVERFLOW



SIZE	STOCK NO	EACH
6"	DB760W1	43.70

(18)

Universal basin Hanger



STOCK NO	EACH
PP22681	.74

(18)

Deep Basin Rosette

Zinc Plated Steel



STOCK NO	EACH
CS8125	.52

Thread Brass Basin Nut



SIZE	STOCK NO	EACH
½"	BN12916B	1.47

(18)

Replacement Basket Only



STOCK NO	EACH
REBA	5.95

(18)

Waterbury Low Flow Aerators

Each aerator has a removable flow restricting brass disc.



2.5 GPM @ 80psi
Recommended for kitchen faucets.

DESCRIPTION	STOCK NO	EACH
Male 15/16"—27	900BG	1.75
Female 55/64"—27	910BG	1.75



1.5 GPM @ 80psi.
Recommended for lavatory faucets.

DESCRIPTION	STOCK NO	EACH
15/16"—27(outside) 55/64"—27(inside)		
Dual Thread	620BG	1.84
Small Male 13/16"—27	670BG	2.09
Small Female ¾"—27	680BG	2.09

(18)

6-Pack Tube Full Flow

Dual Thread Aerator
2.2 GPM max.@60 psi.
Slotted, Spring-Flo®, Priced per each
Sold in multiples of six only.



DESCRIPTION	STOCK NO	EACH
15/16"—27 and 55/64"—27		
Dual Thread	38D	22.58

(18)

2" Faucet Hole Cover

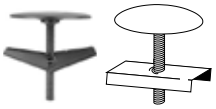


FINISH	STOCK NO	EACH
Flat Black	4T20020	8.26
Satin Nickel	4T20031	15.84
Oil Rubbed Bronze	4T20034	15.84

(18)

Faucet Hole Cover

Chrome Plated Steel



DESCRIPTION	STOCK NO	EACH
No. 1228		
1¾" with one piece head	935PC	4.92
Sioux Chief • 961-6		
1¾" with toggle nut	SC9616	2.09



(18)

Head and Hose

DESCRIPTION	STOCK NO	EACH
MR422-4	CS4224	14.62



(18)

Head Only

DESCRIPTION	STOCK NO	EACH
MR422	CSMR422	4.58

(18)

Dishwasher Hose



DESCRIPTION	STOCK NO	EACH
5/8" I.D. x 50'	58X50DWHO	97.05
7/8" I.D. x 50'	78X50DWHO	157.44

DESCRIPTION	STOCK NO	PER FOOT
5/8" I.D. x (Cut To Measure). . .	FTDWHO	1.94
7/8" I.D. x (Cut To Measure)	FTDWHO78	3.15

(18)

Disposal/Dishwasher Connector

Includes rubber sleeve and 2 micro-gear clamps.



STOCK NO	EACH
DIDICO	3.46

(18)

Air Gap

Prevents backflow of dishwasher into the water system. White plastic body.



DESCRIPTION	STOCK NO	EACH
Polished Chrome	DIWAAIGA	5.35
Chrome	DB8000E	3.23

(18)

TurboVent

Self-Cleaning Air Admittance Valve. Certified by ASSE to 1050 and 1051.



SIZE	STOCK NO	EACH
1½" PVC	SC25011P	20.90

(16de)

Air Gap

DELTA AIR GAP

To prevent backflow of dishwasher into water systems. Molded polypropylene.



DESCRIPTION	STOCK NO	EACH
Chrome	DE72020	32.62
Arctic Stainless	DE72020AR	36.13
Venetian Bronze	DE72020RB	42.69
Brilliance Stainless	DE72020SS	36.17
Black Matte	DE72020BL	46.31

(21)

Studor PVC Vents

Wisconsin code approved Air Admittance Valve.



DESCRIPTION	STOCK NO	EACH
Mini	ST20341	60.99
Redi	ST20299	29.82
Maxi	ST20342	103.81

Drain, Branch or Stack Size	Vent Size	Max. DFUs on Branch	Max. DFUs on Stack	Studor AAV
1½"	1¼" - 1½"	3	8	Mini
2"	1¼" - 2"	6	24	Mini/Maxi
3"	1½" - 3"	20	72	Mini/Maxi
4"	2" - 4"	160	500	Mini/Maxi

(18)

Pro-Vent Automatic Plumbing Vent



STOCK NO	EACH
PROVENT	3.40

Closets & Urinals



Tank to Bowl Gasket

STOCK NO	EACH
Kohler type	
KIW209	2.66
Sponge Rubber for urinal & water closet flush valves	
KIW208	1.83
Bolt Gasket	
KIW248	.20





Closet Tank to Bowl Bolt Set

STOCK NO	EACH
KIB18	5.99



Sponge Rubber Closet Bowl Cushions

Wide flange with bolt holes.
6¾" O.D. x 3½" I.D.

THICKNESS	STOCK NO	EACH
9/16"	KIG15W	5.00
1"	KIG17W	6.33



Sponge Rubber Closet Bowl Cushions

Ring Type
5⅜" O.D. x 3½" I.D.

THICKNESS	STOCK NO	EACH
9/16"	KIG15	3.66
¾"	KIG16	5.99
1"	KIG17	5.33
Wall Hung Urinal		
N/A	KIG18	5.66

NOTE: *KIG18 is* **NOT** *for use with American Standard, Gerber or Sloan*



Flanged Spud Washers

Black

SIZE	STOCK NO	EACH
1"	KIW316	1.67
1¼"	KIW320	1.17
1½"	KIW321	1.17
2"	KIW322	1.67

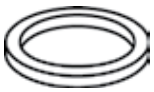
Lavs, Sinks, & Bath



Bath & Basin Stoppers

Heavy C.P. Post and Key Ring

SIZE	STOCK NO	EACH
1¼"	KIS82	.83



Square Cut Slip-Joint Washers

DESCRIPTION	STOCK NO	EACH
1¼"Std/Med	KIW304	.27
1½"Std	KIW305	.27
1½"Med	KIW305A	.33
2" Std	KIW306	.40
1¼ X 1½"	KIW309	.30



W-831A Sink Connection Washer

STOCK NO	EACH
W831A	.40



Neoprene Union Washers

Red Rubber, 3/32" Thick

NO	SIZE	STOCK NO	EACH
W-475 (Oversize)	¾"	KIW475	.50
W-476	1"	KIW476	.50
W-478	1½"	KIW478	.67



Waste & Overflow Washer

Molded Black Rubber.
3⅞2" O.D. x 2⅝" I.D. x 3/16" to 5/64" thick

NO	STOCK NO	EACH
W-501	KIW501	2.26



R60 Faucet "O" Ring Kit

180 "O" Rings in 15 assorted sizes

STOCK NO	EACH
KIR60	15.60



KIW276



KIW285

Beveled Slip-Joint Washers

Dimensions

NUMBER	DIAMETER	HOLE	HEIGHT
KIW276	23/32"	3/8"	3/8"
KIW285	13/16"	5/16"	5/16"

Purpose

KIW276	½" nut, ⅜" tube
KIW285	Ballcock supply for ⅜" O.D. tubing

STOCK NO	EACH
KIW276	.20
KIW285	.30

Watts Backflow Preventers (18)

watts.com

VB-222 Backflow Preventer



Female Hose x Male Hose • ¾"
Self-Draining, breakaway set screw

FINISH	STOCK NO	EACH
Plain Brass	VB222	14.24

Series 8 Atmospheric Type Backflow Preventers



Prevents flow of contaminated water back into potable water supply. Male/female hose threads. For service sinks, pools, wash racks, etc.

No 8
¾", removable

FINISH	STOCK NO	EACH
Plain Brass	WA348	94.73



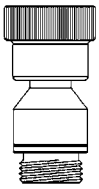
No 8A
¾", non-removable

FINISH	STOCK NO	EACH
Plain Brass	WA348A	125.44

No 8AC
¾", non-removable

FINISH	STOCK NO	EACH
Chrome	WA348AC	153.72

Series N9-CD Backflow Preventers



Hose Connection, Field Testable
"Non-removable" design. No need for break-away set screw. In-line field testable. To prevent high hazard backsiphonage backflow and low-head back pressure(10 ft or less).
Max. pressure: 125 lbs. Max. Temp: 180°F.
Use where indicated by code.
Brass with stainless steel chocks.

SIZE	STOCK NO	EACH
¾" Hose Thread	WA34N9CD	271.01

No. 9D Backflow Preventer



with Intermediate Atmospheric Vent
Brass body with stainless steel working parts, integral strainer and durable rubber discs.

PIPE SIZE	STOCK NO	EACH
IPS		
(Female Union Inlet and Outlet Connections)		
½"	WA129D	163.41
¾"	WA349D	163.42
Sweat		
(Union Sweat End Connections)		
½"	WA129DS	163.41

Series 288A Anti-siphon Vacuum Breakers



For Hot or Cold Water
For high hazard cross connections not subject to continuous pressure - 6" above flood rim.Series. 288A vacuum breakers are designed to prevent back-siphonage of contaminated water into a potable water supply. Maximum temperature 180˚F at 125 lbs. working pressure.

PIPE SIZE	STOCK NO	EACH
Plain Brass		
½"	WA12288A	158.66
¾"	WA34288A	186.08
1"	WA1288A	269.89



Series LF800M4FR Anti-Siphon Pressure Vacuum Breaker

With repeatable built-in relief valve for freeze protection. Allows internal pressure to be relieved as the backflow preventer freezes. Test cocks are positioned at the lowest point to allow ease in draining the body during winterization. 140° Max.

PIPE SIZE	STOCK NO	EACH
¾"	WA34800VB	610.40
1"	1800VB	481.74
1 ¼"	WA114800VB	1543.05
1 ½"	WA112800VB	1689.74
2"	WA2800VB	1745.10

(21)

Bonnet Assembly Kit

For the 1" 800M4, or the ½-1" 800M2

FOR	STOCK NO	EACH
800M4B	WA800M4BRK	81.14

Apollo

apollovalves.com



38-300 Series

Hose Connection Vacuum Breaker, ¾" - Dual Check, Lead Free

FINISH	STOCK NO	EACH
Plain Brass	AP38LF30402	88.58



Series 919-QT RPZ Dual Check Backflow Preventers

PIPE SIZE	STOCK NO	EACH
½"	WA12919QT	640.37
¾"	WA34919QT	842.03
1"	WA1919QT	900.69
1¼"	WA114919QT	1481.22
1½"	WA112919QT	1594.30
2"	WA2919QT	1817.63



919 Series Air Gap

SIZE	STOCK NO	EACH
½" - 1"	WA919AGC	143.76
1¼" - 2"	WA919AGF	158.88



Ball Valve Test Cock

For use with backflow preventers, isolation valve for guages, isolation valves for small equipment lines.

- Full port ball valve design
- Screwdriver slot to open and close

VALVE SIZE	STOCK NO	EACH
⅛" M x ¼" F	WAT1	84.61
¼" M x ¼" F	WAT2	102.83

Series 909EL Vent Elbow



Used with Series 909-AG air gap for connections to ¾" through 1" backflow preventers on vertical installations.

STOCK NO	EACH
WA909ELC	134.90

Below are NOT RPZ Models
They are Double Check Valves

Series 7 Dual Check Backflow Preventers



PIPE SIZE	STOCK NO	EACH
¾"	WA347U22	114.85
1"	WA17U22	120.35



TK-9A RPZ Analog Test Kit

STOCK NO	EACH
WATK9A	848.00

Watts Backflow Preventer Repair Kits (21)

watts.com



909 Series Repair Kits

909 SERIES • 5 Year Rebuild Kits

Size	Mod. #	Stock #
¾ - 1"	None	341RK909RT
1¼ - 2"	None	1142RK909M1RT
1¼ - 2"	M1	1142RK909M1RT
2½ - 3"	None	2123RK909RT
4"	None	4RK909RT

Check Valve #1 Kits

Size	Mod. #	Stock #
¾ - 1"	None	341RK909CK1
1¼ - 2"	None	1142RK909M1CK1
1¼ - 2"	M1	1142RK909M1CK1
2½ - 3"	None	2123RK909CK1
4"	None	4RK909CK1

Check Valve #2 Kits

Size	Mod. #	Stock #
¾ - 1"	None	341RK909CK2
1¼ - 2"	None	1142RK909M1CK2
1¼ - 2"	M1	1142RK909M1CK2
2½ - 3"	None	2123RK909CK2
4"	None	4RK909CK2

Relief Valve Kits

Size	Mod. #	Stock #
¾ - 1"	None	341RK909VT
1¼ - 2"	None	1142RK909M1VT
1¼ - 2"	M1	1142RK909M1VT
2½ - 3"	None	2123RK909VT
4 - 6"	None	46RK909VT

REPAIR KIT #	SIZE	STOCK NO	PRICE
Model 909			
RK909VT	¾ - 1"	341RK909VT	426.92
	1¼ - 2"	Use M1 Series Below	
	2½ - 3"	2123RK909VT	840.20
	4 - 6"	46RK909VT	1787.60
RK909CK1	¾ - 1"	341RK909CK1	268.04
	1¼ - 2"	Use M1 Series Below	
	2½ - 3"	2123RK909CK1	1079.00
	4"	4RK909CK1	1741.78
RK909CK2	¾ - 1"	341RK909CK2	250.02
	1¼ - 2"	Use M1 Series Below	
	2½ - 3"	2123RK909CK2	1036.10
	4"	4RK909CK2	1650.16
RK909RT	¾ - 1"	341RK909RT	176.42
	1¼ - 2"	Use M1 Series Below	
	2½ - 3"	2123RK909RT	770.50
	4"	4RK909RT	1015.64
RK909M1RT	1¼ - 2"	1142RK909M1RT	271.46
RK909M1CK1	1¼ - 2"	1142RK909M1CK1	516.60
RK909M1CK2	1¼ - 2"	1142RK909M1CK2	484.92
RK909M1VT	1¼ - 2"	1142RK909M1VT	788.54

REPAIR KIT #	SIZE	STOCK NO	PRICE
Model 800			
RK800MFRV	1"	1RK800MFRV	84.32

Model 188A/288A

RK188A288AT



SIZE	STOCK NO	EACH
¼ - ⅜"	1438RK188A288AT	37.52
½"	12RK188A288AT	58.72
¾" - 1"	341RK188A288AT	58.72
1¼"	114RK188A288AT	83.10



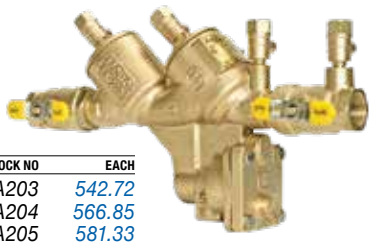
REPAIR KIT #	SIZE	STOCK NO	PRICE
Model 009			
RK009VT	½"	12RK009VT	206.64
	¾ - 1""	341RK009VT	367.46
	1¼ - 2"	1142RK009VT	703.24
RK009CK1	½"	12RK009CK1	89.18
	¾ - 1"	341RK009CK1	140.36
	1¼ - 2"	1142RK009CK1	284.12
	2½ - 3"	2123RK009CK1	1156.00
RK009CK2	½"	12RK009CK2	86.50
	¾ - 1"	341RK009CK2	128.66
	1¼ - 2"	1142RK009CK2	252.94
	2½ - 3"	2123RK009CK2	1120.90
RK009RT	½"	12RK009RT	140.84
	¾ - 1"	341RK009RT	156.44
	1¼ - 2"	1142RK009RT	323.60
	2½ - 3"	2123RK009RT	436.66
Model 009M1			
RK009M1VT	1¼ - 2"	1142RK009M1VT	676.92
RK009M1CK1	1¼ - 2"	1142RK009M1CK1	279.74
RK009M1CK2	1¼ - 2"	1142RK009M1CK2	249.04
RK009M1RT	1¼ - 2"	1142RK009M1RT	250.02
Model 009M2			
RK009M2VT	¾"	34RK009M2VT	259.76
	1"	1RK009M2VT	352.84
	1¼ - 1½"	114112RK009M2VT	478.10
	2"	2RK009M2VT	663.28
RK009M2CK1	¾"	34RK009M2CK1	74.56
	1"	1RK009M2CK1	135.00
	1¼ - 1½"	114112RK009M2CK1	256.84
	2"	2RK009M2CK1	272.92
RK009M2CK2	¾"	34RK009M2CK2	61.64
	1"	1RK009M2CK2	123.30
	1¼ -1½"	114112RK009M2CK2	239.78
	2"	2RK009M2CK2	243.68
RK009M2RT	¾"	34RK009M2RT	149.62
	1"	1RK009M2RT	149.62
	1¼ - 1½"	114112RK009M2RT	232.46
	2"	2RK009M2RT	235.88
Model 009M3			
RK009M3VT	¾"	34RK009M3VT	259.76
RK009M3CK1	¾"	34RK009M3CK1	74.56
RK009M3CK2	¾"	34RK009M3CK2	61.64
RK009M3RT	¾"	34RK009M3RT	156.44
Model 919			
RK919RT	½"	12RK919RT	140.84
	¾"	34RK919RT	149.62
	1"	1RK919RT	156.44
	1¼ - 1½"	114112RK919RT	189.10
	2"	2RK919RT	197.86
RK919CK1	½"	12RK919CK1	89.18
	¾"	34RK919CK1	140.36
	1"	1RK919CK1	140.36
	1¼ - 1½"	114112RK919CK1	256.84
	2"	2RK919CK1	272.92
RK919CK2	½"	12RK919CK2	86.50
	¾"	34RK919CK2	128.66
	1"	1RK919CK2	128.66
	1¼ - 1½"	114112RK919CK2	239.78
	2"	2RK919CK2	243.68
RK919VT	½"	12RK919VT	206.64
	¾ - 1"	341RK919VT	367.46
	1¼ - 2"	1142RK919VT	478.10

Apollo Backflow Preventer (18)

apollovalves.com

(18)

4A Series Backflow Preventers



PIPE SIZE	STOCK NO	EACH
½"	124A203	542.72
¾"	344A204	566.85
1"	14A205	581.33
1¼"	1144A206	1117.22
1½"	1124A207	1145.74
2"	24A208	1314.59

4A Series Reduced Pressure Backflow Preventer

Stainless Steel Body



SIZE	STOCK NO	EACH
2½"	4A20902	3897.10
3"	4A20002	4105.88
4"	4A20A02	5010.55

4A Series Air Gap



SIZE	STOCK NO	EACH
½ - 1"	AGD4A1	87.68
1¼ - 1½"	AGD4A112	107.38
2"	AGD4A2	132.10
2½ - 6"	AGD4A6	152.45

Double Check Backflow Preventers

Stainless Steel Body with grooved monitored butterfly valves



SIZE	STOCK NO	EACH
4"	44ALF10A09	4523.43
6"	64ALF10C09	6541.56
8"	84ALF10E09	12874.35

Vacuum Breaker

Model PVBLF4A - Lead Free

With union-end ball valves.
Maximum Operating Pressure 150 psi
Design Pressure 300 psi
Temperature Range 33°F – 180°F



PIPE SIZE	STOCK NO	EACH
1"	AP14A50502	328.79

Vacuum Breaker

Model PVB4A - Leaded

With ball valve shut-offs.
Maximum Operating Pressure 150 psi
Temperature Range 33°F – 140°F



PIPE SIZE	STOCK NO	EACH
1"	AP1PVB4A505A2F	221.88

Double Check Valves

Model DCLF4A - A Series (Bronze)

Lead Free with ball valve shut-offs.
Maximum Operating Pressure 175 psi
Temperature Range 33°F – 180°F



PIPE SIZE	STOCK NO	EACH
½"	124ALF103A2F	276.33
¾"	344ALF104A2F	313.58
1"	14ALF105A2F	373.88
1¼"	1144ALF106A2F	663.32
1½"	1124ALF107A2F	781.99
2"	24ALF108A2F	988.96

Apollo Backflow Preventer



PIPE SIZE	STOCK NO	EACH
IPS		
½"	AP404A33AM	101.47
¾"	AP404A44AM	101.47
Sweat		
½"	AP404H33HM	101.47

(12)

Apollo Model-CBBP Carbonated Beverage

Backflow Preventer Dual Check with Atmosperic Port



SIZE	STOCK NO	EACH
¼" Flare x Flare	144C10101	149.29
⅜" Flare x Flare	384C10201	149.29

Apollo 4C-100A Series Carbonated Beverage

Backflow Preventer Dual Check with Atmosperic Port



SIZE	STOCK NO	EACH
⅜" Male NPT	384C10202	149.29

Backflow Preventer Repair Kits (21)

www.zurn.com www.apollovalves.com

975 Series RPZ Repair Kit



Complete with rubber & springs.

SIZE	STOCK NO	EACH
¼"-½"	1412RK975XL	110.00
¾"-1"	341RK975XL	124.50
1¼"-1½"-2"	1142RK975XL	251.00

720 Series Vacuum Breaker Repair Kit



Complete with rubber & springs.

SIZE	STOCK NO	EACH
½"-1"	121RK720A	152.00

720A Series Pressure Vacuum Breaker Assembly



Used in high hazard applications for protection and primarily suited for non-potable residential and commercial irrigation systems. A PVB valve with all bronze body and bonnet construction with a maximum water pressure 150 PSI and maximum water temperature 110° F makes it an ideal choice for industrial and commercial applications.

PIPE SIZE	STOCK NO	EACH
¾"	34720A	222.00
1"	1720A	246.00
1¼"	114720A	1060.00
1½"	112720A	1112.00
2"	2720A	1260.00

710 Series Pressure Vacuum Breaker Assembly



Protects against backsiphonage of contaminated water into the potable water supply where a potential high health hazard exists. With fewer parts and a lightweight, compact body, the Zurn Wilkins 710 Pressure Vacuum Breaker Assembly is a low-maintenance, cost-effective solution for high-hazard irrigation applications – commercial or residential. It also features a maximum pressure of 150 psi and a temperature range of 33°F to 140°F.

PIPE SIZE	STOCK NO	EACH
1"	1710	150.00

4A RP Total Rubber Kit



Includes: O-Ring Lubricant, Check Module Seat Disc & O-Ring, Cap O-Ring, RV Diaphragm, RV Brushing Face O-Ring, RV Seat O-Ring, RV Stem O-Ring, and RV Seat Disc.

SIZE	STOCK NO	EACH
½"	124A00309	141.64
¾"	344A00409	141.64
1"	14A00519	141.64
1¼"-1½"	1141124A00719	141.64
2"	24A00819	182.60

(21)

4A Complete Check Kits

DESCRIPTION	SIZE	STOCK NO	PRICE
First Check - Complete			
4A Series	½"	124A00303	114.58
	¾"	344A00403	145.32
	1"	14A00503	147.18
	1¼ - 1½"	114112A00703	184.44
	2"	2A00803	221.72
	2½-3"	4A00003	851.72
	4"	4A00A03	975.86
Second Check - Complete			
4A Series	½"	124A00302	105.48
	¾"	344A00402	137.86
	1"	14A00502	138.84
	1¼ - 1½"	114112A00702	156.54
	2"	2A00802	193.72
	2½-3"	4A00002	780.74
	4"	4A00A02	869.44

(21)

4A Series Complete Relief Kit

SIZE	STOCK NO	EACH
½"-1"	4A00505	139.68
1¼"-1½"	4A00705	167.64
2"	4A00805	223.58
2½"-6"	4A00C05	312.32

(21)

4A Series Rubber Relief Valve Kit

SIZE	STOCK NO	EACH
2½"-6"	4A00C04	223.58

(21)

40 Series RPZ Complete Repair Kit

For discontinued back flow units

SIZE	STOCK NO	EACH
¼"-½"	40003A1	369.66
¾"-1"	40004A1	498.78
1¼"-2"	40007A1	756.94

(21)

40 Series 40RP Repair Kit

Rubber ONLY • For discontinued back flow units

SIZE	STOCK NO	EACH
¼"-½"	40003A4	48.16
¾"-1"	40004A4	136.08
1¼"-2"	40007A4	279.12

Sioux Chief Hammer Arrestors

siouxchief.com



HydraRester™ Water Hammer Arrestors

Designed to keep surge pressure to 150 PSIG or below. Can be installed at any angle , and without access panels. Dual O-ring, PP piston. Certified by ASSE to the ANSI/ASSE 1010 Standard.

SIZE - CONNECTION	STOCK NO	EACH
½" MIP	SC652A	18.95
¾" MIP	SC653B	22.17
1" MIP	SC654C	56.11
1" MIP	SC655D	73.94
1" MIP	SC656E	97.79
1" MIP	SC657F	146.80

Stock No.	Conn. Size	Unit Size	Dimensions Length	Dimensions Width	Fixture Unit Cap.	Cubic Inch Vol.
SC652A	½"	A	6½"	1⅜"	1-11	5
SC653B	¾"	B	8¾"	1⅜"	12-32	7
SC654C	1"	C	11"	1⅜"	33-60	11
SC655D	1"	D	10⅛"	2⅛"	61-113	20
SC656E	1"	E	12⅝"	2⅛"	114-154	29
SC657F	1"	F	15⅛"	2⅛"	155-330	36



660-HB 660-GTR0B 660-GTR1B 660-SB

MiniRester™ Water Hammer Arrestors

- AA Size per the ASSE 1010 standard.
- Perfect for retrofit - installs directly to supply stops for any residential, single-fixture application.
- Do Not use pipe dope or sealant on compression or swivel thread models.
- ½" MSWT model is compatible with press-fitting systems, and all push-fitting systems.

SIZE - CONNECTION	STOCK NO	EACH
¾" Female Swivel Hose Thread x ¾" Male Hose Thread.	SC660HB	19.62
¼" x ¼" Female Comp.	SC660GTR0B	24.75
⅜" x ⅜" Female Comp.	SC660GTR1B	24.75
½" Male Sweat.	SC660SB	13.17



F1807 Pex



F1960 Pex

HydraRester™ Water Hammer Arrestors

- Certified by ASSE to the ANSI/ASSE 1010 Standard.
- Lifetime cycle tested to withstand 10,000 shock cycles.
- Can be installed at any angle, and without access panels.

SIZE - CONNECTION	STOCK NO	EACH
½" F1807 PEX	SC652AX	20.81
¾" F1807 PEX	SC653BX	24.02
1" F1807 PEX	SC654CX	56.11
½" F1960 PEX	SC652AWG	22.94
¾" F1960 PEX	SC653BWG	30.90
1" F1960 PEX	SC654CWG	65.91

Stock No.	Conn. Size	Unit Size	Dimensions Length	Dimensions Width	Fixture Unit Cap.	Cubic Inch Vol.
SC652AX	½"	A	6½"	1⅜"	1-11	5
SC653BX	¾"	B	8¾"	1⅜"	12-32	7
SC654CX	1"	C	11"	1⅜"	33-60	11
SC652AWG	½"	A	6½"	1⅜"	1-11	5
SC653BWG	¾"	B	8¾"	1⅜"	12-32	7
SC654CWG	1"	C	11"	1⅜"	33-60	11

Haymaker Tankless Flow Kit page 1933

Point of Use Water Heaters (18)

navienamerica.com

Navien

Navien NPE Condensing Tankless Water Heaters



Residential Warranty:
15-year Limited Heat Exchanger
5-year Limited Parts
1-year Limited Labor
Commercial Warranty:
3-year Limited Heat Exchanger
3-year Limited Parts
1-year Limited Labor
Advanced Series (NPE240A2)
- Stainless Steel Recirculating Pump
- Stainless Steel Insulated Buffer Tank

GAS	STOCK NO	EACH
Natural Gas/LP	NPE180S2	1377.75
Natural Gas/LP	NPE240S2	1674.75
Natural Gas/LP (Advanced)	NPE240A2	2046.00

Model #	BTU Input Natural/Propane Min	BTU Input Natural/Propane Max	Hot Water Output (GPM) 35°F Rise	Hot Water Output (GPM) 45°F Rise	Hot Water Output (GPM) 67°F Rise
NPE-180	10,000	150,000	8.4	6.5	4.4
NPE-240	13,300	199,900	11.2	8.7	5.6

(22)

NaviLink™ Wi-Fi Control



Allows adjusting water temperatures, access usage data, and receive diagnostic notifications all from using an app from their smartphone or tablet
Compatible with: NPE Water Heaters or NHB and NCB boilers (On page 707)

STOCK NO	EACH
PBCMAS001	222.75

PeakFlowE™ Anti-Scale System



- Scale inhibitor
- Free-installer Inlet Ball Value
- Chemical-free and environment-friendly
- Increases flow rates
- ¾" FNPT inlet/outlet

STOCK NO	EACH
Compatible with: NPE Water Heaters or NCB-E boilers (On page 707)	
PEAKFLOWS	173.25
Replacement Cartridge recommended to change out once every two years	
GWFC110GD	67.65

(22)

Backflow Damper Kit



Includes: Backflow Damper, Ready-link Comm. Cable, 4 Screws, and Installation Manual.
Required for venting up to 8 units

STOCK NO	EACH
30014367B	56.10

Cascading Cable

For use with NPE240ANG Series

STOCK NO	EACH
GXXX000546	24.75

UF Pump Wire

For use with NPE240 and NPE240ANG

STOCK NO	EACH
GXXX001319	18.15

Navien Valves

Plumb-Easy 3 Valve Set



Includes:
- 1 Hot Water Ball Valve and Purge/Drain Port
- 1 Cold Water Ball Valve and Purge/Drain Port
- 1 Recirculation Ball Valve and Purge/Drain Port
- 1 150 psi Pressure Relief Valve certified to ANSI Z21.22

For NPE-A Series • 3/4" Union x FTP

STOCK NO	EACH
GXXX002140	153.45

NaviCirc Recirculation Valve



Reduce the wait time for hot water at the faucet without the need for a dedicated recirculation return line.
- NaviCirc Recirculation Valve
- (2) ½" x ⅜" Flexible hoses & adapters

For NPE-A Series • 1/2" NPS
Must use 30022163A (Above) If used for NPE240ANG

STOCK NO	EACH
30022965A	79.20

Tankless Water Heater Valve Kit with Relief Valve



FIPT Union x Press Connection. Designed to work with all brands of tankless water heaters.

SIZE	STOCK NO	EACH
¾" Press	462NL06KIT	76.29

Ready-Link Manifold Wall/Rack Kits



Included in varying quantities based on kit:
- ¾" x ¾" Adapter
- ¾" NPT Ball Valve
- 1½" Gas Union
- 2" Copper End Cap
- 2" Copper Coupling
- 2⅛" Strut Clamp
- Hardware Kit
- ¾" Service Valves with PRV
- 1⅝" x 18" Strut Channel (14ga)
- ¾" x 24" SS Corrugated Flex Connector
- ¾"x 30" Gas Flex Connector
- ¾"" x 18" SS Corrugated Flex Connector
- 1½" FPT Galvanized Iron End Cap
- 1⅞" OD Strut Clamp

UNITS	CONFIGURATION	STOCK NO	EACH
2	Side by Side	30019040A	1585.65
2	Back to Back	30019039A	1430.55
3	Side by Side	30019041A	2244.00
4	Side by Side	30019043A	2729.10
4	Back to Back	30019042A	2417.25
Ready-Link Rack			
Base		GFFMKDIZUS005	495.00
Add-on Section		GFFMKDIZUS006	343.20

NPE Remote Control



STOCK NO	EACH
NPE-2 & NPN Series	
30022717B	97.35

IBC Intergas



SFT Superflow Tankless Water Heater

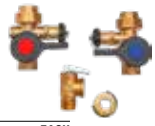
15-year Limited Residential heat exchanger
5-year parts warranty.
A total of 4 moving parts
Easy to install, maintain and service
Sleek wall mounted space saving design
New illuminated touchscreen control display panel
Built-in mixing valve prevents temperature change
- Proven patented Labyrinth heat exchanger
- Innovative state of the art electronics control the gas valve, fan and ignition
- Fully integrated copper waterway
- Fully condensing one piece heat exchanger
- Up to 5.2 GPM continuous at a 70°F rise
- Low NOX emissions
- Vents with PVC - 3" Schedule 40
- ¾" NPT Cold Water Inlet and Hot Water Inlet
- ¾" NPT Gas Inlet
- ¾" Hose Condensate Outlet
- 17.7"W x 29.8"H x 10.9"D

GAS	STOCK NO	EACH
Natural Gas/LP	SFT199	1668.88

Model #	BTU Input Natural gas Min	BTU Input Natural gas Max	Hot Water Output (GPM) Min. Flow	Hot Water Output (GPM) Max Cap @50°F	Temp. Range
SFT199	28,500	199,000	.5	7.2	50-140°F

POU Water Heater Accessories

Plumb-Easy Valve Kit



For All Tankless Water Heaters, NCB-H & NFC-H
3/4" FIP swivel x 3/4" sweat

STOCK NO	EACH
GXXX002139	117.15

(22)

ZEP-1 Stainless Steel Expansion Tank and Shock Arrester



- For use with Tankless/POU Water Heaters with 2 gallons or less of total water volume
- Tank has a 50 PSI factory precharge
- Air charge can be adjusted, Max 150 PSI
- NSF61 Certified, Max Temp 140°F
- ½" NPT Water Connection

STOCK NO	EACH
ZEP1	43.28

Point of Use Water Heaters (18)

Eemax
eemax.com

Electric Mini Tank Water Heaters



- Point-of-use heating eliminates long hot water pipe runs
- Compact design fits almost anywhere for an easy installation
- Adjustable temperature control knob, temperature range 50°F - 140°F

1 Phase • 120V • Max Water 150 PSI

GALLON	STOCK NO	EACH
2.6	EMT25	187.85
3.8	EMT4	217.36
6.1	EMT6	268.17

Model #	Volume in Gallons	Dimensions HxWxD	Recovery Time	Water Connections	T & P Relief Valve
EMT25	2.6	17"x10.91"x10.94"	15 min.	½" NPT	included
EMT4	3.8	18.24"x12.28"x12.65"	24 min.	½" NPT	included
EMT6	6.1	20.83"x13.86"x14.19"	37 min.	½" NPT	included

HomeAdvantage II® Electric Water Heaters



- For residental single point-of-use or multiple fixtures
- On-demand, consistent, and endless hot water
- Compact design with temperature control from 80°F to 140°F

1 Phase • 240V • Max Water 150 PSI

STOCK NO	EACH
HA011240	291.00
HA018240	453.69
HA036240	911.54

Model #	AMPS	Dimensions HxWxD	UEF	Water Connections	Heat Exchanger
HA011240	46	11.4"x7.9"x3.7"	.92	½" CF	Stainless
HA018240	75	17"x14"x3.635"	.94	¾" NPT	Copper
HA036240	150	17"x21"x3.625"	.94	¾" NPT	Copper

FlowCo™ Tankless Electric Water Heaters



designed for handwashing and other fixed-flow applications. FlowCo delivers endless hot water to a single fixture. All FlowCo models are compact, easily mountable, and feature InfoCue™ technology. Install the unit within two feet of the fixture for best performance.

10¾"H x 5½"W x 3"D • 30 - 150 PSI • ⅜" Comp.

NEW ITEM

TURN ON (GPM)	STOCK NO	EACH
0.3	SPEX3512	221.85
0.4	SPEX4277	225.95
0.4	SPEX48	221.85
0.7	SPEX90	225.95
0.8	SPEX95	221.85

Model #	kW	Voltage	AMP Draw	Circuits x Breaker	Wire Size
SPEX3512	3.5	120V	30	1 x 30	10 AGW
SPEX4277	4.1	277V	15	1 x 15	14 AGW
SPEX48	4.8	240V	20	1 x 20	14 AGW
SPEX90	9.0	277V	33	1 x 35	10 AGW
SPEX95	9.5	240V	40	1 x 40	8 AGW

Bosch
bosch-homecomfort.com

Bosch Greentherm 9000 High Efficiency Water Heater



15-year Limited Residential heat exchanger
5-year parts warranty.

The Greentherm 9000 offers an efficiency rating of EF .99, among the highest energy efficiency available on the market today, and innovative features for easy installation, operation and simple maintenance.

- Top hydraulic connections and bottom flush ports
- Vents with PVC
- Wall-Mounted (Brackets Included)
- ¾" NPT Connections for Gas Inlet, Cold Water Inlet and Hot Water Inlet
- No vent or isolation kit necessary
- Small design for easier, tidier installation 18⁹⁄₁₆"W x 31½"H x 9¹³⁄₁₆"D
- Built-in freeze protection
- Optional Wi-Fi Connection

GAS	STOCK NO	EACH
Natural Gas/LP.	T9800SE199	2085.18

Model #	BTU Input Natural gas Min	BTU Input Natural gas Max	Hot Water Output (GPM) Min. Flow	Hot Water Output (GPM) Max Cap @45°F	Temp. Range
T9800 SE 199	9,000	199,000	.45	8.7	100-140°F

A.O. Smith Residential Water Heaters (19)

hotwater.com





A.O. Smith ENT/ENS/ENL Series

PROLINE 240v Electric Water Heaters

- With Brass Drain Valve and T&P Valve.
- DYNACLEAN™ Diffuser Dip Tube, Dual Element.
- .93 Uniform Energy Factor (UEF).
- 6 year tank/ 6 year parts warranty

MODEL	GALLON CAPACITY	FIRST HOUR RATING GALLONS	JACKET HEIGHT	JACKET DIA.	ELEMENT WATTAGE STD.	STOCK NO	EACH
Tall Models							
ENT-30	*30*	*48*	*46½"*	*19"*	*4500*	*ENT30*	*977.20*
ENT-40	*40*	*53*	*60¼"*	*18"*	*4500*	*ENT40*	*786.80*
ENT-50	*50*	*62*	*60½"*	*20½"*	*4500*	*ENT50*	*897.40*
Short Models							
ENS-40	*40*	*55*	*49¾"*	*20½"*	*4500*	*ENS40*	*786.80*
ENS-50	*50*	*57*	*49¼"*	*23"*	*4500*	*ENS50*	*875.00*
Lowboy Models							
ENL-40	*38*	*50*	*33½""*	*26"*	*4500*	*ENL40*	*1078.00*
ENLB-50	*48*	*60*	*34"*	*26½"*	*4500*	*ENLB50*	*1114.40*

Voltex® AL Smart Hybrid Electric Heat Pump Water Heater with Anti-Leak Technology

Commercial-Grade Residential

Absorb ambient heat from the surrounding air to heat water using a compressor

- Self-contained heat pump unit is integrated into the top of the tank
- Backup electric elements can supplement the heat pump depending on operating mode, environmental conditions and hot water demand
- iCOMM smart connectivity
- Leak protection technology
- Quiet operation
- Flexible design
- Electronic controls
- 10 year limited warranty
- 3.88 Uniform Energy Factor (UEF).



MODEL	TANK CAPACITY IN GALLONS	RATING STORAGE VOLUME	UEF	FIRST HOUR RATING (GALLONS)	HEIGHT	DIAMETER	STOCK NO	EACH
HPTS-50	*50*	*46*	*3.80*	*65*	*63"*	*22"*	*HPTS50*	*2812.60*
HPTS-66	*66*	*67*	*3.70*	*82*	*61½"*	*26½"*	*HPTS66*	*3535.00*
HPTS-80	*80*	*82*	*3.88*	*95*	*69"*	*26½"*	*HPTS80*	*4257.40*

Residential Extended Warranty

(21)

A.O. Smith Extended Warranties

DESCRIPTION	STOCK NO	EACH
For use with Models:		
ENT30-40-50, ENS30-40-50, GCR30-40-50, GCRT40-50, GCRL30-40		
Stage I • 2-Year	*AO9004328105*	*91.00*
Stage I • 4-Year	*AO9004329105*	*140.40*
For use with Models: GPVL50, GPVT40-50, GPVX50L-75L		
Stage II • 4-Year.	*AO9006480105*	*222.08*



A.O. Smith EJC/EJCS Series

PROLINE Specialty Electric Water Heaters

- Compact design, side-mounted plumbing and electrical connections.
- Environmentally-Friendly Non-CFC foam insulation minimizes heat loss.
- CSA certified and ASME rated T&P relief valve.
- Meets Federal energy efficiency standards.
- 6 year tank/ 6 year parts warranty

MODEL	GALLON CAPACITY	JACKET HEIGHT	JACKET DIA.	ELEMENT WATTAGE STD.	STOCK NO	EACH
Compact Models						
EJC-6	*6*	*15¼"*	*14½"*	*1650*	*EJC6*	*508.20*
EJC-6-277	*6*	*15¼"*	*14½"*	*2500*	*EJC6277*	*508.20*
EJC-10	*10*	*18¼"*	*16"*	*1650*	*EJC10*	*698.60*
EJC-10-277	*10*	*18¼"*	*16"*	*1500*	*EJC10277*	*698.60*
EJCS-20	*19*	*24¾"*	*18"*	*2500*	*EJCS20*	*757.40*



A.O. Smith ProLine Mobile Home Direct Gas Water Heater Series 400

Commercial-Grade Residential

- Complies with HUD standards for manufactured housing installation
- Gas control convertible for natural and propane gas
- Side-mounted ¾" cold water inlet
- Direct vent models package with bottom intake air vent Optional ducted air inlet kit for direct vent models
- Green Choice® Gas Burner
- Coregard™ anode rod
- Blue Diamond® Glass Coating
- Enhanced-flow brass drain valve
- CSA certified and ASME rated T&P relief valve
- 6 year limited tank/ 2 year limited parts warranty
- .59 Uniform Energy Factor (UEF).

MODEL	TANK CAPACITY IN GALLONS	FIRST HOUR RATING NATURAL	RECOVERY @90°F RISE	HEIGHT	DIAMETER	VENT OUTLET	STOCK NO	EACH
Natural Gas								
FMDV-30	*30*	*30,000*	*31*	*61"*	*18"*	*3"*	*FMDV30*	*1152.20*
FMDV-40	*40*	*32,000*	*33*	*61¾*	*20"*	*3"*	*FMDV40*	*1297.80*

(21)

Mobile Home Direct Gas Water Heater Roof Jack



This water heater must have a properly-installed draft hood and be connected to a listed roof jack that terminates to the outdoors. The roof jack vent pipe must be secured to the draft hood with sheet metal screws.

LENGTH BETWEEN ROOF & CEILING	STOCK NO	EACH
12" (Non-Adjustable)	*AO100093832*	*366.00*
13"-32" (Adjustable).	*AO100285333*	*396.00*
32"-60" (Adjustable)	*AO100093834*	*596.00*
36"-95" (Adjustable).	*AO100285414*	*738.00*

A.O. Smith Residential Water Heaters (19)

Flammable Vapor Ignition Resistant C-3 Technology™ Water Heaters

hotwater.com



GCR Series ProLine®

Atmospheric Vent Models

- With Brass Drain Valve
- Installed T&P Valve
- DYNACLEAN™ Diffuser Dip Tube
- 6 year tank/ 6 year parts warranty
- Uniform Energy Factor (UEF) for Natural Gas

MODEL NO	UEF	STOCK NO	EACH
Natural Gas			
GCR-40	*.66*	*GCR40N*	*981.40*
GCR-50	*.62*	*GCR50N*	*1230.60*
L.P. Gas			
GCR-40		*GCR40L*	*1037.40*
GCR-50		*GCR50L*	*1286.60*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	Jacket Height W/Diverter	Jacket Dia.	Flue Size
GCR-40	40	40,000	42	61¾"	20"	3 or 4"
GCR-50	50	40,000	43	60¾"	22"	3 or 4"



GCRL Series ProLine®

Atmospheric Vent Models • Short Models

- With Brass Drain Valve
- Installed T&P Valve
- DYNACLEAN™ Dip Tube
- 6 year tank/ 6 year parts warranty
- Uniform Energy Factor (UEF) for Natural Gas

MODEL NO	UEF	STOCK NO	EACH
Natural Gas			
GCRL-40	*.59*	*GCRL40N*	*981.40*
GCRL-50	*.62*	*GCRL50N*	*1367.80*
L.P. Gas			
GCRL-40		*GCRL40L*	*1037.40*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	Jacket Height W/Diverter	Jacket Dia.	Flue Size
GCRL-40	40	40,000	41	51½"	22"	3 or 4"
GCRL-50	50	40,000	43	53¼"	24"	3 or 4"



GCRT Series ProLine®

Atmospheric Vent Models

With Brass Drain Valve
Installed T&P Valve
DYNACLEAN™ Dip Tube
6 year tank/ 6 year parts warranty

MODEL NO	UEF	STOCK NO	EACH
Natural Gas			
GCRT-50	*.61*	*GCRT50N*	*1097.60*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	Jacket Height W/Diverter	Jacket Dia.	Flue Size
GCRT-50	50	50,000	54	60¾"	22"	4"



FCG Series

- With T&P Valve
- 6 year tank/ 6 year parts warranty

MODEL NO	UEF	STOCK NO	EACH
Natural Gas			
FCG-75	*.60*	*FCG75N*	*1954.40*
L.P. Gas			
FCG-75		*FCG75L*	*2010.40*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	Jacket Height W/Diverter	Jacket Dia.	Flue Size
FCG-75	75	76,000	80	61"	26½"	4"

Natural Gas



GCB Series
ProLine® Blanketed Water Heater

Atmospheric Vent Models

- Intelligent Control Logic.
- GREEN CHOICE® gas burner.
- DYNACLEAN™ Dip Tube.
- COREGARD™ anode rod.
- Push-button piezo ignitor.
- Enhanced-flow Brass Drain Valve,
- CSA Certified and ASME rated T&P relief valve.
- 6 year tank/ 6 year parts warranty.

MODEL NO	UEF	STOCK NO	EACH
Natural Gas			
GCB-40	*.65*	*GCB40N*	*1019.20*
L.P. Gas			
GCB-40		*GCB40L*	*1075.20*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	Jacket Height W/Diverter	Jacket Dia.	Flue Size
GCB-40	40	40,000	42	61¾"	18"	3 or 4"



GCG Series
ProLine® Gas Water Heater

Atmospheric Vent Model

- Intelligent Control Logic.
- GREEN CHOICE® gas burner.
- DYNACLEAN™ Dip Tube.
- COREGARD™ anode rod.
- Push-button piezo ignitor.
- Enhanced-flow Brass Drain Valve,
- CSA Certified and ASME rated T&P relief valve.
- 6 year limited tank/parts warranty.

MODEL NO	UEF	STOCK NO	EACH
Natural Gas			
GCG-50	*.62*	*GCG50N*	*1097.60*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	Jacket Height W/Diverter	Jacket Dia.	Flue Size
GCG-50	50	40,000	41	60¾"	21"	3 or 4"

GPHE/GDHE Vertex Series

90% Thermal efficiency
with T&P Valve
6 Year tank/ 6 year parts warranty

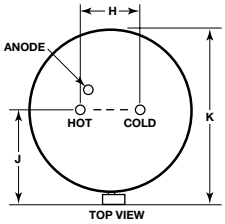


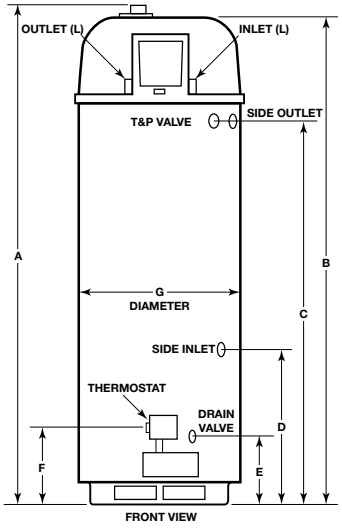
The Vertex provides all the hot water of a larger water heater in a standard 50-gallon footprint. The versatile power-vent design allows combined vertical and horizontal vent runs of up to 128 equivalent feet. the intelli-Vent™ Gas Control gives more precise control of the water temperature.

POWER VENTS USING PVC PIPE
Combined vertical and horizontal vent runs terminating through an outside wall, using Schedule 40 PVC pipe.
- Using 2" pipe, vents up to 25 equivalent feet
- Using 3" pipe, vents up to 65 equivalent feet
- Using 4" pipe, vents up to 128 equivalent feet

MODEL	STOCK NO	EACH
NOT Sealed - Natural Gas (90% Thermal Efficiency)		
GPHE-50	*GPHE50N*	*4237.80*
Sealed - Natural Gas (96% Thermal Efficiency)		
GDHE-50	*GDHE50N*	*5565.00*
GDHE-75	*GDHE75N*	*6760.60*
LP Gas		
GDHE-50	*GDHE50L*	*5761.00*
GDHE-75	*GDHE75L*	*6816.60*

Model #	Tank Capacity in Gallons	Input BTU/Hr Natural	Gal/hr Recovery 90°F Rise*	First Hour Recovery	Height	Side Outlet	Side Inlet	Drain	Dia.
GPHE-50	50	76,000	95	127	71⅛"	52"	21"	9⅛"	22"
GDHE-50	50	100,000	129	-	66¾"	49¼"	15¾"	3"	22"
GDHE-75	75	100,000	129	-	65¼"	45 ⅝"	16"	3¾"	27¾"





Tankless Water Heater

Adapt™ Tankless Water Heater

15-year Limited Residential heat exchanger
5-year parts warranty.



- ENERGY STAR® certified with a UEF of 0.95
- Flexibility in Installation—Field convertible from natural gas to liquid propane; PVC venting flexibility (2" up to 75' & 3" up to 150'); Install indoor or outdoor (outdoor kit sold separately)
- Save up to $116/year on annual operating costs (When compared to a standard 50-gallon atmospheric natural gas tank water heater.)
- Lasts 3x Longer!—with X3® Scale Prevention Tech. provides protection for the heat exchanger.
- Improved Efficiency & Reliability—Patented heavy-duty, stainless-steel heat exchanger features only two weld points and eliminates the need for a secondary heat exchanger
- Reduced Wait Time for Hot Water—Integrated recirculation pump assists in the delivery of hot water quickly (recirculation plumbing from fixture to unit required)
- Expandable for Larger Applications—Cascade up to 12 like heaters when multiple water heaters are required to work in conjunction (cable included)
- Built-in Control Display—Check status, error codes and settings and review up to two (2) recirculating schedules using the built-in display

GAS	STOCK NO	EACH
Natural Gas/LP	*ATHR199X3*	*2235.86*

Model #	BTU Input Natural gas Min	BTU Input Natural gas Max	Hot Water Output (GPM) Max Flow	Hot Water Output (GPM) Continuous Fire	Temp. Range
ATHR-199X3 100	9,000	199,000	10.5	.26	100-140°F

A.O. Smith Residential Water Heaters (19)

hotwater.com



ProLine® XE Series

ENERGY STAR® QUALIFIED

- All models meet the September 2010 ENERGY STAR® EF requirement and may also qualify for local utility and rebate programs
- Dynaclean™ II dip tube optimizes inlet water pressure to minimize cold water regions within the tank. The self-cleaning action also reduces sediment accumulation on the bottom of the tank.
- Hot-surface ignitor is more robust and reliable than standing pilot, and reduces energy consumption
- Built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping
- 2-inch, thick, "Environmentally-Friendly" foam insulation reduces the amount of heat loss and contributes to overall energy efficiency

BLUE DIAMOND® GLASS COATING

- An A. O. Smith exclusive provides superior corrosion resistance compared to the industry-standard glass lining

VERSATILE POWER VENT DESIGN

- All models feature an exclusive 3-position rotatable blower outlet which adds flexibility
- Combined horizontal and vertical vent runs up to 180 equivalent feet with 4" diameter venting (ABS, PVC, CPVC and polypropylene)
- All models are equipped with a protected sensor that detects the presence of flammable vapors and automatically disables the burner to prevent ignition
- Air intake snorkel elevates the inlet location of combustion air to prevent flammable vapors from entering the sealed combustion chamber
- Reduced NOx emissions comply with air quality management district regulations

USER-FRIENDLY

- State-of-the-art electronic gas control provides more precise temperature control
- LED control light displays operation status and diagnostics information
- Factory-installed T&P and a durable, tamper-resistant brass drain valve are positioned for service accessibility

AVAILABLE IN NATURAL GAS AND PROPANE

6-YEAR LIMITED TANK AND PARTS WARRANTY

PROLINE XE
Power Vent Water Heaters

Natural Gas • Hi-Boy

.72 Uniform Energy Factor (UEF).

STOCK NO	EACH
GPVT40N	1951.60
GPVT50N	2112.60
Side Loop Fittings	
GPVX50LN	2157.40
GPVX75LN	2429.00
L.P. Gas • Hi-Boy	
GPVT40L	2007.60
GPVT50L	2168.60
Side Loop Fittings	
GPVX75LL	2485.00

Natural Gas • Lo-Boy

.72 Uniform Energy Factor (UEF).

STOCK NO	EACH
GPVL40N	1951.60
GPVL50N	2112.60
L.P. Gas • Lo-Boy	
GPVL40L	2007.60
GPVL50L	2168.60

PROLINE XE
Direct Power Vent Water Heaters

Natural Gas

.72 Uniform Energy Factor (UEF).

STOCK NO	EACH
GPDT50N	2900.80

L.P. Gas

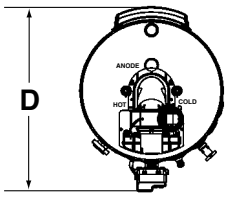
STOCK NO	EACH
GPDT50L	2956.80

XE Series SPECIFICATIONS

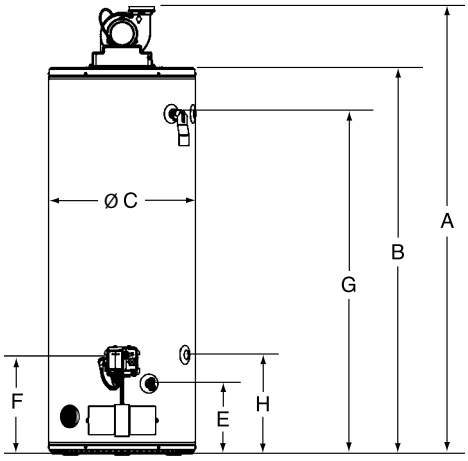
Stock #	1st Hr Gal	UEF	Gal. Cap.	BTU Input	Recovery 90°F Rise	R Value	Dimensions in Inches							Shipping Weight
							A	B	C	D	E	F	G	
GPVT-40	87	.70	40	50,000	56	8	68½"	59¼"	20"	27⅛"	11"	14¼"	53⅛"	176
GPVL-40	72	.67	40	40,000	45	8	59"	49⅝"	22"	29⅛"	11"	14¼"	42½"	174
GPVT-50	97	.72	50	50,000	56	8	68⅛"	58¾"	22"	29⅛"	11"	14¼"	51¾"	192
GPVL-50	79	.72	50	40,000	45	8	60⅛"	50¾"	24"	31⅛"	11"	14¼"	49¾"	198
GPDT-50	81	.72	50	45,000	50	-	67½"	58¾"	22"	29⅞"	11"	13¼"	51¾"	192
GPVX-50L	119	.73	50	62,500	69	16	65"	56¾"	22"	29⅞"	-	13"	50¼"	186
GPVX-75	116	.69	75	72,000	80	12	70⅝"	61¼"	26"	39⅛"	11"	14¼"	53"	277

Maximum Pipe & Elbows

Model #	2" Pipe	3" Pipe	4" Pipe
GPVT40	up to 50'	up to 125'	up to 180'
GPVL40	up to 50'	up to 125'	up to 180'
GPVT50	up to 50'	up to 125'	up to 180'
GPVL50	up to 50'	up to 125'	up to 180'
GPDT50	up to 50'	up to 125'	up to 180'
GPVX50L	-	up to 80'	up to 120'
GPVX75	-	up to 50'	up to 125'



A.O. Smith
Innovation has a name.



Water Leak Detectors

moen.com

tacocomfort.com

MOEN®



(16)

Flo by MOEN

Includes:
- Flo by Moen device
- Threaded brass tailpieces
- Power supply
- Spare O-Rings
- Spacer

Features:
- Mobile App with real time notifications, water usage analysis, and goal setting features.
- Remote shut-off – from the mobile application, user has the ability to shut-off water wherever they are.
- Automatic shut-off – Senses a catastrophic leak in the home and it will automatically shut off the water supply to prevent damage.
- Proactive 24/7 monitoring with preventative alerts.
- Microleak™ technology – daily tests to ensure your plumbing is secure.

Operates on Power Supply.

WATER LINE SIZE	STOCK NO	EACH
¾"	MO900001	634.20
1"	MO900006	692.36
1¼"	MO900002	1038.60

Taco Comfort Solutions



(24)

LeakBreaker® Water Heater Shut-Off

Consists of a control unit, a valve with actuator and a sensor. This resettable, testable protection device can be installed on any style water heater to shut off the incoming water supply, preventing additional water flow to a damaged water heater. The two-color LED light and audible alarm lets you know the status of LeakBreaker at all times.

Operates on Batteries or Power Supply.

STOCK NO	EACH
TALB075	211.70

(24)

SmartPlug® Instant Hot Water Control



The patented SmartPlug lets you upgrade any existing hot water recirculation pump with a power cord to "Smart" operation which can save up to 12,000 gallons of water per year by eliminating wait time for hot water. Connect to 110V power outlet then plug the ciculator power cord into SmartPlug and the sensor (included)mounts to the hot water pipe supply.

Records daily hot water usage and automatically adjusts circulator run time.

STOCK NO	EACH
TASP115	147.45

RECTORSEAL

rectorseal.com



(18)

TripleGuard Active All-in-One Shutoff

Features:
- Water heater supply line automatic shut off unit
- Leak Detector with 10' cable
- Battery operated (batteries included)
- Audible sound when leak is detected
- Easy installation

Operates on Batteries, No Power Supply.

STOCK NO	EACH
RE97720	271.04

A.O. Smith Commercial Water Heaters (20)

hotwater.com

BT Series

Conservationist®

- Fully Automated Controls with Safety Shutoff
- Green Choice® Gas Burner
- Blue Diamond® Glass Coating



MODEL NO		STOCK NO	EACH
Natural Gas			
BT-60		*BT60N*	*3793.34*

Model	Input BTU/Hr	Recovery GPH 100° Rise	Jacket Height W/Diverter	Jacket Dia	Draft Hood	Approx Gallon Cap
BT60	60,000	58	59¾"	24"	4"	55

BT Series

Conservationist®

- PermaGlas® glass lining prevents tank corrosion
- Small diameters & shorter heights for installation ease
- Handhole cleanout for easy maintenance
- Automatic safety shutoff if pilot is extinguished



MODEL NO		STOCK NO	EACH
Natural Gas			
BT-80		*BT80N*	*5311.19*
BT-100		*BT100N*	*6581.29*

Model	Input BTU/Hr	Recovery GPH 100° Rise	Jacket Height W/Diverter	Jacket Dia	Draft Hood	Approx Gallon Cap
BT80	75,100	73	61⅛"	26½"	4"	74
BT100	75,100	73	68⅝"	27¾"	4"	98

(21)

Leg Kit

For BL & BT Conservationaist® Series

STOCK NO	EACH
AO9006645005	*257.00*

DURA-POWER™ Series

Lowby Models

Designed for use as a recovery heater having its own storage tank and meets the standby loss requirements of the USDE. 208 Volts • 2000 Watts



MODEL NO	STOCK NO	EACH
DEL-6	*DEL6S2K*	*1446.14*
DEL-10	*DEL10S2K*	*1547.85*

Stock No	Gallon Capacity	Height	Diameter	Recommended Fuse/Breaker	Wire Size AWG
DEL6S2K	6	15½"	14¼"	15	14
DEL10S2K	10	18¼"	18"	15	14

(21)

Element Conversion Kits

STOCK NO	VOLTS	WATTS	AMPS	RECOMENDED FUSE/BREAKER	WIRE SIZE AWG	PRICE
AO100109477	*208*	*4000*	*19.2*	*25*	*10*	*110.00*
AO100109480	*208*	*6000*	*28.8*	*40*	*8*	*110.00*
AO100109487	*240*	*4500*	*18.8*	*25*	*10*	*110.00*
AO100109496	*480*	*6000*	*12.5*	*20*	*14*	*110.00*

Light-Service Electric Series

Designed for light duty commercial applications with intermittent hot water loads. Meets the standby loss requirements of the USDE. Two 4.5 kW zinc plated copper sheathed elements. Adjustable from 120° to 181°F. Certified to UL 1453 for commercial electricwater heater. Maximum working preassure 150 PSI.



MODEL NO	STOCK NO	EACH
LTE 80D 250	*LTE80D250*	*1985.60*

Stock No	Gallon Capacity	Height	Diameter	Volts	Watts
LTE 80D 250	80	60½"	24"	277	12200

(21)

LTE80250 Element Conversion Kit

STOCK NO	VOLTS	WATTS	AMPS	RECOMENDED FUSE/BREAKER	WIRE SIZE AWG	PRICE
AO100293212	*240*	*4500*	*18.8*	*25*	*10*	*37.00*

A.O. Smith Commercial Water Heaters (20)

hotwater.com

BTH Cyclone Extra High Efficiency



Commercial Water Heater

94% thermal efficiency, advanced electronic controls, spiral wound flue tube, submerged combustion chamber improves efficiency, glass lined tank, easy installation.

MODEL NO	STOCK NO	EACH
NON-ASME Natural Gas Models		
BTH120	BTH120N	11660.37
BTH150	BTH150N	15865.77
BTH199	BTH199N	14458.75
BTH250	BTH250N	15887.94
BTH300	BTH300N	20493.66
BTH400	BTH400N	22461.40
BTH500	BTH500N	25913.09
NON-ASME LP Gas Models		
BTH199	BTH199L	14510.91
ASME Natural Gas Models		
BTH300	BTH300NA	23698.90
BTH400	BTH400NA	25956.12
BTH500	BTH500NA	28489.79

NSF Approved

Stock Number	Input BTU/Hr	Recovery GPH 100° Rise	Jacket Height (Approx)	Jacket Dia (Approx)	Flue Size	Approx Gallon Cap
BTH120N	125	142	55½"	27¾"	3"	60
BTH150N	150	171	75"	27¾"	3"	100
BTH199N	199	227	75"	27¾"	3"	100
BTH250N	250	273	75"	27¾"	3"	100
BTH300N	300	360	75¼"	33¼"	4"	119
BTH400N	400	480	75¼"	33¼"	4"	119
BTH500N	500	576	75¼"	33¼"	4"	119

Air fill pressure 12 PSI, relief valve pressure 30 PSI. Average system temperature 200° above sizing, based on "average" size system.

Replacement Parts on Page 514

(21)

BTH 3" Concentric Vent Kit

For Models BTH120/150/199/250

SERIES	STOCK NO	EACH
100/101 or 200/300	AO9006328005	160.00

(21)

BTH 6" Concentric Vent Kit

For Models BTH300/400/500

SERIES	STOCK NO	EACH
100/101	AO9006144005	970.00
200/300	AO9008841005	928.00

HW Series



Burkay Copper Coil Boilers

- Copper Heat Exchanger
- Copper coil combustion chamber
- Thermal balancer
- Intermittent ignition (HW300-670 only)
- Hi-Lo Firing (HW520 & HW670 only) dual temperature controller (high temp and low temp) and a dual valve to provide high (100% of input) and low (38% of input on HW670; 50% on HW520) firing inputs.
- Models HW300-HW420 are equipped with a modulating valve variable between 100% to 38% of full input.

MODEL	STOCK NO	EACH
Natural Gas		
HW225	HW225MN	8821.48
HW300	HW300N	11898.67
*HW399	HW399N	14499.26
*HW670	HW670N	19081.11

* CSD-1 Control Included

Model #	Input BTU/Hr	Recovery GPH 100° Rise	Jacket Height w/Diverter	Jacket Dia.	Height to Div/Top
HW225	225,000	217	53¼"	20¾"	33⅛"
HW300	300,000	298	65"	25¼"	43¼"
HW399	399,000	392	57⅛"	27"	45⅛"
HW670	670,000	656	68⅝"	27"	56¼"

BTX Cyclone Xi



Commercial Water Heater

96% thermal efficiency, advanced electronic controls, spiral wound flue tube, submerged combustion chamber improves efficiency, glass lined tank, easy installation.

MODEL NO	STOCK NO	EACH
Not Sealed		
BTX-80 (NOT Sealed)	BTX80N	5483.32
Sealed NSF		
BTX-100	BTX100N	7908.76

Stock Number	Input BTU/Hr	Recovery GPH 100° Rise	Jacket Height (Approx)	Jacket Dia (Approx)	Drain	Approx Gallon Cap
BTX80N	76,000	83	70⅝"	22"	3"	50
BTX100N	100,000	116	68½"	22"	3"	50

BTR MasterFit® 80+



Commercial Gas Water Heater

Fully automatic controls with safety shut-off, Glass-lined tank, Foam insulation, Handhole cleanout, Intermittent ignition device, Flame response less than one second, Draft diverter has automatic motorized flue damper minimizes standby losses, Maximum working pressure is 160 psi, Adjustable thermostat with a 120 -180°F range.

MODEL NO	STOCK NO	EACH
Natural Gas		
BTR120	BTR120N	10287.26
BTR154	BTR154N	13071.30
BTR197	BTR197N	10645.86
BTR199	BTR199N	10435.91
BTR250	BTR250N	15218.98
BTR275	BTR275N	15848.82
BTR365	BTR365N	18132.12
BTR400	BTR400N	22653.09
BTR500	BTR500N	25524.50
LP Gas		
BTR197	BTR197L	10698.02

NSF Approved

Stock Number	NG Input BTU/Hr	Recovery GPH 100° Rise	Jacket Height (Approx)	Jacket Dia (Approx)	Flue Size	Approx Gallon Cap
BTR120	120	116	59½"	27¾"	5"	71
BTR154	154	149	66½"	27¾"	6"	81
BTR197	199	193	68⅛"	27¾"	6"	100
BTR199	199	193	65"	30¼"	6"	81
BTR250	250	242	65"	30¼"	6or8"	100
BTR275	275	267	65"	30¼"	6or8"	100
BTR365	365	354	70¼"	27¾"	8"	85
BTR400	399	387	67½"	30¼"	8"	100
BTR500	500	479	73½"	27¾"	8"	85

(21)

T&P Valve

1" MIP, 4" Probe, CSA rating 500,000 BTUH @ 150 PSI

For Use With BTH, BTN & BTR Series

STOCK NO	EACH
AO9005903205	234.00

(21)

BTR Accessories

NSF Leg kit for BTR (except BTR-197 & 198)

STOCK NO	EACH
AO9003425205	136.00

A.O. Smith Commercial Water Heaters (20)

hotwater.com

Accessories

(21)

Conversion Kits

VENDOR NO	ELEMENT QTY	ELEMENT KW EACH	VOLTAGE	STOCK NO	EACH
100109163	6 Element	4.5KW	208V	AO100109163	483.00
100109164	6 Element	5KW	208V	AO100109164	483.00
100109169	9 Element	4KW	208V	AO100109169	614.00
100109179	6 Element	3KW	240V	AO100109179	483.00
100109176	6 Element	4.5KW	240V	AO100109176	483.00
100109194	6 Element	3KW	480V	AO100109194	483.00
100109192	6 Element	5KW	480V	AO100109192	483.00
100109193	6 Element	6KW	480V	AO100109193	483.00
100109197	9 Element	5KW	480V	AO100109197	614.00

*** Items that are stocked at Goodin Co.**

Models Allowed for Conversion	Desired Input		Conversion Kit No. at Desired Voltage			
	Total kW	Element kW	208V	240V	277V	480V
Models with 3 Elements	13.5	4.5	100109158	100109170	100109696	100109185
	15	5	100109159	100109171	100109697	100109186
	18	6	N/A	100109172	100109698	100109187*
Models with 6 Elements	18	3	100109165	100109179*	100109699	100109194*
	24	4	100109166	100109180	100109700	100109195
	27	4.5	100109163*	100109176*	100109701	100109191
	30	5	100109164*	100109177	100109702	100109192*
	36	6	N/A	100109178	100109703	100109193*
Models with 9 Elements	36	4	100109169*	100109184	100109704	100109199
	40.5	4.5	100109167	100109181	100109705	100109196
	45	5	100109168	100109182	100109706	100109197*
	54	6	N/A	100109183	100109707	100109198

A.O. Smith Storage Tanks

Standard Commercial Hot Water Storage Tanks

150 PSI, 2" foam insulated, handhole clean-out, magnesium anodes. 5 year warranty.

GALLON	PSI	SIZE	STOCK NO	EACH
120	150	62" x 29 3/8"	TJV120M	2537.54
175	150	77" x 32"	TJV200M	7224.00
200	125	83" x 36"	TJV200A	7280.48



DRE Series

All DRE stock models are 3-phase and include temperature and pressure relief valves, surface mounted thermostat, energy cut-off device and high temperature cut-off. Each of these heaters can be converted to 6-54KW, to 240 volts, and to single phase.

STOCK NO	EACH
DRE52135K	6186.18
DRE5218K	6280.06
DRE80135K	7878.77
DRE8018K*	7972.66
DRE8036KW	9890.84
DRE12015K	9177.55
DRE12018K	9271.44
DRE12036K	11189.62
DRE12054K	13131.28

* Dual Rated (18/24Kw 208/240V)



Stock No	Tank Cap'y Gallons	Jacket Height	Jacket Dia.	Depth W/Elect Box	Inlet/ Outlet	No. of Elements and Thermostats	Element Wattage	Total KW Input	Volt.	Phase
DRE52135K	50	55¾"	21¾"	27	1¼"	3	4500	13.5	480	3
DRE5218K	50	55¼"	21¾"	27¼"	1¼"	6	3000	18	208	3
DRE80135K	80	60¼"	25½"	31"	1¼"	3	3000	13.5	480	3
DRE8018K	80	59¼"	25¼"	31¼"	1¼"	6	3000	18/24	208/240	3
DRE8036KW	80	59¼"	25¼"	31¼"	1¼"	9	4000	36	208	3
DRE12015K	119	62¼"	29½"	35¾"	1¼"	3	5000	15	208	3
DRE12018K	119	62¼"	29½"	35¾"	1¼"	6	3000	18	208	3
DRE12036K	119	62¼"	29½"	35¾"	1¼"	6	6000	36	480	3
DRE12054K	119	62¼"	29½"	35¾"	1¼"	9	6000	54	208	3

Recovery Rate in Gallons Per Hour Temperature Rise °F

Standard KW Input	BTU/ Hour	30°	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
6	20,478	82	62	49	41	35	31	27	25	22	21	19	18
9	30,717	123	92	74	62	53	46	41	37	34	31	28	26
12	40,956	164	123	98	82	70	61	55	49	45	41	38	35
13.5	46,075	184	138	111	92	79	69	62	55	50	46	43	40
15	51,195	205	154	123	102	88	77	68	61	56	51	47	44
18	61,434	246	184	148	123	105	92	82	74	67	61	57	53
24	81,912	328	246	197	164	140	123	109	98	89	82	76	70
27	92,151	369	276	221	184	158	138	123	111	101	92	85	79
30	102,390	410	307	246	205	176	154	137	123	112	102	95	88
36	122,868	492	369	295	246	211	184	164	148	134	123	113	105
40.5	138,226	554	418	3332	277	237	208	1185	166	151	138	128	119
45	153,585	615	461	369	307	263	230	205	184	168	154	142	132
54	184,302	738	553	443	369	316	277	246	221	201	184	170	158

*Figured at 1 KW (3413 Btu) = 4.1 gallons at 100°F temperature rise.
To determine recovery rate per minute, divide recovery rate per hour by 60.

Standard kW Inputs

kW Input	Model Numbers Tank Capacity in Gallons			Number of Elements	Element Wattage	Full Load Current in Amperes						
						Single Phase				Three Phase		
	50	80	119			208V	240V	277V	480V	208V	240V	480V
6	DRE-52-6	DRE-80-6	DRE-120-6	3	2,000	28.8	25	21.7	12.5	16.7	14.4	7.2
9	DRE-52-9	DRE-80-9	DRE-120-9	3	3,000	43.3	37.5	32.5	18.8	25	21.7	10.8
12	DRE-52-12	DRE-80-12	DRE-120-12	3	4,000	57.7	50	43.3	25	33.3	28.9	14.4
13.5	DRE-52-13.5	DRE-80-13.5	DRE-120-13.5	3	4,500	64.9	56.3	48.7	28.1	37.5	32.5	16.2
15	DRE-52-15	DRE-80-15	DRE-120-15	3	5,000	72.1	62.5	54.2	31.3	41.6	36.1	18
18	DRE-52-18	DRE-80-18	DRE-120-18	3*	6,000	86.5	75	65	37.5	50	43.3	21.7
24	DRE-52-24	DRE-80-24	DRE-120-24	6	4,000	115.4	100	86.6	50	66.6	57.7	28.9
27	DRE-52-27	DRE-80-27	DRE-120-27	6	4,500	129.8	112.5	97.5	56.3	74.9	65	32.5
30	DRE-52-30	DRE-80-30	DRE-120-30	6	5,000	144.2	125	108.3	62.5	83.3	72.2	36.1
36	DRE-52-36	DRE-80-36	DRE-120-36	6*	6,000	173.1	150	130	75	99.9	86.6	43.3
40.5	N/A	DRE-80-40.5	DRE-120-40.5	9	4,500	194.7	168.8	146.2	84.4	112.4	97.4	48.7
45	N/A	DRE-80-45	DRE-120-45	9	5,000	216.3	187.5	162.5	93.8	124.9	108.3	54.1
54	N/A	DRE-80-54	DRE-120-54	9	6,000	N/A	225	194.9	112.5	149.9	129.9	65

*208 volt models may contain three (3) additional elements.

Commercial Water Heaters & Expansion Tanks

Lochinvar Commercial Water Heaters

lochinvar.com



(20)

Copper-Fin® Gas Fired Water Heaters

This highly efficient product combines 82% efficiency with a simple, trouble free design, resulting in unequalled water heater durability, lime scale free operation and fewer service calls. Inlet water 2" NPT and outlet water 2" NPT on 6¼" centers. 120 VAC / 2.5 AMP. 3 year limited warranty on heat exchanger.

BTU/HR	STOCK NO	EACH
199,999	CWN201PM	4605.85
270,000	CWN270PM	5094.35
360,000	CWN360PM	5791.46
399,999	CWN399PM	6046.85
500,000	CWN500PM	8795.96

STOCK NO	BTU/HR	PSI	GPH 100°F Rise	Vent Size	Gas Conn.	Dimensions H x W x D
CWN201PM	201,000	160	193	7"	¾"	29½" x 26½" x 21½"
CWN270PM	270,000	160	268	8"	¾"	29½" x 29½" x 21½"
CWN360PM	360,000	160	358	9"	1"	29½" x 35½" x 21½"
CWN399PM	399,999	160	397	10"	1"	29½" x 44½" x 22"
CWN500PM	500,000	160	497	10"	1"	34½" x 52½" x 22"

Larrs Commercial Water Heaters

laars.com



(20)

Laars Ultra-High Efficiency Water Heater

Commercial Natural Gas Water Heater

- Non-ASME Models
- Installed T&P Valve
- 115 Volt
- Electronic Ignition

MBH	STOCK NO	EACH
60 Gallon Tank		
199,999	UHE60T199E3N	12029.17
100 Gallon Tank		
199,999	UHE100T199E3N	12619.89
250,000	UHE100T250E3N	14008.96
300,000	UHE100T300E3N	17436.50

Model Number	Max. 3" PVC, ABS & CPVC	Max. 4" PVC, ABS & CPVC
UHE-60T-199	80 ft.	130 ft.
UHE-100T-199	100 ft.	150 ft.
UHE-100T-250	80 ft.	130 ft.
UHE-100T-300	60 ft.	110 ft.

GPV 200 Series SPECIFICATIONS

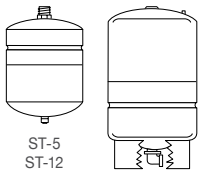
Mfg #	Thermal Efficiency	Gal. Cap.	BTU Input	1st Hour @ 100°F Rise	Recovery 100°F Rise	Demensions in Inches A	B	C	D	E	F	G	H
UHE-60T-199E-3N	92.0	60	199,999	265	223	57"	28¼"	42"	13"	53½"	5"	52½"	40"
UHE-100T-199E-3N	98.5	100	199,999	309	239	77⅝"	28¼"	63"	13"	74¾"	5"	73⅛"	60"
UHE-100T-250E-3N	97.0	100	250,000	364	294	77⅝"	28¼"	63"	13"	74¾"	5"	73⅛"	60"
UHE-100T-300E-3N	92.0	100	300,000	405	335	77⅝"	28¼"	63"	13"	74¾"	5"	73⅛"	60"

Domestic Expansion Tanks

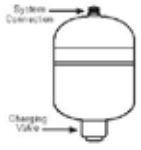
(24)

Therm-X-Trol Pressurized Diaphragm-type Expansion Tank

Use with potable water heaters only, Non-ASME.
Maximum working pressure 150psig.
Maximum working temperature 200°F.



TANK VOLUME	HT X DIA	SYSTEM CONNECTION (NPT)	STOCK NO	EACH
2	12⅝ x 8"	¾"	AMST5	73.84
4.4	13⅜ x 12"	¾"	AMST12	102.28
10.3	20¹/₁₆ x 12"	¾"	AMST25V	343.17
20	31⅝ x 15⅜"	1"	AMST42V	512.87
ST-C Series • ASME, potable water systems				
6.4	18 x 12"	¾"	AMST12C150	1835.59



ST-12C

(24)

Zilmet Thermal & Well Tanks

TANK VOLUME	HT X DIA	SYSTEM CONNECTION (NPT)	STOCK NO	EACH
2.1	11 x 7.9"	¾"	ZEP5	57.10
4.8	13.7 x 10.6"	¾"	ZEP12	77.69
In-line				
9.2	14.6 x 15"	1"	ZHP104IL	200.27
Stand Model				
21.1	23.9 x 17.7"	1"	ZHP202	395.18



Commercial

Universal™ Series



- Space-saving tank design
- 98,000-399,900 BTU/Hr.
- System Sentinel™ LED diagnostics
- Multi-flue tank design

3-Year limited tank warranty

MODEL NO	STOCK NO	EACH
G75-125	G75125	5758.72
G82-156	G82156	6705.92
G91-200	G91200	7038.72
G100-200	G100200	7166.72
G100-250	G100250	8523.52
G100-270	G100270	8702.40
G65-360	G65360	10021.12
G100-400	G100400	14334.72

Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	Shipping weight
G75125	75	65½"	26¼"	125,000	480 lbs.
G82156	82	68 13/16"	26¼"	156,000	490 lbs.
G91200	91	76 5/16"	26¼"	199,900	600 lbs.
G100200	100	73 1/16"	30¼"	199,900	780 lbs.
G100250	100	73¼"	30¼"	250,000	795 lbs.
G100270	100	73⅞"	30¼"	270,000	805 lbs.
G65360	65	70 11/16"	26¼"	360,000	640 lbs.
G100400	100	76"	30¼"	399,900	770 lbs.

Medium Duty Series



- Compact design for tight retrofit applications
- Patented technology & anode rods
- CSA/ASME rated T&P valve
- 48 to 100-Gallon Capacities

3-Year limited tank warranty

MODEL NO	STOCK NO	EACH
G50-60N	G5060N	3631.49
G75-75N-3	G7575N3	5116.16
G100-80	G10080	3710.40

Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	Shipping weight
G5060N	48	61¾"	21¾"	60,000	150 lbs.
G7575N3	75	64"	26¼"	75,100	320 lbs.
G10080	100	69⅝"	28¼"	80,000	410 lbs.

Triton® Heavy Duty SU Series



- Built in Smart Monitoring Technology
- Integrated Wi-Fi with App
- Leak Detection System
- Replace Any Brand with Easy Retrofit Features

3-Year limited tank warranty

MODEL NO	STOCK NO	EACH
GHE80SU-130	GHE80SU130	10176.77
GHE100SU-160	GHE100SU160	12591.49
GHE100SU-200	GHE100SU200	12748.29
GHE100SU-250	GHE100SU250	13995.52
GHE100SU-300	GHE100SU300	14949.12
GHE100SU-400	GHE100SU400	16395.52
GHE119SU-500	GHE119SU500	23286.14

Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	Thermal efficiency
GHE80SU130	80	67⅞"	26⅜"	130,000	98%
GHE100SU160	100	77"	26⅜"	160,000	97%
GHE100SU200	100	77"	26⅜"	199,900	97%
GHE100SU250	100	77"	26⅜"	250,000	96%
GHE100SU300	100	77"	26⅜"	300,000	96%
GHE100SU400	100	77"	26⅜"	399,900	95%
GHE119SU500	119	78¼"	32¼"	499,900	95%

Electric Light Service Series



- 277 voltage, delivers water up to 181° F
- Simultaneous wiring, single phase
- A surface mounted thermostat automatically cycles on and off

6-Year limited tank warranty

MODEL NO	STOCK NO	EACH
ELD80-D	ELD80D	2137.60

Stock No	Gallon Capacity	Height	Diameter	Max Watts	Shipping weight
G5060N	80	59"	24½"	12,100	200 lbs.

Residential Professional Ultra Series Hybrid Electric Water Heater Gen 5



- Up to 4.0 UEF reduces operating cost
- Save up to $480 per year in energy cost
- 4x More efficient than a standard electric tank
- Energy Star® rated
- 30 Amp without LeakGuard

10-Year limited tank and parts warranty

MODEL NO	STOCK NO	EACH
PROUH50 T2 RU375-30	PROUH50	2458.40
PROUH65 T2 RU375-30	PROUH65	3087.00
PROUH80 T2 RU375-30	PROUH80	3712.80

Stock No	Gallon Capacity	Height	Diameter	UEF First Hour Rating	UEF
PROUH50	50	61¾"	22¼"	67 GPH	3.88
PROUH65	65	64 3/16"	24¼"	75 GPH	4.05
PROUH80	80	74 3/16"	24¼"	87 GPH	4.07

Leak Sensor for Hybrid Electrics



Gen 5 Shut Off Valve Kit

STOCK NO	EACH
SP21111	267.28

Ruud Storage Tanks



Standard Commercial Hot Water Storage Tanks

- Porcelain enamel lined tank
- ASME construction available
- 2" rigid foam insulation
- Baked enamel steel jacket

GALLON	PSI	SIZE	STOCK NO	EACH
115	150	59¼" x 28¼"	ST120	2576.00
175	150	67¼" x 32¼"	ST175	5621.50

Professional Achiever Plus® & Ultra™ Super High Efficiency Water Heaters

NEW ITEM



- Up to .89 UEF reduces operating cost
- ENERGY STAR® rated
- Easy front access to connections and components
- LCD Display with integrated diagnostics

MODEL NO	STOCK NO	EACH
Natural Gas • 8-Year limited tank & parts warranty		
PROU G50-50U RU HE EC1	PROG5050URUHEEC1	2690.80
Natural Gas • LeakSense • 12-Year limited tank & parts warranty		
PROU G50-100U RU HE EC3	PROUG50100RUHEEC3	5555.20
PROU G75-100U RU HE EC3	PROUG75100RUHEEC3	6202.00

Make & Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	UEF
Achiever Plus • PROG5050URUHEEC1	50	65½"	21¾"	50,000	.88
Ultra • PROUG50100RUHEEC3	50	65½"	21¾"	100,000	.89
Ultra • PROUG75100RUHEEC3	75	64½"	26¼"	100,000	.88

RUUD Residential Water Heaters (19)

ruud.com

Achiever® Atmospheric Gas Series



- .58 - 64 UEF
- Eco-friendly burner, low NOx design
- 40 and 50 gallon capacities

6-Year limited tank & parts warranty

MODEL NO	STOCK NO	EACH
Natural Gas		
PROG40-38N RU62	PROG40N	964.60
PROG50-38N RU60	PROG50N	1094.80
PROG40-40N RU62	PROG4040NRU62	985.60
PROG50-40N RU62	PROG5040NRU62	1115.80
PROG40S-40N RU62	PROG40S40NRU62	1034.60
PROG50S-40N RU61	PROG50S40NRU61	1457.40
Propane		
PROG40-36P RU62	PROG40L	1020.60
PROG50-36P RU60	PROG50L	1059.80
PROG40S-35P RU62	PROG40SL	985.60

Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	UEF
PROG40N (Tall)	40	61½"	19"	38,000	.58
PROG50N (Tall)	50	61¼"	20½"	38,000	.64
PROG4040NRU62 (Tall)	40	63¼"	19½"	40,000	.66
PROG5040NRU62 (Tall)	50	62½"	21½"	40,000	.65
PROG40S40NRU62 (Short)	40	53⅞"	23"	40,000	.58
PROG50S40NRU61 (Short)	50	54¼"	23¾"	40,000	.63
PROG40L (Tall)	40	63¼"	19½"	36,000	.66
PROG50L (Tall)	50	61¼"	20½"	36,000	.64
PROG40SL (Short)	40	53¼"	21⅜"	35,000	.58

Achiever® Power Vent Gas Series



- Induced draft with the Guardian FVIR System
- Flexible venting options up to 100 feet
- 40 and 50 gallon tall and short capacities
- Integrated self-diagnostic system control, thermostat and gas valve
- SCAQMD rule 1121 compliant models available: 10ng/J NOx emissions

6-Year limited tank & parts warranty

MODEL NO	STOCK NO	EACH
Natural Gas		
PROG40-40N RU67 PV	PROG40PVN	2006.20
PROG50-42N RU67 PV	PROG50PVN	2262.40
PROG40S-36N RU67 PV	PROG40S36NRU67PV	2006.20
PROG50S-36P RU67 PV	PROG50S36NRU67PV	2262.40
Propane		
PROG40-36P RU67 PV	PROG40PVL	1897.00
PROG50-42P RU67 PV	PROG50PVL	2318.40
PROG40S-32P RU67 PV	PROG40S32PRU67PV	1897.00
PROG50S-32P RU67 PV	PROG50S32PRU67PV	2132.20

Stock No	Gallon Capacity	Tank Height	Diameter	Input BTU/H	UEF
PROG40PVN (Tall)	40	66¼"	19¾"	40,000	.69
PROG50PVN (Tall)	50	65½"	21¾"	42,000	.68
PROG40S36NRU67PV (Short)	40	51¼"	21¾"	36,000	.65
PROG50S36NRU67PV (Short)	50	51¾"	23¾"	36,000	.70
PROG40PVL (Tall)	40	66¼"	19¾"	36,000	.69
PROG50PVL (Tall)	50	65½"	21¾"	42,000	.68
PROG40S32PRU67PV (Short)	40	51¼"	21¾"	32,000	.65
PROG50S32PRU67PV (Short)	50	51¾"	23¾"	32,000	.70

Achiever® Heavy Duty Power Vent Gas Series



- Induced draft with the Guardian FVIR System
- Flexible venting options up to 100 feet
- 60 and 75 gallon tall and short capacities
- Integrated self-diagnostic system control, thermostat and gas valve

8-Year limited tank & parts warranty

MODEL NO	STOCK NO	EACH
Natural Gas		
PRO+G75-76N RU PV	PROG75PVN	2626.40
Propane		
PRO+G75-76P RU PV	PROG75PVL	2682.40

Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	UEF
PROG75PVN	75	71⅞"	26¼"	75,100	.59
PROG75PVL	75	71⅞"	26¼"	75,100	.59

Achiever Plus® Heavy Duty Gas Series



- Guardian System™ & sensor
- Low emission
- No matches required
- 75 gallon capacity

8-Year limited tank & parts warranty

MODEL NO	STOCK NO	EACH
Natural Gas		
PRO+G75-76N RU	PROG75N	1881.60
Propane		
PRO+G75-76P RU	PROG75L	1937.60

Stock No	Gallon Capacity	Height	Diameter	Input BTU/H	UEF
PROG75N	75	64"	26¼"	75,100	.61
PROG75L	75	64"	26¼"	75,100	.61

Achiever® Electric Series



- .92 - .93 UEF
- Enhanced-flow brass drain valve
- 38 to 80 gallon capacities

6-Year limited tank & parts warranty

MODEL NO	STOCK NO	EACH
PROE30 T2 RU95 (Tall)	PROE30	842.80
PROE40 T2 RU95 (Tall)	PROE40	768.60
PROE50 T2 RU95 (Tall)	PROE50	865.20
PROE40 M2 RU95 (Medium)	PROE40M2RU95	802.20
PROE50 M2 RU95 (Medium)	PROE50M2RU95	865.20
PROE38 S2 RU95 (Short)	PROE38S	894.60
PROE47 S2 RU95 (Short)	PROE47S	1113.00

Stock No	Gallon Capacity	Height	Diameter	UEF First Hour Rating	UEF
PROE30	30	47½"	19"	44 GPH	.92
PROE40	40	60¾"	19¼"	55 GPH	.93
PROE50	50	58⅝"	20¼"	63 GPH	.93
PROE40M2RU95	40	48¼"	20¼"	55 GPH	.93
PROE50M2RU95	50	48"	23"	62 GPH	.93
PROE38S	38	31½"	23"	51 GPH	.92
PROE47S	47	32"	26¼"	54 GPH	.93

Professional Ultra Electric with LeakGuard Water Heaters



- Designed to protect you home, allow remote temperature control and alert of potential issues
- Smart water heater with built-in leak detection, auto water shutoff valve and WiFi

10-Year limited tank and parts warranty

MODEL NO	STOCK NO	EACH
PROUE50 T2 RU92 CS	PROUE50	1173.20

Stock No	Gallon Capacity	Height	Diameter	UEF First Hour Rating	UEF
PROUE50	50	58⅜"	20¼"	63 GPH	.92

(21)

Water Heater Booster



- Increase deliverable hot water up to 45%
- Compact design with digital user interface
- Dimensions: 8¼" H x 12⅝" W x 3⅝" D
- Adjustable activation temperature 80-130°F
- Adjustable outlet temperature 80-140°F
- Set temperature in increments of 1°F
- Easy installation on new or existing water heater
- No need for additional electrical infrastructure if installed on existing electric water heater. Additional wiring may be required gas tank install.
- Field replaceable element

5-Year heating chamber and 1-year parts limited warranty

MODEL NO	STOCK NO	EACH
RTEX-AB7	RTEXAB7	479.48

Stock No	KW	Volts	Max Amps	Breaker	Water Connections
RTEXAB7	7.2	240	30	1X30 AMP Double Pole	¾" NPT Fittings

BTH Cyclone Replacement Parts (21)

Blower Assembly



STOCK NO	EACH
For 200 Series Models BTH 150-250	
AO100187864	1336.00
For 300 Series Models BTH 199	
AO100271923	1278.00
For 300 Series Models BTH 300-500	
AO100271887	2142.00
Gasket ONLY Burner to Blower Assembly For 300 Series Models BTH 300-500	
AO100187884	49.00
For Commercial Models BTH 100-250	
AO100111050	1287.00

Flame Sensor Rod



STOCK NO	EACH
For Models BTH 120-250	
AO9008868015	132.00
For Models BTH 300-500	
AO9008928015	186.00

Spark Igniter Assembly



STOCK NO	EACH
For Series 200/201, New Part #100191120	
AO9009027005	162.00
For 200 Series Models BTH 300-500	
AO100187881	237.00
For 300 Series Models BTH 120-250	
AO100271888	233.00
For 300 Series Models BTH 300-500	
AO100271889	285.00

Main Control Board

For Models BTH 120-250.



STOCK NO	EACH
AO100312667	321.00

Exhaust/Condensate Elbow Assembly

3" for BTH 120-250. 4" for BTH 300-500.



SIZE	STOCK NO	EACH
3"	AO9008908005	173.00
4"	AO9008909005	137.00

Gas Valve/Venturie Assembly

For Models BTH 120N.



STOCK NO	EACH
AO9008918005	567.00

Gas Valve

For Models BTH 150-250N.



STOCK NO	EACH
AO9008920005	618.00

Blocked Inlet Switch

2.3" for BTH 120, 300-500. For BTH 150-250.



SIZE	STOCK NO	EACH
2.3"	AO9008996015	77.00
N/A	AO9008860015	77.00

Blower Provider Switch

For BTH 120. 1.0" for BTH 150-500.



SIZE	STOCK NO	EACH
N/A	AO9008861015	79.00
1.0"	AO9008904015	79.00

Blocked Outlet Switch

2.0" For Models BTH 120-250N.



STOCK NO	EACH
AO9008905015	77.00

Screw-In Elements



STOCK NO	EACH
1500W 120V HWD Bilingual	
CA02143	8.64
4500W 240V HWD Bilingual	
CA02343	8.66
4500W 240V LWD Foldback Bilingual	
CA02583	12.10
4500W 240V ULWD LimeLife Foldback	
CA02923	27.40

Water Heater Apcom Thermostats

Apcom style universal Water Heater Thermostats. Energy efficient range setting adjustable from 110°F - 160°F. Built-in safety switch to help prevent the water heater from overheating.



STYLE	STOCK NO	EACH
Single Element w/HLC	CA07843	23.40

Thermocouple Kit - 24"

Kit contains a burner access door gasket, #20 Torx-head tool, four torx-head screws, four J-style clip-on nuts and a 24" thermocouple.



STOCK NO	EACH
CA09293	7.03

4" Element Wrench

Zinc plated, fits all screw-in elements (1½" nuts). Works with most screw drivers.



STOCK NO	EACH
CA09943	6.59

Element Socket

Chrome plated, for easy replacement of screw-in water heater elements. Fits standard ½" socket drive.



STOCK NO	EACH
CA09953	16.45

Dielectric Nipples - ¾" NPT

The 2½" dielectric nipple is designed for use in water heater inlet and outlet hook-ups. The ends are ¾" NPT tapered pipe thread, 2½" in length. Sold in a 2-pack.



STOCK NO	EACH
CA10623	8.03

T&P Valves

¾" NPT connection. Up to 150 PSI and/or 210°F.



DESCRIPTION	STOCK NO	EACH
4" Coated Probe	CA10473	19.98

Plastic Water Heater Drain Valve

Reinforced plastic ¾" NPT thread inlet and ¾" NH thread outlet with 2½" shank. Easy grip handle.



STOCK NO	EACH
CA11523	4.88

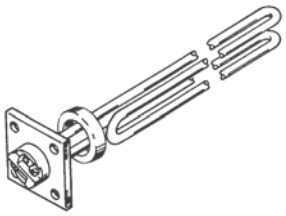
Collapsible Bucket



SIZE	STOCK NO	EACH
3 Gallon	CA42993	15.85

Electric Parts

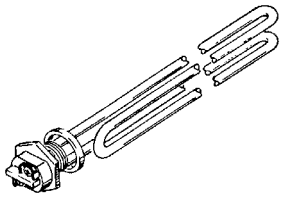
Master-Fit® Electric Heater Flanged Elements



- Lowest practical watt density for size.
- For residential and light commercial use
- Zinc plated for corrosion protection
- Made with forged steel flanges for strength.
- For 2½" bolt-circle-diameter round and square flanges.

WATTAGE	VOLT	STOCK NO	EACH
4500	240	AO2361710	22.35

Master-Fit® Electric Heater Screw-in Elements



- Lowest practical watt density for size.
- Convertible to five different flange types
- For residential and light commercial use
- Zinc plated for corrosion protection
- Made with forged steel flanges for strength.

WATTAGE	VOLT	STOCK NO	EACH
1500	120	AO9004777105	47.00
1650	120	AO9002072005	39.00
2000	120	AO9003947115	50.00
1500	240	AO9002864005	47.00
2500	240	AO9002860115	58.00
2500	277	AO9002890005	53.00
4500	240	4500WSC	27.50
6000	240	AO9003952115	46.00

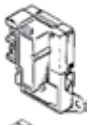
PHOENIX Electric Heater Screw-in Element



- Extreme low density element
- Resists overheating caused by scale, sludge and dry firing.

WATTAGE	VOLT	STOCK NO	EACH
4500	240	AO9003210115	58.00

Single Throw Thermostat



Single pole, single throw, Temp. Range 110˚ to 150˚ F.

USAGE	STOCK NO	EACH
Lower	AO9004714115	26.00

Double Throw Thermostat



Single pole, double throw, with high limit control.

USAGE	STOCK NO	EACH
Upper	AO9004428115	50.00

Rectifier Assembly



LENGTH	STOCK NO	EACH
14"	AO100327350	80.00

Adapter Flange



2½" bolt circle; 1 49/64" centers; most widely used flange design. Includes gasket.

STOCK NO	EACH
AO9004704115	37.00

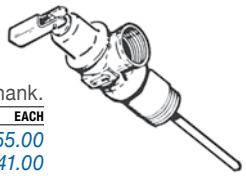
Heat Trap Fittings



(2) ¾" x 3" PEXshield

STOCK NO	EACH
AO9000415015	18.00

Temperature and Pressure Relief Valve



¾", 150 PSI, 210 F, 105,000 CSA, Extended Shank.

SIZE	STOCK NO	EACH
2"	AO9003741005	55.00
3"	AO100108779	41.00

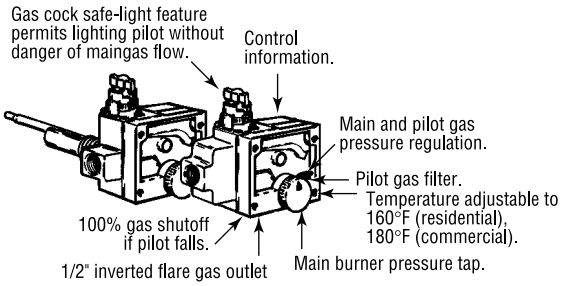
Inlet Tube



Drop-In Dip Tube, 36" Long

STOCK NO	EACH
AO9004938005	24.00

Gas Parts



Gas Water Heater Controls

Residential — 160˚F. Maximum Setting

IMPORTANT:

To select proper gas valve, determine the date of manufacture of water heater according to the serial number. The following examples of water heater serial numbers show how the month and year of manufacture are determined:

850 - J - 77 - 12345
Month* (Sept.) — Year (1977)

AL83 - 12345 - 900
Plant of Mfg. — Month* (Nov.) — Year (1981)

914 - A - C - 83 - 06658
Plant of Mfg. — Month* (March) — Year (1983)

NO5 - M - M - 84 - 12229
Plant of Mfg. — Month* (Dec.) — Year (1984)

***Letter code for month designation:**

A - January	D - April	G - July	K - October
B - February	E - May	H - August	L - November
C - March	F - June	J - September	M - December

TYPE	STOCK NO	EACH
1¼" Shank		
Natural	AO9004703105	265.00
L.P.	AO23808	334.00
*L.P.	AO9003408005	420.00
2½" Shank		
Natural	AO9004353105	273.00

*L.P. Control with Left Hand Threads, for heaters manufactured after 1-1-93

Temperature and Pressure Relief Valves
4" Probe - 105,000 BTU's @ 150 PSI

SIZE	PRES	STOCK NO	EACH
¾"	150#	WA34100XL150	45.18



A.S.M.E. Rated Self-Closing Temperature and Pressure Relief Valves
Temperature Relief 210˚F.

STD. SETTING LBS.	STEAM RATING M.B.H.	SIZE	STOCK NO	PRICE
With Short Thermostat				
150	450	1"	WA140L150	935.12
150	180	¾"	WA3440L150	569.70



Series 174A A.S.M.E. Water Pressure Safety Relief Valves
Bronze body safety relief valves for pressure protection only of all types of hot water heating boiler equipment. Pressure range 30 to 150 lbs. with corresponding high BTU/Hr. ratings from 650,000 to 14,370,000 BTU/Hr. Female inlet and outlet connections.

SIZE	LBS.	M.B.T.U.	STOCK NO	EACH
¾"	30	650	WA34174A30	226.88
¾"	125	2070	WA34174A125	399.30
1"	30	1005	WA1174A30	377.89
1"	100	2635	WA1174A100	1037.09
1"	125	3215	WA1174A125	849.95
1¼"	30	1682	WA114174A30	652.98
1¼"	100	4399	WA114174A100	1639.06
1¼"	125	5370	WA114174A125	1345.74
2"	30	3815	WA2174A30	995.06



Cash Acme VR20 Vacuum Relief Valves
Lead free • CSA Certified • ANSI Z21.22

SIZE	STOCK NO	EACH
½"	22397LF	18.72
¾"	22398LF	19.52

(21)
Shut off valve with HP upgrade
For Hybrid Electric AO Smith

STOCK NO	EACH
AO100345338	199.00



Apollo Pressure Relief Valve
150 PSI

SIZE	STOCK NO	EACH
¾"	AP1740204	52.32

(02)
Dielectric Insulation Kit for 150# Flanges

SIZE	STOCK NO	PRICE
2½"	212INKI	87.27
3"	3INKI	90.02
4"	4INKI	161.06
6"	6INKI	209.88



FVMX Commercial T&P Relief Valves
Temperature Relief 210˚F.
Standard factory pressure relief setting of 150 psi

IN/OUT SIZE	PROBE SIZE	ASME RATING MBTU/HR (150 PSIG)	STOCK NO	PRICE
¾"	5"	1912	232550150	108.32
1"	5"	2155	232760150	138.24
Long Shank				
¾"	5"	1912	206820150	115.84
1"	6"	2155	200590150	144.00



IWTG
Hose Connection Gauge used to test water supply pressures within a distribution system. 0 to 200 PSI Scale. ¾" H.T. Hose connection.

SIZE	STOCK NO	EACH
2½" Dial	IWTG	67.55



Square Commercial Water Heater Pan
16 ga. Galvanized

SIZE	STOCK NO	EACH
20" x 4" deep	20WAHEPA	376.00



IPS Round Water Heater Pans

SIZE	STOCK NO	EACH
Plastic • 2½" deep • 1" x 1½" PVC Drain		
24" ID x 26" OD	IPS86985	16.37
Aluminum • 2⅛" deep • 1" x 1½" PVC Drain		
24" ID x 26" OD	IPS87006	52.38
26" ID x 28" OD	IPS87010	83.66



Model FX Dielectric Union
F.I.P. to Solder

SIZE	STOCK NO	EACH
ASSE 1079 MN Code Approved		
¾ x ½"	12X34FXDIU	32.16
½"	12FXDIU	38.80
¾"	34FXDIU	38.80
1"	1FXDIU	82.66
1¼"	114FXDIU	136.06
1½"	112FXDIU	195.33
2"	2FXDIU	274.08
Gasket for FX Union		
½"	12FXGA	4.06
¾"	34FXGA	4.10



Lead Free
Model HAB Dielectric Union
F.I.P. to F.I.P. With No. 1 Gasket
NOT MN Code Approved

SIZE	STOCK NO	EACH
½"	12HABDIU	49.68
¾"	34HABDIU	49.58
1"	1HABDIU	65.22
1¼"	114HABDIU	102.03
1½"	112HABDIU	139.55
2"	2HABDIU	213.55



Model FB Dielectric Union
M.I.P. to Solder
NOT MN Code Approved

SIZE	STOCK NO	EACH
¾"	34FBDIU	46.05



Model GX Dielectric Flange Union
F.I.P. to Solder

SIZE	STOCK NO	EACH
2½"	212GXDIU	587.15
3"	3GXDIU	803.94
4"	4GXDIU	2123.28



Camco Round Water Heater Pans

SIZE	STOCK NO	EACH
Plastic • 2.63" deep		
24" Diameter	CA11360	9.31
Aluminum • 3" deep		
24" Diameter	CA20833	22.13
26" Diameter	CA20813	26.03



Square Water Heater Pans
Zinc plated steel construction

SIZE	STOCK NO	EACH
24" x 4" deep	CA20922	48.47
30" x 6.25" deep	CA20932	66.56

Oatey Quiet Pipes® Hammer Arrestors



Lead-free, made of copper and include a polypropylene piston with 2 NBR o-rings. ANSI/ASSE1010-2004 certified and approved for install at any angle with no access panel required.

CONN. SIZE	ARRESTOR SIZE	OVERALL HEIGHT	OVERALL WIDTH	STOCK NO	EACH
½" MIP	A	4.76"	1.125"	12PP	16.33
¾" MIP	B	5.39"	1.125"	34PP	19.28
1" MIP	C	6.74"	1.375"	1PP	48.79
1" MIP	E	9.24"	2.125"	112PP	85.04
1" MIP	F	11.23"	2.125"	2PP	127.67

Quiet Pipes Water Hammer Arrestors



- Provides a permanent and affordable solution to water hammer
- Approved for sealed wall installations with no access panel required

STOCK NO	EACH
½" Male Sweat Connection	
OA34498	12.85
Laundry ¾"FSWH x ¾" MH	
OA38600	16.33

Oatey QUIET PIPES® Hammer Arrestors



Quiet Pipes use a piston design to help absorb the water shock in the system to prevent banging within the pipeline

DESCRIPTION	STOCK NO	EACH
A, ½" F1807 PEX	OA34482	17.92
B, ¾" F1807 PEX	OA34493	20.88
C, 1" F1807 PEX	OA34494	47.37
A, ½" F1960 PEX	OA34476	19.74
B, ¾" F1960 PEX	OA34495	26.87
C, 1" F1960 PEX	OA34496	57.33

Sioux Chief Hammer Arrestors See Page 422

26A Watts Water Pressure Regulator



For beverage dispensing equipment, paint spraying, drinking fountains, and range set at 10 psi. Initial pressures up to 300 lbs.

SIZE	STOCK NO	EACH
⅜"	WA3826A	405.47



(21)

Product Preservers™ Powered Anode System

- Quickly adjusts to the local water conditions.
- Built-in LED fault light and audible alarm.
- Standard 120 volt wall outlet.
- Eliminates smelly water caused by sulfate.
- Protects for years; no maintenance required.
- Great for softened water applications.

LENGTH	STOCK NO	EACH
19.96"	AO100305721	254.00



(21)

Flexible Aluminum Anode Rod

3/4" MIP, 1-1/16" Hex Head, Aluminum

DIA.	LENGTH	STOCK NO	EACH
.75"	33-48"	AO9005742105	114.00



(21)

Zinc Aluminum KA-90 Anode Rod

3/4" MIP, 1-1/16" Hex Head, Zinc/Aluminum

DIA.	LENGTH	STOCK NO	EACH
.75"	42"	AO9001453005	83.00



(21)

Water Heater Drain Valve

STOCK NO	EACH
AO9000679015	24.00



Side Mount Runoff Tube

Wisconsin CODE

Can be cut to desired length. Gasket included.

STOCK NO	EACH
SP11955C	8.96



Rough-In ready™ Preformed Copper Tube Water Heater Connector

- Full-Slip ¾" fitting.
- Brass FIP swivel nut includes EPDM gasket.

STOCK NO	EACH
Full-Slip Connector	
SC633312	14.35
Full-Slip Connector with Valve	
SC633312FP	45.62

watts.com



Watts Water Tempering Valves

With replaceable thermostat
Temperature Range 120˚ to 160˚ Fah.
For mechanical use only; NOT for water directly contacting human skin.

SIZE	STOCK NO	EACH
Sweat Connections		
¾"	WA34C70A	384.42
I.P.S. Connections		
¾"	WA3470AT	445.63

NOTE: See page 358 for other mixing valves.



(31)

Cash Acme Thermostatic Mixing Valve Kit

- HeatGuard® Tank Booster
- 140° F Storage Temperature
- Meets ASSE 1017 & 1070 standards.

STOCK NO	EACH
MIX02020LF	165.15



HO30SWHPM



HO40SWHPW

(02)

Quick Stand Suspended Platform

Galvanized Steel Ceiling Mount

STOCK NO	EACH
24" x 24" x 4" • 1¼" Steel Drain Fitting Load Rating; up to 20 Gal. 300 lbs.	
HO30SWHPM	259.81
21¼" x 21¼" x 2½" • 1" PVC Drain Fitting Load Rating; up to 20 Gal. 375 lbs.	
HO40SWHPW	314.76



(02)

Quick Stand 30"

Galvanized Steel Floor Mount

30" x 30" x 16" • Assembly Required.
Load Rating; up to 100 Gal. 1200 lbs.

STOCK NO	EACH
HO40S30U	189.86

Cygna Series

- Demand Competitor Control Series
- Two tank or cabinet models
- Poly Wound Mineral Tank
- Stainless Steel Bypass Included
- Safety Float Assembly

5 year GVEX Warranty



Metered Regeneration

STOCK NO	EACH
Two-Tank Model	
YD24B	*720.85*
YD241B (Wisc.)	*720.85*
YD32B	*773.39*
YD321B (Wisc.)	*773.39*
Cabinet Model	
YCD24B	*750.71*
YCD32B	*810.43*
YCD321B (Wisc.)	*810.43*

Specifications	Two-Tank Models		Cabinet Models	
	YD24+1B	YD32+1B	YCD24	YCD32+1B
Grain capacity	24,000	32,000	24,000	32,000
Lbs. salt / regeneration	12	15	12	15
Max. Raw Water Hardness (grains)	50	75	50	75
Max. Clear Iron/Magn. (ppm)	3	5	3	5
Cation Exchange Resin (cu ft)	.75	1.00	.75	1.00
Mineral Tank (polyglass)	8"x44"	9"x48"	8"x35"	10"x35"
Brine Tank (polyethylene)	18"x33"	18"x33"	11"x11"	11"x11"
Service Flow Rate (gpm)	8	10	8	10
Back Wash Flowrate (gpm)	1.5	2.0	1.5	2.0
Space Required (DxWxH)	18"x26"x51"	18"x26"x51"	18"x26"x51"	18"x27"x55"
Approx. shipping weight (lbs)	88	100	88	100

Standard Two Tank Series

- Eliminates Hardness (Calcium & Magnesium)
- Reduces Iron / Manganese Stains and taste
- Isobar III Control Valve System
- Legacy View Bluetooth Enabled
- Adjustable Cycle Times
- 9 Volt Battery Back-Up
- Two valve bypass with 1" MNPT
- High Flow 1" distributor
- High Capacity Exchange Resin

7 Year GVEX Warranty



Metered Regeneration

STOCK NO	EACH
Two-Tank Model	
DS243	*947.07*
DS323	*1014.27*
DS483	*1105.22*
Cabinet Model	
CD243	*922.88*
CD323	*975.74*

Specifications	Cabinet Models		Two-Tank Models		
	CD24-3	CD32-3	DS24-3	DS32-3	DS48-3
Grain capacity	24,000	32,000	24,000	32,000	48,000
Lbs salt / regeneration	12	15	12	15	24
Max. Raw Water Hardness (grains)	50	75	50	75	100
Max. Clear Iron/Magn. (ppm)	3	5	3	5	5
Cation Exchange Resin (cu ft)	.75	1.0	.75	1.0	1.5
Mineral Tank (polyglass)	9"x35"	9"x35"	8"x44"	9"x48"	10"x54"
Brine Tank (polyethylene)	N/A	N/A	16"x33"	16"x33"	16"x33"
Service Flow Rate (gpm)	8	11	8	10	11
Back Wash Flowrate (gpm)	2.0	2.0	2.0	2.4	3.0
Space Required (DxWxH)	14"x23"x45"	14"x23"x45"	16"x26"x53"	16"x27"x56"	16"x28"x62"
Approx. shipping weight (lbs)	88	100	88	100	133

High Capacity Series

- Eliminates Hardness (Calcium & Magnesium)
- Reduces Iron / Manganese Stains and taste
- Isobar III Control Valve System
- Legacy View Bluetooth Enabled
- 9 Volt Battery Back-Up
- Slide Cover
- Rain Tight Cover Seal
- Two valve bypass with 1" MNPT
- High Flow 1" distributor
- High Capacity Exchange Resin
- Empress Vortech Distributor

7 Year GVEX Warranty



Metered Regeneration

STOCK NO	EACH
Two-Tank Model	
HD333	*1129.86*
HD513	*1230.21*
Cabinet Model	
CHD333	*1071.17*

Specifications	HD33-3	HD51-3
Grain capacity (per tank)	35,000	52,500
Lbs. salt / regeneration	15	24
Underbed "D" Gravel Required (pounds)	20	20
Max. Raw Water Hardness (grains)	75	100
Max. Clear Iron/Magn. (ppm)	5	10
Cation Exchange Resin (cu ft)	1.0	1.5
Mineral Tank (polyglass)	9"x48"	10"x54"
Brine Tank (polyethylene)	16"x33"	16"x33"
Service Flow Rate (gpm)	10	11
Back Wash Flowrate (gpm)	1.2	1.5
Presure Drop @ Rated Service Flow	10 psig	
Working Pressure	125 psig Max./20 psig Min.	
Operating Temp.	120° F Max./33° F Min.	
Space Required (DxWxH)	16"x27"x56"	16"x28"x56"
Approx. shipping weight (lbs)	130	163

Twin Softener with Legacy View

- Legacy View Bluetooth enabled control valve for advanced diagnostics and simplified set up
- Simple 9 volt battery back-up keeps electronic meter active and will motor control valve to shut off position if in regeneration during power failure
- Optional double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- Treated water refill with pre-brine option
- Downflow regeneration
- 12 VDC operation
- Two valve bypass with 1" MNPT Connections
- 5 cycles, all fully adjustable
- Programming ease and options increase efficiency, save salt and water
- Strong, durable Noryl valve body, weather insect resistant onepiece, slide.
- Immediate initiated regeneration
- 24 hour / day soft water
- Limited 5 year warranty



STOCK NO	EACH
IT64VTW	*1610.11*

Twin Demand Specifications	Isobar Twin Models IT64V-WS
Grain capacity (per tank)	27,000
Max. Raw Water Hardness (grains)	75
Max. Clear Iron/Magn. (ppm)	5
Exchange Resin (cu ft)	1
Mineral Tank (polyglass)	(2) 9"x48"
Brine Tank (polyethylene)	16"x33"
Service Flow Rate (gpm)	10
Back Wash Flowrate (gpm)	1.5
Space Required (DxWxH)	16"x34"x56"
Approx. shipping weight (lbs)	169

Modular Replacement Valves

FOR SERIES	STOCK NO	EACH
Metered Valves • LESS Bypass • Fits Stainless Steel Bypass		
Cygna	*WS20563H501LB*	*338.73*
Isobar RS1 (New Style Cabinet)	*WS20016X541LB*	*528.85*
Metered Valves • LESS Bypass • Fits NEW 1" Noryl Bypass		
Isobar III	*WS22943C143LB*	*499.65*
Centuri Iron III	*WS22944C107LB*	*465.91*

WaterSoft inc.

City Soft Series

- Reduces hardness (Calcium & Magnesium)
- Reduces Chlorine and Chloramine taste and odor
- Isobar III Control Valve
- Legacy View Bluetooth Enabled
- Adjustable Cycle Times
- 9 Volt Battery Backup
- Two valve bypass with 1" MNPT
- High Flow 1" distributor
- Mid-Vortech Standard
- 7 Year GVEX Warranty



Metered Regeneration

STOCK NO	EACH
DSC323	1347.14

Twin Demand Specifications	DSC32-3
Grain capacity (per tank)	27,000
Lbs. salt / regeneration	9
Max. Raw Water Hardness (grains)	75
Max. Raw Water Iron (ppm)	5
Activated Carbon Media (cu ft)	.5
Mineral Tank (polyglass)	10"x54"
Gallons Used/Backwash	81
Service Flow Rate (gpm)	5
Back Wash Flowrate (gpm)	2.4
Space Required (DxWxH)	16"x28"x62"
Approx. shipping weight (lbs)	130

Tannin/Hardness Treatment System

- Reduces Hardness (Calcium & Magnesium)
- Reduces Tannin stains, taste & odor
- Isobar III Control Valve System
- Legacy View Bluetooth Enabled
- 9 Volt Battery Back-Up
- Two valve bypass with 1" MNPT
- High Flow 1" distributor
- Vortech Standard
- 7 Year GVEX Warranty



STOCK NO	EACH
DST323	1329.66
DST643	1831.87

Nitrate & Tannin Specifications	DST32-3	DST64-3
Grain capacity	24,000	48,000
Salt Used Reg. (lbs)	12	24
Exchange Resin (cu.ft.)	.75	1.5
Tannin Resin (cu.ft.)	.25	.50
Mineral Tank	9"x48"	12"x52"
Brine Tank	16"x 33"	16"x 33"
Service Flow (gpm)	10	12
Backwash Rate (gpm)	1.3	2.0
Approx. Shipping Wt.	100	164

¾" to 1" Adapters for Isobar III Units on page 520



SharkBite Push-Fit Flexible Hoses

24" Water Softener Hose

SIZE	STOCK NO	EACH
¾" x 1"FIP	34124SBWSC	23.10



Centuri Iron/Sulfer Filter Series

- Isobar III Control Valve System
- Legacy View Bluetooth Enabled
- 9 Volt Battery Back-Up
- Two valve bypass with 1" MNPT
- High Flow 1" distributor
- Empress Vortech Distributor
- Smart Blend™ reduces iron, manganese & sulfur
- Single Tank Aeration can be used with any type of well pump and system

7 Year GVEX Warranty

STOCK NO	EACH
CF103	1031.10
CF133	1307.40



Iron/Sulfur Treatment	CF10-3	CF13-3
Filter Media capacity	1.5	2.5
Mineral Tank	10"x54"	13"x54"
Service Flow (gpm)	5	8
Backwash Rate (gpm)	5.0	7.0
Gallons Used/Backwash	106	146
Approx. Shipping Wt.	145	221

Sidewindr Single Tank Aeration Filter

- Air is injected into the top of the tank converting ferrous iron to ferric iron after untreated water has passed through the control valve preventing the control valve from fouling with iron
- Isobar III Control Valve System
- Legacy View Bluetooth Enabled
- Air draw cycle can be initiated without a backwash cycle
- Two valve bypass with 1" MNPT
- High Flow 1" distributor
- 9 volt battery Back-up
- 7 Year GVEX Warranty



STOCK NO	EACH
SW103	1375.83
SW133	1651.62

Replacement Valve Head, LESS Bypass

WS22015X541	554.16

Sidewindr Specifications	SW10-3	SW13-3
Filtration capacity	1.5 cu. ft.	2.5 cu. ft.
Continuous Flow Rate	5 gpm	8 gpm
Intermittent Flow Rate	7 gpm	10 gpm
Mineral Tank	10"x54"	13"x54"
Space Required	10"x21"x61"	13"x24"x61"
Backwash Flow (gpm)	5.0	7.0
Gallons Used	106	146
Approx. Shipping Wt.	160	254

Ozone Complete

For use with Sidewindr Tank Only

STOCK NO	EACH
OXY03	423.36



G-Series Whole House/Neutralizer

Media Filter

- 1" FNPT Stainless Steel Bypass
- Isobar III Control Valve System
- Legacy View Bluetooth Enabled (Pg. 520)
- 9 Volt Battery Back-Up
- Slide Cover
- Rain Tight Cover Seal
- High Backwash Capacity
- No Chemical Regenerants Needed
- Empress Vortech Distributor Plate
- Port Fill
- 7 Year GVEX Warranty



STOCK NO	EACH
G9ND3	908.54

Chemicals for Softeners and Water Heaters



(00)
Iron Out

DESCRIPTION	STOCK NO	EACH
1⅛ lb. box	118IROU	6.30

Resin Cleaner

DESCRIPTION	STOCK NO	EACH
½ Gallon	WSRK64	61.11
Gallon	T60024	80.64



Res-Up Feeder Kit
For Hi-Capacity

STOCK NO	EACH
WSRK15	20.16

Softener Exchange Resin
1 Cube

STOCK NO	EACH
WSSR100	152.60

1 Cube Neutralizer

STOCK NO	EACH
NE100	71.75

ISO II to ISO III Bypass Kit



NPT Elbow Set

SIZE	STOCK NO	EACH
1"	WS20017X284	11.55



D-15 Bypass Valve

STOCK NO	EACH
WS20017X283	36.96

Water Softener Products



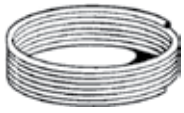
Drain Hose Connection

DESCRIPTION	STOCK NO	EACH
5/8" O.D.	07158	8.53



Iron, Hardness & PH Tester

STOCK NO	EACH
WS2401	110.88

(18)


Drain & Overflow Line
Clear Vinyl Tubing

DESCRIPTION	STOCK NO	EACH
½ I.D. x 100'	12IDCLTU	39.58



Stainless Steel Bypass
Single-Lever Stainless Steel Bypass with female threaded connection.

SIZE	STOCK NO	EACH
¾"	WS20561X270	53.90
1"	WS20561X283	53.90



Shark Skin Jacket
For WaterSoft Water Softeners

SIZE	STOCK NO	PER FOOT
8" x 44"	WSSK8J	39.69
9" x 48"	WSSK9J	40.32
10" x 54"	WSSK10J	42.21



OxyClean for Sidewindr
Injects a peroxide or chlorine solution only during backwash.
Tank Size - 5 Gallons
ONLY models made prior to Sept. 2022

STOCK NO	EACH
OXY08NP	76.86



Low-Salt Sensor
Wireless

STOCK NO	EACH
WSR2014	64.26

Circuit Board, Harness & Motor
For RS1 Softener

STOCK NO	EACH
WS20016X102	205.38



Male Adapter Set
Adjusts 1" to 3/4" for ISOBAR III units

SIZE	STOCK NO	EACH
¾"	WS20017X307	11.55



Piston Assembly
Watersoft Isobar 2 & 3 softener and filters

STOCK NO	EACH
WS20001X231	44.10

AO Smith
Residential Water Conditioners (18)

AOW-S400 & S500
Residential Water Treatment Softening



Designed for durability – protect your home from hard water. Reduce scale buildup, eliminate water spots and stains, extend the life of your appliances and preserve the colors in your favourite fabrics.

- Designed, engineered and built to last:
  patented, slim, single-unit design with bypass valve
- No sediment filter changes – ever:
  safe time and money with the self-cleaning sediment filter
- Power loss protection:
  backup battery safes your settings in case of a power loss
- Fast and quiet regeneration:
  recharges softening media quickly so you don't experience downtime
- Modify settings with touch screen:
  2,7″ monohrome touchscreen controller
- Peace of mind with warranty

STOCK NO	EACH
AOS400	*696.00*
With Wifi (AOS500 Only)	
AOS500	*904.50*

S400 & S500 Specifications	AOS400	AOS500
Grain capacity (per tank)	34,800	49,800
Flow Rate	7 GPM	7 GPM
Min Pressure	20 psi	20 psi
Max Pressure	120 psi	120 psi
Min Temperature	40° F	40° F
Max Temperature	120° F	120° F
Inlet/Outlet	1" MIP	1" MIP
Certifications	Standard 44	Standard 44
Certifier	NSF/ANSI	NSF/ANSI
Max Iron Rating	10 ppm	10 ppm
Space Required (WxH)	28.8" x 32"	28.8" x 39.5"
Warranty: 1 year complete unit, 3 year on electronics, 6 year on valve, 12 year on media tank and cabinet		

Water Filtration Products (18c)

PS5 Replacement Cartridge (45)

R.O. Membrane

For PS5 Series.

STOCK NO	EACH
WCNI104592	163.16

Line Carbon Filter

For PS5 Series.

STOCK NO	EACH
WCNI104803	40.80

Reverse Osmosis Systems





(45)

TFC Reverse Osmosis

3-stage, NSF Certified. Fits under sink. 50 Gallons/day. Input requirements:

- 40 - 125 psi water pressure
- 40 - 110° water temperature
- 4 - 11 pH

STOCK NO	EACH
Compact Drinking Water Appliance	
WSTFC3	338.69
Stage 1 - Prefilter Replacement	
Removes sediment and chlorine	
WSPREGAC	21.42
Stage 2 - Membrane Replacement	
For dissolved solids and impurities	
WSMMTFC	68.67
Stage 3 - Postfilter Replacement	
Reduces tastes and odors	
WSPSTGAC	16.38



Booster Pump

For Reverse Osmosis Systems

STOCK NO	EACH
WSBP3	214.20

Whole House Dirt/Rust Filters



AP217

- Dirt/rust/taste/odor
- Threaded connector
- Fits model AP200

QTY.	STOCK NO	EACH
2	AP217PK	115.80

(08)

Reverse Osmosis Poly Tubing



100' Rolls

SIZE & COLOR	STOCK NO	EACH
1/4" O.D. Red	57005X003	37.87
3/8" O.D. Clear/Frosted	57005X002	61.71

Reverse Osmosis Poly Tubing

Cut to Measure

SIZE & COLOR	STOCK NO	PER FOOT
1/4" O.D. Blue	WSRO100C	.28

PEX Coupling

DESCRIPTION	STOCK NO	EACH
3/4"MPT x 3/4" PEX	ST34PRMAADWS	5.20
1"MPT x 3/4" PEX	ST1PRMAADWS	8.93

Drinking Water System



(18c)

AP-DW8090

- Replacement cartridges for AP-DWS1000
- Sold in set of (2).

STOCK NO	PAIR
APDW8090	183.24



(18)

Drinking Water Faucet

Bar and sink faucet with unbreakable plastic handle—press down for easy flow, lift for continuous flow. 1/2" minimum, 1 7/8" maximum hole required.

STOCK NO	EACH
DWF	37.70

Boshart Filtration (2)

usa.boshart.com

Giant Filter Housing Kit



- Max Pressure Rating: 125 PSI
- Temperature Rating: 39-100°F
- Filter head comes with pressure relief button on inlet side
- Mounting bosses molded in head for installation with mounting bracket
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and bowl wrench

Industry standard cartridges (not included)

INLET/OUTLET	BOWL LENGTH	STOCK NO	EACH
1" NPT	10" Blue	14FHKGB1010	75.52
1½" NPT	10" Blue	14FHKGB1015	82.99
1½" NPT	20" Blue	14FHKGB2015	106.40

Giant Spun Polypropylene Cartridge



Reduce sediment, dirt, rust and particles. 100% melt-blown micron-denier polypropylene fiber.

Fits Giant Filter Housing Kits

SIZE	STOCK NO	EACH
10" (5 Micron Rating)	14GSP105	9.87

Valve in Head Housing Kit



- Max Pressure Rating: 100 PSI
- Temperature Rating: 40-100°F
- Lid features a buttress thread design for superior sealing
- Built in three way valve in head
- Includes mounting bracket & screws, housing wrench

Accepts 10" Filter Cartridges (not included)

INLET/OUTLET	BOWL LENGTH	STOCK NO	EACH
¾" FPT	10" White	PWHIB34WVIH	101.86

PWMB10M5



Reduce sediment, dirt, rust and particles

Fits 10" Valve in Head Housings

DESCRIPTION	STOCK NO	EACH
Nom. 5 micron	PWMB10M5	10.96

PWGAC10



Removes chlorine odor and taste from water.

Fits 10" Valve in Head Housings

STOCK NO	EACH
PWGAC10	21.94

PWOR

O-Rings

HOUSING	STOCK NO	EACH
Valve in Head	PWORSTDHSG	6.58
Full Flow	PWORFFHSG	8.52

Full Flow



1½" Pipe Size

***Filter, Wrench, & Bracket Not Included**

(See PWMB10FFM5 - 10" Filter)
(See PWMB20FFM5 - 20" Filter)
(See PWWRFFHSG - Wrench)
(See PWMBFF1 - Bracket)
Sump Blue, Cap Black PR

HOUSING	STOCK NO	EACH
20"	PWHP20FF15PBR	159.86

PWMB10FF



Reduce sediment, dirt, rust and particles. Food grade for use with beverages, food, and potable water.

Fits Full Flow Housings

SIZE	STOCK NO	EACH
10"	PWMB10FFM5	37.76
20"	PWMB20FFM5	59.22

PWCB10FFP



Top-of-the-line coconut shell Carbon Block filter cartridge for chlorine taste, odor and sediment reduction

Fits Full Flow Housings

STOCK NO	EACH
PWCB10FFP	100.88

Watts Water Filtration (18C)

watts.com/purewater

PWDWUFKC3



Kwik-Change™ Ultra Filtration Membrane Water Filtration System

- Equipped with long reach faucet for easy fill
- Kwik-Change™ cartridges are the fastest changeable cartridges on the market (30-second filter changeout process)
- Connect/disconnect cartridges with ¼-turn
- Installs under sink or in limited space
- Double Seal O-ring cartridges
- No storage tank needed
- Requires only normal line pressure to operate
- Dispenses a continuous supply of water
- Requires minimal maintenance

10" W x 15" H x 4" D - 2000 Gallon Capacity

FAUCET FINISH	STOCK NO	EACH
Nickel	PWDWUFKC3	410.84

***Replacement Filter Kit**

Sediment Filter, Carbon Block Filter & UF membrane

STOCK NO	EACH
PWFPKKCUF	151.08

PWDWHCUC1



Single Stage High Capacity Carbon Filtration System

- Reduces Parasitic Cyst, Sediment, Chlorine Taste and Odors for all the cold water to your faucet
- High Flow 0.5 micron Carbon Block
- 1 year (10,000 gallon) filtration capacity
- Easy Installation ⅜" Quick Connect
- Includes all parts and tubing

5"W x 14.25"H x 3.5"D - 1.6 gpm

STOCK NO	EACH
PWDWHCUC1	254.40

***Replacement Filter Cartridge**

STOCK NO	EACH
PWCBHCUC1	139.86

PWIL Ice Maker Filter



Reduces bad taste/odor, and scale Calcite to balance pH and KDF for inhibiting bacterial growth
¼" FNPT Connections, .75 gpm

STOCK NO	EACH
PWILGACPH10	35.34

PWMB Brackets



Mounting Bracket for Single Housings
Includes housing mounting screws

HOUSING	STOCK NO	EACH
Valve in Head	PWMBSTD1	14.86
Full Flow	PWMBFF1	29.72

PWWR

Filter housing wrenches

HOUSING	STOCK NO	EACH
Valve in Head	PWWRSTDHSG	14.38
Full Flow	PWWRFFHSG	15.84

Water Filtration Products

johnguest.com

John Guest (18)

Speedfit® Poly Push-In Coupling



SIZE	STOCK NO	EACH
1/4" x 1/4"	14PPC	2.28
3/8" x 3/8"	38PPC	3.07
3/8" x 1/4"	38X14PPC	3.14

Speedfit® Poly Push-In Tee



SIZE	STOCK NO	EACH
1/4" x 1/4" x 1/4"	14PPT	3.27
3/8" x 3/8" x 3/8"	38PPT	3.99
3/8" x 3/8" x 1/4"	38X14PPT	4.22

Speedfit® Poly Push-In 90° Male Elbow



SIZE	STOCK NO	EACH
1/4" x 1/4"	14PPFML	2.64
3/8" x 1/4"	3814PPFML	3.47

Speedfit® Poly Male Adapter

Compression x Male Adapter



SIZE	STOCK NO	EACH
1/4" x 1/4"	14PPMA	1.68
3/8" x 1/2"	PI011224S	4.83

Speedfit® Poly Angle Stop Adapter

Compression x Compression x Tube OD



SIZE	STOCK NO	EACH
3/8" x 3/8" x 1/4"	ASVPP1	15.72
3/8" x 3/8" x 3/8"	ASVPP2	16.30

Speedfit® Poly Angle Stop Adapter

Male Female NPS x Compression x Tube OD



SIZE	STOCK NO	EACH
1/2" x 3/8" x 1/4"	ASVPP5LF	25.51
1/2" x 3/8" x 3/8"	ASVPP6LF	26.93

Speedfit® Straight Valve



SIZE	STOCK NO	EACH
1/4" OD	14SFSTV	7.39
3/8" OD	38SFSTV	7.81

Speedfit® Poly Push-In Reducing Coupling



SIZE	STOCK NO	EACH
1" x 3/4"	PEI203628	9.65

Speedfit® Poly Push-In Stem Elbow



SIZE	STOCK NO	EACH
3/4" x 3/4"	PEI222828	5.80

Speedfit® Female Elbow Connector

Hand tighten only for plastic mating threads



SIZE	STOCK NO	EACH
3/4" x 1 1/4"	PSEI63283AEL	21.53

See page 1111 for larger Speedfit sizes

Rusco Sediment Filters (02)

rusco.com

SPIN-DOWN™ Sediment Trapper Filters

- Unique element design traps sediment in lower reservoir of clear cover.
- Clear bowl easily removed for total cleaning (No tools required).
- Flow capacity for entire system.
- Sediment is visible through the clear cover indicating when the filter needs cleaning.
- No down time.
- Centrifuge Spin-Down type sediment separation.
- Reusable polyester and stainless steel filter screen available in many mesh sizes from very fine to very coarse.

MODEL	MESH	STOCK NO	EACH
1" With Valve (1-20 GPM)			
1-100ST	100 Mesh	1100STF	66.48
1½" With Valve (10-50 GPM)			
1½-100ST	100 Mesh	112100STF	83.28

Replacement Screens

STOCK NO	FS1100ST	FS112100ST
Size	1"	1½"
Mesh	100	100
Microns	152	152
Opening	.006"	.006"

STOCK NO	PRICE
FS1100ST	15.82
FS112100ST	38.27

Accessories

SSPGXFIPT

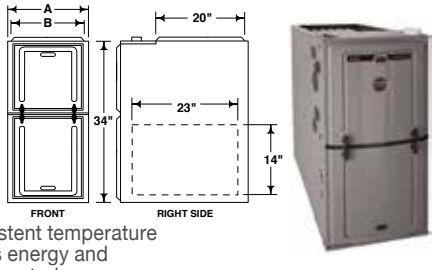
DESCRIPTION	STOCK NO	PRICE
1" Female fitting adapter	1SA	2.93

Ruud High Efficiency Gas Furnaces (25)

ruud.com

U98V *Ultra™* Series

- 98% AFUE ratings
- Input Rates 60 to 115 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System
- Modulating operation provides superior comfort, indoor air quality and consistent temperature
- Variable speed motor saves energy and provides ultimate humidity control



Limited Warranty:

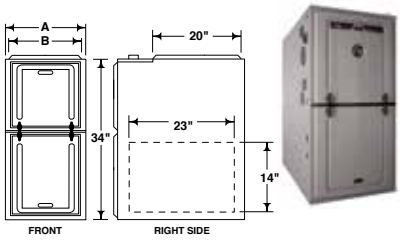
- Conditional Unit Replacement - Limited Lifetime
- Heat Exchanger - Limited Lifetime
- Parts - 10 Years

EcoNet™

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
56	55,000	1050	98.7	17½	16 17/64	U98VB060M317USA	4646.14
70	69,000	1050	98.3	17½	16 17/64	U98VB070M317USA	4851.89
112	110,000	1750	98.6	24½	23 17/64	U98VB115M524USA	6019.40

U96V *Ultra™* Series

- 4-Way Multi-Poise Design
- 96% AFUE ratings
- Input Rates 40 to 115 kBTU
- Two-Stage Variable Speed ECM Motor saves energy and provides ultimate humidity control, quieter sound levels, and year round energy savings
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System



Limited Warranty:

- Conditional Unit Replacement - 10 Years
- Heat Exchanger - Limited Lifetime
- Parts - 10 Years

EcoNet™

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
42	41,000	1050	96.0	17½	16 17/64	U96VA0402317MSA	3585.38
98	95,000	1750	96.0	21	19 45/64	U96VA1002521MSA	4487.53

L.P. Conversion Kits

JD, JE, KD, KG, KM & KN Codes

FOR SERIAL NUMBERS	STOCK NO	EACH
R962V, R96T, U96V Series	FP34	57.96

JR, KA & KU Codes

FOR SERIAL NUMBERS	STOCK NO	EACH
R921T, R921V, R951T, R951V, R92T, R95T Series	FP38	70.47

JZ, KE, KK & KL Codes

FOR SERIAL NUMBERS	STOCK NO	EACH
U97MV, U98MV, U97V, U98VA, U98VB Series	FP37	166.72

L.P. Kit for UGGE, RGFE & RGFG Series

FOR SERIAL NUMBERS	STOCK NO	EACH
UGGE, RGFE, RGFG	FP27	44.41

Zero Clearance Downflow Kit

STOCK NO	EACH
RXGYZK	81.29

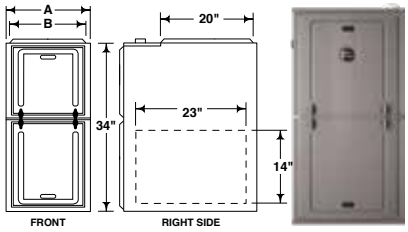
Horizontal left with right vent requires conversion kit RXGY-CK & Zero Clearance kit RXGY-ZK)

Downflow/Horizontal Kit

STOCK NO	EACH
RXGYCK	47.50

R951V Endeavor™ Line Achiever Series

- 4-Way Multi-Poise Design
- 95% AFUE ratings
- Input Rates 40 to 115 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System
- Constant CFM Motor



Limited Warranty:

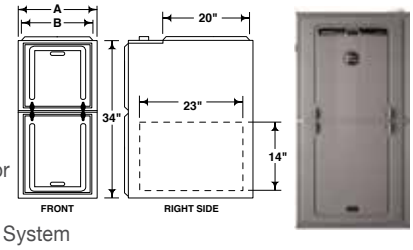
- Conditional Parts - 10 Years
- Heat Exchanger - Limited Lifetime

EcoNet™

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	MAX COOLING CFM	AFUE	A	B	STOCK NO	PRICE
42	39,900	1240	95.0	17½	16 17/64	R951V0403A17M4SCAP	3536.43
56	53,200	1240	95.0	17½	16 17/64	R951V0603A17M4SCAP	3661.13
70	66,500	1240	95.0	17½	16 17/64	R951V0703A17M4SCAP	3838.59
84	79,800	1980	95.0	21	19 49/64	R951V0855A21M4SCAP	4150.30
98	93,100	1980	95.0	21	19 49/64	R951V1005A21M4SCAP	4380.55
112	106,400	1980	95.0	24½	23 17/64	R951V1155A24M4SCAP	4698.22

R96T *Achiever Plus®*

- 4-Way Multi-Poise Design
- 96% AFUE ratings
- Input Rates 40 to 115 kBTU
- Two-Stages Constant Torque Electrically Commutated Motor
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System



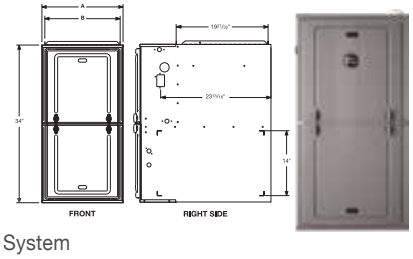
Limited Warranty:

- Conditional Parts - 10 Years
- Heat Exchanger - Limited Lifetime

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
42	41,000	1102	96.0	17½	16 17/64	R96TA0402317MSA	3982.94
60	55,000	1253	96.0	17½	16 17/64	R96TA0602317MSA	4269.39
70	68,000	1141	96.0	17½	16 17/64	R96TA0702317MSA	4383.22
70	68,000	1750	96.0	21	19 49/64	R96TA0702521MSA	4589.49
85	82,000	1898	96.0	21	19 49/64	R96TA0852521MSA	4795.80
100	95,000	1745	96.0	21	19 49/64	R96TA1002521MSA	4954.05
115	109,000	1765	96.0	24½	23 17/64	R96TA1152524MSA	5176.53

R951T Endeavor™ Line Classic Series

- 4-Way Multi-Poise Design
- 95% AFUE ratings
- Input Rates 40 to 115 kBTU
- Single-Stage Constant Torque Motor
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System



Limited Warranty:

- Conditional Parts - 10 Years
- Heat Exchanger - Limited Lifetime

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
42	39,900	1144	95.0	17½	16 17/64	R951T0403A17M4SNAS	3360.30
60	53,200	1331	95.0	17½	16 17/64	R951T0603A17M4SNAS	3485.03
70	66,500	1312	95.0	17½	16 17/64	R951T0703A17M4SNAS	3662.48
85	79,800	1974	95.0	21	19 49/64	R951T0855A21M4SNAS	3974.19
100	93,100	1914	95.0	21	19 49/64	R951T1005A21M4SNAS	4204.42
115	106,400	1799	95.0	24½	23 17/64	R951T1155A24M4SNAS	4522.09

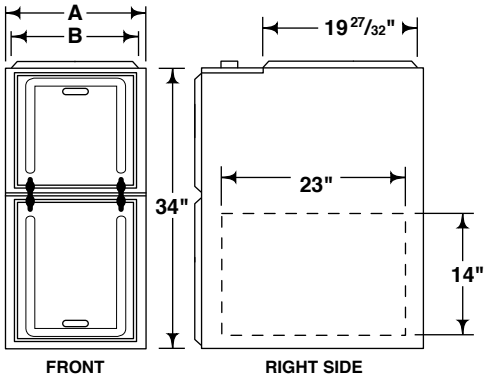
R92T *Achiever Plus®*



- 4-Way Multi-Poise Design
- 92% AFUE ratings
- Input Rates 40 to 115 kBTU
- Constant Torque Electrically Commutated Motor
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System

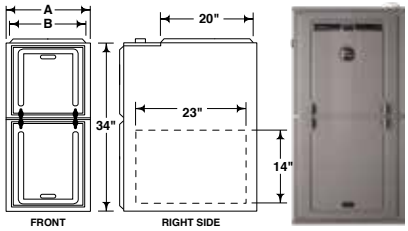
Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - Limited Lifetime

INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	STOCK NO	PRICE
84,000	82,000	1833	92.0	R92TA0851521MSA	2798.73
98,000	95,000	1975	92.0	R92TA1001521MSA	2936.12
112,000	108,000	1748	92.0	R92TA1151524MSA	3301.78



Model	A	B
040	17½	16 17/64
060	17½	16 17/64
070	17½	16 17/64
085	21	19 49/64
100	21	19 49/64
115	24½	23 17/64

R95T *Achiever®*

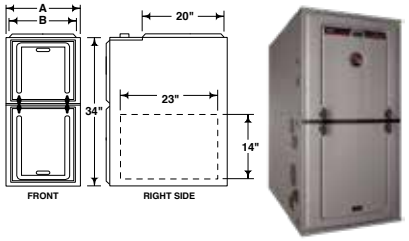


- 4-Way Multi-Poise Design
- 95% AFUE ratings
- Input Rates 40 to 115 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System
- Constant Torque ECM Motor

Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - Limited Lifetime

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
42	41,000	1239	95.0	17½	16 17/64	R95TC0401317MSA	2722.91
98	95,000	1975	95.0	21	19 49/64	R95TC1001521MSA	3406.90

U98MV Endeavor™ Line Ultra™ Series



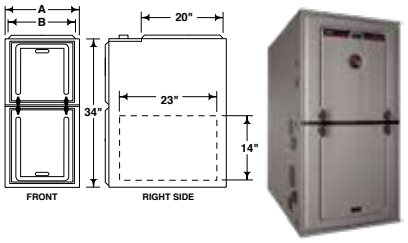
- Upflow Only
- 98% AFUE ratings
- Input Rates 60 to 115 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System
- Modulating Heating Stage
- Constant CFM Motor
- EcoNet® Enabled Furnace

Limited Warranty:
- Conditional Unit Replacement - Limited Lifetime
- Heat Exchanger - Limited Lifetime
- Parts - 10 Years

EcoNet™

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
56	55,000	1050	98.7	17½	16 17/64	U98MV0603A17UPSGAP	5733.77
70	69,000	1050	98.3	17½	16 17/64	U98MV0703A17UPSGAP	5987.65
84	83,000	1750	98.1	21	19 49/64	U98MV0855A21UPSGAP	6619.42
98	97,000	1750	98.1	21	19 49/64	U98MV1005A21UPSGAP	6944.14
112	110,000	1750	98.6	24½	23 17/64	U98MV1155A24UPSGAP	7428.47

U97MV Endeavor™ Line Ultra™ Series



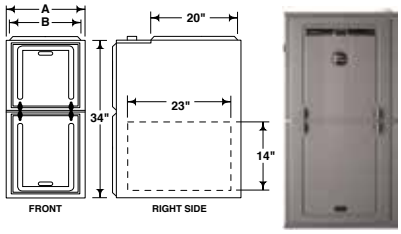
- Downflow/Horizontal
- 97% AFUE ratings
- Input Rates 60 to 115 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System
- Modulating Heating Stage
- Constant CFM Motor
- EcoNet® Enabled Furnace

Limited Warranty:
- Conditional Unit Replacement - Limited Lifetime
- Heat Exchanger - Limited Lifetime
- Parts - 10 Years

EcoNet™

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
56	55,000	1050	97	17½	16 17/64	U97MV0603A17DHSGAP	5733.77
70	69,000	1050	97	17½	16 17/64	U97MV0703A17DHSGAP	5987.65
84	83,000	1750	97	21	19 49/64	U97MV0855A21DHSGAP	6619.42

R962V Endeavor™ Line Achiever Plus® Series



- 4-Way Multi-Poise Design
- 96% AFUE ratings
- Input Rates 40 to 115 kBTU
- Two-Stage Constant CFM
- EcoNet® Enabled
- PlusOne® Diagnostics
- PlusOne® Ignition System
- PlusOne® Water Management System

Limited Warranty:
- Conditional Unit Replacement and Parts - 10 Years
- Heat Exchanger - Limited Lifetime

EcoNet™

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING HI CFM	AFUE	A	B	STOCK NO	PRICE
42	41,000	1125	96.0	17½	16 17/64	R962V0403A17M4SCAP	4543.79
60	55,000	1125	96.0	17½	16 17/64	R962V0603A17M4SCAP	4723.38
70	68,000	1125	96.0	17½	16 17/64	R962V0703A17M4SCAP	4875.23
70	68,000	1800	96.0	21	19 49/64	R962V0705A21M4SCAP	5163.40
85	82,000	1800	96.0	21	19 49/64	R962V0855A21M4SCAP	5451.57
100	95,000	1800	96.0	21	19 49/64	R962V1005A21M4SCAP	5687.14
115	109,000	1800	96.0	24½	23 17/64	R962V1155A24M4SCAP	6166.38

(31)
EcoNET® Smart Thermostat



- Built-in wifi
- One-touch energy savings mode
- Real-time local weather
- Works with HVAC and water heaters
- Vacation setting to save while you're away
- EcoNet App to control your thermostat anywhere from your mobile device

4-Wire Configuration

Serves as the master control of the zoning system and must be used as the zone 1 thermostat control (See zone components below)

STOCK NO	PRICE
UETST800SYS	262.81

(31)
EcoNET® Adapter Plate Kit



Oversize wall plate

STOCK NO	PRICE
RETSTWPL700	15.00

(31)
EcoNET® Zone Panel



Main control that communicates between the dampers, zone controls and the HVAC system; one zone panel will serve up to three zones—if more than three zones exist, or an Intelligent Bypass is installed, a second zone panel is required.

For use with EWC dampers (Page 827)

STOCK NO	EACH
REPNL700ZON	382.60

(42)
EcoNET® 800 Zone Controls



Serves as the control / sensor in zones 2-6

STOCK NO	EACH
RECTL800ZON	291.56

(42)
CC2 Translator

For use with UETST600SYS Thermostat

FOR	STOCK NO	EACH
JEC Models	RETRN620CC2	49.25

(42)
Thermistor Supply Air Sensor



STOCK NO	PRICE
472422501	46.44

Outdoor Sensor



STOCK NO	PRICE
RXGYJ02	21.10

(31)
Ruud High Definition Thermostat



Programmable 7, 5/2 LCD Thermostat.
Conventional 2H/2C, Heat Pump 4H/2C.

Comunicting thermostat

STOCK NO	PRICE
UHCTST551CMMS	539.32

(31)
Ruud Touchscreen Thermostat



Programmable 7, 5/1/1 touchscreen Thermostat.
Conventional 1H/2C, Heat Pump 3H/2C

Modulating with humidity control

STOCK NO	PRICE
UHCTST412MDMS	269.71

Accessories for UHCTST412MDMS Stat

DESCRIPTION	STOCK NO	EACH
Indoor Sensor	F1451328	59.29
Outdoor Sensor	F1451378	73.56

90 Plus Pipe Sizing Information (25)

ruud.com

Models: R92T, R951V & R951T

(Air for combustion provided from outdoors)

MAXIMUM EQUIVALENT VENT LENGTH (TABLE IS FOR BOTH DIRECT & NON-DIRECT VENTING)			
Input (BTU/H)	Pipe Size	Maximum Equivalent Length (Feet)	Recommended Maximum Number of Elbow*
42,000	2 inchØ	65	6
	3 inchØ	100	6
56,000	2 inchØ	65	6
	3 inchØ	100	6
70,000	2 inchØ	65	6
	3 inchØ	100	6
84,000	2 inchØ	30	2
	3 inchØ	100	6
98,000	2 inchØ	20	2**
	3 inchØ	100	6
112,000	2 inchØ	20	2**
	3 inchØ	85	6
NOTE: The elbows needed for the vent termination are not counted in these lengths except at altitudes above 6,000 feet. Above 6,000feet alternate horizontal vent termination elbows are to be included in the equivalent vent length.			
• This is the recommended maximum number of long sweep elbows for either 2 or 3 inch pipe. Combinations of long sweep 90s, standard 90s, or 45s may be used, but the manufacturer recommends the use of long sweep 90s whenever possible because the use of the maximum number of standard 90 and 45 elbows only may result in nuisance furnace outages due to individual installation specifics. Exceeding the recommended maximum number of elbows may cause nuisance operation of the pressure switch.			
•• Not applicable for alternate terminations.			

IF INSTALLED AS A DIRECT VENT FORCED AIR FURNACE, THE COMBUSTION AIR SYSTEM DESIGNED FOR THIS FURNACE MUST BE USED!

All combustion air must be supplied directly to the burner through a special air intake system. This system consists of field supplied SCH 40 SDR 26 PVC pipe and one of the following vent termination kits:

DESCRIPTION	STOCK NO	EACH
Vent kit for horizontal through-the-wall (FIG. A)	*RXGYG02*	*46.47*
Concentric vent kit for horizontal through-the-wall and vertical through-the roof venting (FIG. B) 3" Venting	*RXGYE03*	*97.98*
For standard or alternate through-the-wall venting	*RXGYD02*	*207.96*
For standard to alternate through-the-wall venting	*RXGYD03*	*237.79*

All furnace installations must comply with the National Fuel Gas Code and local codes. Read and follow all instructions provided in the manufacturer's installation guide.

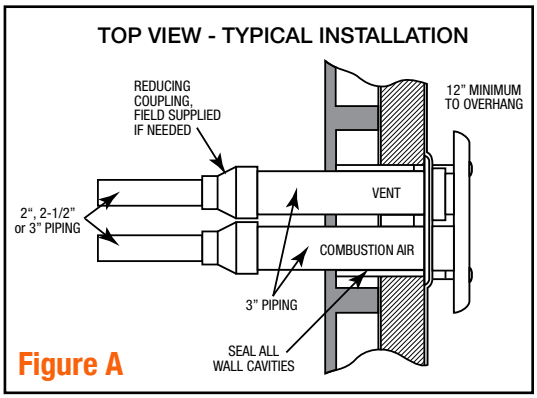


Figure A

Models: U98V, U96V, R96T, R962V, U97MV & U98MV

(Air for combustion provided from indoors)

MAXIMUM EQUIVALENT VENT LENGTH (TABLE IS FOR BOTH DIRECT & NON-DIRECT VENTING)			
Input (BTU/H)	Pipe Size	Maximum Equivalent Length (Feet)	Recommended Maximum Number of Elbow*
42,000	2 inchØ	65	6
	3 inchØ	100	6
56,000	2 inchØ	65	6
	3 inchØ	100	6
70,000	2 inchØ	65	6
	3 inchØ	100	6
84,000	2 inchØ	30	2
	3 inchØ	100	6
98,000	2 inchØ	20	2**
	3 inchØ	100	6
112,000	2 inchØ	20	2**
	3 inchØ	85	6
NOTE: The elbows needed for the vent termination are not counted in these lengths except at altitudes above 6,000 feet. Above 6,000feet alternate horizontal vent termination elbows are to be included in the equivalent vent length.			
• This is the recommended maximum number of long sweep elbows for either 2 or 3 inch pipe. Combinations of long sweep 90s, standard 90s, or 45s may be used, but the manufacturer recommends the use of long sweep 90s whenever possible because the use of the maximum number of standard 90 and 45 elbows only may result in nuisance furnace outages due to individual installation specifics. Exceeding the recommended maximum number of elbows may cause nuisance operation of the pressure switch.			
•• Not applicable for alternate terminations.			

Always provide this furnace and any other fuel burning appliance with enough fresh air for proper combustion and ventilation of the flue gases. Most homes require that outside air be supplied into the furnace area. Failure to do so can cause death from carbon monoxide poisoning.

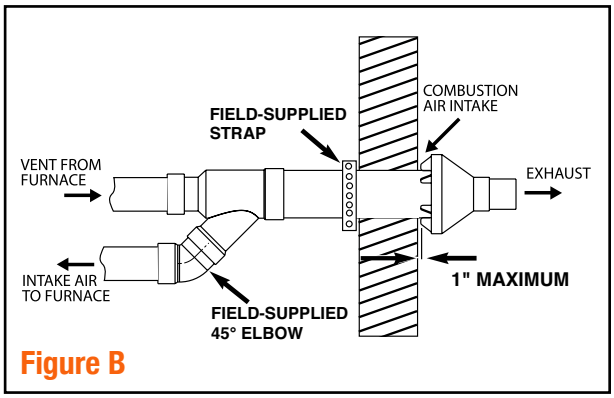


Figure B



Concentric Vent Kits

SIZE	STOCK NO	EACH
2"	*NAHA002CV*	*103.10*
3"	*NAHA001CV*	*128.23*

R801T *Achiever*®



- Upflow/Horizontal Input Rates: 50 - 150 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- Constant Torque ECM Motor

Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - 20 Years

R801P 80% AFUE Upflow/Horizontal ONLY • Single-Stage

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
125	101,000	1934	80.0	24½	23 11/32	R801TA125524MSA	2606.52

R802V UH Endeavor™ Line Achiever Plus Series

EcoNet™



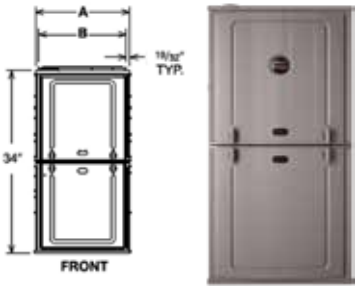
- Upflow/Horizontal Input Rates: 50 - 150 kBTU
- PlusOne® Diagnostics
- EcoNet Enabled
- Constant CFM Motor

Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - 20 Years

R802P 80% AFUE Upflow/Horizontal Series • 2-Stage

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	MAX COOLING CFM	AFUE	A	B	STOCK NO	PRICE
50	40,000	1240	80.0	14	12 27/32	R802V0503A14UHSCAP	3602.01
75	60,000	1650	80.0	17½	16 11/32	R802V0754A17UHSCAP	3723.02
100	80,000	1980	80.0	21	19 27/32	R802V1005A21UHSCAP	3999.38
125	100,000	1980	80.0	24½	23 11/32	R802V1255A24UHSCAP	4271.99
150	120,000	1980	80.0	24½	23 11/32	R802V1505A24UHSCAP	4744.94

R801V UH Endeavor™ Line Achiever Series



- Upflow/Horizontal Input Rates: 50 - 150 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- Constant ECM Motor
- EcoNet® Enabled Furnace

Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - 20 Years

EcoNet™

R801V 80% AFUE Upflow/Horizontal ONLY • Single-Stage

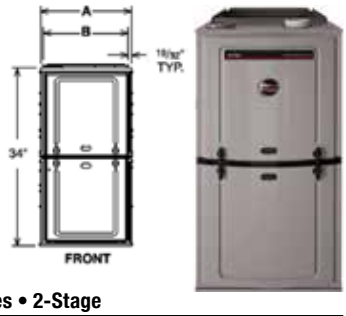
1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	MAX COOLING CFM	AFUE	A	B	STOCK NO	PRICE
50	40,000	1240	80.0	14	12 27/32	R801V0503A14UHSCAP	2737.51
75	60,000	1650	80.0	17½	16 11/32	R801V0754A17UHSCAP	2865.66
100	80,000	1980	80.0	21	19 27/32	R801V1005A21UHSCAP	2988.97
125	100,000	1980	80.0	24½	23 11/32	R801V1255A24UHSCAP	3279.16

L.P. Conversion Kits

FOR MODELS	STOCK NO	EACH
R801T & R801V Series	FP15	106.69

EcoNet™

U802V *Ultra*™



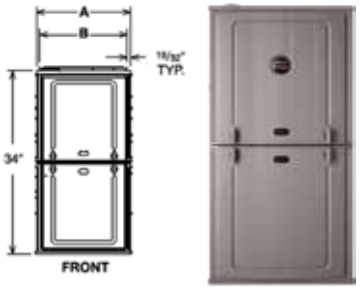
- Upflow/Horizontal Input Rates: 50 - 125 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- Variable Speed ECM Motor

Limited Warranty:
- Parts - 10 Years
- Heat Exchanger - Limited Lifetime

U802V 80% AFUE Upflow/Horizontal Series • 2-Stage

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	AFUE	A	B	STOCK NO	PRICE
50	41,000	1200	80.0	17½	16 11/32	U802VA050317MSA	3586.77
75	60,000	1600	80.0	17½	16 11/32	U802VA075317MSA	3697.70
100	80,000	2000	80.0	21	19 27/32	U802VA100521MSA	4240.94

R801V DZ Endeavor™ Line Achiever Series



- Downflow Input Rates: 50 - 100 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- Constant ECM Motor
- EcoNet® Enabled Furnace

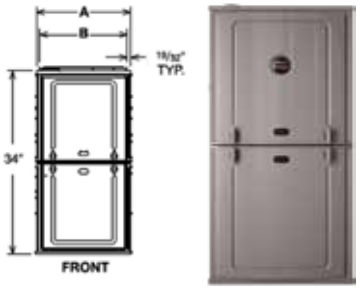
Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - 20 Years

EcoNet™

R801V 80% AFUE Downflow Series • Single-Stage

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	MAX COOLING CFM	AFUE	A	B	STOCK NO	PRICE
50	40,000	1240	80.0	14	12 27/32	R801V0503A14DZSCAP	2731.23
75	60,000	1650	80.0	17½	16 11/32	R801V0754A17DZSCAP	3229.93
100	80,000	1980	80.0	21	19 27/32	R801V1005A21DZSCAP	3360.35

R801T UH Endeavor™ Line Achiever Series



- Upflow/Horizontal Input Rates: 50 - 125 kBTU
- PlusOne® Diagnostics
- PlusOne® Ignition System
- Constant Torque ECM Motor

Limited Warranty:
- Conditional Parts - 10 Years
- Heat Exchanger - 20 Years

R801T 80% AFUE Upflow Horizontal Series • Single-Stage

1,000 INPUT BTU/HR	HTG. CAP'Y BTU/HR	MAX COOLING CFM	AFUE	A	B	STOCK NO	PRICE
50	40,000	1305	80.0	14	12 27/32	R801T0503A14UHSNAS	2231.51
75	60,000	1402	80.0	17½	16 11/32	R801T0754A17UHSNAS	2366.75
100	80,000	1840	80.0	21	19 27/32	R801T1005A21UHSNAS	2497.06
125	120,000	1934	80.0	24½	23 11/32	R801T1255A24UHSNAS	2803.44

L.P. Conversion Kits

JK, JG, JH, KH & KQ Codes

FOR MODELS	STOCK NO	EACH
U802V Series	FP32	53.68



RA13 SERIES			
Model	H	L	W
1318	27	29¾	29¾
1324	25	29¾	29¾
1330	25	29¾	29¾
1336	27	29¾	29¾
1342	31	29¾	29¾
1348	27	33¾	33¾
1360	31	35¾	35¾

RA13 *Achiever*® Series

- Cooling Efficiencies up to 15.5 SEER / 13 EER
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Dependable & Durable Scroll™ Compressor
- Nominal Sizes: 1.5 - 5 Ton

Limited Warranty:

- Conditional Parts - 10 Years

SIZE	STOCK NO	EACH
R-410A • 208/230-1-60 • SINGLE-PHASE		
3.5 ton	*RA1342AJ1NA*	*3313.67*
R-410A • 208/230-3-60 • 3-PHASE		
3 ton	*RA1336AC1NB*	*3470.40*
3.5 ton	*RA1342AC1NB*	*3721.48*



RA16 SERIES			
Model	H	L	W
1624	27	33¾	33¾
1630	27	35¾	35¾
1642	39	35¾	35¾
1648	45	35¾	35¾

RA16 *Achiever*® Series

- Cooling Efficiencies up to 16 SEER / 13 EER
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Dependable & Durable Scroll™ Compressor
- Nominal Sizes: 1.5 - 5 Ton

Limited Warranty:

- Conditional Parts - 10 Years

SIZE	STOCK NO	EACH
R-410A • 208/230-1-60 • SINGLE-PHASE		
2.5 ton	*RA1630AJ1NB*	*3539.37*



RA13NY SERIES			
Model	H	L	W
RA13NY18	25	29¾	29¾
RA13NY24	25	29¾	29¾
RA13NY30	25	33¾	33¾
RA13NY36	25	33¾	33¾
RA13NY42	27	33¾	33¾
RA13NY48	39	35¾	35¾
RA13NY60	45	35¾	35¾

RA13NY Endeavor™ Line Achiever® Series

NEW ITEM

- Cooling Efficiencies up to 13.4 SEER2 / 9 EER2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- PlusOne® Refrigerant Detection System
- Single-Stage Compressor
- Cooling Capacities 17.1 to 55.5 kBTU
- Nominal Sizes: 1.5 - 5 Ton

Limited Warranty:

Conditional Parts (Registration Required) - 10 Years

SIZE	STOCK NO	EACH
R-454B • 208-230/60 • 3-PHASE		
3 ton	*RA13NY36AC1NA*	*5002.39*
3.5 ton	*RA13NY48AC1NA*	*6038.42*
5 ton	*RA13NY60AC1NA*	*7164.68*



RA15AZ SERIES			
Model	H	L	W
RA15AZ24	27	29¾	29¾
RA15AZ36	27	33¾	33¾
RA15AZ48	31	33¾	33¾
RA15AZ60	31	33¾	33¾

EcoNet™

RA15AZ Endeavor™ Line Achiever® Plus Series

- Cooling Efficiencies up to 15.2 SEER2 / 9.8 EER2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- PlusOne® Variable Speed Twin Rotary Compressor & Inverter Drive
- Cooling Capacities 22.8 to 56 kBTU
- Nominal Sizes: 2 - 5 Ton

Limited Warranty:

- Conditional Parts - 10 Years

SIZE	STOCK NO	EACH
R-410A • 208-230/60 • SINGLE-PHASE		
2 ton	*RA15AZ24AJ3CA*	*3822.88*
3 ton	*RA15AZ36AJ3CA*	*5097.00*
4 ton	*RA15AZ48AJ3CA*	*6266.37*
5 ton	*RA15AZ60AJ3CA*	*7237.84*

RA Series Control Package

Remote Condensing Units & Heat Pumps

1.5-5.0 Ton R-410A

DESCRIPTION	STOCK NO	EACH
Low Pressure	*RXACA07*	*174.65*
High Pressure	*RXABA07*	*174.65*



RA14AZ SERIES			
Model	H	L	W
RA14AZ18	25	29¾	29¾
RA14AZ24	25	33¾	33¾
RA14AZ30	27	33¾	33¾
RA14AZ36	31	33¾	33¾
RA14AZ42	35	33¾	33¾
RA14AZ48	35	33¾	33¾
RA14AZ60	51	35¾	35¾

RA14AZ Endeavor™ Line Achiever® Series

- Cooling Efficiencies up to 13.8/14.3 SEER2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Single-Stage Compressor
- Cooling Capacities 17.1 to 55.5 kBTU
- Nominal Sizes: 1.5 - 5 Ton

Limited Warranty:

- Conditional Parts - 10 Years

SIZE	STOCK NO	EACH
R-410A • 208-230/60 • SINGLE-PHASE		
2 ton	*RA14AZ24AJ1NA*	*3289.11*
2.5 ton	*RA14AZ30AJ1NA*	*3833.54*
3 ton	*RA14AZ36AJ1NA*	*4367.66*
3.5 ton	*RA14AZ42AJ1NA*	*4736.00*
4 ton	*RA14AZ48AJ1NA*	*5401.70*
5 ton	*RA14AZ60AJ1NA*	*6331.47*



UA18AZ SERIES			
Model	H	L	W
UA18AZ24	39	33¾	33¾
UA18AZ36	39	33¾	33¾
UA18AZ48	51	33¾	33¾

EcoNet™

UA18AZ Endeavor™ Line Ultra® Series

- Cooling Efficiencies up to 18 SEER2 / 10.5 EER2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Inverter Driven, Variable Speed Compressor
- Cooling Capacities 22.8 to 56 kBTU
- Nominal Sizes: 2 - 4 Ton

Limited Warranty:

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

SIZE	STOCK NO	EACH
R-410A • 208-230/60 • SINGLE-PHASE		
2 ton	*UA18AZ24AJVCA*	*9076.22*
3 ton	*UA18AZ36AJVCA*	*9319.67*
4 ton	*UA18AZ48AJVCA*	*11061.97*



RA13NZ SERIES			
Model	H	L	W
RA13NZ18	25	29¾	29¾
RA13NZ24	25	33¾	33¾
RA13NZ30	25	33¾	33¾
RA13NZ36	25	33¾	33¾
RA13NZ42	27	33¾	33¾
RA13NZ48	39	33¾	35¾
RA13NZ60	45	35¾	35¾

RA13NZ Endeavor™ Line Achiever® Series

- Cooling Efficiencies up to 13.4 SEER2 / 9 EER2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Single-Stage Compressor
- Cooling Capacities 17.1 to 55.5 kBTU
- Nominal Sizes: 1.5 - 5 Ton

Limited Warranty:

- Conditional Parts - 10 Years

SIZE	STOCK NO	EACH
R-410A • 208-230/60 • SINGLE-PHASE		
1.5 ton	*RA13NZ18AJ1NA*	*2719.36*
2 ton	*RA13NZ24AJ1NA*	*2908.56*
2.5 ton	*RA13NZ30AJ1NA*	*3258.21*
3 ton	*RA13NZ36AJ1NA*	*3921.64*
3.5 ton	*RA13NZ42AJ1NA*	*4245.65*
4 ton	*RA13NZ48AJ1NA*	*4844.83*
5 ton	*RA13NZ60AJ1NA*	*5840.02*

Evaporator Coils and Linesets

aspenmfg.com

Ruud Indoor Coils (25)



Ruud Cased Coils • R410A

For Ruud R-410A Units

SIZE	STOCK NO	EACH
STANDARD Efficiency		
2 ton, 14"	RCFZ2414STAAMC	951.83
2 ton, 17"	RCFZ2417STANMC	1014.96
2 ton, 17"	RCFZ2517STANMC	1040.32
3 ton, 17"	RCFZ3617STANMC	1093.80
3 ton, 17"	RCFZ3717STANMC	1121.17
3 ton, 21"	RCFZ3621STANMC	1152.87
4 ton, 21"	RCFZ4821STANMC	1413.87
4 ton, 21"	RCFZ4821STAAMC	1696.70
4 ton, 21"	RCFZ4921STANMC	1449.22
4 ton, 24"	RCFZ4824STANMC	1571.63
5 ton, 21"	RCFZ6021STAAMC	1783.75
5 ton, 24"	RCFZ6024STANMC	1926.26
5 ton, 24"	RCFZ6124STANMC	1974.43
MEDIUM Efficiency		
2 ton, 17"	RCFZ2417MTANMC	1157.67
2 ton, 21"	RCFZ2421MTANMC	1182.35
3 ton, 21"	RCFZ3621MTANMC	1374.55
3 ton, 24"	RCFZ3624MTANMC	1512.41
4 ton, 24"	RCFZ4824MTANMC	1979.09
HIGH Efficiency		
5 ton, 24"	RCF6024HTAMCA	1988.84
HIGH Efficiency with Electronic Expansion Valve		
2 ton, 17"	RCFZ2417SEANMC	1237.69
2 ton, 21"	RCFZ2421MEANMC	1393.32
2 ton, 21"	RCFZ2421HEAAMC	1741.56
3 ton, 21"	RCFZ3621MEANMC	1561.61
5 ton, 21"	RCFZ6021SEAAMC	1720.76
ULTRA Efficiency with Electronic Expansion Valve		
2 ton, 21"	RCF2421UEAMCA	1209.64

Expansion Valve TXV Kits

For use with RCF Coils to RA13NZ & RA14AZ Series.

SIZE	STOCK NUMBER	EACH
2 TON	RXHQC24N	121.59
3 TON	RXHQC36N	121.59
4 TON	RXHQC48N	99.89
5 TON	RXHQC60N	99.89

Ruud Coil Adapter

For cased coils to be installed on next size smaller gas furnace

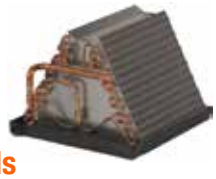
STOCK NUMBER	EACH
RXBAAC	97.02

Ruud Jumper Bar

DESCRIPTION	STOCK NO	EACH
3CKT - 1CKT	RXBJA31	45.29

Aspen Uncased Evaporator Coils (25a)

Designed for upflow and downflow applications.
Standard refrigerant connections:
⅜" ODS liquid line, ⅞" ODS suction line.
One ¾" MPT condensate drain.



R-410A • "A" Coils

STOCK NO	W X D X H IN INCHES	EACH
CA24A24130LR410	13"x19 3/8"x13 1/2"	618.44
CA24D44160LR410	16"x19 3/8"x19 1/2"	912.75
CA30A24160LR410	16"x19 3/8"x15 1/2"	649.35
CA30B44130LR410	13"x19 3/8"x17 1/2"	893.63
CA30B44160LR410	16"x19 3/8"x17 1/2"	893.63
CA30D44160LR410	16"x19 3/8"x21 1/2"	995.65
CA36A24160LR410	16"x19 3/8"x17 1/2"	692.61
CA36B34160LR410	16"x19 3/8"x19 1/2"	847.21
CA36D44160LR410	16"x19 3/8"x23 1/2"	1016.83
CA36A24195LR410	19 1/2"x19 3/8"x17 1/2"	665.98
CA42D44195LR410	19 1/2"x19 3/8"x25 1/2"	1103.87
CA48A24195LR410	19 1/2"x19 3/8"x21 1/2"	713.54
CA48B34195LR410	19 1/2"x19 3/8"x23 1/2"	888.98
CA48D44195LR410	19 1/2"x19 3/8"x27 1/2"	1159.50
CA60D34230R410	23"x21"x26 1/2"	1085.32
CA60E44240LR410	24"x21"x26 1/2"	1314.14

Aspen Expansion Valves

Fits above Aspen coils not already equipped with an expansion valve.

SIZE	STOCK NO	EACH
FOR USE WITH R-22 COILS		
1.5 to 3.0 ton	4190	178.00
3.5 to 5.0 ton	4195	178.00
FOR USE WITH R-410A COILS		
1.5 to 2.0 ton	4200	151.74
2.5 to 3.5 ton	4201	151.74
4.0 to 5.0 ton	4202	151.74

Aspen Downflow Kits

Call for application use of metal vs. plastic.

SIZE	STOCK NO	EACH
Metal drain pans	DWNFLWM16	18.32
Plastic drian pans	DWNFLWP	9.16

See pages 647-650 for ALL Miscellaneous Air Conditioning Accessories

Insulated Line Sets (25a)



UV Abrasion and weather resistant polymeric jacket

SIZE	STOCK NO	EACH
3/4" x 3/8" UV Insulated Linesets		
3/4 x 3/8 x 25'	3438X2512STD	223.26
3/4 x 3/8 x 35'	3438x3512STD	300.27
3/4 x 3/8 x 50'	3438x5012STD	404.18
7/8" x 3/8" UV Insulated Linesets		
7/8 x 3/8 x 25'	7838X2512STD	289.53
7/8 x 3/8 x 35'	7838X3512STD	389.37
7/8 x 3/8 x 50'	7838X5012STD	524.17
1-1/8" x 3/8" Standard Black Insulated Linesets		
1 1/8 x 3/8 x 25'	11838X2512	411.48
1 1/8 x 3/8 x 35'	11838X3512	648.23
1 1/8 x 3/8 x 50'	11838X5012	714.69
3/4" x 3/8" Black 3/4" UV Insulated Linesets Sioux Falls Approved		
3/4" x 3/8" x 35'	3438X3534STD	352.75
3/4" x 3/8" x 50'	3438X5034STD	463.73
7/8" x 3/8" x 35'	7838X3534STD	426.14
7/8" x 3/8" x 50'	7838X5034STD	572.81

Double Insulated

Omaha Approved Duraguard UV™ Insulated Linesets

SIZE	STOCK NO	EACH
3/8 x 3/4 x 35'	3438X3534BL	401.95
3/8 x 7/8 x 35'	7838X3534BL	485.79
3/8 x 3/4 x 50'	3438X5034BL	539.22
3/8 x 7/8 x 50'	7838X5034BL	657.85

Adhesives

See page 828 for SPVC Line Set Tape

No 520 Armaflex

DESCRIPTION	STOCK NO	EACH
Pint	PTRUAD	24.61
Quart	QTRUAD	36.91

Clamps



(29)

Thermo-Snap Clamp

Pre-mounted brackets designed for pipe mounting jobs. *(Bag of 5)*

SIZE	STOCK NO	EACH
2"	TSC2	8.40

Ruud Heat Pumps (25)

ruud.com

RP15AZ Endeavor™ Line Achiever Plus® Series



- Cooling Efficiencies up to 16 SEER2 / 11.7 EER2
- Heating Efficiencies up to 8.1 HSPF2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Two-Stage Scroll Compressor
- Nominal Sizes: 1.5 - 5 Ton

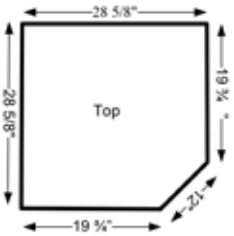
Limited Warranty:

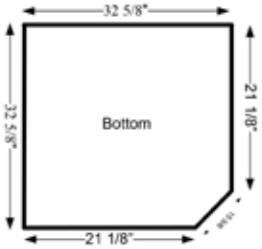
- Conditional Parts - 10 Years

RP15AZ Series • R-410A Heat Pumps

DESCRIPTION	STOCK NO	EACH
1.5 ton	RP15AZ18AJ2NA	4621.37
2.0 ton	RP15AZ24AJ2NA	5077.92
3.0 ton	RP15AZ36AJ2NA	6486.81
3.5 ton	RP15AZ42AJ2NA	6820.24
4.0 ton	RP15AZ48AJ2NA	7505.34

RP15AZ SERIES			
Model	H	L	W
15AZ18	25	29¾	29¾
15AZ24	25	29¾	29¾
15AZ30	35	33¾	33¾
15AZ36	39	33¾	33¾
15AZ42	39	33¾	33¾
15AZ48	39	33¾	33¾
15AZ60	51	35¾	35¾







(27)

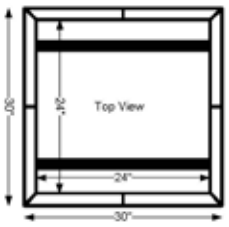
Lennox Large Heat Pump Stand

Powder Coated, Holds up to 2,000lbs.
Pad not included. For Ruud 4 and 5 ton units.

STOCK NUMBER	EACH
HEPUST45	203.50

(39)

Universal Reversible Heat Pump Stand



- Reversible adjustable brackets
- Powder coated
- Durable
- 10" Height

STOCK NUMBER	EACH
UNV2430	192.00

(27)

12" Dual Fan Mini-Split Stand



- Supports up to 400lbs
- Powder coated 14-Gauge Steel
- Rubber Pads on each foot
- For use with RD17AZ Models

STOCK NUMBER	EACH
QSMS1202	400.18

UP16AZ Endeavor™ Line Achiever® Plus Series

EcoNet™



- Cooling Efficiencies up to 16 SEER 2
- Heating Efficiencies up to 8.1 HSPF2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Inverter Driven, Variable Speed Compressor
- Nominal Sizes: 2 to 5 Tons

Limited Warranty:

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

UP17 Series • R-410A Heat Pumps

DESCRIPTION	STOCK NO	EACH
2.0 ton	UP16AZ24AJ3CA	7966.03
3.0 ton	UP16AZ36AJ3CA	9385.13
4.0 ton	UP16AZ48AJ3CA	10517.66
5.0 ton	UP16AZ60AJ3CA	11272.06

UP16AZ SERIES			
Model	H	L	W
UP16AZ24	27	29¾	29¾
UP16AZ36	35	33¾	33¾
UP16AZ48	35	35¾	33¾
UP16AZ60	45	35¾	35¾

RD17AZ Endeavor™ Line Achiever Plus® Series



- Cooling Efficiencies up to: 19 SEER2/ 12 EER2
- Heating Efficiencies up to: 8.5 HSPF2
- Nominal Sizes: 2 to 5 Ton
- Cooling Capacities: 22.8 to 53.0 kBTU

Limited Warranty:

- Conditional Parts - 10 Years

RD17AZ Series • R-410A Heat Pumps

DESCRIPTION	STOCK NO	EACH
2.0 ton	RD17AZ24AJ3NA	4308.20
3.0 ton	RD17AZ36AJ3NA	4534.95
4.0 ton	RD17AZ48AJ3NA	5355.58
5.0 ton	RD17AZ60AJ3NA	5637.45

RD17AZ SERIES			
Tons	H	L	W
2	36.61	40.16	16.38
3	46.38	42.01	19.29
4	57.80	40.16	16.38
5	57.80	40.16	16.38

RD17AZ Accessories

DESCRIPTION	STOCK NO	EACH
Crankcase Heater	4410366315	71.78
Heater Kit, Base Panel for 2, 4 & 5 ton RD17AZ	4410995701	205.46
Heater Kit, Base Panel for 3 ton RD17AZ	4410995801	208.03

HEAT STAND DIMENSIONS	CAPACITY	FITS PAD SIZE	STOCK NO	EACH
23" x 35" x 10" H	500lb	30" x 40"	MIN2335	200.00

UP17 *Achiever Plus®* Series

EcoNet™



- Cooling Efficiencies up to 18.5 SEER / 13 EER
- Heating Efficiencies up to 8.5 HSPF
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Inverter-driven Scroll™ Compressor
- Nominal Sizes: 2, 3, 4 & 5 Ton

Limited Warranty:

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

UP17 Series • R-410A Heat Pumps

DESCRIPTION	STOCK NO	EACH
2.0 ton	UP1724AJVCA	7545.74
3.0 ton	UP1736AJVCA	8889.96
5.0 ton	UP1760AJVCA	10677.31

UP17 SERIES			
Model	H	L	W
1724	35	33¾	33¾
1736	35	33¾	33¾
1760	45	35¾	35¾

UP20 *Ultra™* Series

EcoNet™



- Cooling Efficiencies up to 20 SEER / 14 EER
- Heating Efficiencies up to 11.5 HSPF
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Inverter-driven Scroll™ Compressor
- Nominal Sizes: 2, 3, 4 & 5 Ton

Limited Warranty:

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

UP20 Series • R-410A Heat Pumps

DESCRIPTION	STOCK NO	EACH
2.0 ton	UP2024BJVCA	9242.23
4.0 ton	UP2048BJVCA	11081.74

UP17 SERIES			
Model	H	L	W
2024	35	35¾	35¾
2048	51	35¾	35¾

UP18AZ Endeavor™ Line Ultra® Series

EcoNet™



- Cooling Efficiencies up to 18 SEER 2
- Heating Efficiencies up to 8.5 HSPF2
- PlusOne® Expanded Valve Space
- PlusOne® Triple Service Access
- Inverter Driven, Variable Speed Compressor
- Nominal Sizes: 2 to 5 Tons

Limited Warranty:

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

UP17 Series • R-410A Heat Pumps

DESCRIPTION	STOCK NO	EACH
2.0 ton	UP18AZ24AJVCA	9757.03
3.0 ton	UP18AZ36AJVCA	10620.14
4.0 ton	UP18AZ48AJVCA	11698.99
5.0 ton	UP18AZ60AJVCA	12893.28

UP18AZ SERIES			
Model	H	L	W
UP18AZ24	45.17	36.13	36.13
UP18AZ36	51.17	36.13	36.13
UP18AZ48	51.17	36.13	36.13
UP18AZ60	51.17	36.13	36.13

Ruud Heat Recovery Ventilators (42)

Ruud Air Handlers (25)

ruud.com

Heat Recovery Ventillators



HRVs are growing in popularity as an indoor air quality solution to health issues and winter condensation problems. They present the most cost effective solution to meeting tougher new construction housing codes in northern US and Canada.
Centrifugal blowers remove stale indoor air; the patented set of exchange cores capture and transfer heat , so that the temperature of the indoor air is maintained. Hanging Chains and drain tube included.

6" Port • ½" Drain • 120V, 60 Hz

HP	RECOVERY EFFICIENCY	STOCK NO	EACH
1/7	60-70%	HRV190	1338.84

HRV190 Defrost Cycle Table

Outdoor Temperature Fahrenheit (°F)	Defrost Cycles (Minutes)		Extended Defrost Cycles	
	Defrosting	Time between Cycles	Defrosting	Time between Cycles
23°	6	50	10	30
5°	6	25	10	20
-17°	10	20	10	15

Wall Control for 150 & 190 HRV's

DESCRIPTION	STOCK NO	EACH
Wall control	40380	91.84

(42)

02418
Ruud Drain Connection

For HRV 100/200

STOCK NO	EACH
02418	6.21

(42)

12895
Ruud Thermistor Kit

For HRV 100/200

STOCK NO	EACH
12895	256.14

RH3VZ Endeavor™ Line Air Handlers



- Constant CFM Motor, 3-Stage Airflow
- Efficiencies: Up to 16 SEER2
- PlusOne® Diagnostics
- Aluminum Indoor Coil Design
- Versatile 4-Way Convertible Compact Design
- Thermal Expansion Valve (TXV)
- New Ruud Air Handler Control Board
  - Introduces Bluetooth® connectivity
  - Maintains EcoNet® diagnostics

Limited Warranty:
Conditional Parts - 10 Years

REFRIG.	CABINET SIZE	CABINET HEIGHT	CFM MIN/MAX	NOM CAPACITY	STOCK NO	EACH
1 Phase, 208-240/60						
R-410A	17.5	42.5	340/750	24,000	RH3VZ2417STACNJ	3755.26
R-410A	17.5	42.5	500/1125	30,000	RH3VZ3617STACNJ	3984.56

RH2VY Endeavor™ Line Air Handlers

NEW ITEM



- Constant CFM Motor, 2-Stage Airflow
- Efficiencies: 13.4 to 14.3 SEER2
- PlusOne® Diagnostics
- Aluminum Indoor Coil Design
- Versatile 4-Way Convertible Compact Design
- Thermal Expansion Valve (TXV)
- Dip Switch Free Installation Commissioning via Bluetooth® Technology

Limited Warranty:
Conditional Parts (Registration Required) - 10 Years

REFRIG.	CABINET SIZE	CABINET HEIGHT	CFM MIN/MAX	NOM CAPACITY	STOCK NO	EACH
1 Phase, 208-240/60						
R-454B	17.5	42.5	580/767	24,000	RH2VY2417STACNJ	4400.79
R-454B	17.5	42.5	727/1069	30,000	RH2VY3617STACNJ	4490.04
R-454B	21	50.5	1024/1478	48,000	RH2VY4821STACNJ	5341.17
R-454B	24.5	55.5	1140/1857	60,000	RH2VY6024STACNJ	6447.71

RH2TZ Endeavor™ Line Air Handlers



- Constant Torque Two-Stage Airflow
- Aluminum Indoor Coil Design
- Efficiencies: 13.4 to 14.3 SEER2
- Versatile 4-Way Convertible Compact Design

Limited Warranty:
Conditional Parts - 10 Years

REFRIG.	CABINET SIZE	CABINET HEIGHT	REFRIGERANT CONN. SWT. (LIQUID - VAPOR)	NOM CAPACITY	STOCK NO	EACH
1 Phase, 115/60						
R-410A	17.5	42.5	3/8" - 3/4"	24,000	RH2TZ2417STANNA	2581.88
1 Phase, 208-240/60						
R-410A	17.5	42.5	3/8" - 3/4"	24,000	RH2TZ2417STANNJ	2581.88
R-410A	17.5	42.5	3/8" - 3/4"	36,000	RH2TZ3617STANNJ	2819.85
R-410A	21	50.5	3/8" - 7/8"	48,000	RH2TZ4821STANNJ	3425.20
R-410A	24.5	55.5	3/8" - 7/8"	48,000	RH2TZ4824STANNJ	3487.35
R-410A	24.5	55.5	3/8" - 7/8"	60,000	RH2TZ6024STANNJ	3819.48

Electric Heater Kits for Ruud Air Handlers

208/230/1

SIZE	CABINET SIZE	STOCK NO	EACH
10kW	17"	RXBH1724A10J	237.99
15kW	17"	RXBH1724A15J	355.00
18kW	17"	RXBH1724A18J	370.64
20kW	21-24"	RXBH24A20J	421.80

Adapter

Old Air Handler Board to New Heater Kit

STOCK NO	EACH
4510622904	8.35



(24)

Electric Heater Strip

208/230/1

SIZE	CABINET SIZE	STOCK NO	EACH
13kW	17"	RXBH1724A13JBR	376.07

(24)

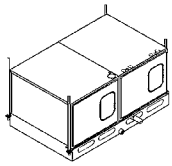
Willow Hot Water Coils

CFM	STOCK NO	EACH
800-1200	WSD16X16	429.01
1000-2100	WSD20X19	562.14
1600-2400	WSD22X22	675.08



Accessories

DESCRIPTION	STOCK NO	EACH
1.5-3 ton Aux. Dr.	RXBMAC48	354.65



EcoNet™

RH2T Series Heat Pump Air Handlers



- Constant Torque Two Stage Airflow
- Aluminum Coil
- Electronic Expansion Valve (EEV) or Thermostatic Expansion Valve (TXV)

Limited Warranty:
Conditional Parts - 10 Years

Efficiencies up to 20 SEER • R-410A • 208/240/1/60

REFRIG.	CABINET SIZE	CABINET HEIGHT	CFM LOW/HIGH	NOM CAPACITY	STOCK NO	EACH
R-410A	17.5	42.5	600/800	24,000	RH2T2417SEACJA	3164.49
R-410A	21	57	1400/1600	48,000	RH2T4821MEACJA	4175.80



RGEC Series

14 SEER • 208-230V/60Hz • Scroll Compressors

TON	STOCK NO	EACH
1-Phase • 2 Stage Stainless • Tier 3 Achiever Series		
3	*RGECZR036AJT10BACAA0*	*11555.93*
4	*RGECZR048AJT12BACAA0*	*11830.26*
5	*RGECZR060AJT12BACAA0*	*12993.53*

Single-Phase • Electric Ignition					
TON SIZE	AFUE %	HEATING CAP'Y	HTG Output BTU/HR	COOLING CAP'Y	NOMINAL CFM
3	81.0	100,000	81,000	36,000	1200
4	81.0	125,000	NA	49,000	1600
5	81.0	125,000	NA	59,500	2000

14 SEER • 208-230V/60Hz • Scroll Compressors

TON	STOCK NO	EACH
3-Phase • 2 Stage Stainless • Tier 3 Achiever Series		
3	*RGECZR036ACT10BACAA0*	*10847.29*
4	*RGECZR048ACT12BACAA0*	*11527.58*
5	*RGECZR060ACT12BACAA0*	*12218.48*
3-Phase • 2 Stage Stainless • Tier 1 Ultra Series		
6	*RGECZT072ACT12BACAA0*	*14249.74*

Three-Phase • Electric Ignition					
TON SIZE	AFUE %	HIGH INPUT BTU/HR	HTG Output BTU/HR	COOLING CAP'Y	NOMINAL CFM
3	81.0	100,000	81,000	36,000	1200
4	81.0	120,000	97,200	49,000	1600
5	81.0	120,000	97,200	59,500	2000
6	81.0	120,000	97,200	70,000	2400

RGECZR Accessories

Roof Curb

SIZE	STOCK NO	EACH
For 3-5 ton RGECZR Series		
14"	*RXKGDCC14*	*582.12*
24"	*RXKGDCC24*	*992.90*

Economizer

For RKNN Series

FOR	STOCK NO	EACH
3-5 Ton	*AXRD01RECAM3*	*1180.40*

Curb Adapter

For 3-5 Ton RKNN Series

STOCK NO	EACH
Carrier to Ruud	
RXRXEACC35	*1898.49*

Hail Guard

FOR	STOCK NO	EACH
3.5 Ton UKNL,		
4 & 5 Ton RKPN	*AXRXAAD01B*	*354.51*
RGECZR Series	*RXRXADD04C*	*310.47*

Economizer

For RGECZR Series

FOR	STOCK NO	EACH
Downflow	*RXRD11MCDAM3*	*2050.49*
Horizontal	*RXRD11MCHAM3*	*2254.29*



RGEDZS *Achiever Plus*® Series Gas Heating Electric Cooling

R-410A Commercial Rooftop Units

- Optional VFD and HumidiDry Technology™
- Two stage cooling
- PlusOne® Diagnostics with Dual 7-Segment LED Display
- PlusOne® ServiceSmart package

RGEDZS SERIES			
Model	H	L	W
090	50½	60	89½
120	50½	60	89½
150	60½	60	89½

NOMINAL TONS	HEATING INPUT BTU	HEATING OUTPUT BTU	IEER	NOMINAL CFM/AHRI	GROSS COOLING CAPACITY BTU	STOCK NO	EACH
Two Stage Stainless Compressor • 208-230 Volt, 3 Phase							
7.5	205,000	166,050	14.6	3000/3175	88,000	RGEDZT090ACG20BAAAA0	19984.67
10	225,000	182,250	14.6	4000/3480	118,000	RGEDZT120ACG22BAAAA0	23832.84
12.5	225,000	182,250	14	5000/3750	148,000	RGEDZT150ACG22BAAAA0	26531.99

Accessories

14" Roof Curbs

FOR	STOCK NO	EACH
RGEDZS Series	RXKGDDD14	627.43
RKKN 6.0 Ton	RXKGCAD14	408.60
RKKL 7.5 & 12.5 Ton	RXKGCAE14	465.35

24" Roof Curbs

FOR	STOCK NO	EACH
RGEDZS Series	RXKGDDD24	1319.57

Economizers

For RGEDZS Series

FOR	STOCK NO	EACH
Downflow	RXRD11MDDAM3	2364.23
Horizontal	RXRD11MDHAM3	2386.86

(42)

Roof Top Accessories

DESCRIPTION	STOCK NO	EACH
Smoke Detector	SM501P	244.41

Low Ambient Kit

FOR	STOCK NO	EACH
RKKL 6 Ton	RXRZA04	242.57

Louver Kits

FOR	STOCK NO	EACH
RGEDZS 7.5-10 Ton	RXRXADD04A	310.47
RGEDZS 12.5 Ton	RXRXADD04B	310.47

W92T Series
Multi Position Gas Furnace



- 92% residential gas furnace CSA certified
- 4 way multi-poise design
- 7-Segment LED all units
- Direct Spark Ignition
- Water Management System
- Heat exchanger is removable for improved serviceability. Aluminized steel/Stainless steel construction provide maximum corrosion resistance and thermal fatigue reliability.
- Low profile “34 inch” cabinet
- Blower shelf design
- Pre marked hoses
- Vent with 2" or 3" PVC
- Replaceable Collector box
- Hemmed edges on cabinet and doors
- Quarter turn fasteners for tool less access
- Integrated control boards feature dip switches
- Self priming condensate trap

W92T Series Constant Torque ECM Motor

INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .5"	WIDTH	STOCK NO	PRICE
42,000	39,060	1121	17½	W92TA0401317MSA	1923.40
70,000	68,000	1198	17½	W92TA0701317MSA	2149.13
84,000	78,120	1742	21	W92TA0851521MSA	2325.78
98,000	91,140	1782	21	W92TA1001521MSA	2423.38
112,000	104,160	1934	24½	W92TA1151524MSA	2646.33

W921W Versus Line
Multi Position Gas Furnace



- ENERGY STAR® certified, 92% AFUE
- 4 way multi-poise design
- 7-Segment LED all units
- Proven Direct Spark Ignition
- Water Management System
- Vent with 2" or 3" PVC
- Low profile “34 inch” cabinet

W921W Single-Stage Constant Torque ECM Motor

INPUT BTU/HR	HTG. CAP'Y BTU/HR	BLOWER (D X W)	WIDTH	STOCK NO	PRICE
42,000	39,900	11 x 7	17½	W921T0403A17M4SNAS	1981.09
56,000	53,200	11 x 8	17½	W921T0603A17M4SNAS	2147.76
70,000	66,500	11 x 8	17½	W921T0703A17M4SNAS	2213.60
84,000	79,800	11 x 10	21	W921T0855A21M4SNAS	2395.54
98,000	93,100	11 x 10	21	W921T1005A21M4SNAS	2496.09
112,000	106,400	11 x 11	24½	W921T1155A24M4SNAS	2725.72

Solid Bottom Assemblies

For W96TA, W962W, W95PA, or W92PA Series
Solid bottom included on W92T Series

SIZE	STOCK NO	EACH
17.5"	AE10358501	22.83
21"	AE10358502	27.36
24"	AE10358503	28.38

L.P. Conversion Kits

JR Codes

FOR SERIAL NUMBERS	STOCK NO	EACH
W92TA Series	FP38	70.47
W96TA Series	FP34	57.96

W96T Series
Multi Position Gas Furnace



- 96% residential gas furnace CSA certified
- 4 way multi-poise design
- Diagnostics 7-Segment LED all units
- Ignition System – Direct Spark Ignition
- Water Management System
- Heat exchanger is removable for improved serviceability. Aluminized steel/Stainless steel construction provide maximum corrosion resistance and thermal fatigue reliability.
- Low profile “34 inch” cabinet
- Blower shelf design
- Pre marked hoses
- Vent with 2" or 3" PVC
- Replaceable Collector box
- Hemmed edges on cabinet and doors
- Quarter turn fasteners for tool less access
- Integrated control boards feature dip switches
- Self priming condensate trap

W96T Two-Stage Constant Torque ECM Motor

INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .7"	WIDTH	STOCK NO	PRICE
42,000	41,000	1102	17½	W96TA0402317MSA	2147.51
84,000	82,000	1898	21	W96TA0852521MSA	2588.42

W962W Versus Line
Multi Position Gas Furnace



- ENERGY STAR® certified, 96% AFUE
- 4 way multi-poise design
- BluArch™ Contractor App & Bluetooth allows dip Switch Free Installation
- Proven Direct Spark Ignition
- Water Management System
- Vent with 2" or 3" PVC
- Low profile “34 inch” cabinet

W962W Two-Stage Constant Torque ECM Motor

INPUT BTU/HR	HTG. CAP'Y BTU/HR	MAX COOLING CFM	WIDTH	STOCK NO	PRICE
42,000	41,000	1240	17½	W962W0403A17M4SBAS	2308.56
56,000	55,000	1240	17½	W962W0603A17M4SBAS	2474.74
70,000	68,000	1240	17½	W962W0703A17M4SBAS	2540.89
84,000	82,000	1980	21	W962W0855A21M4SBAS	2782.56
98,000	95,000	1980	21	W962W1005A21M4SBAS	2874.18
112,000	109,000	1980	24½	W962W1155A24M4SBAS	2999.99

NEW ITEM

W801T UH Versus Line Gas Furnace



- Constant Torque ECM Motor
- Industry-first, 7-segment LED for quick & easy service
- Ignition System: Proven Direct Spark Ignition (DSI) for reliability & longevity
- Configuration: Upflow/Horizontal
- 5 Year Parts + 10 Year Heat Exchanger warranty

W801T Single-Stage Constant Torque ECM Motor

INPUT BTU/HR	HTG. CAP'Y BTU/HR	COOLING CFM @ .7"	WIDTH	STOCK NO	PRICE
50,000	40,000	1305	14	W801T0503A14UHSNAS	1199.14
75,000	60,000	1402	17½	W801T0754A17UHSNAS	1326.02
100,000	80,000	1840	21	W801T1005A21UHSNAS	1497.24
125,000	100,000	1934	24	W801T1255A24UHSNAS	1623.00



WA13 Series
Single Stage Air Conditioners

- Outdoor air conditioner designed for ground level or rooftop installations. These units offer comfort & dependability for single, multi-family & light commercial applications
- Painted louvered steel cabinet
- Easily accessible control box
- Condenser coils constructed with copper tubing and enhanced aluminum fins.
- Grille/Motor mount for quiet fan operation
- Limited Warranty (Parts - five years)

Model No. WA13	UNIT DIMENSIONS		
	Width	Length	Height
18, 24	23⅝"	23⅝"	24¼"
30, 36, 42	27⅝"	27⅝"	24¼"
48	31⅛"	31⅛"	27 15/16"
60	31⅛"	31⅛"	35 15/16"

Single Stage • 1ph, 208-230/60 • 13 SEER/11 EER

DESCRIPTION	STOCK NO	EACH
3.5 ton	*WA1342AJ1NA*	*2055.38*



WA13NZ Series
Single Stage Air Conditioners

- Fully Louvered Steel Cabinet: Features durable construction to add protection from yard hazards, weather corrosion
- Optimized 7 mm Coil: Design allows for improved airflow, heat transfer and energy consumption (1.5 ton - 4.0 ton)
- Easily Accessible Control Box: Ease of installation and serviceability
- Limited Warranty (Parts - five years)

Model No. WA13NZ	UNIT DIMENSIONS		
	Height	Length	Width
18	25"	29¾"	29¾"
24, 30, 36	25"	33¾"	33¾"
42	27"	33¾"	33¾"
48	39"	33¾"	33¾"
60	45"	33¾"	33¾"

Single Stage • 1ph, 208-230/60 • 13.4 SEER / 9.0 EER2

DESCRIPTION	STOCK NO	EACH
1.5 ton	*WA13NZ18AJ1NA*	*1781.32*
2.0 ton	*WA13NZ24AJ1NA*	*1905.21*
2.5 ton	*WA13NZ30AJ1NA*	*2134.21*
3.0 ton	*WA13NZ36AJ1NA*	*2432.40*
3.5 ton	*WA13NZ42AJ1NA*	*2633.48*
4.0 ton	*WA13NZ48AJ1NA*	*3005.07*
5.0 ton	*WA13NZ60AJ1NA*	*3622.36*



First-Pak Gas
Single Package Vertical Gas Unit

Self-contained packaged units with
gas-fired heating and electric cooling.
Pre-wired and pre-charged from factory.

- Slide out Cooling Chassis
- Low friction chassis slide rails
- Slide out heating assembly
- Integrated Circuit board for with status codes
- See through sight glass for viewing codes
- Pre-wired and pre-charged from the factory
- High efficiency scroll and rotary compressors
- Larger air coil with low face velocity
- Stainless steel heat exchanger
- Dual inlet evaporator fan
- Double isolated compressor mounting
- 27⅞" Width, 31⅜" Length, 43¼" Length
- 20 year heat exchanger warranty 5 year for other parts

Single Stage • 1ph, 208-230/60 • 12-13 SEER

HEAT CAPACITY	COOLING	STOCK NO	EACH
30,000 BTU/H	*1.0 ton*	*FPG30N8C12A*	*3925.35*
40,000 BTU/H	*1.5 ton*	*FPG40N8018C2A00F*	*4271.85*
50,000 BTU/H	*1.5 ton*	*FPG50N8C18A*	*4171.20*
50,000 BTU/H	*2.0 ton*	*FPG50N8C24A*	*4677.75*
60,000 BTU/H	*2.0 ton*	*FPG60N8C24A*	*4778.40*
60,000 BTU/H	*2.5 ton*	*FPG60N8C30A*	*4870.80*

(346c)

Accessories

STOCK NO	EACH
First-Pak Wall Sleeve - 29" x 45"	
92910	*331.65*
First-Pak Architectural Louvered Grill (Aluminum)	
G230A	*496.65*



92% AFUE GUH92C Series Upflow/Horizontal

Heat Exchanger Design
- Aluminized steel primary heat exchanger with crimped non-welded construction
- AL 29-4c stainless steel secondary heat exchanger

Cabinet Design
- Compact 33" height with standardized widths

Air Delivery System
- Multi-speed high efficiency (constant torque) blower motor
- Easily removable slide-out blower design

Controls
- Single stage gas valve
- Self diagnostics save last 10 fault codes regardless of power interruption
- Durable silicon nitride igniter
- Electronic air cleaner and humidifier terminals

Venting
- Certified for direct vent and indirect (1 and 2 pipe applications)

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

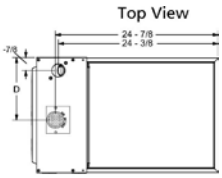
INPUT (BTUH)	OUTPUT (BTUH)	AFUE	NOM. COOLING CAPACITY	STOCK NO	PRICE
44,000	*42,000*	*92.1*	*3 Ton*	*GUH92C045B3M*	*1819.58*
66,000	*63,000*	*92.1*	*3 Ton*	*GUH92C070B3M*	*1878.67*
88,000	*84,000*	*92.1*	*4 Ton*	*GUH92C090C4M*	*2136.86*
110,000	*105,000*	*92.1*	*5 Ton*	*GUH92C110C5M*	*2587.84*

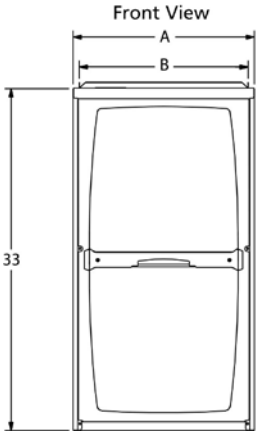
GUH97M Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

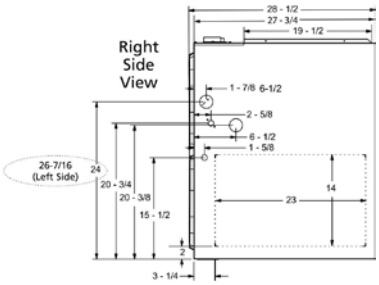
GUH92C	Dim. A	Dim. B	Dim. C	Dim. D
GUH92C045B3M	17-1/2"	16-3/8"	16"	9-5/16"
GUH92C070B3M	17-1/2"	16-3/8"	16"	9-5/16"
GUH92C090C4M	21"	19-7/8"	19-1/2"	11-5/16"
GUH92C110C5M	24-1/2"	23-3/8"	23"	11-5/16"

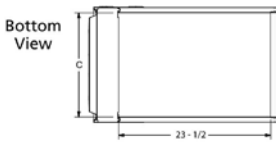
L.P. Conversion Kit

STOCK NO	EACH
11K50	*245.63*









Century Gas Furnaces

www.century-hvac.com



97% AFUE GUH97M Series Upflow/Horizontal

Heat Exchanger Design
- 409 stainless steel primary heat exchanger with crimped non-welded construction
- AL 29-4c stainless steel secondary heat exchanger

Cabinet Design
- Compact 33" height with standardized widths

Air Delivery System
- ECM variable speed blower motor
- Easily removable slide-out blower design
- Motor features "soft-start" and "soft-stop" for quiet operation
- Active and passive dehumidification feature

Controls
- Modulating gas valve
- Works with the conventional 24V T-Stat
- Self diagnostics saves last 10 fault codes regardless of power interruption

Venting
- Category 4 direct vent appliance (2 pipe only)

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

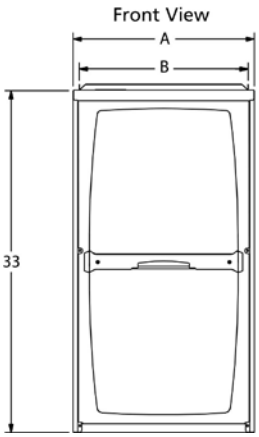
INPUT (BTUH)	OUTPUT (BTUH)	AFUE	NOM. COOLING CAPACITY	STOCK NO	PRICE
88,000	*85,000*	*97.0*	*4 Ton*	*GUH97M090C4M*	*5227.80*
110,000	*106,000*	*97.0*	*5 Ton*	*GUH97M110C5M*	*6072.01*
132,000	*127,000*	*97.0*	*5 Ton*	*GUH97M135D5M*	*6765.16*

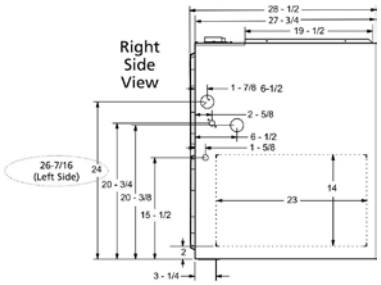
GUH97M Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

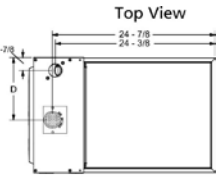
GUH97M	Dim. A	Dim. B	Dim. C	Dim. D
GUH97M070B3M	17-1/2"	16-3/8"	16"	7-5/8"
GUH97M090C4M	21"	19-7/8"	19-1/2"	9-3/8"
GUH97M110C5M	21"	19-7/8"	19-1/2"	9-3/8"
GUH97M135D5M	24-1/2"	23-3/8"	23"	11-1/8"

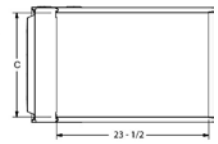
L.P. Conversion Kit

STOCK NO	EACH
68W77	*586.04*











97% AFUE GUH97T Series & 96% AFUE GUH96T Series Upflow/Horizontal

Heat Exchanger Design
- Aluminized steel primary heat exchanger with crimped non-welded construction
- AL 29-4C stainless steel secondary heat exchanger

Cabinet Design
- Compact 33" height with Standardized widths

Air Delivery System
- Efficient ECM variable speed blower motor
- Motor features "soft start" and "soft stop" for quiet operation
- Active and passive dehumidification feature
- Easily removable slide-out blower design

Controls
- Two stage gas valve with Integrated ignition and fan control
- Control board keeps last five (5) fault codes with push button memory recall
- Hot surface ignition system uses durable silicon nitride ignitor
- Control features electronic air cleaner and humidifier terminals

Venting
- Certified for direct vent (2-pipe) or non-direct (1-pipe) applications

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

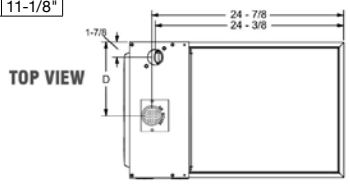
INPUT (BTUH) 1ST STAGE/2ND STAGE	OUTPUT (BTUH) 1ST STAGE/2ND STAGE	CAPACITY	NOM. COOLING STOCK NO	PRICE
29,000/44,000	*28,000/43,000*	*3 Ton*	*GUH97T045B3M*	*2575.12*
43,000/66,000	*41,000/62,000*	*3 Ton*	*GUH96T070B3M*	*2677.31*
57,000/88,000	*55,000/84,000*	*3 Ton*	*GUH96T090C3M*	*3081.98*
72,000/110,000	*70,000/105,000*	*5 Ton*	*GUH96T110C5M*	*3249.58*
88,000/132,000	*84,000/126,000*	*5 Ton*	*GUH96T135D5M*	*3393.15*

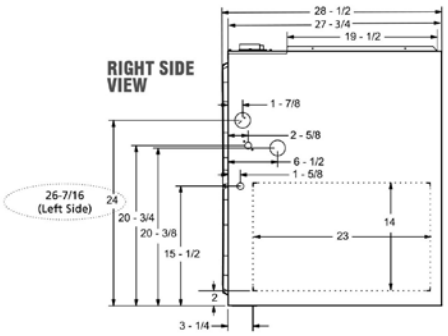
GUH96T Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

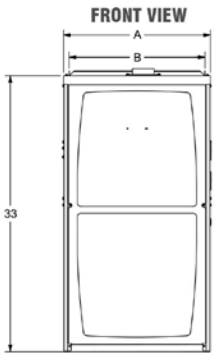
GUH96T	Dim. A	Dim. B	Dim. C	Dim. D
GUH97T045B3M	17-1/2"	16-3/8"	16"	7-5/8"
GUH96T070B3M	17-1/2"	16-3/8"	16"	7-5/8"
GUH96T090C3M	21"	19-7/8"	19-1/2"	9-3/8"
GUH96T110C5M	21"	19-7/8"	19-1/2"	9-3/8"
GUH96T135D5M	24-1/2"	23-3/8"	23"	11-1/8"

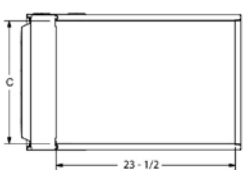
L.P. Conversion Kit

STOCK NO	EACH
11K48	*236.24*









Century Gas Furnaces

www.century-hvac.com

96% AFUE GUH96C Series Upflow/Horizontal



Heat Exchanger Design
- Aluminized steel design primary heat exchanger with crimped no weld construction, AL 29-4C Stainless steel secondary heat exchanger

Burner
- Aluminized steel inshot burners

Cabinet Design
- Compact 33" height with standardized widths

Air Delivery System
- Multi-speed high efficiency (constant torque) blower motor

Controls
- Single Stage Gas Valve
- Durable silicon nitride ignitor
- Self diagnostics saves last 5 fault codes regardless of power interruption
- Control features electronic air cleaner and humidifier terminals

Venting
- Designed certified for direct (2-pipe) and non direct (1-pipe) applications

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

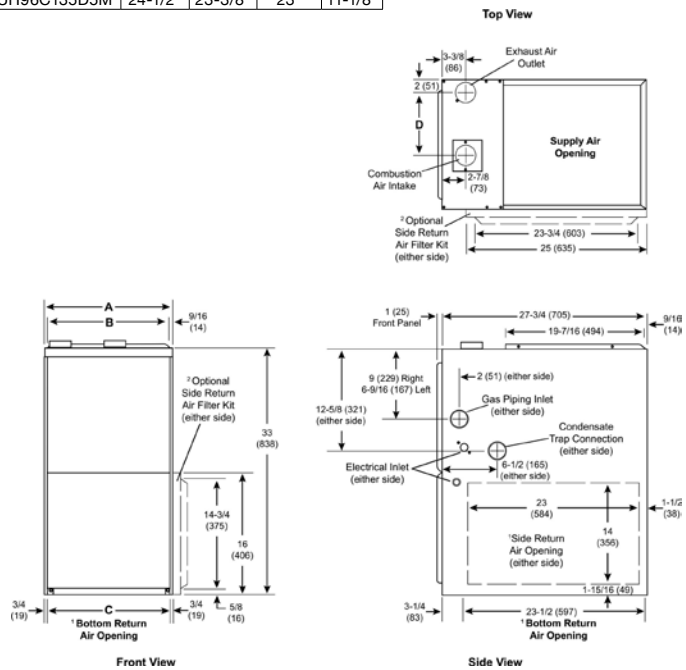
INPUT (BTUH)	OUTPUT (BTUH)	AFUE	NOM. COOLING CAPACITY	STOCK NO	PRICE
44,000	*42,800*	*96.0*	*3 Ton*	*GUH96C045B3M*	*2409.62*
66,000	*63,900*	*96.0*	*3 Ton*	*GUH96C070B3M*	*2458.94*
88,000	*85,600*	*96.0*	*4 Ton*	*GUH96C090C4M*	*2542.46*
110,000	*107,200*	*96.0*	*5 Ton*	*GUH96C110C5M*	*2751.15*
132,000	*127,000*	*96.0*	*5 Ton*	*GUH96C135D5M*	*3149.61*

GUH96C Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

GUH96C	Dim. A	Dim. B	Dim. C	Dim. D
GUH96C045B3M	17-1/2"	16-3/8"	16"	7-5/8"
GUH96C070B3M	17-1/2"	16-3/8"	16"	7-5/8"
GUH96C090C4M	21"	19-7/8"	19-1/2"	9-3/8"
GUH96C110C5M	21"	19-7/8"	19-1/2"	9-3/8"
GUH96C135D5M	24-1/2"	23-3/8"	23"	11-1/8"

L.P. Conversion Kit

STOCK NO	EACH
11K50	*245.63*



96% AFUE GDD96C Series Downflow



Heat Exchanger Design
- Aluminized steel design primary heat exchanger with crimped no weld construction, AL 29-4C Stainless steel secondary heat exchanger

Burner
- Aluminized steel inshot burners

Cabinet Design
- Compact 33" height with standardized widths

Air Delivery System
- Multi-speed high efficiency (constant torque) blower motor

Controls
- Single Stage Gas Valve
- Durable silicon nitride ignitor
- Self diagnostics saves last 5 fault codes regardless of power interruption
- Control features electronic air cleaner and humidifier terminals

Venting
- Designed certified for direct (2-pipe) and non direct (1-pipe) applications

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

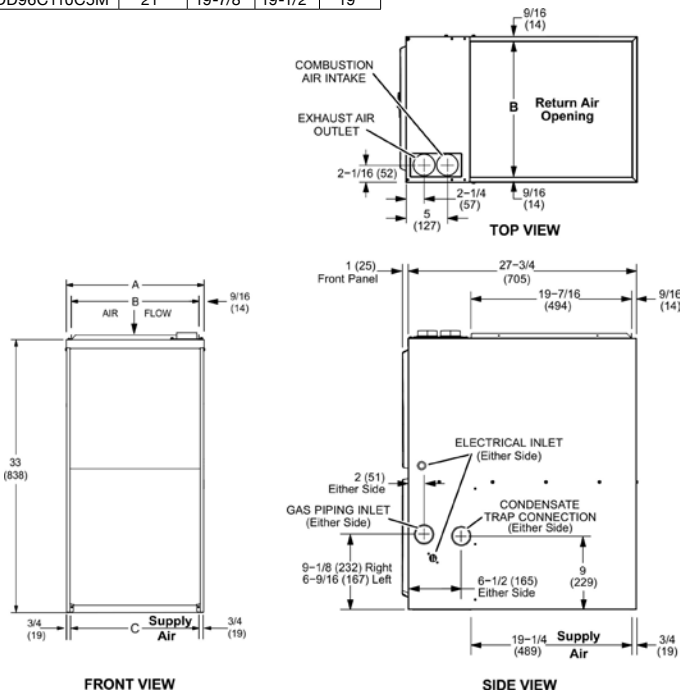
INPUT (BTUH)	OUTPUT (BTUH)	AFUE	NOM. COOLING CAPACITY	STOCK NO	PRICE
44,000	*42,000*	*96.0*	*3 Ton*	*GDD96C045B3M*	*2626.95*
66,000	*64,000*	*96.0*	*4 Ton*	*GDD96C070B4M*	*2769.48*
88,000	*86,000*	*96.0*	*4 Ton*	*GDD96C090C4M*	*3441.50*
110,000	*108,000*	*96.0*	*5 Ton*	*GDD96C110C5M*	*3543.32*

GDD96C Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

GDD96C	Dim. A	Dim. B	Dim. C	Dim. D
GDD96C045B3M	17-1/2"	16-3/8"	16"	15-1/2"
GDD96C070B3M	17-1/2"	16-3/8"	16"	15-1/2"
GDD96C090C4M	21"	19-7/8"	19-1/2"	19"
GDD96C110C5M	21"	19-7/8"	19-1/2"	19"

L.P. Conversion Kit

STOCK NO	EACH
11K50	*245.63*



Century Gas Furnaces

www.century-hvac.com



80% AFUE GUH80C Series Upflow/Horizontal

Heat Exchanger
- Aluminized steel tapered crimped non-welded clam shell design

Burners
- Aluminized steel inshot burners for smooth ignition

Cabinet Design
- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System
- Multi-speed high efficiency (constant torque) blower motor

Controls
- Single stage gas valve
- Durable silicon nitride ignitor
- Self diagnostics saving last 10 fault codes regardless of power interruption

Venting
- Rotatable draft inducer for venting flexibility

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

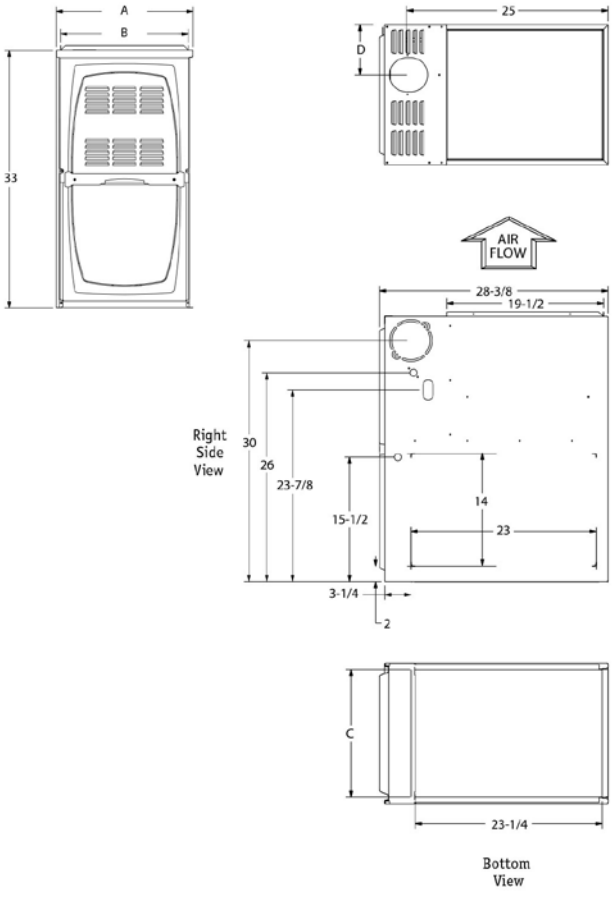
INPUT (BTUH)	OUTPUT (BTUH)	AFUE	NOM. COOLING CAPACITY	STOCK NO	PRICE
44,000	*35,200*	*80.0*	*1½ - 3 Ton*	*GUH80C045A3M*	*1516.10*
66,000	*52,800*	*80.0*	*1½ - 3 Ton*	*GUH80C070B3M*	*1603.33*
88,000	*70,400*	*80.0*	*2½ - 4 Ton*	*GUH80C090B4M*	*1720.77*
88,000	*70,400*	*80.0*	*3 - 5 Ton*	*GUH80C090C5M*	*1798.32*
110,000	*88,000*	*80.0*	*4 - 5 Ton*	*GUH80C110C5M*	*1880.55*
132,000	*105,600*	*80.0*	*4 - 5 Ton*	*GUH80C135D5M*	*2161.69*

GUH80C Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

GUH80C	Dim. A	Dim. B	Dim. C	Dim. D
GUH80C045A3M	14-1/2"	13-3/8"	13"	4-3/4"
GUH80C070B3M	17-1/2"	16-3/8"	16"	6-1/4"
GUH80C090B4M	17-1/2"	16-3/8"	16"	6-1/4"
GUH80C090C5M	21"	19-3/8"	19-1/2"	8"
GUH80C110C5M	21"	19-3/8"	19-1/2"	8"
GUH80C135D5M	24-1/2"	23-3/8"	23"	9-3/4"

L.P. Conversion Kit

STOCK NO	EACH
11K50	*245.63*





80% AFUE GDD80C Series Downflow

Heat Exchanger
- Aluminized steel tapered crimped non-welded clam shell design

Burners
- Aluminized steel inshot burners for smooth ignition

Cabinet Design
- Compact 33" height
- Standardized widths for easy coil fit

Air Delivery System
- Multi-speed high efficiency (constant torque) blower motor

Controls
- Single stage gas valve
- Durable silicon nitride ignitor
- Self diagnostics saving last 10 fault codes regardless of power interruption

Venting
- Rotatable draft inducer for venting flexibility

Natural Gas ½" Inlet • 120V / 60Hz / 1 Phase

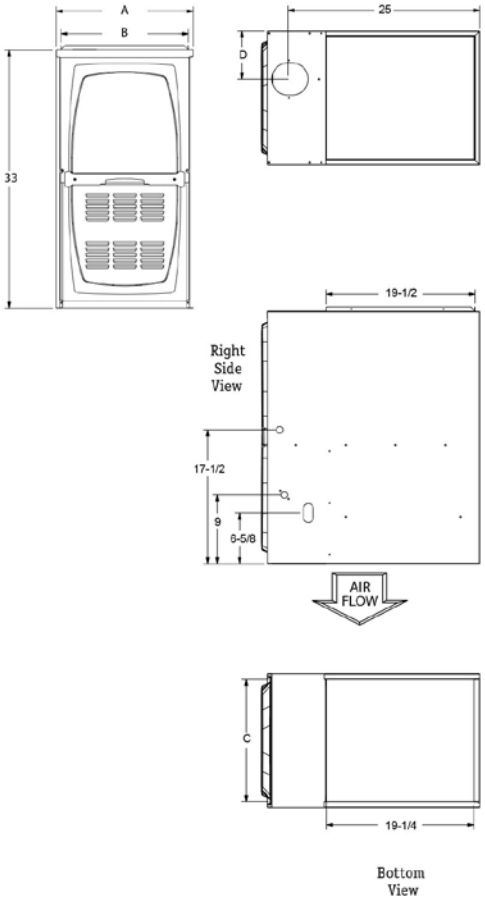
INPUT (BTUH)	OUTPUT (BTUH)	AFUE	NOM. COOLING CAPACITY	STOCK NO	PRICE
44,000	*35,200*	*80.0*	*2 - 3 Ton*	*GDD80C045A3M*	*2252.53*
66,000	*52,800*	*80.0*	*2 - 3 Ton*	*GDD80C070B3M*	*2612.71*
88,000	*70,400*	*80.0*	*3 - 4 Ton*	*GDD80C090B4M*	*2756.80*
110,000	*88,000*	*80.0*	*4 - 5 Ton*	*GDD80C110C5M*	*2953.71*

GUH80C Warranty	Parts	Heat Exchanger
Factory Registered	6 Years	20 Years

GUH80C	Dim. A	Dim. B	Dim. C	Dim. D
GDD80C045A3M	14-1/2"	13-3/8"	13"	4-3/4"
GDD80C070B3M	17-1/2"	16-3/8"	16"	6-1/4"
GDD80C090B4M	17-1/2"	16-3/8"	16"	6-1/4"
GDD80C110C5M	21"	19-7/8"	19-1/2"	8"

L.P. Conversion Kit

STOCK NO	EACH
11K50	*245.63*



Century Condensing Units

www.century-hvac.com



RSG17 R-Series

Compressor
- High-efficiency scroll compressor
- Internally protected against high temperature motor overload conditions

Cabinet
- Full metal louvered to protect the coil
- Individual louver panels; for cleaning/service
- Corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability
- 45-degree offset valves for easy service

Coils
- Total corrosion protection technology
- Enhanced tube-and-fin coil design
- Lanced fins for maximum heat transfer
- Raised coil prevents debris

Components
- Factory installed high/low pressure switches
- Thread-on pressure switches with Schrader core for simple, quick replacement
- Filter drier shipped loose
- Fan orifice for smoother airflow/sound reduction
- Charged for 15 feet of line set

17 SEER • R-410A • 208/230v • 1 Phase • 60Hz

SIZE	STOCK NO	EACH
1.5	RSG1718S1R	2827.92
2.0	RSG1724S1R	3285.35
2.5	RSG1730S1R	3697.08
3.0	RSG1736S1R	4125.42
3.5	RSG1741S1R	4813.34
4.0	RSG1747S1R	5270.07

RSG17	18K	25K	30K	36K	42K	48K
Height	29.25	37.25	29.25	37.25	33.25	33.25
Width	28.25	28.25	28.25	28.25	32.25	32.25
Depth	28.25	28.25	28.25	28.25	32.25	32.25
Weight	155	170	180	200	225	225

RSG14 Warranty	Parts	Compressor
Factory Registered	6 Years	12 Year



RSG14 R-Series

Compressor
- High-efficiency scroll compressor
- Heavy-duty compressor sound blanket
- Internally protected against high temperature motor overload conditions

Cabinet
- Full metal louvered to protect the coil
- Individual louver panels; for cleaning/service
- Corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability

Coils
- Total corrosion protection technology
- Enhanced tube-and-fin coil design
- Lanced fins for maximum heat transfer

Components
- Factory installed high/low pressure switches
- Thread-on pressure switches with Schrader core for simple, quick replacement
- Filter drier shipped loose
- Fan shroud for smoother airflow/sound reduction
- Charged for 15 feet of line set
- 45-degree offset valves for easy servic

14 SEER • R-410A • 208/230v • 1 Phase • 60Hz

SIZE	STOCK NO	EACH
1.5	RSG1418S1R	2272.79
2.0	RSG1424S1R	2318.52
2.5	RSG1430S1R	2528.87
3.0	RSG1436S1R	2780.38
3.5	RSG1442S1R	3216.29
4.0	RSG1448S1R	3549.49
5.0	RSG1460S1R	4406.18

RSG14	18K	25K	30K	36K	42K	48K	60K
Height	29	29	37	29	37	37	43
Width	24.25	28.25	28.25	28.25	28.25	28.25	32.25
Depth	24.25	28.25	28.25	28.25	28.25	28.25	32.25
Weight	134	154	169	181	211	218	226

RSG14 Warranty	Parts	Compressor
Factory Registered	6 Years	12 Year

Century Evaporator Coils (360F)

www.century-hvac.com

Cased Coils



MCG Series Coils • R-410A

- Rifled copper tubing, enhanced aluminum fins
- Immersion-tested at 500 psi, the nitrogen-pressurized and sealed
- Right-hand refrigerant and plumbing connections
- Externally mounted flowrater body with Schrader valve for hiss-testing
- Heavy duty plastic drain pans on most models
- Upflow, horizontal right, or horizontal left without field model modification. Downflow application require plate kit, included.
- Painted cabinets feature furnace connectors
- Fully insulated cabinets with faced insulation
- Split access doors in front for easy service
- AHRI certifiable with all brands of A/C and heat pump systems
- ETL listed for use with both R-22 and R-410a when proper metering device is used

TON	WIDTH	HEIGHT	STOCK NO	EACH
Factory installed TXV				
1.5-2	14½"	16½"	MCG1824TA1P	1137.63
1.5-2	17½"	16½"	MCG1824TB1P	1137.63
2-2.5	17½"	16½"	MCG2430TB3P	1164.36
2-2.5	21"	16½"	MCG2430TC3P	1164.36
2	17½"	16½"	MCG24TB4P	1206.36
3	17½"	20½"	MCG36TB7P	1527.04
3	21"	20½"	MCG36TC7P	1527.04
2.5-3	17½"	16½"	MCG3036TB4P	1225.44
2.5-3	21"	16½"	MCG3036TC4P	1225.44
3.5-4	21"	25½"	MCG4248TC8P	1611.02
3.5-4	21"	25½"	MCG4248TCBP	1771.60
3.5-4	24½"	25½"	MCG4248TD8P	1611.02
4	21"	27½"	MCG48TCFP	1756.09
4	24½"	27½"	MCG48TDFP	1756.09
5	21"	31½"	MCG60TCBP	1840.10
5	24½"	31½"	MCG60TDBP	1840.10

(360K)

Flowrator Size for R410A - 0.053				
1.5-2	17½"	16½"	MCG1824PB1P	935.31
Flowrator Size for R410A - 0.067				
2.5-3	17½"	16½"	MCG3036PB4P	1034.56



MCD Series Coils • R-410A

- Rifled copper tubing with aluminum fins
- Fully insulated cabinet
- Heavy duty corrosion resistant drain pan
- Vertical or horizontal drain connections

For use with VCD heat pump split systems

TON	WIDTH	HEIGHT	STOCK NO	EACH
1.5-2	17½"	18"	MCD1824B1A	1528.38
2.5-3	21"	24"	MCD3036C1A	1645.93

Aspen Uncased Evaporator Coils (25a)

Designed for upflow and downflow applications.
Standard refrigerant connections:
⅜" ODS liquid line, ⅞" ODS suction line.
One ¾" MPT condensate drain.

(25a)

Aspen CA Series

R-410A • "A" Coils

W X D X H IN INCHES	STOCK NO	EACH
Cooling "A" Coils		
16"x19⅜"x15½"	CA30A34160RR410	757.55
16"x19⅜"x17½"	CA36A34160RR410	803.93

Aspen Downflow Kits

Call for application use of metal vs. plastic.

SIZE	STOCK NO	EACH
Metal drain pans	DWNFLWM16	18.32
Plastic drian pans	DWNFLWP	9.16

Insulated Line Sets (25a)



UV Abrasion and weather resistant polymeric jacket

SIZE	STOCK NO	EACH
3/4" x 3/8" UV Insulated Linesets		
¾ x ⅜ x 25'	3438X2512STD	223.26
¾ x ⅜ x 35'	3438x3512STD	300.27
¾ x ⅜ x 50'	3438x5012STD	404.18
7/8" x 3/8" UV Insulated Linesets		
⅞ x ⅜ x 25'	7838X2512STD	289.53
⅞ x ⅜ x 35'	7838X3512STD	389.37
⅞ x ⅜ x 50'	7838X5012STD	524.17
1-1/8" x 3/8" Standard Black Insulated Linesets		
1⅛ x ⅜ x 25'	11838X2512	411.48
1⅛ x ⅜ x 35'	11838X3512	648.23
1⅛ x ⅜ x 50'	11838X5012	714.69
3/4" x 3/8" Black 3/4" UV Insulated Linesets Sioux Falls Approved		
¾" x ⅜" x 35'	3438X3534STD	352.75
¾" x ⅜" x 50'	3438X5034STD	463.73
⅞" x ⅜" x 35'	7838X3534STD	426.14
⅞" x ⅜" x 50'	7838X5034STD	572.81

Double Insulated

Omaha Approved Duraguard UV™ Insulated Linesets

SIZE	STOCK NO	EACH
⅜ x ¾ x 35'	3438X3534BL	401.95
⅜ x ⅞ x 35'	7838X3534BL	485.79
⅜ x ¾ x 50'	3438X5034BL	539.22
⅜ x ⅞ x 50'	7838X5034BL	657.85

See page 624 For Suction Only Line Sets

Adhesives

See page 828 for SPVC Line Set Tape

No 520 Armaflex

DESCRIPTION	STOCK NO	EACH
Pint	PTRUAD	24.61
Quart	QTRUAD	36.91

Clamps



(29)

Thermo-Snap Clamp

Pre-mounted brackets designed for pipe mounting jobs. *(Bag of 5)*

SIZE	STOCK NO	EACH
2"	TSC2	8.40

Century Heat Pumps & Air Handlers

www.century-hvac.com

18 SEER HRG18 P-Series



Factory-installed TXV

- Inverter-driven compressor for true variable capacity operation.
- Internally protected against high temperature motor overload conditions
- Heavy-duty compressor sound blanket for quiet operation
- Designed for ambients up to 125°F
- All units ETL and ETLC approved and AHRI lis
- Service valves positioned for quick installation and easy service
- High and low pressure switches factory installed
- Factory installed filter dryer

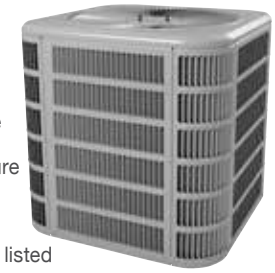
18 SEER • R-410A • 208/230v • 1 Phase • 60Hz

SIZE	STOCK NO	EACH
2-3 Ton	HRG1836S1P	7102.28
4-5 Ton	HRG1860S1P	9521.78

HRG18	36K	60K
H	33.75	43.75
W	29.875	29.875
D	31.5	31.25

HRG18 Warranty	Parts	Compressor
Factory Registered	6 Years	12 Year

15 SEER HRG15 R-Series



High-efficiency scroll compressor

- Inverter-driven compressor for true variable capacity operation.
- Internally protected against high temperature motor overload conditions
- Designed to perform in temperatures up to 125°F down to 0°F
- All units ETL and ETLC approved and AHRI listed
- Charged for 15 feet of line set
- High and low pressure switches factory installed
- Factory installed filter dryer

15 SEER • R-410A • 208/230v • 1 Phase • 60Hz

SIZE	STOCK NO	EACH
1.5 Ton	HRG1518S1R	3299.13
2 Ton	HRG1524S1R	3358.69
2.5 Ton	HRG1530S1R	3606.14
3 Ton	HRG1536S1R	4004.76
3.5 Ton	HRG1542S1R	4640.50
4 Ton	HRG1548S1R	5080.79
5 Ton	HRG1560S1R	5569.54

HRG15	18K	24K	30K	36K	42K	48K	60K
H	43	43	33	33	38	38	43
W	28.25	28.25	28.25	32.25	32.25	32.25	32.25
D	28.25	28.25	28.25	32.25	32.25	32.25	32.25

HRG15 Warranty	Parts	Compressor
Factory Registered	6 Years	12 Year



(360N)

VCD-Series Hyper Heat Heat Pump

- Efficiencies as high as 18 SEER2
- Charged for 25 feet of interconnecting tubing
- Heavy-duty inverter compressor

R-410A • 208/230v • 1 Phase • 60Hz

COOLING CAP. (BTUH)	SEER2	EER2	STOCK NO	EACH
18,000	18.0	12.4	AVCD18SA1CY	1832.10
24,000	17.4	11.7	AVCD24SA1CY	2427.09
30,000	16.2	10.0	AVCD30SA1CY	2946.47
36,000	16	10.0	AVCD36SA1CY	4170.62
Heat Pump Defrost Control			67M41	102.67

A-VCD	18K	24K	30K	36K
H	26.50	31.89	31.89	52.48
W	35.04	37.24	37.24	37.48
D	13.46	16.14	16.14	16.34

A-VCD Warranty	Parts	Compressor
Factory Registered	10 Years	10 Year

HCG**V1P-Series Air Handlers



Variable-Speed ECM

- External access to heater circuit breakers
- Multi-position = Upflow/Horizontal Left/Right
- Polymer plugs on drain locations for installation
- High-strength/heat resistant/corrosion resistance SMC drain pans
- Enhanced tube-and-fin coil design featuring MHT™ Technology
- Variable speed blower motor (constant air flow)
- Field installed 5 - 20kW electric heat kits with easy plug connections
- Built-in indoor time delay for increased efficiency
- Sleeves on distributor tubing to protect tubes
- Single point power kit

SIZE	STOCK NO	EACH
2.0 ton	HCG24V1P	3119.81
3.0 ton	HCG36V1P	3555.29
4.0 ton	HCG48V1P	3986.57
5.0 ton	HCG60V1P	5174.16

HCG**V1P-Series	24K	36K	48K	60K
Nominal cooling capacity - BTUh 1	24000	36000	48000	60000
Volts/Hz/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Max. Elec. HEat Available (kW)	10	15	20	20
Transformer Size & Type	40VA Class 2	40VA Class 2	40VA Class 2	40VA Class 2
Filter Size (inches)	15 x 20 x 1	18 x 20 x 1	18 x 20 x 1	18 x 20 x 1
Refrig. Connection (IDS) Suction (in.)	3/4	7/8	7/8	7/8
Refrig. Connection (IDS) Liquid (in.)	3/8	3/8	3/8	3/8
Installed TXV Size	H4TXV01	H4TXV02	H4TXV02	H4TXV03
Weight (lbs.)	127	163	186	186
Height (inches)	45-1/2	53-5/8	55	59-3/4
Width (inches)	18-1/2	21-1/2	21-1/2	21-1/2

HMG**X1P-Series Air Handlers



Constant-Torque ECM

- External access to heater circuit breakers
- Multi-position = Upflow/Horizontal Left/Right
- Polymer plugs on drain locations for installation
- High-strength/heat resistant/corrosion resistance SMC drain pans
- Enhanced tube-and-fin coil design featuring MHT™ Technology
- Efficient Constant Torque blower motors
- Field installed 2.5, 5, 7.5, 10, 12.5, 15, and 20 kW electric heat kits
- Built-in indoor time delay for increased efficiency
- Sleeves on distributor tubing to protect tubes
- Single point power kit

SIZE	STOCK NO	EACH
2.0 ton	HMG24X1P	2590.24
2.5 ton	HMG30X1P	2685.47
3.0 ton	HMG36X1P	2916.28
3.5 ton	HMG42X1P	3106.82
4.0 ton	HMG48X1P	3143.45
5.0 ton	HMG60X1P	4066.71

HMG**X1P-Series	24K	30K	36K	42K	48K	60K
Nominal cooling capacity - BTUh 1	24000	30000	36000	42000	48000	60000
Volts/Hz/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Max. Elec. HEat Available (kW)	10	15	15	15	20	20
Transformer Size & Type	40VA Class 2	40VA Class 2	40VA Class 2	40VA Class 2	40VA Class 2	40VA Class 2
Filter Size (inches)	15 x 20	15 x 20	18 x 20	18 x 20	18 x 20	18 x 20
Refrig. Connection (IDS) Suction (in.)	3/4	3/4	7/8	7/8	7/8	7/8
Refrig. Connection (IDS) Liquid (in.)	3/8	3/8	3/8	3/8	3/8	3/8
Installed TXV Size	H4TXV01	H4TXV01	H4TXV02	H4TXV02	H4TXV02	H4TXV03
Weight (lbs.)	127	133	163	168	186	186
Height (inches)	45-1/2	47	53-5/8	53-5/8	55	59-3/4
Width (inches)	18-1/2	18-1/2	21-1/2	21-1/2	21-1/2	21-1/2

Electric Heat Kits with Circuit Breaker

SIZE	MODEL	C/B SIZE	STOCK NO	EACH
5kW	ECBA25-5CB	30A	16Y39	221.69
7.5kW	ECBA25-7.5CB	45A	16Y41	243.09
10kW	ECBA25-10CB	60A	16Y42	264.46
12.5kW	ECBA25-12.5CB	50A + 25A	16Y43	358.84
15kW	ECBA25-15CB	60A + 25A	16Y44	417.52
20kW	ECBA25-20CB	60A + 50A	16Y46	482.01

BOVA Series
Air to Air Heat Pumps



- Inverter Driven Rotary Compressor delivers up to 18 SEER
- Inverter Compressor (26%-110% Speed) Modulation in 1% Increments
- Compressor Sound Blanket
- 10-year Residential Limited Warranty

R-410A Outdoor Condensing Units • 208/230v • 1 Phase • 60Hz

SIZE	COOLING TOTAL	SEER	EER	STOCK NO	EACH
3 Ton	32400	14.5-15.0	10.0-11.5	BOVB36	3527.04

BOVB18 Outdoor Unit + BMAC Cased Coil Only AHRI 210/240 Performance Data

Outdoor Unit Model	Cased Coil Model	Cooling Capacity			Heating Capacity			
		Cooling Total	Capacity SEER	(BTU/H) EER	HI	HSPF	LOW	CFM
BOVB 36	2430B	23400	15.0	11.5	24000	9.0	17200	700
BOVB 36	3036B	32400	14.5	10.0	35000	9.0	23000	1000
BOVB 36	3036C	32400	14.5	10.0	35000	9.0	23000	1000

BMAC Series Cased Coils • R-410A Refigerant

SIZE	PAIRING MODEL	SEER	EER	CFM	STOCK NO	EACH
17½"	BOVA36 2-2½ Ton	15	11.5	700	BMAC2430BNTD	798.86
17½"	BOVA36 3-3½ Ton	14.5	10	1000	BMAC3036BNTD	822.10
21"	BOVA36 3-3½ Ton	14.5	10	1000	BMAC3036CNTD	939.84
21"	BOVA60 3½-4 Ton	16	11	1300	BMAC4248CNTF	1105.10
21"	BOVA60 4-4½ Ton	16	10.5	1300	BMAC4860CNTF	1258.75
24½"	BOVA60 4-4½ Ton	16	10.5	1500	BMAC4860DNTF	1267.73

IDS 2.0 Series
Air to Air Heat Pumps



- Ultra-efficient inverter drive system offers up to 20.5 SEER and 10.5 HSPF
- Variable capacity control to precisely match the cooling/heating load
- Sound levels as low as 56 dBA
- 10-year Residential Limited Warranty

R-410A Outdoor Condensing Units • 208/230v • 1 Phase • 60Hz

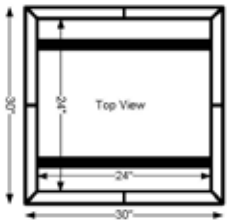
SIZE	COOLING/HEATING BTU/H	SEER	EER	STOCK NO	EACH
3 Ton	34,600/34,200	20-20.5	12.5-14	BOVA36M20	4193.38
5 Ton	54,500/56,000	19-20	12.5-13.5	BOVA60M20	5409.89

Inverter Ducted Split AHRI 210/240 Performance Data

Outdoor Unit Model	Indoor Air Handler Model	Cooling Capacity			Heating Capacity			
		Cooling Total	Capacity SEER	(BTU/H) EER	HI	HSPF	LOW	CFM
BOVA 36	24	24000	20.5	14	24000	10.5	23000	860/680
BOVA 36	36	34600	20	12.5	34200	10.5	28000	1150/820
BOVA 60	48	47000	20	13.5	48000	10.5	40000	1530/1150
BOVA 60	60	57000	19	12.5	56000	10.5	44000	1750/1350

(39)

Universal Reversible Heat Pump Stand



- Reversible adjustable brackets
- Powder coated
- Durable
- 10" Height

STOCK NUMBER	EACH
UNV2430	192.00

Electrical Heat Kits

Double Pole Breaker

SIZE	STOCK NO	EACH
5kW	EHK05A	162.62
7.5kW	EHK08A	205.39
10kW	EHK10B	226.51
15kW	EHK15B	368.02
20kW	EHK20B	430.85



Surge Protector

STOCK NO	EACH
ICM517	100.41

BVA 2.0 Series
Indoor Air Handlers



The Bosch Inverter Ducted Split system is one of the quietest air-to-air systems on the market. Through the use of foil-faced air handler cabinet insulation, silent blade technology, sound isolating mounts and outdoor condensing section placement - the system can deliver sound levels as low as 56dB - which is far superior to any standard system on the market.

R410A • Multi-speed ECM blower • TXV Metering

SIZE	STOCK NO	EACH
2.0 ton	BVA24WN1M20	2222.35
3.0 ton	BVA36WN1M20	2853.84
4.0 ton	BVA48WN1M20	2963.66
5.0 ton	BVA60WN1M20	4056.10

BVA Models	BVA024	BVA036	BVA048	BVA060
Cooling Capacity				
Nominal Cooling (BTU/h)	24,000	34,600	47,500	54,500
Nominal Heating (BTU/h)	24,000	34,200	48,000	55,000
Blower				
Diameter	10-5/8"	10-63/64"	10-63/64"	10-63/64"
Width	8-5/32"	10-63/64"	10-63/64"	10-63/64"
Fan Motor				
Horsepower (HP)	1/3	1/2	3/4	3/4
Full Load Amps	2.6	3	4.5	4.5
Refrigeration System				
Refrigerant Line Size'				
Liquid Line Size (O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size (O.D.)	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size				
Liquid Line Size (O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size (O.D.)	3/4"	3/4"	7/8"	7/8"
Expansion Device [TXV=Thermal Expansion Valve]	TXV	TXV	TXV	TXV
Decibels dB(A)				
HighSpeed	63	65	67	68
Medium Speed	59	62	63	64
LcmSpeed	55	58	59	60
Electrical Data				
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity'	3.3	3.8	5.7	5.7
Max. Overcurrent Protection 3	15	15	15	15
Min/ Max Volts	172V/270V	172V/270V	172V/270V	172V/270V
Air Filter				
Air Filter Sizes	18" x 20"	18" x 20"	20" x 22"	20" x 22"
Weight				
Equipment Weight (lbs)	119	126	162	170
Ship Weight (lbs) 4	132	139	180	188
Dimensions				
Unit D x W x H (in.)	21-5/8 x 19-5/8 x 46-1/2		24 x 22 x 54-1/2	



BGH96 Gas Furnace

- Up to 96% AFUE heating efficiency, ENERGY STAR rated
- 5-year parts limited warranty, 20 year heat exchanger limited warranty
- Reliable, proven two-stage design
- 3-way multipoise design allows for flexibility in multiple types of installs
- Natural gas to propane gas conversion kit included
- 2 stage gas valve with ECM motors for all models
- Hot-surface ignition for dependable operation
- Durable aluminized steel tubular heat exchanger and stainless-steel secondary heat exchanger
- Pairs with Bosch BOVA15, BOVB18 or BOV*20 heat pumps, achieving a SEER2 rating of up to 18.5 and a HSPF2 rating of up to 9.0
- Low profile cabinet construction allows for installation in tight spaces.
- LED fault diagnostics for quick and easy service calls

Two-stage gas valve • Multi-speed blower

INPUT BTU/H (HIGH)	OUTPUT BTU/H (HIGH)	STOCK NO	EACH
60,000	57,000	BGH96M060B3B	2418.77
80,000	76,000	BGH96M080B3B	2492.16
100,000	95,000	BGH96M100C5B	2839.06

Fujitsu Single Zone Units (330b)

www.fujitsu-general.com/us

Halcyon™ Wall Mounted Entry Level Units

Stylish, slim and elegant, these popular wall mounted units are designed for single rooms. Indoor units have a clean, aesthetic design and are small but mighty and shorter in length than competing units, helping them blend into any room. These 16-SEER heat pump systems now feature Inverter technology, environmentally friendly R410A refrigerant, both heating and cooling operation, quiet mode and easy maintenance.



(Actual equipment appearance may vary)

Indoor Units

Wireless Controller Included • Washable Panel Filter

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
9,000	10,000	ASUH09LPAS	581.85
12,000	14,000	ASUH12LPAS	626.47
18,000	18,000	ASUH18LPAS	1017.47
24,000	24,000	ASUH24LPAS	1099.26
30,000	30,000	ASUH30LPAS	1259.75

Outdoor Units

SEER/EER	HSPF	HEATING	STOCK NO	EACH
R410A • 208-230 V • 1 Phase				
20.0/12.5	11.0	5 - 75°F	AOUH09LPAS1	616.55
20.0/11.0	11.0	5 - 75°F	AOUH12LPAS1	663.03
20.0/12.0	11.0	5 - 75°F	AOUH18LPAS1	1076.95
18.0/9.8	11.0	5 - 75°F	AOUH30LPAS1	1889.31
18.0/8.1	11.0	5 - 75°F	AOUH36LPAS1	2518.88

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Mini-Split Thermostat Wire

DESCRIPTION	STOCK NO	EACH
14 Gauge • Mini-Split Tray Cable • 600v		
14/4 50' coil	50MINSPWI	65.89
14/4 250' coil	250MINSPWI	321.61

See page 901 for Wi-Fi Thermostat

See Fujitsu Catalog for complete line set chart for Multi-Zone

See page 629 for Wall Bracket

Fujitsu Line Set Chart	
Indoor Unit	Line Set Size
7,000 BTU	1/4" x 3/8"
9,000 BTU	1/4" x 3/8"
12,000 BTU	1/4" x 3/8"
14,000 BTU	3/8" x 5/8"
18,000 BTU	3/8" x 5/8"
22,000 BTU	3/8" x 5/8"
24,000 BTU	3/8" x 5/8"
30,000 BTU	3/8" x 5/8"
33,000 BTU	3/8" x 5/8"
Floor 14,200 BTU	1/4" x 1/2"
Cassett 18,000 BTU	1/4" x 1/2"
Slim Duct 18,000 BTU	1/4" x 1/2"
LPAS 18,000 BTU	1/4" x 1/2"
LPAS 24,000 BTU	1/4" x 1/2"

Halcyon™ Wall Mounted Entry Level Units 115v



(Actual equipment appearance may vary)

Indoor Units

Wireless Controller Included • Washable Panel Filter

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
9,000	10,000	ASU9RL2	457.30
12,000	14,000	ASU12RL2	492.62

Outdoor Units

SEER/EER	HSPF	HEATING	STOCK NO	EACH
R410A • 115V • 1 Phase				
16.0/10.9	9.0	15 - 75°F	AOU9RL2	685.95
16.0/10.0	9.0	15 - 75°F	AOU12RL2	738.00

Mini-Split Line Sets (25a)



Duraguard UV Solar Resistant Linesets

½" polyethylene wall • R-410A engineered
Meets ASTM E 84 25/50, 2012/2015 IECC
(Res. + Comm.), ASTM G153, UL 94 (fire stop)

SIZE	STOCK NO	EACH
1/4" x 164'	14X164SLOUV	375.06
3/8" x 164'	38X164SLOUV	539.53
1/2" x 164'	12X164SLOUV	721.14
5/8" x 164'	58X164SLOUV	914.38



(25A)

Mini-Split UV Insulated Linesets - Plain Ends

Both lines are insulated with ½" elastomeric insulation.

LIQUID LINE	SUCTION LINE	INSULATION	LENGTH	STOCK NO	EACH
1/4"	1/2"	1/2"	25'	1412X2512MS	191.58
1/4"	1/2"	1/2"	50'	1412X5012MS	350.39
1/4"	3/8"	1/2"	25'	1438X2512MS	185.33
1/4"	3/8"	1/2"	50'	1438X5012MS	339.07
1/4"	5/8"	1/2"	25'	1458X2512MS	226.15
1/4"	5/8"	1/2"	50'	1458X5012MS	395.15
3/8"	5/8"	1/2"	25'	3858X2512MS	220.13
3/8"	5/8"	1/2"	50'	3858X5012MS	397.51

(330C)

Halcyon™ Wall Mounted Extra Low Temp Heating Units

Powerful Heating Down to -15°F Outdoor Temperatures
Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor. Rated heating capacity is maintained up to 20°F. This new model can operate down to -15°F.



(Actual equipment appearance may vary)

Indoor Units

Wireless Controller Included • Powerful Heating

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
9,000	12,000	ASUG09LZBS	718.17
12,000	16,000	ASUG12LZBS	790.67
14,500	18,000	ASUG15LZBS	852.03
18,000	21,600	ASU18RLF	1092.44
22,000	25,200	ASU24RLF	1163.70

Outdoor Units

R410A • 208-230 V • 1 Phase

SEER/EER	HSPF	HEATING	STOCK NO	EACH
33.1/18.0	14.0	-15 - 75°F	AOUG09LZAH1	1316.14
29.4/15.2	13.8	-15 - 75°F	AOUG12LZAH1	1436.35
20.0/13.3	10.4	-15 - 75°F	AOU18RLXFWH	1851.51

(24)

Mighty Bracket



Mini-split installation support tool
- Allows single person installation
- Simple clip on support
- Does not damage walls
- Use on most brands of mini-splits
- Folds for easy storage and includes tote bag

LOAD CAPACITY	STOCK NO	EACH
300 lbs	RE97705	234.63

Halcyon™ Compact Cassette Units or Slim Duct Units

High durability of indoor unit is achieved by using HCRC (High Corrosion Resistant Copper) for the indoor unit heat exchanger. Through accelerated lab tests, testing has proven to show that HCRC (High Corrosion Resistant Copper) is resilient and stronger than the standard and Oxygen-Free Copper when exposed to corrosive environments.



(Actual equipment appearance may vary)

Compact Cassette Indoor Units

Controller NOT Included • 2-Stage Turbo Fan

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
12,000	16,000	ACUH12LUAS1	905.93

Slim Duct Indoor Units

Controller NOT Included • 4-Way Auto Louver

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
9,000	12,000	ADUH09LUAS1	894.77
12,000	16,000	ADUH12LUAS1	955.50

Outdoor Units

R410A • 208-230 V • 1 Phase

SEER/EER	HSPF	HEATING	STOCK NO	EACH
20-22.5/13.6	11.7-12.5	-5 - 75°F	AOUH09LUAS1	1093.68
20.2-22.1/12.8	11.5-12.2	-5 - 75°F	AOUH12LUAS1	1226.91

(24)

Aspen Pumps Mini White Silent+ condensate pump



The Silent+ ultra slim pumps is designed to mount discreetly, in the shadow line, below a high wall unit. The pump speed adjusts with the flow rate to provide quiet operation and optimum performance.
- Ultra quiet operation
- Low profile design allows installation above a door
- Reversible position on the left or right for installation flexibility
- Capacitance technology for soft start and variable flow rate

STOCK NO	EACH
RE83930	194.20

Fujitsu Multi Zone Units (330b)

www.fujitsu-general.com/us

Indoor Units



Wall Mount Indoor Units

Wireless Controller Included • Washable Panel Filter

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
7,000	8,100	ASUH07LPAS	565.74
9,000	10,000	ASUH09LPAS	581.85
12,000	14,000	ASUH12LPAS	626.47
14,000	16,300	ASUH15LPAS	732.43
18,000	18,000	ASUH18LPAS	1017.47
24,000	24,000	ASUH24LPAS	1099.26

Halcyon™ Floor Mount Heat Pumps

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom. These systems are extremely energy efficient and reach ENERGY STAR®'s Most Efficient status. Single zone floor mount heat pumps feature twin airflow for improved heat delivery and come standard with a designer remote control.



(Actual equipment appearance may vary)

Indoor Units

Wireless Controller Included • 2-Fan and Wide Airflow

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
9,000	12,000	AGU9RLF	939.39
12,000	16,000	AGU12RLF	1024.90
14,200	18,000	AGU15RLF	1098.02

Halcyon™ Compact Cassette Units or Slim Duct Units

High durability of indoor unit is achieved by using HCRC (High Corrosion Resistant Copper) for the indoor unit heat exchanger. Through accelerated lab tests, testing has proven to show that HCRC (High Corrosion Resistant Copper) is resilient and stronger than the standard and Oxygen-Free Copper when exposed to corrosive environments.



(Actual equipment appearance may vary)

Compact Cassette Indoor Units

Controller NOT Included • 2-Stage Turbo Fan

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
12,000	16,000	ACUH12LUAS1	905.93

Slim Duct Indoor Units

Controller NOT Included • 4-Way Auto Louver

COOLING BTU/HR	NOM. HEATING BTU/HR	STOCK NO	EACH
9,000	12,000	ADUH09LUAS1	894.77
12,000	16,000	ADUH12LUAS1	955.50
18,000	21,600	ADUH18LUAS1	1261.61

Outdoor Units

(Actual equipment appearance may vary)



Halcyon™ Hybrid Flex Inverter or Extra Low Temperature Heating

Connect 2 to 5 indoor units, depending on the outdoor unit selected. These systems provide both heating and cooling for year-round comfort. Choose from four indoor unit styles - wall mounted, floor mounted, cassette and slim duct - to best match your decor. Create the right combinations, the right quantity, the right style indoor units, and the right capacity.

Hybrid Flex Inverter Outdoor Units

R410A • 208-230 V • 1 Phase • Heating Range 5 - 75°F

MAX CURCUIT BREAKER	COOLING RANGE	HEATING RANGE	STOCK NO	EACH
2 Port Units				
15 Amps	14 - 115°F	5 - 75°F	AOU18RLXFZ	1792.03
2 - 3 Port Units				
20 Amps	14 - 115°F	5 - 75°F	AOU24RLXFZ	2034.31
2 - 4 Port Units				
30 Amps	14 - 115°F	5 - 75°F	AOU36RLXFZ1	3157.12
2 - 5 Port Units				
30 Amps	14 - 115°F	5 - 75°F	AOU45RLXFZ	3740.83

(330c)

Extra Low Temperature Heating Units

R410A • 208-230 V • 1 Phase • Heating Range -15 - 75°F

MAX CURCUIT BREAKER	COOLING RANGE	HEATING RANGE	STOCK NO	EACH
2 Port Units				
20 Amps	14 - 115°F	-15 - 75°F	AOU18RLXFZH	2501.53
2 - 3 Port Units				
30 Amps	14 - 115°F	-15 - 75°F	AOU24RLXFZH	2945.20
2 - 4 Port Units				
40 Amps	14 - 115°F	-15 - 75°F	AOU36RLXFZH	4091.55

(330d)

Accessories

DESCRIPTION	STOCK NO	EACH
Simple Remote Wired Controller For Duct/Cassette Units	UTYRSRY	157.59
Communication Kit	UTYWIFI	3.06
WiFi Interface Module	UTYTFNXZ2	114.75
Third Party Thermostat Converter Kit	UTYTTRX	159.12



UTYRSRY UTYTFNXZ2

UTYTTRX

Ceiling Cassette Grill

STOCK NO	EACH
UTGCCGFGA	214.40

Adapter Kits

DESCRIPTION	STOCK NO	EACH
Allows two 18K indoor units to AOU36RLXFZ1	UTPMU36A2	39.78
For ASUH24LPAS Multi-zone Combos	UTPMU45A2	39.78

Air Conditioner Parts & Accessories

sanyohvac.com

(27)

Diversitech Brackets

for Air-Conditioners & Heat Pump.
Powder coated gray finish.



SIZE	STOCK NO	EACH
36"	ACB36	118.72
42"	ACB42	107.72
48"	ACB48	138.12

(24)

Rectorseal Wall Brackets

- Sliding cross bar
- Includes level for convenience
- Width 3" - 30" for 300 lbs Capacity
- Width 9¾" - 31" for 500 lbs Capacity
- Depth 10½" - 16"



LOAD CAPACITY	STOCK NO	EACH
300 lbs (powdercoat steel)	RE87733	115.42
500 lbs (powdercoat steel)	RE87735	174.85

(27)

Room-to-Room Ventilator

75 CFM • 1800 RPM



STOCK NO	EACH
TJAS1	211.69

Slimduct Line Set Cover (24)

Installation Kit



Features

- SD100 3.75" Wall Duct Kit includes 5 fittings to cover up to a 13-ft lineset run with a 3.75" duct.
- Weather resistant PVC, UV stabilized & fire resistant. Tested to over 2,000 hours. Temperature range -4°F to 140° F
- Complements any residential or commercial building.
- 78" duct lengths and 15 fittings ensure complete flexibility of installation
- 1 year warranty

SIZE	STOCK NO	EACH
3¾" White	RE85105	286.07

Components



SIZE	STOCK NO	EACH
3¾" x 78" Slimduct length		
SD100 White	RE85104	73.64
3¾" x 31" Flexable Elbow		
SD100 White	RE86108	31.11
3¾" Coupling • Joining 2 lengths together		
SD100 White	RE86110	14.78
3¾" Wall Inlet		
SD100 White	RE86116	41.91
3¾" 90° Flat Elbow		
SD100 White	RE86111	37.80
3¾" Soffit Inlet		
SD100 White	RE86114	32.58
3¾" 90° Vertical Elbow		
SD100 White	RE86102	38.52
3¾" End Fitting		
SD100 White	RE86107	18.54

(25)

Little Giant EC-1-DV Condensation Pump

Dual Voltage 110 - 240V

- 21 dB(A)*
- 2.5 gph @ 1 ft (9.5 lph) flow
- 33 ft (10 m) shut-off (max. recommended)
- Hall effect switching
- Large inlet filter
- Multi-size hose drain adapter fits all popular drain hose connectors



STOCK NO	EACH
EC1DV	196.27

(39)

Heat Pump Stands

Supreme Stands for HVAC Equipment

- Powder coat finish
- Rust resistant
- Stackable for space
- Hardware included for MI stands

Adjustable top plates for MI stands others are reversible.

DIMENSIONS	CAPACITY	FITS PAD SIZE	STOCK NO	EACH
16" x 27" x 12" H	400lb	36" x 24"	MISPST	156.80
18" x 32" x 18" H	500lb	30" x 40"	MIN1832T	198.40
23" x 35" x 10" H	500lb	30" x 40"	MIN2335	200.00
18" x 32" x 10" H	500lb	24" x 36"	MIN1832	168.00
19⅝" or 22½" x 10" H	2,000lb	24" x 24"	HPS1923	177.60
28⅝" or 32⅝" x 10" H	2,000lb	36" x 36"	LEN2828	192.00

Samsung Mini-Split (39)

Wind-Free™ 3.0 Series

Wind-Free™ cooling technology maintains the desired temperature and eliminates cold drafts by delivering air through micro holes on the unit's louver and fascia panel when the louver is closed, producing a dispersed and gentle flow of air defined as "still air." Built-in motion sensor for airflow direction control and energy saving operation. Warranty 10 year Compressor and 10 year parts and 1 year limited labor after registration.



Wind-Free 3.0 Indoor Units

R410A • 208-230 V • Wireless Controller Included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
9,000	11,000	AR09CSDABWKNCV	509.45
12,000	12,000	AR12CSDABWKNCV	594.25
18,000	20,000	AR18CSDABWKNCV	848.93
21,000	25,000	AR24CSDADWKNCV	961.46



(Actual equipment appearance may vary)

Max Heat 3.0 Outdoor Units

208/230V • Stand or Wall bracket sold separatley

SEER2/EER2	HSPF2	HEATING	STOCK NO	EACH
24.5/15.5	10.5	-22 - 75°F	AR09CSDACWKXCV	1102.46
23.0/13.5	10.5	-22 - 75°F	AR12CSDACWKXCV	1180.78
21.0/13.15	8.5	-22 - 75°F	AR18CSDAEWKXCV	1616.11
20.0/12.5	9.2	-22 - 75°F	AR24CSDAEWKXCV	1771.24

Wind Baffles

SIZE	STOCK NO	EACH
Front	WBF3M	186.95
Back	WBB5M	192.11
Back	WBB6MB	274.70

Samsung Single Zone Units (39)

samsunghvac.com

WindFree™ 3.0e Series
Wall Mounted Heat Pump Units

FEATURES:
- Available capacities: 9K, 12K, 18K, and 24K Btu/h
- Wi-Fi enabled allowing voice control with Bixby 2.0^ and monitoring via Samsung's SmartThings app.
- Our new indoor unit design incorporates more interlocking components in place of threaded fasteners to reduce the time and effort it takes to install and service a system.
- Warranty 10 year Product Registration Required. Conditions Apply.



Indoor Units
R410A • 208-230 V • Wireless Controller Included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
9,000	11,000	AR09CSFCMWKNCV	409.17
12,000	12,000	AR12CSFCMWKNCV	426.77
18,000	21,000	AR18CSFCMWKNCV	556.20
22,000	24,000	AR24CSFCMWKNCV	662.89



(Actual equipment appearance may vary)

Outdoor Units
208/230V • Stand or Wall bracket sold separatley

SEER/EER	HSPF2	HEATING	STOCK NO	EACH
20.0/13.0	8.3	-5 - 75°F	AR09CSFCMWKXCV	594.32
20.0/12.0	8.3	-5 - 75°F	AR12CSFCMWKXCV	621.51
18.7/11.0	8.0	-5 - 75°F	AR18CSFCMWKXCV	808.39
18.0/10.5	8.0	-5 - 75°F	AR24CSFCMWKXCV	963.77

(31)
Mini-Split Thermostat Wire



DESCRIPTION	STOCK NO	EACH
16 Gauge • Plenum Rated • Shielded		
16/2 250' coil	250THWI162S	98.60
16/2 1000' coil	1000THWI162S	394.39
14 Gauge • EZ-IN Shielded Mini-Split Cable • 600v		
14/4 50' coil	50EZIN	166.08
14/4 250' coil	250EZIN	660.70

See page 629 for Line Sets

See page 901 for Wi-Fi Thermostat

(24)
Mighty Bracket
Mini-split installation support tool
- Allows single person installation
- Simple clip on support
- Does not damage walls
- Use on most brands of mini-splits
- Folds for easy storage and includes tote bag



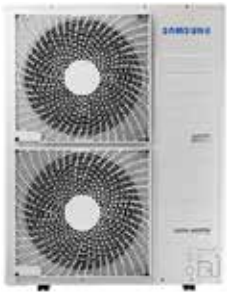
LOAD CAPACITY	STOCK NO	EACH
300 lbs	RE97705	234.63

Premium Series
High-Wall Heat Pump Units

FEATURES:
- R-32 refrigerant reduces carbon emissions
- SmartThings app to remotely adjust temperatures
- 10 year Warranty, Product Registration Required. Conditions Apply.

NEW ITEM





Indoor Unit
R-32 • Wireless controller included & washable, (HD) main filter included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
36,000	40,000	AR36DXFUMGMNCV	1502.12

Outdoor Unit
208/230V • Stand or Wall bracket sold separatley

SEER2/EER2	HSPF2	HEATING	STOCK NO	EACH
20.0/12.0	9.0	-4 to 122°F	AR36DXFUMGMXCV	2471.54

-40° Series
Low Ambient, Cooling-Only Units

FEATURES:
- Low ambient cooling to -40°F with front and back wind baffles
- Supplies power to indoor unit via 14 AWG X 3 power wire
- Auto-restart after power loss
- Snow accumulation prevention option setting
- SmartThings app to operate unit from almost anywhere
- Digital indoor unit addressing and option settings
- Night time quiet mode option for outdoor unit
- Warranty includes 7 year compressor, 5 year parts



Indoor Units
R410A • Wireless control included; wired must be purchased separately

NOMINAL CAPACITY BTU/HR	STOCK NO	EACH
18,000	AC018BNADCHAA	843.88
24,000	AC024BNADCHAA	1026.19
30,000	AC030BNTDCHAA	1203.39
36,000	AC036BNTDCHAA	1321.06



Outdoor Units
208/230V • Stand or Wall bracket sold separatley

SEER	EER	CAPACITY RANGE BTU/HR	STOCK NO	EACH
20.5	12.00	4,000 - 20,000	AC018BXSCCCAA	1408.82
19.0	9.60	6,000 - 27,000	AC024BXSCCCAA	1681.99
19.7	10.20	8,500 - 35,000	AC030BXSCCCAA	2237.45
18.0	8.10	10,000 - 38,000	AC036BXSCCCAA	2532.66

Wind Baffles
For select Samsung Outdoor Units:
Front: -40 AC024, -40 AC030, -40 AC036, & FJM AJ036
Back: -40 AC030, -40 AC036, & FJM AJ036

DESCRIPTION	STOCK NO	EACH
Front	WBF2M	268.92
Back	WBB3M	371.05

Samsung Multi Zone Heat Pumps (39)

samsunghvac.com

FJM Fascia Panel ONLY



- 24⅜ x 24⅜ x 2³⁄₁₆ (L x W x H) inches
- Electro-static, washable, pleated filters

For Use with Samsung Ceiling Units

STOCK NO	EACH
PC4SUSMC	231.50

Quantum 2.0 Series Wall Mounted Heat Pumps

FEATURES:

- Wi-Fi enabled for control and monitoring via Samsung's SmartThings app.
- Our new indoor unit design incorporates more interlocking components in place of threaded fasteners.
- Warranty 10 year Compressor and 10 year parts and 1 year limited labor after registration



Indoor Units

R410A • 208-230 V • Wireless Controller Included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
9,000	11,000	AR09TSFYBWKNCV	356.62
12,000	12,000	AR12TSFYBWKNCV	371.96
22,000	24,000	AR24TSFYBWKNCV	577.75

FJM/WindFree™ 3.0e Series Wall Mounted Heat Pumps

FEATURES:

- Wi-Fi enabled allowing voice control with Bixby 2.0^ and monitoring via Samsung's SmartThings app.
- Our new indoor unit design incorporates more interlocking components in place of threaded fasteners.
- Warranty 10 year Product Registration Required. Conditions Apply.



Indoor Units

R410A • 208-230 V • Wireless Controller Included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
7,000	7,500	AR07CSFCMWKNCV	401.86
9,000	11,000	AR09CSFCMWKNCV	409.17
12,000	12,000	AR12CSFCMWKNCV	426.77
18,000	21,000	AR18CSFCMWKNCV	556.20
22,000	24,000	AR24CSFCMWKNCV	662.89

FJM Series Outdoor Heat Pump Condensing Units



FEATURES:

- Simplified connection to central control with direct connection to R1/R2 at the outdoor unit.
- Option settings allow system configuration as cooling or heating, cooling only, or heating only.
- "Home run" piping to each indoor unit
- Compatible with NASA communication protocol controllers
- Twin BLDC compressor for high efficiency, low noise, and vibration.
- One button auto addressing for simple setup when completing installation
- 10 Year compressor, 10 year parts, 1 year limited labor (registration required)

Outdoor Units

R410A • 208-230 V • Connects to two or more indoor units

SEER/EER	COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
2 Port Unit (Compatible with AR07 - AR12 Indoor Units)				
18-19.5/11.1-12.7	18,000	22,000	AJ020BXJ2CHAA	1688.52
3 Port Unit (Compatible with AR07 - AR12 Indoor Units)				
17-19/10.1-12.7	22,000	25,000	AJ024BXJ3CHAA	1918.40
4 Port Unit (Compatible with AR07 - AR18 Indoor Units)				
16.5-19.5/9.3-12.5	32,000	36,000	AJ036BXJ4CHAA	2976.53
5 Port Unit (Compatible with AR07 - AR24 Indoor Units)				
16-19.7/8.6-10.5	47,000	48,500	AJ048BXJ5CHAA	3715.72

Controls

Wireless Controller



- Can controll up to 4 indoor units
- Wide display and soft-touch buttons
- Includes holder to mount on wall

For Use with Samsung Ceiling Units & CAC -40° Indoor Series

STOCK NO	EACH
AREH04U	115.36

Mini-Split Line Sets (25a)

Duraguard UV Solar Resistant Linesets



½" polyethylene wall • R-410A engineered
Meets ASTM E 84 25/50, 2012/2015 IECC (Res. + Comm.), ASTM G153, UL 94 (fire stop)

SIZE	STOCK NO	EACH
¼" x 164'	14X164SLOUV	375.06
⅜" x 164'	38X164SLOUV	539.53
½" x 164'	12X164SLOUV	721.14
⅝" x 164'	58X164SLOUV	914.38

SAMSUNG Line Set Chart	
Indoor Unit	Line Set Size
9,000 BTU	¼" x ⅜"
12,000 BTU	¼" x ⅜"
18,000 BTU	¼" x ½"
24,000 BTU	¼" x ⅝"
36,000 BTU	⅜" x ⅝"
-40° 30,000 BTU	⅜" x ⅝"
-40° 36,000 BTU	⅜" x ⅝"

Mini-Split UV Insulated Linesets - Plain Ends



Both lines are insulated with ½" elastomeric insulation.

LIQUID LINE	SUCTION LINE	INSULATION	LENGTH	STOCK NO	EACH
¼"	½"	½"	25'	1412X2512MS	191.58
¼"	½"	½"	50'	1412X5012MS	350.39
¼"	⅜"	½"	25'	1438X2512MS	185.33
¼"	⅜"	½"	50'	1438X5012MS	339.07
¼"	⅝"	½"	25'	1458X2512MS	226.15
¼"	⅝"	½"	50'	1458X5012MS	395.15
⅜"	⅝"	½"	25'	3858X2512MS	220.13
⅜"	⅝"	½"	50'	3858X5012MS	397.51

Max Heat FJM Series Outdoor Heat Pump Condensing Units



FEATURES:

- Snow Accumulation Prevention - When the temperature is below 41°F (5°C), fans will operate every 30 minutes on idle outdoor units to prevent snow buildup.
- Base Pan Heater - In order to prevent refreezing of condensate water, a base pan heater is used with drain holes.
- Samsung's exclusive SmartThings app allows users to remotely regulate temperature, adjust settings, receive real-time updates about system performance and energy usage
- 10 Year Warranty (registration required & conditions apply)

Outdoor Units

R410A • 208-230 V • Connects to 2 to 4 indoor units

SEER2/EER2	COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
2 Port Unit (Compatible with AR07 - AR12 Indoor Units)				
23.0/15.0	21,000	22,000	AJ020CXS3CHAA	2447.84
3 Port Unit (Compatible with AR07 - AR12 Indoor Units)				
23.0/14.5	25,000	25,000	AJ024CXS4CHAA	2820.15
4 Port Unit (Compatible with AR07 - AR18 Indoor Units)				
22.5/13.5	28,400	28,600	AJ030CXS4CHAA	2979.11
5 Port Unit (Compatible with AR07 - AR24 Indoor Units)				
21.5/8.6-10.5	34,000	36,600	AJ036CXS4CHAA	3534.58

Samsung Multi Zone Heat Pumps

samsunghvac.com



Console Indoor Units

R32, Heat Pump

STD. COOLING BTU/HR	STD. HEATING BTU/HR	STOCK NO	EACH
9,000	10,000	AC009DNJDCGAA	591.37
10,200	13,000	AC012DNJDCGAA	862.17
16,000	19,000	AC018DNJDCGAA	1006.75



Cassette Indoor Units

R32, Heat Pump

STD. COOLING BTU/HR	STD. HEATING BTU/HR	STOCK NO	EACH
9,000	12,000	AC009DNNDCGAA	811.80
12,000	14,000	AC012DNNDCGAA	835.50
17,500	20,000	AC018DNNDCGAA	1176.22

Fascia Panel

STOCK NO	EACH
PC4SUFMUNW	423.52



Slim Duct Indoor Units

R32, Heat Pump

STD. COOLING BTU/HR	STD. HEATING BTU/HR	STOCK NO	EACH
9,000	12,000	AC009DNLDCGAA	845.57
12,000	14,000	AC012DNLDCGAA	884.09
17,500	20,000	AC018DNLDCGAA	1106.30



NOTE: UNIT APPEARANCE MAY VARY SLIGHTLY



NOTE: UNIT APPEARANCE MAY VARY SLIGHTLY

Outdoor Units

208/230V • Stand or Wall bracket sold separatley

SEER/EER2	HSPF2	HEATING	STOCK NO	EACH
21.0/12.2	9.5	-13 - 75°F	AC012DXSCCGAA	1580.34
20.0/12.2	9.5	-13 - 75°F	AC018DXSCCGAA	2422.36

SAMSUNG

HeatStar Unit Heaters (335B)

heatstarbyenerco.com



Standard Sizes Garage & Unit Heaters

HeatStar Forced Air Natural Gas Unit Heater is efficient and effective convection heat for your garage or workshop for residential or commercial use.

Features:

- Ships as NG, Includes NG to LP Conversion Kit
- Spark Ignition Features Self-Diagnostic Control Module
- Includes Angle Brackets (2) for Ceiling Mount
- Category I Vertical; Category III Horizontal Venting
- ½" gas connection
- CSA Certified

TOTAL INPUT (BTU/HR)	HEATING AREA (SQ. FT)	CFM OUTPUT	TEMPERATURE RISE	NET WEIGHT (LBS)	FLUE SIZE	STOCK NO	EACH
50,000	1,250	750	45	56	4"	HSU50NG	759.90
80,000	2,000	950	60	79	4"	HSU80NG	895.90
125,000	3,125	1,150	60	108	4"	HSU125NG	1492.60



Big Boxx Sizes Garage & Unit Heaters

HeatStar Forced Air Natural Gas Unit Heater is efficient and effective convection heat for your garage or workshop for residential or commercial use.

Features:

- Spark Ignition Features Self-Diagnostic Control Module
- Includes Angle Brackets (2) for Ceiling Mount
- Category I Vertical; Category III Horizontal Venting
- ½" gas connection
- CSA Certified

Big Boxx Sizes will require LP Conversion Kits, See Below

TOTAL INPUT (BTU/HR)	HEATING AREA (SQ. FT)	FLUE SIZE	STOCK NO	EACH
150,000	NA	4"	HSU150NG	1694.90
200,000	6,700	4"	HSU200NG	2014.76
250,000	8,400	6"	HSU250NG	2317.36
300,000	10,000	6"	HSU300NG	2413.15
400,000	13,400	6"	HSU400NG	2911.25

(335C)

L.P. Conversion Kits

Big Boxx Sizes will require LP Conversion Kits

FOR MODEL NUMBERS	STOCK NO	EACH
HSU150NG Series	F163070	38.39
HSU200NG Series	F163071	41.13
HSU250NG Series	F163072	46.61
HSU300NG & HSU400NG Series	F163073	54.84

HEATSTAR

Power Vented Gas Fired Unit Heaters 82 - 83% TE Model UDX



Indoor, Low Static, Axial Fan Unit Heater for Residential, Commercial/Industrial Use.

Standard Equipment:

- Power Vented
- TCORE2® titanium stabilized aluminized steel heat exchanger
- Multi-try, direct spark ignition with time lockout
- Vibration/noise isolated fan and venter motors designed for low noise
- External status indicating LED that blinks if there is a problem
- 7-segment display board that shows fault code for troubleshooting
- Optional integrated downturn nozzle and integrated vertical louvers
- Sizes 30-400 certified for commercial/industrial heating applications
- Sizes 30-125 approved for use in residential garages and workshops

Stocked in natural gas.

MBTH INPUT	MBTH OUTPUT	FLUE SIZE(IN)	CFM	STOCK NO	EACH
30,000	24,600	4	456	UDX30N	1210.87
45,000	37,350	4	629	UDX45N	1259.71
60,000	49,800	4	769	UDX60N	1325.32
75,000	62,250	4	961	UDX75N	1391.66
105,000	87,150	4	1345	UDX100N	1591.41
120,000	99,600	4	1537	UDX125N	1791.15
150,000	124,500	5	1921	UDX150N	1907.06
300,000	249,000	6	3843	UDX300N	3160.22

(21)

LP Conversion Kits

STOCK NO	EACH
for UDAP/UDAS 30, 45	
RE269835	123.22
for UDAP 150, 175	
RE269838	142.24
for UDAP 200, 225, 250	
RE269839	123.95

(21)

LP Conversion Kits

STOCK NO	EACH
for UDX/UDZ 30 - 45	
RE1036536R	103.96
for UDX/UDZ 60 - 75	
RE1036537R	132.30
for UDX/UDZ 150 - 175	
RE1036539R	132.30
for UDX/UDZ 200 - 250	
RE1036540R	115.30

CC1 Separated Combustion Conversion Kits

SIZE	STOCK NO	EACH
30-125 BTU	RE1043105	75.78
150-400 BTU	RE1043106	75.78

Vent Caps

SIZE	STOCK NO	EACH
4"	RE111848	70.42
5"	RE111849	82.67
6"	RE111850	93.39

(21)

CK-99 Ceiling Brackets

For Use with UDAP/UDX 30-125

STOCK NO	EACH
RECK99	29.73

Flush Mount Quick Sling Bracket



For use up to 125M BTU

STOCK NO	EACH
QSWI3000	277.95

UDXC Universal, Gas-Fired Unit Heater

NEW ITEM



The TCORE2® titanium stabilized, aluminumized steel heat exchanger. The Reznor Robust™ design ensures durability and optimal performance.

Standard Features:

- All sizes are certified for industrial/commercial use. Models 55, 85, 110 are certified for residential applications such as workshops and garages
- Two-tone, scratch-resistant paint; clean, rounded corners and edges; hidden screws and fasteners provide a modern, stylish appearance
- Reznor Robust ™ design including TCORE2® titanium stabilized, aluminized steel heat exchanger
- Field convertible to use fresh air for combustion in dirty, dusty environments (separated combustion)
- Bright status light, hinged access door, and error code display on the control board enable easy service and maintenance
- Sealed control compartment houses all electrical components
- Vibration/noise isolated fan and venter motors designed for low noise operation
- Reliability built in and backed by industry-best warranty

Stocked in natural gas.

Required combustion air/vent system sold below.

BTUH INPUT	BTUH OUTPUT, HIGH FIRE	GAS CONNECTION/ VENT CONNECTION	CFM	STOCK NO	EACH
30,000	24,600	½"/4"	456	UDXC30N	1264.82
45,000	37,350	½"/4"	629	UDXC45N	1315.85
60,000	49,800	½"/4"	769	UDXC60N	1385.10
75,000	62,250	½"/4"	961	UDXC75N	1453.63
105,000	87,150	½"/4"	1345	UDXC100N	1642.32
120,000	99,600	½"/4"	1537	UDXC125N	1872.07
150,000	124,500	½"/5"	1921	UDXC150N	1993.09
175,000	145,250	½"/5"	2242	UDXC175N	2283.96
200,000	166,000	½"/5"	2562	UDXC200N	2376.54
225,000	186,750	¾"/5"	2882	UDXC225N	2656.48
250,000	207,500	¾"/5"	3202	UDXC250N	2761.45
300,000	249,000	¾"/6"	3843	UDXC300N	3303.10
350,000	290,500	¾"/6"	4483	UDXC350N	3879.74
400,000	332,000	¾"/6"	5123	UDXC400N	4035.74

Horizontal Vent Kits - CC6

STOCK NO	EACH
for UDZ & UDXC 30-125	
RE211762	375.84
for UDZ & UDXC 150-400	
RE211763	442.44
for UEAS	
RE221247	421.95

Vertical Vent Kits - CC2

STOCK NO	EACH
for UDZ & UDXC 30-125	
RE205895	401.10
for UDZ & UDXC 150-400	
RE205896	530.45
for UEAS	
RE221248	517.59

UDXC LP Conversion Kits

NEW ITEM

STOCK NO	EACH
for UDXC 30 - 45	
RE1043184R	55.76
for UDXC 60 - 75	
RE1043185R	55.76
for UDXC 100 - 125	
RE1043186R	55.76
for UDXC 150 - 175	
RE1043187R	55.76
for UDXC 200 - 250	
RE1043188R	55.76
for UDXC 300 - 400	
RE1043189R	55.76

(26)

Ceiling Brackets

For use up to 400 lbs.

STOCK NO	EACH
UH24UNV	220.15

Use with UH24UNV For:
Reznor UDX & UDZ Models 150 to 400,000 Btu's
HeatStar HSU Models 50 to 125,000 Btu's

STOCK NO	EACH
RANGLE	118.40



Tube Systems

2-Stage Standard Equipment
Burner housing assembly, hot rolled combustion tube with gasket, combustion air inlet collar, tubulators when required.
1/2" NPT Connection • 120VAC 60Hz 1A • 4" Tube Diameter



TA Series Infrared Heaters

Infrared Tube Packs
2-Stage • 120V 60Hz 1A

TUBE LENGTH (FT)	STOCK NO	EACH
10' (6' Baffle)	TH10	393.76
20' (12' Baffle)	TH20S	720.19
30' (12' Baffle)	TH30S	993.30
Extension Pack		
30'	TX30S	871.14

Infrared Burners
Natural Gas

BTUH INPUT	TYPE	STOCK NO	EACH
80,000	NG	TSA08N	1122.68
100,000	NG	TSA10N	1122.68
125,000	NG	TSA12N	1122.68
175,000	NG	TSA17N	1122.68
220,000	NG	TSA22N	1148.07

Model Nat. Gas	Heat Exchanger Length Minimum	Heat Exchanger Length Maximum	Baffle Length (ft.)
TA-80	20'	30'	12'
TA-100	20'	30'	12'
TA-125	30'	50'	12'
TA-150	40'	60'	6'
TA-175	50'	60'	
TA-205	60'	70'	
TA-220	60'	70'	

LP Conversion Kits
For TSA Series

BTUH INPUT	TYPE	STOCK NO	EACH
80,000	LP	CG096	20.93
100,000	LP	CG098	19.27
125,000	LP	CG100	21.98
175,000	LP	CG104	19.62
220,000	LP	CG108	19.62

80,000 btuH Models	
Unit	Components Needed
TSA08N-20ft.	TSA08N • TH20S
TSA08N-30ft.	TSA08N • TH30S
TSA08N-40ft.	TSA08N • TH10 • TX30S
125,000 btuH Models	
Unit	Components Needed
TSA12N-30ft.	TSA12N • TH30S
TSA12N-40ft.	TSA12N • TH10 • TX30S
TSA12N-50ft.	TSA12N • TH20S • TX30S

Note: Baffle NOT needed for 30' - 40' Heaters

GRT Series Garage Heater
Pre-assembled, ceiling hardware, gas flex connector, thermostat, 8' venting kit. 17.5" x 8" x 118"



BTUH	STOCK NO	EACH
45,000	GRT45N	1916.39
Accessories		
DESCRIPTION	STOCK NO	EACH
LP Conversion Kit	RG035	11.32
Vent Elbow Kit	RT017	40.88

UXR Series Infrared Heaters

Infrared Stainless Steel Tube Packs
Rugged High Efficiency Heater - Model UXR
Weather Resistant Electrical Compontents
1-Stage • 120V 60Hz 1A • ½" NPT Connection



TUBE LENGTH	STOCK NO	EACH
10	TH10SSTM	508.84
20	TH20SSTM	950.29
30	TH30SSTM	1338.49
Extension Pack		
30	TX30SSTM	1216.26

Infrared Burners
Natural Gas • ½" NPT Connection

BTU/HR RATE	TYPE	MIN. LENGTH	MAX LENGTH	STOCK NO	EACH
80,000	NG	20 Foot	40 Foot*	UXR08NS	1524.08
125,000	NG	30 Foot	50 Foot	UXR12NS	1524.08

*Baffle NOT needed for 80,000 BTU 40 Foot Burner

Accessories (24)

Reflectors

DESCRIPTION	STOCK NO	EACH
Side reflector		
124" Reflector	CR019	58.59
Retainer Clip	CR035	7.22
Bracket	CR016	12.55
Top replacement reflector		
124" Reflector	CR001	117.61

"U" Tube Package

DESCRIPTION	STOCK NO	EACH
180°	CT080	235.01

(21)
Air Switch

MBTUH INPUT	STOCK NO	EACH
80-100	CE021	87.53
125	CE024	87.53

Elbow Package

DESCRIPTION	STOCK NO	EACH
90°	CT024	227.07

(21)
2-Stage Accessories

DESCRIPTION	STOCK NO	EACH
Gas Valve(40-125M)	CG066	285.06
Blower Assy(40-125M)	CE004	258.41

Aluminized Coupling

DESCRIPTION	STOCK NO	EACH
4"	CR010	33.55

(21)
Ignitor

DESCRIPTION	STOCK NO	EACH
Probe	CE002	21.34
Sensor	CE003	21.34

Aluminum Baffle Kits

DESCRIPTION	STOCK NO	EACH
6 foot	CT046	66.46
12 foot	CT047	117.39

Vent Terminal

DESCRIPTION	STOCK NO	EACH
4"	CT011	105.71

Tube/Reflector Hanger

STOCK NO	EACH
CR003	15.16

(18)
Uncoated Stainless Steel Corrugated Gas Appliance Connectors



Rated for Indoor & Outdoor use
1/2" I.D. (5/8" O.D.) With Fittings

LENGTH	STOCK NO	EACH
½" FIP x ½" MIP		
(•) 24"	DO30313224	26.01
(•) 36"	DO30313236	29.71
48"	DO30313248	37.87
¾" FIP x ¾" MIP		
(•) 18"	DO30414218	22.74
(•) 24"	DO30414224	26.01
(•) 36"	DO30414236	29.71
48"	DO30414248	37.87

(•)-Approved for use with Radiant Tube Heating Appliances when installed according to manufacturers instructions..



VPT Series - Positive Pressure

2-Stage, Gas-Fired, Tubular, Infrared Heater

BTUH INPUT	TYPE	STOCK NO	EACH
60,000	NG	VPT60	1204.93
80,000	NG	VPT80	1204.93
100,000	NG	VPT100	1204.93
125,000	NG	VPT125	1204.93
150,000	NG	VPT150	1204.93
Not certified to be used with LP			
170,000	NG	VPT170	1455.43

VPT Series LP Conversion Kits

Field conversion kits

BTUH INPUT	TYPE	STOCK NO	EACH
60,000	NG	RE1001412	153.48
80,000	NG	RE1001413	153.48
100,000	NG	RE1001414	153.48

Size	Pressure Drop (inches w.c.)	Gas Pressure Required at the Gas Valve			
		Natural Gas		Propane Gas	
		Minimum G	Maximum	Minimum	Maximum
60	0.05	5 in. w.c.	14 in. w.c.	11 in. w. c.	14 in. w.c.
80	0.05	5 in. w.c.	14 in. w.c.	11 in. w. c.	14 in. w.c.
100	0.10	5 in. w.c.	14 in. w.c.	11 in. w. c.	14 in. w.c.
125	0.15	5 in. w.c.	14 in. w.c.	11 in. w. c.	14 in. w.c.
150	0.20	5 in. w.c.	14 in. w.c.	11 in. w. c.	14 in. w.c.
170	0.40	7 in. w.c.	14 in. w.c.	NA	NA

VP Series - Tube Package

2-Stage, Gas-Fired, Tubular, Infrared Heater

LENGTH	# OF ROLLED STEEL	# OF CALCOAT	STOCK NO	EACH
20'	1	1	VPA Discontinued	
30'	2	1	VPB	878.42
30'	1	2	VPC Discontinued	
20'	2	—	VPD Discontinued	
30'	3	—	VPE Discontinued	

VP Series Tube Package Matrix

To order modular components for easy stocking or replacement of lost/damaged components select burner boxes and tube packages individually. Tube packages can be ordered by model numbers.
The table below shows which tube packages, and burner inserts, should be ordered for various system lengths.

Burner insert option codes and quantity (in parenthesis) shown on rows marked "Inserts." in the table below.

VP Series Tube Package Matrix									
Natural Gas			60	80	100	125	150	170	200
System Length (ft)	20	Tube Pkg(s)	VP-A	—	—	—	—	—	—
		Inserts	TB1						
	30	Tube Pkg(s)	VP-b	VP-b	VP-b	VP-b	—	—	—
		Inserts	TB1	TB1	TB1	TB2			
	40	Tube Pkg(s)	VP-A, VP-d	VP-A, VP-d	VP-A, VP-d	VP-A, VP-d	VP-A, VP-d	—	—
		Inserts	TB1	TB1	TB1	TB2	—		
	50	Tube Pkg(s)	—	—	—	VP-A, VP-E	VP-A, VP-E	VP-C, VP-d	VP-C, VP-d
		Inserts				TB2	-	-	-
	60	Tube Pkg(s)	—	—	—	—	VP-C, VP-E	VP-C, VP-E	VP-C, VP-E
		Inserts					—	—	—
	70	Tube Pkg(s)	—	—	—	—	—	—	VP-C, (2) VP-d
		Inserts							—
	80	Tube Pkg(s)	—	—	—	—	—	—	—
		Inserts							

Optional Field Installed Accessories for VPT Series

5' Extension Tube

STOCK NO	EACH
VPH	168.54

End Cap Kit

Per Pair

STOCK NO	EACH
CD27	34.98

CCI Vent Cap

STOCK NO	EACH
RE120738	99.82

"L" Shaped Tube with Reflector

STOCK NO	EACH
VPL	124.26

"U" Shaped Tube with Reflector

STOCK NO	EACH
VPU	180.44

Combustion Air Inlet Adapter

STOCK NO	EACH
DE1	103.11

Burner Insert Only

Natural Gas, VP Series Tube Package

SIZE	STOCK NO	EACH
5 foot	TB1	82.34
3 foot	TB2	77.24

Electro Duct Furnaces (22)

electromn.com



WarmFlo Select EM-WU Series

Upflow Duct Heaters

No Chip Needed • Universal Control • Everything Included

DUCT SIZE	STOCK NO	EACH
15x18"	EMWU102S5SL1	1560.00
15x18"	EMWU153S5SL1	1816.00
15x18"	EMWU204S5SL1	1976.00
18x18"	EMWU153S8SL1	1816.00
18x18"	EMWU204S8SL1	1976.00
18x18"	EMWU254S8SL1	2284.00

Model Number	Duct Size	Phase	kW
EMWU102S5SL1	15"x18"	1	10
EMWU153S5SL1	15"x18"	1	15
EMWU204S5SL1	15"x18"	1	20
EMWU153S8SL1	18"x18"	1	15
EMWU204S8SL1	18"x18"	1	20
EMWU254S8SL1	18"x18"	1	25

Not Compatible with 2-Stage Heat Pump



WarmFlo Select EM-WU Series 2-Stage Heat

Upflow Duct Heaters

No Chip Needed • Universal Control • Everything Included

DUCT SIZE	STOCK NO	EACH
15x18"	EMWU102D5SL2	1816.00
15x18"	EMWU153D5SL2	2072.00
15x18"	EMWU204D5SL2	2232.00
18x18"	EMWU153D8SL2	2072.00
18x18"	EMWU204D8SL2	2232.00
18x18"	EMWU254D8SL2	2540.00

WarmFlo Select EM-WD Series

Downflow 18" Duct Heater.

No Chip Needed • Universal Control • Everything Included

SIZE	STOCK NO	EACH
15kW	EMWD153S5SL1	1872.00
15kW	EMWD153S8SL1	1872.00
20kW	EMWD204S8SL1	2032.00



EH-U Series

Upflow Duct Heater

For Non-Heat pump applications ONLY • Everything Included

DUCT SIZE	STOCK NO	EACH
15x18"	EHU105	1152.00
15x18"	EHU155	1380.00
18x18"	EHU158	1380.00
15x18"	EHU205	1532.00
18x18"	EHU208	1532.00
18x18"	EHU258	1840.00

Model Number	Duct Size	Phase	kW
EHU-10-5	15"x18"	1	10
EHU-15-5	15"x18"	1	15
EHU-15-8	18"x18"	1	15
EHU-20-5	15"x18"	1	20
EHU-20-8	18"x18"	1	20
EHU-25-8	18"x18"	1	25



Electro-Mate® HeatChoice

Downflow 18" Plenum Heater.

SIZE	STOCK NO	EACH
15kW	EHD158	1436.00
20kW	EHD208	1588.00



Packaged Make-Up Air Units

With Multi-Speed Control. 240v

SIZE	CFM	STOCK NO	EACH
5kW	350	EMMC05240108	2264.00
10kW	625	EMMD10240110	2564.00
15kW	1050	EMMF15240114	3424.00
20kW	1550	EMMG20240114	3668.00

Accessories

Model WF-EM3

Dual Fuel Interface

For Non-Heat Pump Systems

STOCK NO	EACH
WFEM3	405.84

Model WF-LGR4

H/P T-Stat Interface

STOCK NO	EACH
WFLGR4	601.92

Model WF-EZ3

4-Wire T-Stat Interface

For Heat Pump Sysytems

STOCK NO	EACH
WFEZ3	490.20

Model WF-DFHP1

Dual Fuel Heat Pump Control.
For heat pump & gas Furnaces with no plenum.

STOCK NO	EACH
WFDFHP1	610.00

Model WF-ANZ7

WarmFlo Analyzer

STOCK NO	EACH
WFANZ7	313.50

Model WF-HP2

2-Speed heat pump control with plenum heater.

STOCK NO	EACH
WFHP2	976.98

Packaged Make-Up Air Units Available afrom Manufacturer

Lifebreath Equipment (31a)

lifebreath.com

Heat Recovery Ventilators



155 MAX 205 MAX 267 MAX

HRV Max Series

Features:
- Energy Star Rated
- High Efficiency Hex Core
- 5-Speed, 4-Mode Operation
- Factory Lifetime Core Warranty
- Recirculating Defrost
- Digital Control Included

WEIGHT	AIR FLOW HIGH	STOCK NO	PRICE
70 lb	132 CFM	155MAX	1057.78
70 lb	179 CFM	205MAX	1075.92
67 lb	267 CFM	267MAX	1571.56



RNC5-TPD 136 CFM | RNC 155 148 CFM | RNC 205 179 CFM

HRV RNC Series

Door Port Balancing & Adjustable Dampers
Excellent Low Temperature Performance
99-BC02 control box Sold Separately

HEIGHT	WIDTH	DEPTH	DEFROST	STOCK NO	EACH
5" Duct Top Port, Cross Flow Core					
17 1/4"	22 3/4"	14"	Recirculating	RNC5TPD	975.52
3 select high-speed settings, HEX Core					
19"	33 2/3"	14 3/4"	Recirculating	RNC155	924.56
Top Port, 3 select high-speed settings, HEX Core					
18 3/4"	33 5/8"	15"	Recirculating	RNC205	953.68



METRO-120D | METRO 120 ERV-ECM METRO 120 ERVD-ECM

Metro Series

- Slim Height of 9 3/4"
- Designed for Accessibility
- High Efficiency

WEIGHT	AIR FLOW HIGH	STOCK NO	PRICE
Horizontal mounting, HEX Core			
37 lb	127 CFM	METRO120D	982.80
Horizontal mounting, ERV Core - ECM - Auto Balance			
57 lb	117 CFM	METRO120ERV	1001.00
Horizontal mounting, ERV Core - ECM - Cold Weather			
37 lb	114 CFM	METRO120ERVD	1059.24

For Additional ERV Units See Page 636

Heat Recovery System Accessories



(21)
Digital Electronic Timer

- Perfect for bath and kitchen ventilation control
- Touch pad for 20/40/60 minute operation
- A simple press activates high speed
- Timer turns off with a touch
- Indicator light display
- Compatible With MAX and RNC Series

STOCK NO	EACH
99DET01	39.56



(21)
Digital Wall Control

- LCD screen and slim-line design
- 5 speed fan settings and standby setting
- Electronic dehumidistat
- 20/40/60 high speed override button
- Connect to 3 wire 20 gauge low voltage wire
- Five selectable modes of operation

STOCK NO	EACH
99DXPL03	111.80



(21)
Basic Wall Control - BC02

- 2 speed fan setting (LOW / HIGH)
- Standby setting (fan OFF)
- Electronic Dehumidistat
- Connect to 3 wire 20 gauge low voltagewire

STOCK NO	EACH
99BC02	10.50

6" Flow Monitoring Station

STOCK NO	EACH
NU99152	108.70

6" Diameter Outside Weather Hood Kit

Carton contains 2 hoods, screens, decals, 12" sleeves and insulating duct collars.

STOCK NO	EACH
NU99186	67.98

(21)
Dual Hood 99-190

One Hood - Two Airflows.

STOCK NO	EACH
NU99190	215.00

HRV Foam Filter for Hex Core

2 Filter/Pair

MODEL/STOCK NO	EACH
6516112R	12.13

HRV Square Core Filter

2 Filter/Pair

MODEL/STOCK NO	EACH
6516012R	13.54



(21)
Wireless Timer

- Initiates high speed ventilation 20, 40, or 60 minutes
- Wireless timers have an estimated range of 40 Ft.
- Compatible with Repeater (99-RX02)
- Saves on installation time and cost
- Can be surface or E-box mounted
- Includes battery

STOCK NO	EACH
99DET02	53.32



(21)
Repeater

- Extends range of wireless timer
- Plugs into outlet

Compatible with 99DET02

STOCK NO	EACH
99RX02	53.32

Replacement Parts



Control Board for ControlAir-15 Models

5 speeds, on/off and standby switch, auto-defrost indicator, system test indicator, compact & modern

STOCK NO	EACH
NU99275	90.47

MA Fuse for Control Air-15 Board

STOCK NO	EACH
NU21123	.89

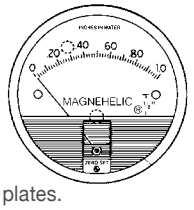
(21)
MAX Circuit Board Kit

STOCK NO	EACH
NU62244R	223.60

(21)
Electronis Upgrade Kit

STOCK NO	EACH
NU62214UPR	357.76

(27)
Dwyer Magnehelic Pressure Gauge



Measures fan and blower pressures, filter resistance air velocity, furnace draft, pressure drop across orifice plates.

Standard accessories:
- 2 - 1/8" NPT plug for duplicate pressure traps
- 2 - 1/8" pipe thread to rubber tubing adapters
- 3 - flush mounting adapters with screws

DESCRIPTION	STOCK NO	EACH
2002, 0-2.0" range	200202	120.56
A302, static pressure tip	A302	20.24

Lifebreath Equipment (31a)

lifebreath.com

Commercial Heat Recovery Ventilator



1200 FD Commercial HRV

Features:
- Can deliver up to 1200 CFM
- Automatic temperature controlled time cycle
- High efficiency PSC motors
- Fresh air is shut off to allow warm room air to defrost cores
- Low voltage remote circuit
- 3 speed control (low, medium, high)
- Washable air filters
- 68% recovery rate
- Easy to service
- Fan defrost
- 41½" x 29⅞" x 24⅝"

AIR FLOW (EA. STREAM) C. 5" E.S.P.	STOCK NO	PRICE
1050	1200FD	4023.65

700 DD Commercial HRV

Smaller version of 1200DD

Features:
- 700 CFM
- Damper defrost
- 28¾" x 29⅞" x 24⅝"

STOCK NO	EACH
700DD	3192.68

AprilAire ERV



V22BEC ERV

Features:
- 1.45 cfm/watt at high speed.
- 72% SRE can help improve overall home-energy performance and lower HERs score.
- Intermittent control with patented temperature and humidity lockouts available with 8120X control or AprilAire Thermostats on page 938.
- Mounting bracket & hardware included

WEIGHT	AIR FLOW	STOCK NO	PRICE
50 lb	120 CFM	APRILV22BEC	2517.08

Whole-House Ventilation Control System



Included:
- 8120X Ventilation Controller
- 6506 Damper
- 4010 24VAC Transformer
- 8052 Outdoor Temperature Sensor
- Duct Board Bracket for 8120X

Continuously monitors outdoor temperature and indoor humidity to make sure the air coming in isn't too hot, too cold or too humid

STOCK NO	PRICE
APRIL8126X	485.43

Clean Air Furnace Accessories

RSK Backdraft Damper

For 6" round duct work.

MODEL/STOCK NO	EACH
RSK6	22.73

LIFEBREATH Indoor Air Systems

Energy Recovery Ventilators



ERV Max Series

Features:
- AUTO BALANCING
- Damper recirculating defrost cycle
- Top port 6" oval duct
- Square ERV core
- Mirrored and/or Hard Wired configurations

WEIGHT	AIR FLOW HIGH	STOCK NO	PRICE
57 lb	278 CFM	267ERV	1536.08



180 EVRD-AB

Features:
- AUTO BALANCE
- Enthalpy Energy Exchange Core
- Top port design with built-in balancing dampers
- Intelligent defrost damper motor
- -25C HVI Cold Weather Certified ERV

WEIGHT	AIR FLOW HIGH	STOCK NO	PRICE
53 lb	186 CFM	180ERVD	1092.00

Turbulent Flow Precipitator Air Cleaner



Ultimate Air Cleaner

Model 3000HEPA
- Flow thru design utilizes two advanced cartridge collectors for optimum performance
- For specialty applications
- One TFP collector and one HEPA cartridge

STOCK NO	EACH
TFP3000HEPA	799.73

Accessories

(21)

Replacement HEPA Filter

For TFP 3000 HEPA.

MODEL/STOCK NO	EACH
NU65502R	375.82

(21)

Replacement Collector

For TFP 3000 HEPA.

MODEL/STOCK NO	EACH
NU65503R	170.28

Healthy Home System Control



Home System Control
Programmable control for central system fan.

VOLTAGE	STOCK NO	EACH
24v	HHSCPLUS	187.83



Fresh Air Dampers
Power open/close

DUCT SIZE	STOCK NO	EACH
6"	FAD6	133.38
8"	FAD8	159.53

Ultraviolet Lamps



16" UV Lamp
120v with Safety Disconnect

MODEL/STOCK NO	EACH
16UVLAMP	201.74
UV 16" Replacement Bulb	
16UVBULB	72.15



Duo-2000 UV Lamp
With Photo-Reactive Oxidation
2-Stage Design, For 1.5-5 Ton Units

MODEL/STOCK NO	EACH
DUO2000	448.20
UVC 17½" Replacement Lamp	
DUOBULB	88.68



FlexMountUV Twin Lamp
With Photo-Reactive Oxidation
16⅓", 24v, For 1.5-5 Ton Units (2-Year life)

MODEL/STOCK NO	EACH
46630117	163.46
Twin Tube Replacement Lamp	
46632517	81.01

Media Air Cleaners



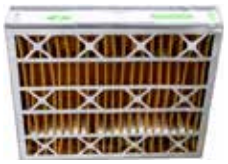
Media Air Cleaners
11 MERV rating

MEDIA SIZE	STOCK NO	EACH
16"x25"x5"	FC111625	125.96
20"x25"x5"	FC112025	127.60



Media Air Cleaners
Right Angle • 11 MERV rating

MEDIA SIZE	STOCK NO	EACH
20"x25"x5"	FCRA112000	187.50



Media Air Filters

MEDIA SIZE	STOCK NO	EACH
MERV 8		
16"x25"x5"	16255M8	21.86
20"x25"x5"	P520X25X5	26.35
MERV 11		
16"x25"x5"	16255M11	22.58
20"x25"x5"	91006	27.19



Media Air Filters
11 MERV rating
Adjustable Height

MEDIA SIZE	STOCK NO	EACH
16-20"x25"x5"	FLEX2	41.42
16-20"x25"x4"	FLEX4	41.42
16-20"x25"x4"	FLEX5	41.42



Trio 3-Stage Air Purification
With UV Light & Odor Removal
13 MERV rating.

SIZE	STOCK NO	EACH
Media Cleaner		
20"x25"x10"	TRIO2000	795.12
Media Filter		
20"x25"x4"	TRIOFILTER	24.27
Replacement UV Lamp		
22"	TRIOUVLAMPS	121.94
Replacement UV Lamp & Filter Set		
22"	TRIO1000	88.21

Steam Humidifiers



Steam Humidifier
Compatible with all forced air heating systems

DESCRIPTION	STOCK NO	EACH
Less Humidistat		
16 Gallon, 120 Volt	S2000LH	996.23
Includes Humidistat		
23 Gallon, 220 Volt.	S2020	996.24



Anode
Sacrificial anode for the humidifiers
Will last one full season, while maintaining

STOCK NO	EACH
Z100	23.14



Under Duct Bracket

STOCK NO	EACH
UNDUBR	50.83



Air Proving Device
A split core current sensing relay
will monitor the on/off status of any blower motor

STOCK NO	EACH
AIPRDE	256.60

Humidifiers



Honeywell By Pass Flow Through Humidifier with Humidistat

- Uses warm air furnace blower to humidify the whole house humidification.
- Includes HumidiPRO Digital Humidity Control.

CAP.(GPD)	BYPASS/COVERAGE	STOCK NO	EACH
Gallons humidity delivered vs water wasted (1:4)			
12	Small/1500sq.ft.	HE100A1000	236.63
17	Large/2000sq.ft.	HE200A1000	259.38
Advanced Bypass reduces water wasted (1:2.8)			
12	Small/1500sq.ft.	HE150A1005	354.67
17	Large/2000sq.ft.	HE250A1005	378.97



Honeywell HE300 Powered Flow Through Humidifier

- Capable of humidifying up to 4,200 sq. ft.
- Includes HumidiPRO Digital Humidity Control.
- Gal. humidity delivered vs. water wasted (1:2)

TrueEASE Fan-Powered

CAPACITY (GAL PER DAY)	STOCK NO	EACH
18	HE300A1005	476.24

Replacement Humidifier Pads

For use with:
Honeywell - HE200,250,260,265,300,360 & 365
Aprilaire - 350,360,560,568,600,700,760 & 768

DESCRIPTION	STOCK NO	EACH
Standard	HC26A1008	14.49
Antimicrobial	HC26E1004	25.40

For use with:
Honeywell - HE100,150,220 & 225
Aprilaire - 110,220,550 & 558

FOR USE WITH	STOCK NO	EACH
Standard	HC22A1007	10.28
Antimicrobial	HC22E1003	23.08



Honeywell Electrode Humidifiers

- 11 GPD @ 120v OR 22 GPD @ 240v.
- Honeywell Thermostat options include
- Lyric, PrestigeIAQ, and VisionPRO

HumidiPRO Digital Humidity Control.

STOCK NO	EACH
HM750A1000	1165.30



Distribution Kit

15ft Insulated Steam Hose
Stainless Steel for HM750A1000

STOCK NO	EACH
HM750AHOSEKIT	219.57



Replacement Canister

For HM750A1000

STOCK NO	EACH
HM750ACYL	113.57

Honeywell Remote Mounting Kit

For use with Honeywell TrueSTEAM.

DESCRIPTION	STOCK NO	EACH
10'	50024917001	149.32
20'	50024917002	250.37

Honeywell In-Line Filter

For use with Honeywell TrueSTEAM.

DESCRIPTION	STOCK NO	EACH
In-Line Filter	50028044001	73.43



HumidiPRO

Digital Humidity Control
LESS Temperature Sensor

STOCK NO	EACH
H6062A1000	101.03

Dehumidifiers



Honeywell Ventilating Dehumidification System

Maintain proper humidity levels. 120V; 60Hz
Drain ¾" Female NPT with attached ¾" Male NPT.
Duct connections: 8" Round inlet/outlet for DR65
6" and 10" inlet and 10" outlet for DR90 and DR120

WATER REMOVAL PER DAY	STOCK NO	EACH
Up to 65 Pints	DR65A3000	1762.27
Up to 90 Pints.	DR90A3000	2228.02
Up to 120 Pints.	DR120A3000	2866.47

Honeywell Home from resideo

Reserved

Replacement Pads for Trion Humidifiers

(31a)

Evaporating Pads for G100 & G200

FOR	STOCK NO	EACH
G100	G1166	20.69
G200	G2066	21.89

Honeywell Home Air Cleaners



(31)

Honeywell F300E Electronic Air Cleaner

- Media post-filter provides enhanced filtration on select models.
- Solid state power supply is self-regulating and maintains peak efficiency during a wide range of cell dirt loading conditions.
- Low-profile door with test button to check system operation.
- Helps filter efficiency-robbing "gunk" before it coats critical system parts.
- Very low pressure drop.
- Exclusive 10-year Clean Coil Guarantee.
- Rugged zinc-coated, roll-formed cabinet provides strength and corrosion protection.

SIZE	CFM	STOCK NO	EACH
16" x 25"	1400	F300E1019	938.95
20" x 25"	2000	F300E1035	1054.64

(31)

Replacement Filters

For use with Honeywell TrueCLEAN.

DESCRIPTION	STOCK NO	EACH
16" x 25"	FR8000F1625	155.03



Honeywell F100F Media Air Cleaner

- Captures particles as small as 0.3 microns from the air circulated through the high-efficiency pleated media filter.
- The Media Air Cleaner easily mounts in any position within the return air duct of any gas, oil, and electric forced warm air furnaces and to compressor cooling up to 5 tons.
- Additionally, it requires no electrical connections or maintainence beyond periodic media filter replacement.

SIZE	STOCK NO	EACH
16" x 20"	F100F1620	163.30
16" x 25"	F100F1625	163.30
20" x 25"	F100F2025	163.30

Replacement Media

For Honeywell F100F Series

SIZE	STOCK NO	EACH
MERV 11 • From Honeywell Home		
4½ x 16 x 25"	FC100A1029	41.63
4½ x 20 x 25"	FC100A1037	41.63
4 x 16 x 20"	FC100A1003	41.63
MERV 11 • From Field		
16"x25"x4⅜"	16254M11	21.52
20"x25"x4⅜"	20254M11	22.64

Honeywell Home UV Lamps



UV2400U1000 UV2400U5000

Honeywell UV2400U Ultra Violet Air Purifier

- Lamp is always on
- Replace lamp annually
- SnapLamp™ features replacement lamp handle with detachable replacement lamp

DESCRIPTION	STOCK NO	EACH
Single lamp	UV2400U1000	236.68
with AirBRIGHT Odor Absorption		
Single lamp	UV2400U5000	535.67
Replacement UV Lamps		
STOCK NO		**EACH**
UV2400BULB		103.24



Honeywell UV100E Ultra Violet Air Treatment Return Air

- Kills airborne bacteria.
- Single lamp unit has 70% kill rate, Dual lamp has 87% kill rate.
- UV lamp does not produce ozone.
- Easy maintenance and lamp replacement.
- Sealed unit protects against high voltage and ultra violet rays.

DESCRIPTION	STOCK NO	EACH
Single lamp	UV100E1043	462.30
Dual lamp	UV100E2009	739.47

Honeywell UV100E Replacement UV Lamps

FOR	STOCK NO	EACH
PRIOR to July 4, 2005		
UV100E1043	UC100E1006	124.98
UV100E2009	UC100E1030	138.87

Second Wind Replacement Parts

For best performance replace lamps every year.

Photo-Catalytic Replacment Bulbs

SIZE/FOR	STOCK NO	EACH
18"/All but portables	SW1076	89.51

Replacement Lamp for 1000KCS

STOCK NO	EACH
SW1068	66.50

16" Replacement Lamp

for UVS1036/2036

STOCK NO	EACH
LPPP0002	95.14

Photocatalytic Reactor Lamp

UV-A

STOCK NO	EACH
LPPP0052	95.14

16" Replacement Lamp

for UMX1036/2036

STOCK NO	EACH
UMX16URL	101.84

17" T3™ Replacement Lamp

for UVS, UMX 1900T/1902T/2036T3

STOCK NO	EACH
ASIH1003	95.14

VOC Titanium 16" Shield

STOCK NO	EACH
SMOH0014	139.64

Replacement Filters

for 2060003 Healthway

DESCRIPTION	STOCK NO	EACH
Main Filter	60500	149.03
Carbon/Zeolite Filter	50400	99.00

BreatheCLEAN



Ultraviolet Air Cleaner

- 2 Bulbs protrude 16" (or 9") into ductwork
- 253.7 nanometers
- 12 ft. cord

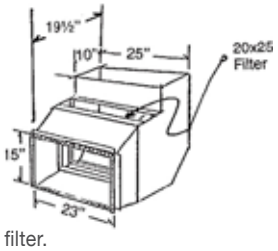
Size: 9¾" W x 2" H x 5¾" D

STOCK NO	EACH
7200100	237.87

16" Replacement Lamp

2-Bulb • 72watt • 253.79 Wavelength

STOCK NO	EACH
7900215	72.62



Shoe only (for Air Bear)

For 5" electrostatic filter.

STOCK NO	EACH
715HES	196.93

(31a)

Media Air Cleaner

Replacement Purolator Media for Electronic Air Cleaners "CUB"

SIZE	STOCK NO	EACH
3"x15 3/4"x24 1/4"	P120016X25X3	38.63



Disposable Polyester Air Filters

SIZE	STOCK NO	EACH
14x20x1	14X20X1FI	4.16
14x25x1	14X25X1FI	4.42
16x20x1	16X20X1FI	3.96
16x25x1	16X25X1FI	4.30
20x20x1	20X20X1FI	4.21
20x25x1	20X25X1FI	4.82
25x25x1	25X25X1FI	7.14
16x20x2	16X20X2FI	5.15
16x25x2	16X25X2FI	5.00
20x20x2	20X20X2FI	5.12
20x25x2	20X25X2FI	5.74



Pleated HE 40 Air Filters

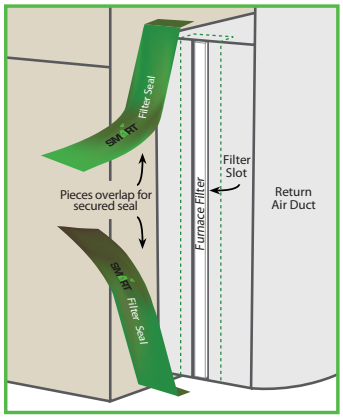
SIZE	STOCK NO	EACH
12X24X1	12X24X1PLFI	6.63
14X20X1	14X20X1PLFI	5.97
14X25X1	14X25X1PLFI	6.45
14X30X1	14X30X1PLFI	9.86
16X20X1	16X20X1PLFI	6.10
16X24X1	16X24X1PLFI	7.32
16X25X1	16X25X1PLFI	6.80
16X26X1	16X26X1PLFI	15.37
16X28X1	16X28X1PLFI	15.37
18X18X1	18X18X1PLFI	8.72
18X20X1	18X20X1PLFI	8.57
18X25X1	18X25X1PLFI	9.42
20X20X1	20X20X1PLFI	6.62
20X25X1	20X25X1PLFI	7.73
20X30X1	20X30X1PLFI	10.87
24X24X1	24X24X1PLFI	8.56
24X30X1	24X30X1PLFI	13.06
12X24X2	12X24X2PLFI	6.78
14X20X2	14X20X2PLFI	7.01
14X25X2	14X25X2PLFI	7.86
16X16X2	16X16X2PLFI	7.37
16X24X2	16X24X2PLFI	7.99
16X20X2	16X20X2PLFI	5.98
16X25X2	16X25X2PLFI	6.65
16X30X2	16X30X2PLFI	18.78
18X18X2	18X18X2PLFI	7.97
18X24X2	18X24X2PLFI	8.66
20X20X2	20X20X2PLFI	6.80
20X24X2	20X24X2PLFI	8.88
20X25X2	20X25X2PLFI	7.92
20X30X2	20X30X2PLFI	12.67
24X24X2	24X24X2PLFI	8.93
24X30X2	24X30X2PLFI	28.04
25X25X2	25X25X2PLFI	10.94
16X20X4	16X20X4PLFI	12.42
16X25X4	16X25X4PLFI	13.17
20X20X4	20X20X4PLFI	13.17
20X25X4	20X25X4PLFI	14.95
24X24X4	24X24X4PLFI	16.01



Purolator Key Pleat Air Filters

Standard-Capacity MERV 8, MERV-A 8-A

SIZE	STOCK NO	EACH
16x20x2	16X20X2KEYPL	4.56
16x25x2	16X25X2KEYPL	5.15
20x20x2	20X20X2KEYPL	5.22
20x24x2	20X24X2KEYPL	7.73
20x25x2	20X25X2KEYPL	6.19
24x24x2	24X24X2KEYPL	7.04



Smart Filter Seal

SMART air & energy solutions

Prevents unconditioned air from bypassing filter.
Fits up to 25" filter slot opening.

STOCK NO	EACH
SMFISE	9.04

Broan Exhaust Fans and Accessories (27)

broan.com



Economy Bath Fan

- Molded plastic impellers, two-pole motor, 7¼" x 7½" x 3⅝" housing for ceiling or wall
- Torsion springs plastic grille mounting
- Damper/duct connector fits 3" round duct.
- 50 CFM; for baths up to 45 sq. ft.

MODEL	STOCK NO	EACH
688	BR688	23.24



Wall Heater

Includes Auto Shut off

Factory wired for 2000 watt at 240v, easily converts to half-wattage. 20¼" x 16⅜"

MODEL	STOCK NO	EACH
192	BR192	479.16



Bulb Heater with Fan

- 250 watt infrared bulb (bulb not included)
- Attractive molded plastic grilles.
- 1 bulb heater/fan 70 CFM, 65 sq. ft.
- 10¼" x 10¼" with 4" duct diameter

MODEL	STOCK NO	EACH
162	BR162	74.69

BROAN



Ceiling Vertical Discharge Fan

- Steel housing installs between ceiling joists.
- Built-in damper, uses 8" round duct.
- 180 CFM, 6.5 Sones, 11½" x 11½"

MODEL	STOCK NO	EACH
505	BR505	121.47



Ceiling Side Discharge Fan

- Mounting brackets are adjustable to allow installation between ceiling joists or walls studs
- Built-in damper requires 3¼" x 10" duct.
- 200 CFM, 5 sones, 11½" x 11½"

MODEL	STOCK NO	EACH
503	BR503	127.55



FLEX DC™ Series Fans

- Low RPM for quiet operation
- FoldAway™ Mounting Ears
- FlexFlow™ CFM Technology
- Connector for 4" duct
- 3-Year Warranty

MODEL	CFM	STOCK NO	EACH
Fan Only, No Light			
AE50110DC	50-110	BRAE50110DC	119.06
With LED Light • 11 watt, 3500K			
AE50110DCL	50-110	BRAE50110DCL	157.10



FLEX™ Series Fans

- Low RPM for quiet operation
- FoldAway™ Mounting Ears
- TrueSeal™ Damper Technology
- EzDuct™ connector for 4" duct
- 1-Year Warranty

MODEL	CFM	STOCK NO	EACH
A80	80	BRA80	70.02
A110	110	BRA110	91.91

FLEX™ Series Fans

Same specs as above with 1-Year Warranty

MODEL	CFM	STOCK NO	EACH
AE80B	80	BRAE80B	61.05

FLEX™ Series Fans

Same specs as above with 3-Year Warranty

MODEL	CFM	STOCK NO	EACH
AE110	110	BRAE110	112.73



Invent™ Series Fans with Lights

- Low RPM for quiet operation
- FoldAway™ Mounting Ears
- TrueSeal™ Damper Technology
- EzDuct™ connector for 4" duct
- 100-watt light capacity (bulb not included)
- 3-Year Warranty

MODEL	CFM	STOCK NO	EACH
A110L	110	BRA110L	110.51



Ultra Green™ Ventilation Fan

CFM Single-Speed Fan

- UltraSmart™ DC Motor & Control Technology
- UltraSilent™ Sound Technology <0.3 Sones
- UltraQuick™ Installation with 4" or 6" ducting
- 3-Year Warrnty

MODEL	CFM	STOCK NO	EACH
XB50	50	BRXB50	183.65
XB80	80	BRXB80	192.00
XB110	110	BRXB110	206.34
UltraLucent™ Lighting Technology			
XB80L	80	BRXB80L	286.82



Ultra Green™ Ventilation Fan

CFM Multi-Speed Fan

- UltraSmart™ DC Motor & Control Technology
- UltraSilent™ Sound Technology <0.3 Sones
- UltraQuick™ Installation with 4" or 6" ducting
- 3-Year Warrnty

MODEL	CFM	STOCK NO	EACH
ZB80	80	BRZB80	174.00



Quiet Bath Fan

- Very quiet operation 0.3 to 1.4 sones
- 11⅜"x10½"x7⅝" housing with 6" duct
- 3-Year Limited Warrnty

MODEL	CFM	STOCK NO	EACH
QTXE80	80	BRQTXE80	144.00
QTXE150	150	BRQTXE150	276.15



Ultra Pro™ Bath Fan

- UltraQuick™ Installation with 4" ducting
- 10½"x 11⅜"x 7⅝" housing
- QStream™ Sound Technology <0.3 Sones
- QFlow™ Damper Technology
- 3-Year Limited Warrnty

MODEL	CFM	STOCK NO	EACH
RB110	110	BRRB110	154.07
UltraLucent™ Lighting Technology			
RB80L	80	BRRB80L	206.34
RB110L	110	BRRB110L	267.75

NEW ITEM



Economy Series

- 4.0 Audible Sones
- Mounts on either 16" or 24" O.C. Joist or stud
- 7½"x7¼"x3⅝" housing with 3" ducting
- 9½"x8 11/16" Grille size
- 1-Year Limited Warrnty

MODEL	CFM	STOCK NO	EACH
696N	50	BR696N	24.78

Broan Exhaust Fans and Accessories (27)

broan.com

Sensonic™ Ventilation Fan



Model SPK110

- Dual High-Fidelity Sensonic™ Speakers
- Bluetooth wireless technology
- Extremely quiet 1.0 Sones
- 10½"x11⅜"x7⅝" housing with 4" ducting
- Includes unique spacer for easy I-joist mounting

MODEL	CFM	STOCK NO	EACH
SPK110	110	BRSPK110	162.86

Economy Fan with Light



- 100 watt light capacity (Bulb not included)
- Plastic grille and unbreakable diffusing lens
- 8"x8¼"x5¾" high housing with 4" ducting

MODEL	CFM	STOCK NO	EACH
678	50	BR678	53.60

Losone Select® Ceiling Ventilator



- Broan high capacity fans are an exceptionally quiet solution to continuous ventilation
- With their heavy-duty motors and high capacity fans they are an ideal solution for conference rooms, public restrooms or commercial buildings that require ongoing ventilation
- Low-vibration and lo-profile
- 11¾"x12¼"x12¼" Housing with 14"x14" Grille

MODEL	CFM	DUCT SIZE	STOCK NO	EACH
L100	109	6"	BRL100	169.37
L200	210	8"	BRL200	199.40
L300	308	8"	BRL300	219.23

LoProfile Ventilation Fan



- Fits in 2"x4" ceiling or wall construction
- 80 CFM with 4" duct for ample air movement
- 3" duct adapter included
- Only 1.5 sones for extremely quiet operation
- 4"x10½"x11⅜" housing with 13"x13¾" grille

MODEL	STOCK NO	EACH
LP80	BRLP80	92.09

Grille/Cover Upgrades

MODEL	STOCK NO	EACH
Bluetooth Speaker Cover with LED Light		
FG800SPKS	BRFG800SPKS	79.13
Cover with LED Light		
FG600S	BRFG600S	42.69
Exhaust Fan Motor and Grille Kit		
QK60S	BRQK60S	57.78
CleanCover™ Grille/Cover		
FG701S	BRFG701S	22.02

Accessories

Roof Cap



- Footprint is 18¾"x14¼"
- Black with backdraft damper and bird screen

MODEL	STOCK NO	EACH
For 3¼"x10" or up to 8" round duct		
634	BR634	38.60
For 6" round duct		
634M	BR634M	45.36

Roof Cap



- Footprint is 11"x9¼" for 3" or 4" round duct
- Black with backdraft damper and bird screen

MODEL	STOCK NO	EACH
636	BR636	19.79

Wall Cap



- Black, 12¾"x5⅝" for 3¼"x10" duct
- Spring-loaded backdraft damper & bird screen

MODEL	STOCK NO	EACH
639	BR639	28.97

Aluminum Wall Cap



- Spring loaded backdraft damper with padded damper zone
- Built-in bird screen
- Constructed of durable aluminum
- Compatible with 6" round ducting

MODEL	STOCK NO	EACH
641	BR641	59.64

Steel Wall Cap



- Spring loaded backdraft damper with padded damper zone
- Built-in bird screen
- Durable steel with a black powder coat finish
- Compatible with 6" round ducting
- Not suitable for dryer venting.

MODEL	STOCK NO	EACH
843BL	BR843BL	30.50

(29)

DryerJack



Model 477

11¾" x 11½" Low profile, optimally designed for roof pitch between 3/12 and 12/12.

FINISH	STOCK NO	EACH
Mill Finish	DJK477MR	69.99
Black	DJK477KR	76.23

Wall Cap



- .025 Aluminum, 13"x12½" for 8" duct
- Built-in backdraft damper, 3⅜" collar

MODEL	STOCK NO	EACH
643	BR643	97.61

Wall Cap



Model 885BL/885AL

- 6½"x6½" for 3" or 4" round duct
- Spring-loaded backdraft damper & bird screen

FINISH	STOCK NO	EACH
Black	BR885BL	26.81
Aluminum	BR885AL	44.27

(31)

Digital Fan Control



FINISH	STOCK NO	EACH
White	HVC0001	71.56

Humidity Sensing Wall Control



- Sensaire™ responds to increase in humidity
- Variable setting from 20% to 80% relative humidity, set minutes per hour, or set manually
- Fits single-gang box; 120V, 60Hz
- Requires neutral wire for operation

MODEL	STOCK NO	EACH
82W	BR82W	45.11

AprilAire Humidifiers, Air Purification & Dehumidifiers

aprilaire.com



Whole-House Bypass Humidifiers

Includes:
- Humidifier
- Hunidistat
- Water Panel(s)
- 24VAC Transformer
- Outdoor Temperature Sensor
- Saddle Valve

MODEL	HUMIDISTAT	CAPACITY (GAL PER DAY)	STOCK NO	EACH
400	*Auto*	*17*	*APRIL400*	*727.00*
500M	*Manual*	*12*	*APRIL500M*	*431.23*
500	*Auto*	*12*	*APRIL500*	*540.13*
600M	*Manual*	*17*	*APRIL600M*	*469.48*
600	*Auto*	*17*	*APRIL600*	*640.26*



Whole-House Fan-Powered Evaporative Humidifiers

Includes:
- Humidifier
- Hunidistat
- HYDROL L Hydrocore Water Panel
- 4010 24VAC Transformer
- 4001 Saddle Valve

MODEL	HUMIDISTAT	CAPACITY (GAL PER DAY)	STOCK NO	EACH
720M	*Manual*	*21*	*APRIL720M*	*885.78*
720A	*Auto*	*21*	*APRIL720A*	*992.87*
Replacement Hydrocore Water Panel				
HYDROL			*APRILHYDROL*	*61.83*



Whole-House Steam Humidifiers

Includes:
- Humidifier
- Didital Automatic Hunidistat
- Steam Canister
- Outdoor Temperature Sensor
- Saddle Valve
- 6' Steam Hose
- ⅞" x 10' Drain Tubing
- Hose Clamps
- Steam Dispersion Tube

MODEL	CAPACITY (GAL PER DAY)	STOCK NO	EACH
800	*34.6*	*APRIL800*	*2177.29*
Low Conductive H20			
800LC	*34.6*	*APRIL800LC*	*2177.29*
Replacement Canisters			
80		*APRIL80*	*193.96*
80LC		*APRIL80LC*	*193.96*

See page 938 for AprilAire Controls & Thermostat



Whole-House Electronic Air Purifier

- 15 MERV Rating
- Removes Airborne Particles, Airborne Allergens, Dust, Pollen, Mold Spores, Pet Dander, Asthma Triggers, Bacteria, Dust Mites
- Includes 16" x 25" 501 Air Filter Media
- Includes 6 4270 Pleat Spacers

MODEL	STOCK NO	EACH
5000	*APRIL5000*	*1705.23*
Replacement Air Filter Media		
501	*APRIL501*	*120.23*



Air Filter Media

FOR MODEL(S)	STOCK NO	EACH
MERV 10		
2200 & 2250	*APRIL201*	*87.87*
2400	*APRIL401*	*85.14*
MERV 11		
1210, 2210, 3210, & 4200	*APRIL210*	*109.07*
1410, 2410, 3410, & 4400	*APRIL410*	*100.60*
MERV 13		
1210, 2210, 3210, & 4200	*APRIL213*	*122.18*
1410, 2410, 3410, & 4400	*APRIL413*	*111.65*
MERV 16		
1210, 1620, 2210, 2216, 3210, & 4200	*APRIL216*	*234.01*
1410, 1610, 2410, 2416, 3410, & 4400	*APRIL416*	*234.01*



Water Panels

FOR MODEL(S)	STOCK NO	EACH
110,220,500,550,550A,558	*APRIL10*	*18.36*
112,224,225,440,445,448	*APRIL12*	*34.31*
350,360,560,568,600,700	*APRIL35*	*25.72*
400	*APRIL45*	*61.37*



Saddle Valve

STOCK NO	EACH
APRIL4001	*30.22*



Solenoid Valve 110V

STOCK NO	EACH
APRIL4005	*222.45*

Current Sensing Relays

VOLTAGE	STOCK NO	EACH
24V	*APRIL50*	*84.91*
120V	*APRIL51*	*106.66*



Whole-House Dehumidifiers

Includes:
- Deumidifier
- 10" Outlet Duct Coller
- 10" Inlet Duct Coller
- Backdreaft Damper
- Torx Bit
- Leveling Feet
- Screws
- Barbed Drain Fitting
- 8' Power Cord
- Washable MERV 8 Filter

MODEL	PINTS/GALLONS REMOVED PER DAY	STOCK NO	EACH
E080	*80 (10 Gal.)*	*APRILE080*	*3431.34*
E100	*100 (12.5 Gal.)*	*APRILE100*	*3962.68*
Hard Wired			
E130H	*130 (16 Gal.)*	*APRILE130H*	*5202.86*



Scale Control Inserts & Maintenance Kits/Water Panels

FOR MODEL(S)	STOCK NO	EACH
Model 500 (10 - Scale Control Inserts)	*APRIL4640*	*36.83*
Models 700, 700A, 700M, 760, 760A, & 768	*APRIL4750*	*119.45*
Models 350 & 360	*APRIL4785*	*219.07*
Models 400 & 400A	*APRIL4788*	*217.67*
Models 500, 500A & 500M	*APRIL4792*	*121.80*
Models 550, 550A & 558	*APRIL4793*	*132.47*
Models 560, 560A & 568	*APRIL4837*	*139.90*
Models 600, 600A & 600M	*APRIL4839*	*124.06*



Air Purifiers

SIZE	STOCK NO	EACH
MERV 11		
16" x 25"	*APRIL1410*	*254.57*
20" x 25"	*APRIL1210*	*254.57*
MERV 11 - Easy Install		
16" x 25"	*APRIL1610*	*403.19*
20" x 25"	*APRIL1620*	*462.52*
MERV 13		
16" x 25"	*APRIL2410*	*334.23*
20" x 25"	*APRIL2210*	*334.23*



Air Filter Performance Upgrade Kit

Upgades MERV 10 Filters to MERV 13 Filters

FOR MODEL(S)	STOCK NO	EACH
2120 & 2200	*APRIL1213*	*172.14*
2140 & 2400	*APRIL1413*	*172.14*

Fantech RADON Ventilating Fans (27)

fantech.net

DBF110 Dryer Booster Kit



4" Ducting • FR110 fan included.

MODEL/STOCK NO	EACH
DBF110	298.38

PERFORMANCE-FR Fan						
Model	Max RPM	Max Watts	Max Amps	CFM @0" Ps	CFM @.2" Ps	Duct
DBF110	2761	75	.72	167	150	4"

RSK Backdraft Damper



In-Line Backdraft Damper

SIZE	STOCK NO	EACH
4"	RSK4	15.83
6"	RSK6	22.73
8"	RSK8	27.42
10"	RSK10	39.57

Rn 4EC-3 Inline Radon Fan



- Use for High Suction, High Airflow with EC Motor
- Speed Control Included
- LDVI™ Couplings Included
- Airtight Housing Guaranteed
- Large Electrical Box
- Zero Leakage

Radon Fan, Inline, 4¼ max SP

MAX AIRFLOW	DUCTING	STOCK NO	EACH
490 CFM	3½"	RN4EC3	370.25

Radon Fan



RN Series

MAX AIRFLOW	DUCTING	STOCK NO	EACH
166 CFM	4"	RN2	145.33

FG Fan Series

Remotely mounted in-line fan suitable for mounting in outdoor and wet locations (NOT underground or with water running thru motor housing). Fans are caulked at motor screws, wiring cables and seams to prevent moisture from entering the motor housing. Prewired. Mounting bracket included.

Features:

- Airtight galvanized steel housing for residential & commercial applications
- Rated for outdoor use & airstream temperatures up to 140° F
- Powered by ebm-papst external rotor motorized impeller for excellent heat dissipation, even at low RPM
- Waterproof gasket on wiring box
- 135 to 589 CFM
- 4" to 10" duct diameters
- 100% speed controllable
- 5 year factory warranty



MODEL/STOCK NO	EACH
FG4	200.34
FG5	214.83
FG6	234.44
FG8	323.95
FG10XL	434.78

PERFORMANCE - FG Series Fan								
Model	Max RPM	Rated Watts	Max Amps	CFM @0" Ps	CFM @.2" Ps	Bathroom Exhaust Area	Multiple Rooms Combined sq ft	Duct
FG4	3000	20	0.19	135	110	Up to 85 sq ft	----	4"
FG5	3000	20	0.19	156	130	Up to 125 sq ft	Up to 125 sq ft	5"
FG6	2700	72	0.68	303	270	140 to 210 sq ft	125 to 180 sq ft	6"
FG8	2550	119	1.14	461	410	-----	-----	8"
FG10XL	3100	196	1.96	589	560	-----	-----	10"

FRIK 4x4 Rn Installation Kit



Included in the FRIK kit is a pair of our new LDVI™ (Low Durometer Vibration Isolating) couplings, Manometer, and Radon Labels.

SIZE	STOCK NO	EACH
4" x 4"	FRIK4X4	58.31

FRIK 4x3 Rn Installation Kit



Included in the FRIK kit is a pair of our new LDVI™ (Low Durometer Vibration Isolating) couplings, Manometer, and Radon Labels.

SIZE	STOCK NO	EACH
4" x 3"	FRIK4X3	58.31

Electronic Push Button Timer

115 volt. 60, 30, 20, or 10 min.

STOCK NO	EACH
FD60E	52.00

Speed Control

ON/OFF Switch • 10amps.

For Use with ALL Models

STOCK NO	EACH
RPE10	70.76

(27)

Radon Tag



2" x 4" Sticker. 100 per roll.

MODEL/STOCK NO	EACH
RADONTAG	64.29

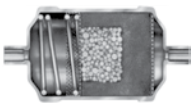


See Page 1310 for Couplings

Miscellaneous Air Conditioning Accessories (27)

diversitech.com

A/C Liquid Line Filter Dryer



- R-22 and R410-A. 100% molecular sieve.
- High moisture & acid capacity.
- Solid copper sweat fittings.

CONNECTION SIZE	FILTER AREA SQ. IN	*CAP. TONS R-22 & R410A REFRIGERANT	STOCK NO	EACH
O.D. Solder Connections				
3/8"	27	3	832515141	12.81
3/8"	34	4	832515142	16.59
1/2"	61	5	83ADK084S	25.87

Heat Pump Liquid Line Filter Dryer

CONNECTION SIZE	FILTER AREA SQ. IN	*CAP. TONS R-22 & R410A REFRIGERANT	STOCK NO	EACH
O.D. Solder Connections				
3/8"	34	5	83BFK163S	70.07

E-Flex Pro-System Kit



UV Protected • Titan GS30 Outlet

SIZE	STOCK NO	EACH
1/2" Insulation Thickness Dia. • E-Flex Guard 72E		
7/8"	78EFLEXKIT	148.75
3/4" Insulation Thickness Dia. • E-Flex Guard 72C		
1 1/8"	118EFLEXKIT	148.75

E-Flex Guard



HVAC Line-Set & Solar Pipe Insulation Protectors UV Protected

SIZE	STOCK NO	EACH
1/2" x 75'	750E	526.15
3/4" x 75'	750C	542.30

(24)

Safe-T-Switches







- For installation on Drain Pans
- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire

MODEL	STOCK NO	EACH
SS1	RE97632	38.40
SS2	RE97637	33.09
SS3	RE97647	19.26

(24)

Safe-T-Switch SSW



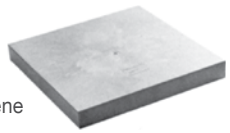
Secondary drain pan shut-off switch, Safe-T-Switch Model SSW, detects clogged A/C condensate drains and shuts off system to prevent water damage.

- Sensor connects to indoor unit
- Onboard LED Indicator
- Power supply – 24VAC

STOCK NO	EACH
RE97092	74.49

(25a)

A/C Pads



High impact polypropylene pad with UV inhibitors.

SIZE	STOCK NO	EACH
2" Textured gray surface		
24x24x2"	ACP2424	35.20
24x30x2"	ACP2430	58.82
24x36x2"	ACP2436	54.01
30x30x2"	ACP3030	52.63
30x36x2"	ACP3036	85.16
30x40x2"	ACP3040	127.18
32x32x2"	ACP3232	72.46
32x44x2"	ACP3244	57.39
34x34x2"	ACP3434	90.76
36x36x2"	ACP3636	86.87
38x42x2"	ACP3842	113.39
3" E-Lite®		
18x38x3"	ACP18383	49.02
3" Textured gray surface • Stocked in Fargo Only		
24x24x3"	ACP24243	42.54
30x30x3"	ACP30303	65.47
32x32x3"	ACP32323	71.35
32x44x3	ACP32443	175.83
36x36x3"	ACP36363	81.07

(25a)

Heat Pump Pad



SIZE	STOCK NO	EACH
36x36x8"	HP36368	148.83

Anti-vibration Pads



The cork is laminated between two corrugated pads to reduce vibration and noise. Designed to withstand 50 lbs. psi. Elastomeric oil resistant.

SIZE	MATERIAL	STOCK NO	EACH
4" x 4" x 3/8"	Rubber Only	MP4	1.64
2" x 2" x 7/8"	Cork Center	MP2C	.70
4" x 4" x 7/8"	Cork Center	MP4C	2.56

Furnace Mounting Block



SIZE	STOCK NO	EACH
4x6" Triangle	DIFB1	11.54

Heat Pump Risers



- Elevate AC, heat pumps & air handlers.
- Heavy-duty plastic.
- Butyl mastic on the top and bottom guarantees no slipping and reduced vibration and noise
- Four risers can handle up to 2,000 lb load

STOCK NO	EACH
HPR-6 - 6" Grey Heat Pump Pump Riser	
HPR6	7.50
HPR-EXT - 4" Two Piece Extension	
HPREXT	5.08

Bramec Electrical Disconnect Switch



STOCK NO	EACH
60 AMP, 1PH Non-Fused Metal with GFCI	
BR13153	117.28
60 AMP, 1PH Non-Fused Metal	
BR13154	22.93
60 AMP, 1PH Non-Fused Plastic	
BR13146	45.65
30 AMP, 1PH, 3HP Fused Plastic	
BR13148	48.43

Dual Element Fuses



- 200,000 amps rms
- Time delay
- U.L. Class RK-5, Standard for Safety 198E

DESCRIPTION	STOCK NO	EACH
20 Amp, 250V.	7CRNR20	5.26
25 Amp, 250V.	7CRNR25	5.96
30 Amp, 250V.	7CRNR30	5.26

DiveriWhips Condenser Wiring Kit



1-straight and 1-90° connector

DESCRIPTION	STOCK NO	EACH
1/2"x4' #10 THHN wire	6124NM	21.46
1/2"x6' #10 THHN wire	6126NM	28.40
3/4"x4' #8 THHN wire	6344NM	28.84
3/4"x6' #8 THHN wire	6346NM	38.68

Screw-On Wire Connectors



Resist heat distortion. Box of 100. Connectors are for copper to copper connections.

DESCRIPTION	STOCK NO	EACH
Blue,#22-#14 AWG, Min3 #22, Max 2 #16, 300V Max	6292CX	18.25
Yellow,#18-#12 AWG, Min 1#14 & 1#18, Max 2#14 & 3#16, 600V Max	6294CX	25.34
Red, #18-#10 Min1#12 & 2#18, Max 2#10 & 1#12, 600V Max	6296CX	39.29

Head Pressure Control



STOCK NO	EACH
ICM326HC	197.22

(40)

100 Pack Cable Ties



7" length, 2" max. bundle dia.

STOCK NO	EACH
6262CX	9.06

(40)

Bramec Foam Tape



2" x 30'. No. 1007

STOCK NO	EACH
BR1007	7.09

(25a)

Post-Purge Fan Delay Timer Control



STOCK NO	EACH
ICM253	53.08

Miscellaneous Air Conditioning Accessories

(42)
Refrigerant Recovery Cylinder (50 lbs)



STOCK NO	EACH
63010	175.59

Additional HVAC accessories, manifolds and hoses, please refer to page 1906 & 1927

(337B)
Nitrogen Purging Regulator



- Preset Purge (25-35 CFH) Braze (3-6 CFH) and Pressure Test (500 PSI or 250 PSI) Settings
- Regulator and Flowmeter in ONE
- Hand Tight Cylinder Connection
- 650 PSI Test Pressure

SIZE	STOCK NO	EACH
1/4" Male SAE Flare	VN650	231.94

Ritchie FQC x Male Flare Adapter



FOR USE WITH PANASONIC & SANYO R-410A UNITS.
Required to connect standard R-410A manifold gauge set.

SIZE	STOCK NO	EACH
5/16"FQC x 1/4"MFL	RI19173	21.60

(24)
AC Leak Freeze Pro



Pro Nano 1.5 oz. refrigerant leak sealant with new leak seeking nano particles creates a stronger dual sealant! Nano particles are non-polymer and non-reactive technology that fills cracks and imperfections in hvac coils. Works on all A/C, H.P. & Mini Splits.

STOCK NO	EACH
With Triple Action Magic Frost	
RE45317	135.14
With UV formula to detect larger leaks	
RE45318	107.57

(24)
Kickstart Hard Start Devices



- 2 non polarized wire design
- 3-year warranty
- Extends the life of A/C, refrigeration, & heat pump compressors
- OEM tested & approved

MODEL	TONNAGE	STOCK NO	EACH
TO-5	1-3 Tons	RE96503	78.05
KS-1	3.5-5 Tons	RE96506	91.94

(18)
Mega Bubble Leak Detector



32 oz. spray

STOCK NO	EACH
SPLEDE	20.12

(27)
No 1004 Thum-Gum Sealing Compound



- Non-hardening putty for larger sealing jobs
- For plugging openings through foundations
- Use when installing central air conditioning
- For plugging refrigeration tube entry
- Does not contain asbestos

DESCRIPTION	STOCK NO	EACH
2-Lb.	2LBTHGU	10.06

(00)
R-410A Refrigerant

DESCRIPTION	STOCK NO	PER LB.
#25	25R410A	15.76

Please call for pricing and availablility.

(00)
R-22 Refrigerant

DESCRIPTION	STOCK NO	PER LB.
#30	30R22	49.09

Please call for pricing and availablility.

(27)
Novent Caps



Locking Refrigerant Caps

SIZE	FOR	QTY.	STOCK NO	EACH
1/4"	R-22	2 Pack	RE86662	20.81
5/16"	R-410A	2 Pack	RE86672	35.60

(27)
Multikey



Fits all Novent Caps

STOCK NO	EACH
RE86698	20.23

(27)
Novent Keys



Screwdriver Key and Universal Cap

FOR	STOCK NO	EACH
R-22	RE86660	25.66
R-410A	RE86688	25.66

(40)
Yellow Jacket Vacuum Oil - 1 Quart



STOCK NO	EACH
RI93092	14.81

(40)
Ritchie Schrader Core Remover/Installer



STOCK NO	EACH
RI19306	17.73

(40)
Vacuum/Charge Valve



With extra 1/4" Side Port

STOCK NO	EACH
RI18975	86.83

(40)
Ritchie Yellow Jacket Heavy Duty Refrigerant Ratchet



Heavy duty features a heavier handle and larger gear. Square opening 3/16" and 1/4" at one end; 3/8" and 5/16" at other end.

STOCK NO	EACH
RI60618	34.20

(40)
Hex Key Adapter



For use with RI60618 Ratchet

STOCK NO	EACH
RI60638	17.82

(40)
Ritchie Yellow Jacket 110lb. Charging Scale



Eliminates refrigerant transfer from tank to cylinder to system. The cylinder with refrigerant is weighed before and after charging.

STOCK NO	EACH
RI68802	456.18

(40)
Ritchie Yellow Jacket SuperEvac LCD Vacuum Gauge



Combining thermocouple sensor technology with advanced electronics for precise readings & reliability not found with thermistor sensors or analog meters.

STOCK NO	EACH
RI69075	530.42

(42)
Kick Start

208-230 • 1.5-3Ton

STOCK NO	EACH
42TO5	79.34

Miscellaneous Air Conditioning Accessories

nucalgon.com

Nu-Calgon (40)

Evap Pow'r-C



Highly concentrated for cleaning indoor evaporator coils and should be diluted with water at a 3:1 ratio

SIZE	STOCK NO	EACH
1 gallon	NC416808	34.89

Nu-Brite



Non-acid condenser coil cleaner

SIZE	STOCK NO	EACH
1 gallon bottle	NC429108	37.89

Rx11-flush tool



Flush Tool for ¼" lines up to 1⅛"

STOCK NO	EACH
NC430050	20.09

Coil Gun



For spraying coil cleaners
Mixes water with cleaners as it sprays

DESCRIPTION	STOCK NO	EACH
Hose-end sprayer	NC47740	135.39

A/C EasySeal



Prevents refrigerant leaks and seals existing leaks in air conditioning and refrigeration systems.

DESCRIPTION	STOCK NO	EACH
Display Pack: Two 2.5oz. Canisters, Valve & Hose		
4050-02	NC405002	203.86
2.5oz. Canister, Treats 1.5 - 5 tons		
4050-06	NC405006	89.19
Valve & Hose ONLY		
4051-99	NC405199	25.94

(24)

Turbo-Kleen Kit



Kit includes:
- Injector nozzle & canister
- Flushing tool
- Plastic connecting line
- 1 pt. of chemical solution

For HVAC/R systems, to clean refrigeration line sets when installing new compressors after burnouts, or converting to R-410A refrigerant.

STOCK NO	EACH
RE82500	159.05
1 Pint Solution Refill	
RE82400	65.13
1 Gallon Solution Refill	
RE82450	449.19

(24)

Better Bubble



Leak locator biodegradable formula for use on surface temp. from 20°F to 250°F

SIZE	STOCK NO	EACH
8 oz.	RE65554	9.18
32 oz. Spray	RE65432	23.74

(24)

Coil-Cure



18 oz. Aerosol No-Rinse Evaporator Coil Cleaner & Disinfectant

STOCK NO	EACH
RE11070	19.26

(24)

Clean-N-Safe



20 oz. Aerosol Non-acid Biodefradable Coil Cleaner

STOCK NO	EACH
RE83780	17.90

(24)

RectorShield



11 oz. Tube of heat absorbing paste for use while soldering, brazing & welding

STOCK NO	EACH
RE83554	20.43

(27)

Sight Glass Moisture Indicator



Leak proof fused sight glass.
U.L. listed for 500 psi working pressure.

O.D.SWT. CONN. SIZE	OVERALL LENGTH	CUTOUT LENGTH	STOCK NO	EACH
⅜"	4.88"	4.12"	832521102	28.91
⅝"	4.88"	3.62"	832521105	32.81

(18)

RectorSeek Low-Temp Leak Locator



is a leak locator for use at cold temperatures from -35°F to +200°F on pipes or tanks that contain gases. DO NOT use on oxygen systems. Can be used with freons and ammonia. It contains no oils, halgens, ammonia or amines.

SIZE	STOCK NO	EACH
Gallon	RE61273	71.57

(24)

Clean N Safe



1 Gallon Non-Acid Coil Cleaner

STOCK NO	EACH
RE83785	41.34

(24)

Desolv Spray



16 oz. Aerosol Coil Cleaner

STOCK NO	EACH
RE82561	19.28

(24)

Desolv Cleaning Kit



Includes:
- Desolv Cleaning Solution (1 gal)
- C-Band Frame Assembly
- Single Use Funnel Bags (2)
- Drain Pail (5 gal)
- Installation Instructions

STOCK NO	EACH
RE82560	336.73
Replacement Funnel Bags	
RE82562	13.95



(24)

Nu Line AC Drain Line Cleaner



8oz. non-corrosive for condensate drains

STOCK NO	EACH
RE97685	8.78

(24)

Lineshot



AC Drain Line Flush Device

STOCK NO	EACH
RE81980	61.21
Replacement CO^2 Cartridge	
RE81981	46.63

Miscellaneous A/C & Heating Supplies

A/C Leak Detectors & Accessories (40)

diversitech.com



Super Seal Advanced

AC/R Leak Sealant with Dry R

SIZE	STOCK NO	EACH
1.5-5 Tons	944KIT	110.08
5+ Tons.	948KIT	111.10



Dry R

Moisture Elinimator

SIZE	STOCK NO	EACH
up to 5 Tons	973KIT	97.82



Boost Juice®

An additive that lowers energy costs on HVAC/R system by reducing the amperage draw up to 22%

SYSTEMS	STOCK NO	EACH
Injectable Hose with Chemicals		
Up to 6 Tons.	992BOOST	129.70



Super Change™

Converts non-POE oils to new HCF refrigerants. Such as R22 to POE-based R407C & R410A.

SYSTEMS	STOCK NO	EACH
Injectable Hose w/Chemicals • Avoids a Full Flush		
Up to 6 Tons.	991CHANGE	125.32
Vacuum-sealed can • Hose sold separately		
Up to 6 Tons.	981CHANGE	92.72



Flash™ Detect Inject

Integrated UV dye solution to expose leaks.

SYSTEMS	STOCK NO	EACH
Injectable Hose with Chemicals		
Up to 6 Tons.	990FLASH	124.32



Super Seal Flex Inject Hose

Triple power sealant installs in seconds with no tools or gauges required. Works with all compressors, heat pumps, condensers, recovery units, and other system components. Up to 20kw/6 Tons including R410A.

SIZE	STOCK NO	EACH
Up to 6 Tons.	985SEAL	117.28
Up to 6 Tons (UV dye) .	995FLEXINJECT	136.58

Surge Protectors (24)

rectorseal.com



RSH-50 Disconnect Boxes

Designed to protect all single phase, 120/240-V air conditioning, heat pumps and ductless mini-split systems (DMSS) from transient over-voltage and natural-cause surges.

DESCRIPTION	STOCK NO	EACH
60A Non-Fused	RE96419	193.45
30A Fused	RE96417	193.32



RSH-50 VRM KIT

The RSH-50 VRM KIT combines the VRM60A and the RSH-50 in a NEMA 3R enclosure, for an all-in-one equipment solution. The RSH-50 uses Gas Discharge Tube (GDT) Technology along with Thermally Fused Metal Oxide Varistors (TMOV) for ultimate protection.

STOCK NO	EACH
RE96421.	401.11



RSH-50 Surge Protective Device

(SPD) for Single-Phase System 120/240 VAC Type 1

STOCK NO	EACH
RE96415.	96.26

Evergreen Motors



(27)

Evergreen Replacement Motors

120/208/230 1075

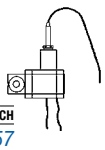
FOR	STOCK NO	EACH
½ HP	5SME39HXL110	291.86
1 HP	5SME39SXL111	348.50



(42)

ECM Motor Tester

DESCRIPTION	STOCK NO	EACH
Tester	PD510009	243.29



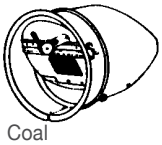
(25)

Low Ambient Kit R-410A

STOCK NO	EACH
RXADA07	339.57

Field Draft Controls (27)

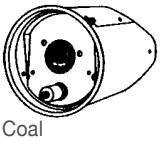
fieldcontrols.com



Type RC

Single-acting for Oil, Wood and Coal

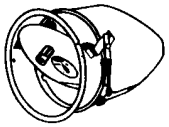
DESCRIPTION	STOCK NO	EACH
6" R-C	FI6RC	56.92
8" R-C	FI8RC	96.91



Type M

Single-acting for Oil, Wood and Coal

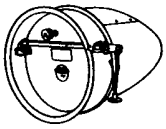
DESCRIPTION	STOCK NO	EACH
6"M 5 and 6"	FI6M	102.57
8"M 7 and 8"	FI8M	151.48



Type MG1

Double-acting for Gas Only

DESCRIPTION	STOCK NO	EACH
6"MG1 5 and 6"	FI6MG1	124.77
8"MG1 7 and 8"	FI8MG1	172.45

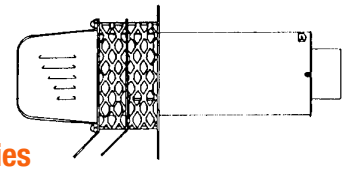


Field Triple Fuel Barometric Draft Control

for Oil, Gas, Wood and Coal

DESCRIPTION	STOCK NO	EACH
12"M+MG2 11 and 12".	FI12M	377.10

Field Power Venters (27)



SWG Series Power Vent Systems

The SWG Series from Field Controls combines the fan, motor and vent hood into one complete and compact unit that's easily installed outside the building so noise and vibration are virtually eliminated from the occupied areas.

DESCRIPTION	STOCK NO	EACH
416,000.	SWG6	931.75

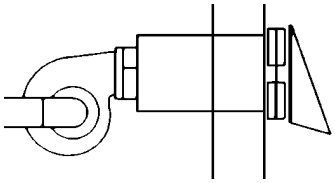
GSK-3

Gas Spillage Sensing Switch

STOCK NO	EACH
GSK3	45.85

GPAK Series Through-The-Wall Vent Systems

Reduce costs while increasing safety and performance



Features:
- Factory wired for fast, easy installation.
- Built-in fan proving switch interlocks with gas valve.
- 24/115V switching relay.
- Rugged aluminum vent hood.
- Kit encludes everything for complete installation (except vent pipe).

MODEL SELECTION CHART

Model	Vent Pipe Dia	BTU/Hr Input	Max Total Vent Pipe Length Atmospheric A	Fan Assisted B	*40,000 ATM + Column B C
GPAKJ	4	45,000	100'	60'	60'
		75,000	100'	60'	60'
		100,000	100'	60'	N/A
		120,000	45'	60'	N/A
GPAK1	4	100,000	100'	60'	60'
		120,000	100'	60'	60'
		150,000	100'	60'	60'
		200.000	87'	N/A	N/A
		250,000	40'	N/A	N/A

* Column C allows for up to 40,000 BTU/Hr input atmospheric water heater common vented with a fan assisted appliance from column B.

Table is based on straight vent pipe. 90° elbows are equivalent to 10 feet of straight vent pipe. 45° elbows are equivalent to 5 feet of straight vent pipe. Category A pipe runs over 30 linear feet should use type"B" vent. Category B&C pipe runs over 15 linear feet should use type "B" vent. If the appliance flue is greater than 4", install a tapered reducer directly after the draft hood, draft diverter or barometric draft control to 4". All vent pipe from the appliance to the power venter must be 4".

STOCK NO	EACH
GPAKJ	*734.13*
GPAK1	*734.13*

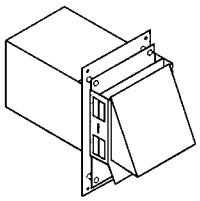


Sidewall Vent System

AGA design certified. Sidewall venting residential or light commercial gas water heater.

Includes:
- Post purge timer/relay
- 24 volt gas solenoid valve
- Gas pressure switch
- Lineal limit spillage switch
- Vent hood
- Factory prewired.

DESCRIPTION	STOCK NO	EACH
Wtr Htrs 60mBTU or less	*TJVP2*	*701.80*
Wtr Htrs 60m-120mBTU	*TJVP3*	*732.05*



Sidewall Vent Hood

Designed to terminate and many horizontally vented appliances. Heavy duty, corrosive resistant aluminum. Mounting hardware included.

DESCRIPTION	STOCK NO	EACH
3"	*TJVH13*	*149.64*
4"	*TJVH14*	*178.84*



Duct Booster

Boosts air flow to the hard to heat or cool areas. Fits round or rectangular forced air duct work. Easy to install. Manual or automatic operation. boosts air flow up to 275 CFM.

STOCK NO	EACH
TJDB2	*158.51*



Vent Screen

For use on furnace & water heater vents.

PIPE SIZE	ACTUAL DIA.	STOCK NO	EACH
2"	*2 3/8"*	*2VESC*	*12.03*
2 1/2"	*2 7/8"*	*25VESC*	*12.96*
3"	*3 1/2"*	*3VESC*	*12.96*
4"	*4 1/2"*	*4VESC*	*14.81*

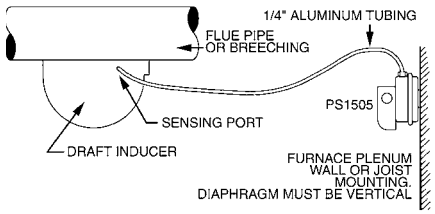


Fan Proving Switch

Assuring that adequate draft is present before burner is allowed to fire.

STOCK NO	EACH
TJPS1505	*117.32*

Typical Installation



Accessories & Parts

Relays

STOCK NO	EACH
24/115 v	
TJ9501040	*52.66*

In-Line Draft Inducers

STOCK NO	EACH
In line 115/1/60-1/70 HP open	
TJDJ3	*239.84*
In line 115/1/60-1/20 HP open	
TJD3	*239.84*
In line 115/1/60-1/4 HP open	
TJI	*666.87*

Control Interlock

STOCK NO	EACH
Multiple appliance control for power venter/inducer	
TJMAC4	*466.13*

UC1 Universal Control

LED status/diagnostic indicators, adjustable pre and post purge.

STOCK NO	EACH
TJUC1	*193.44*

Miscellaneous Heating Supplies

(27)
Bramec Vinyl Tubing
Clear

SIZE	STOCK NO	EACH
¼ I.D. x 100'	14IDCLTU	20.04
⅜ I.D. x 100'	38IDCLTU	22.38
½ I.D. x 100'	12IDCLTU	39.58
⅝ I.D. x 100'	58IDCLTU	44.70
¾ I.D. x 100'	34IDCLTU	69.12

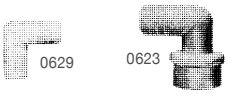
(27)
Braided PVC Tubing

SIZE	STOCK NO	EACH
⅜"	38IDBRTU	55.56
½"	12IDBRTU	75.90
⅝"	58IDBRTU	105.12
¾"	34IDBRTU	141.26

(27)
Polyethylene Tubing

SIZE	STOCK NO	EACH
¼ O.D. x 100'	14ODCLTU	15.70

Nylon Fittings



(27)
Elbows

DESCRIPTION	STOCK NO	EACH
½" Barb	12NYL	6.14
⅝" Barb	58NYL	6.68
½"B x ¾" FPT	12X34NYL	6.40
½"B x ¾" MPT	12X34NYLMPT	1.46
¾"B x ¾" FPT	34X34NYLF	2.04
¾"B x ¾" MPT	34X34NYLM	1.68
⅝"B x ¾" FPT	58X34NYL	8.88
⅝"B x ¾" MPT	58X34NYLM	6.56



(27)
Tees

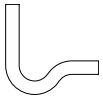
DESCRIPTION	STOCK NO	EACH
½" Barb	12NYT	6.18
½"Bx½"MPT	12X12X12MPTNYT	1.32
⅝" Barb	58NYT	6.00



(27)
Adapters

DESCRIPTION	STOCK NO	EACH
½"B x ½" MPT	12X12NYA	5.46
½"PVC x ½" FPT	12SX12FPT	.42
½"B x ¾" FPT	34X12NYA	7.52

(02)
Full Flow PVC Condensate Traps
Schedule 40 P-trap



DESCRIPTION	STOCK NO	EACH
¾"	34COPT	1.50

(24)
VCMA Series Condensate Pumps



Designed for automatic removal of condensate produced by air conditioning evaporator coils and high efficiency gas condensing furnaces. 115 volt. With check valve.

MODEL/STOCK NO	EACH
VCMA15UL	54.14
With Safety Switch	
VCMA15ULS	56.81
VCMA20ULS	76.03

Model	Full Load Amps	Aux Safety Switch	---Gallons/Hr. at--- 1'	5'	9'	15'	Shut Off
VCMA15UL	1/60	NO	65	50	30	---	15'
VCMA15ULS	1/60	YES	65	50	30	---	15'
VCMA20ULS	1.5/60	YES	84	75	60	42	21'



(27)
AC Shutoff Switch
Fast installing, reliable, condensate overflow detection switch. Featuring a unique universal pan mount design to assure accurate detection in metal or plastic secondary drain pans.

STOCK NO	EACH
CS1200	28.24

(42)
Condensate Safety Switch

STOCK NO	EACH
84SS2	44.02



(24)
EZ Trap Kit with Brush
Thinner walled trap for light duty applications

SIZE	STOCK NO	EACH
¾"	RE83114	24.12

(24)
EZ Trap 200 Series Smart Trap Kit



SmartTrap adds a float switch that warns of blockage and shuts down the A/C unit. Slip fit float switch removes easily for cleaning and inspection.

SIZE	STOCK NO	EACH
¾" with switch 1" deep	RE83210	66.63

(31)
Thermostat Wire



DESCRIPTION	STOCK NO	EACH
18 Gauge • Sunlight Resistant		
18/2 500' coil	500THWI182	79.91
18/3 500' coil	500THWI183	116.57
18/5 250' coil	250THWI185	80.37
18/8 250' coil	250THWI188	121.82
18/12 250' coil	250THWI1812	212.38
18 Gauge • Plenum Rated		
18/6 250' coil	250THWI186	115.54
16 Gauge • Plenum Rated • Shielded		
16/2 250' coil	250THWI162S	98.60
16/2 1000' coil	1000THWI162S	394.39
14 Gauge • EZ-IN Shielded Mini-Split Cable • 600v		
14/4 50' coil	50EZIN	166.08
14/4 250' coil	250EZIN	660.70
14 Gauge • Mini-Split Tray Cable • 600v		
14/4 50' coil	50MINSPWI	65.89
14/4 250' coil	250MINSPWI	321.61

(24a)
Safety Overflow Switch (SOS)



Includes:
Switch, 5' 18AWG (2) wire lead & ¾" PVC male adapter

STOCK NO	EACH
SAOVSW	81.22

Oil Equipment

(24)

Beckett Oil Burner



For AF and AFG burner needs. Cleaner, quieter and more reliable. Comes equipped with new Beckett CleanCut pump, Beckett electronic igniter, Beckett 7184B interrupted-duty pre-purge control and Beckett PSC motor. Chassis only.
Order air tube and mounting flange below.

STOCK NO	EACH
BEB2007	706.86

(24)

Oil Control

Interrupted Ignition Pre-Purge

STOCK NO	EACH
BE7505B	110.42

(24)

Air Tube Combination

For Model AF
.75-1.25 GPH firing rate.

SIZE	STOCK NO	EACH
7"	BEAF72XN	86.01

(21)

Mounting Flange

STOCK NO	EACH
BE5432	19.18

(21)

Transformer

STOCK NO	EACH
BE2442	88.82

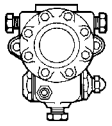
(21)

Burner Motor

STOCK NO	EACH
BE2456	129.44

(31)

Sundstrand Fuel Pumps



"A" Series -Single Stage

STOCK NO	EACH
A1YA7912	139.48

(31)

Koupling King II

Carded with hanger
Includes:

- Assembled with ½" motor shaft end cap on one side, and ½" fuel unit shaft on the other.
- For 5" over-all length coulper.
- Other end cap sizes include ⅝",7/16",⅜", & 5/16".

STOCK NO	EACH
KK120	7.38

(31)

Oil Burner Nozzles



Type B • Solid Cone Nozzle
Designed to produce a fine atomized uniform spray throughout the entire pattern. Atomization is not quite as fine as the Type H nozzle, it provides smoother ignition and is recommended for burners with a solid cone air pattern.

DEGREE	GPH	STOCK NO	EACH
45	0.85	595060	10.20
60	0.75	595031	10.20
60	0.85	595061	10.20
70	0.60	592270909	10.20
70	0.50	592270908	10.20
70	0.75	595032	10.20
70	1.20	592270906	10.20
70	1.35	592270907	10.20
80	0.75	595033	10.20
80	0.85	595063	10.20

(31)

Semi-Solid Nozzles



Type W

DEGREE	GPH	STOCK	EACH
60	.75	595036	10.20
60	.85	595066	10.20
80	1.00	PD595108	10.20

(31)

Hollow Nozzles



Type A
is a general purpose nozzle in the larger sizes and delivers a hollow cone spray pattern.

DEGREE	GPH	STOCK NO	EACH
60	0.75	595026	10.20
70	0.75	595027	10.20
70	0.85	595057	10.20
80	0.60	595041	10.20
80	0.75	595028	10.20
80	0.85	595058	10.20
80	0.90	595073	10.20
80	1.00	595098	10.20
80	1.10	595123	10.20

(31)

Accessories

DESCRIPTION	STOCK NO	EACH
Round mirror	STROMI	16.62
Rect. mirror w/handle	STREMI	16.62

Oil Equipment



(24)
"Sairset"
High temperature bonding Mortar, Air setting—Rated to 3000° F.

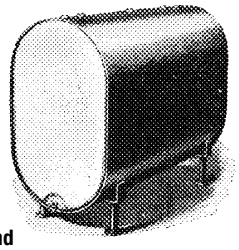
DESCRIPTION	STOCK NO	EACH
15-lb Pail	15LBSA	33.32

(24)
Castable Mix-and-Pour Refractory
For Direct Flame Contact up to 2700° F.

DESCRIPTION	STOCK NO	EACH
55 lb Bag	55KS4	68.11

(27)
1-Coat Fitting Cement
For Direct Flame Contact up to 1200° F.

DESCRIPTION	STOCK NO	EACH
One Coat	RAMCOTE	61.44



(27)
Oil Storage Tank Model 265
Basement or above ground
265 gallon capacity

SIZE	STOCK NO	EACH
27W x 44H x 60L	265OITA	1073.88

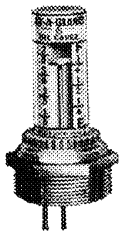


(24)
Fuel Filters

STOCK NO	EACH
1A25B	38.55

Replacement Filter Cartridges

1A30	3.49
2A710	6.83



(24)
"AT-A-GLANCE" Tank Gauge

DESCRIPTION	STOCK NO	EACH
27"	27ATAGL	38.75
42"	42ATAGL	38.75

(24)
Oil Tank Vent
Screened-Mushroom Type

SIZE	STOCK NO	EACH
¾"	34MUAIVE	12.15
1"	1MUAIVE	15.71
1¼"	114MUAIVE	17.82
1½"	112MUAIVE	21.77
2"	2MUAIVE	30.81



(24)
Lock Fill Caps
Vented yet safe from interference, with pad locking duck bill hasp. Overlapping cap keeps out moisture, dirt and water.
Round base

SIZE	STOCK NO	EACH
2"	2LOFICAP	27.63



(24)
Duplex Slip-thru Tank Bushing

SIZE	STOCK NO	EACH
2 x ⅜ x ⅜"	2X38TRTAB	32.15
2 x ½ x ½"	2X12TRTAB	33.53

(24)
Double Tapped Tank Bushings

SIZE	STOCK NO	EACH
2 x ¾"	2X34DOTAB	22.80
2 x 1"	2X1DOTAB	22.80
2 x 1½"	2X112DOTAB	22.80
4 x 1½"	4X112DOTAB	83.60
4 x 2"	4X2DOTAB	83.60
4 x 3"	4X3DOTAB	90.67

WEIL-McLAIN Boilers

weil-mclain.com

Ultra S4 Gas Boilers



- Cast aluminum coated heat exchanger
- Operates in low temperature condensing applications
- Outdoor reset and domestic hot water priority
- Modulates with 5:1 turn-down ratio
- High grade stainless steel burner features quiet operation
- U-Control gives you the power for easy set-up and maintenance:
  - Multiple set-up and zone options
  - System sensing recognizes system and outdoor temperatures
  - Temperature management for up to three different set-points
  - Control multiple boilers from a single control panel
  - Screen messages provide service alerts and maintenance reminders

BTUH	GAS CONNECTION SIZE	STOCK NO	EACH
299,000	¾"	*WMULTRA299S4*	*17100.92*
399,000	¾"	*WMULTRA399S4*	*21551.73*
Wall Mount Kit			
WM389900180			*143.29*
LP Conversion Kit			
WM383501020			*431.64*

Specifications

Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches) Width	Height	Depth	Pump Size Supply & Return Piping	Vent Diameter
WMULTRA299S4	92.5	299	235	270	22 13/16"	47¾"	19 15/16"	1¼"	4"
WMULTRA399S4	91.7	399	317	364	22 13/16"	47¾"	19 15/16"	1¼"	4"

ECO Tec Boilers & Combi Versions



Weil-McLain's premium residential gas boiler. Designed to be easy to install and service, with a long-lasting firetube heat exchanger and our next generation, easy to use, color touchscreen control. The ECO Tec is also available in a combi version, generating hot water output up to 5.4 GPM, making it the first premium residential combi from the biggest name in boilers.

BTUH	STOCK NO	EACH
Gas Boilers		
80,000	*WMECOTEC80HS2*	*7235.21*
110,000	*WMECOTEC110HS2*	*7589.01*
150,000	*WMECOTEC150HS2*	*8117.94*
199,000	*WMECOTEC199HS2*	*9352.70*
Combi Versions		
110,000	*WMECOTEC110CS2*	*8117.94*
150,000	*WMECOTEC150CS2*	*8645.10*
199,000	*WMECOTEC199CS2*	*9881.63*
Pedestal Base		
WM383700339		*279.50*
Water Temp Immersion Sensor		
WM383700371		*106.14*
Multi-Boiler Wiring Kit		
WM383700272		*139.75*

Specifications

Model Number	AFUE	Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches) Width	Height	Depth	Vent Diameter
WMECOTEC80HS2	84	80	64	74	20"	33"	19"	3"
WMECOTEC110HS2	84	110	87	100	20"	33"	19"	3"
WMECOTEC150HS2	84	150	121	139	20"	33"	19"	3"
WMECOTEC199HS2	84	199	160	184	20"	33"	19"	3"
WMECOTEC110CS2	84	110	87	100	20"	33"	19"	3"
WMECOTEC150CS2	84	150	121	139	20"	33"	19"	3"
WMECOTEC199CS2	84	199	160	184	20"	33"	19"	3"

Evergreen Pro Gas Boilers



- Stainless Steel Fire Tube Heat Exchanger with non-metallic base
- Floor Standing or Wall Mount Boiler (optional wall mount kit for 220-399 sizes)
- Available in 5 Sizes: 110, 155, 220, 299, 399 MBH
- Modulating Condensing Boiler
- 95% AFUE (110-299); 96.5% Combustion Efficiency (399)
- 4 Pump/Auxiliary Outputs (Example: 1 boiler loop pump +3 zone pumps)
- Up to 8 Multiple Boiler Control with lead/lag rotation
- Modbus® to BMS connectivity
- Each input can be assigned to a priority (Up to 3 Priorities)
- Multiple Inputs can be assigned one priority (Zone Based Control)
- All Lag Boiler Inputs and Output can be used
- 0-10 Volt Input (modulation or set point)
- Configurable Auxiliary Input/Output System
- Boiler Circulator Included (ECM version with 110-155)

BTUH	GAS CONNECTION SIZE	STOCK NO	EACH
299,000	¾"	*WMEVG299S1*	*19885.33*
399,000	¾"	*WMEVG399S1*	*24325.52*
LP Conversion Kits			
299,000 Models		*WM540202841*	*323.73*
399,000 Models		*WM540202842*	*323.73*
Wall Mount Kit			
WM383900074			*141.52*
Outdoor Temp Senor			
WM384000325			*461.71*

Specifications

Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches) Width	Height	Depth	Pump Size Supply & Return Piping	Vent Diameter
WMEVG299S1	95.0	299	243	280	23"	45"	16 5/16"	1½"	4"
WMEVG399S1	96.5	399	333	383	23"	45"	16 5/16"	1½"	4"

Simplicity Gas Combi Boilers



- Available in 110, 150, and 199 MBH
- 95% AFUE for reduced energy consumption and costs
- Suitable for combi or heat-only applications
- Stainless steel firetube heat exchanger ensures long-lasting performance
- Designed for easy setup and servicing
- Intuitive touchscreen display for easy navigation
- Connect via smartphone with Bluetooth®
- Ready for integration with heat pumps

BTUH	STOCK NO	EACH
110,000	*WMSMP110CS1*	*6241.03*
150,000	*WMSMP150CS1*	*6736.35*
199,000	*WMSMP199CS1*	*7801.29*

Specifications

Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches) Width	Height	Depth	Vent Diameter
WMSMP110CS1	95	110	87	100	20"	34"	16"	2" or 3"
WMSMP150CS1	95	150	121	139	20"	34"	16"	2" or 3"
WMSMP199CS1	95	199	160	184	20"	34"	20"	2" or 3"

ECO Tec & Simplicity LP Conversion Kits

BTUH	STOCK NO	EACH
80,000 & 110,000 Models	*WM510811415*	*175.13*
150,000 Models	*WM510811416*	*175.13*
199,000 Models	*WM510811417*	*175.13*

ECO Tec & Simplicity Easy-Up Manifold

STOCK NO	EACH
WM383700343	*688.14*

WEIL-McLAIN Boilers

weil-mclain.com



GV90+ Series Gas Boilers

- 91% AFUE efficient
- Durable cast iron primary heat exchanger
- Condensing stainless steel secondary heat exchanger
- Unique 7 pass heat exchanger design maximizes heat transfer
- Vents with PVC
- Multiple ventilation options (direct vent, direct exhaust, concentric)
- Easy conversion to propane (kit included)

BTUH	GAS CONNECTION SIZE	STOCK NO	EACH
70,000	*½"*	*WMGV903*	*5054.87*
105,000	*½"*	*WMGV904*	*5408.42*
140,000	*½"*	*WMGV905*	*6234.37*
175,000	*½"*	*WMGV906*	*7048.53*

Specifications

Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Pump Size Supply & Return Tappings	Vent Diameter
					Width	Height	Depth		
WMGV903	91.9	70	56	65	24⅝"	30¾"	30¾"	1"	3"
WMGV904	91.2	105	84	97	24⅝"	30¾"	30¾"	1"	3"
WMGV905	91.4	140	113	130	24⅝"	30¾"	37¾"	1"	3"
WMGV906	91	175	140	161	24⅝"	30¾"	37¾"	1"	3"

CGa Gas Boiler Series 3



- Natural draft, silent operation
- Compact design saves valuable living space
- Now with built-in low water cut off functionality
- Stainless steel burners for quieter ignition, longer life, and improved combustion
- Gas fired water boiler with cast iron sections
- Easily accessible controls, vertical flueways and top cleaning for easy and quick servicing
- 84% AFUE
- Boiler circulator is shipped loose.
- Circulator may be mounted on either boiler supply or return piping.

BTUH	GAS CONNECTION SIZE	STOCK NO	EACH
Natural Gas			
38,000	*½"*	*WMCGA25PIDN*	*2817.21*
67,000	*½"*	*WMCGA3PIDN*	*3143.39*
100,000	*½"*	*WMCGA4PIDN*	*3442.46*
133,000	*½"*	*WMCGA5PIDN*	*3871.63*
166,000	*½"*	*WMCGA6PIDN*	*4451.70*
200,000	*¾"*	*WMCGA7PIDN*	*4950.45*
233,000	*¾"*	*WMCGA8PIDN*	*5298.31*
Propane (LP)			
67,000	*½"*	*WMCGA3PIDL*	*3143.39*
100,000	*½"*	*WMCGA4PIDL*	*3442.46*
133,000	*½"*	*WMCGA5PIDL*	*3871.63*

Specifications

Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Pump Size Supply & Return Piping	Vent Diameter
					Width	Height	Depth		
WMCGA25PIDN	84	38	27	32	19"	28⅜"	23¼"	¾"	4"
WMCGA3PIDN	84	67	48	56	19"	28⅜"	23¼"	1"	4"
WMCGA4PIDN	84	100	73	85	22"	28⅜"	23¼"	1"	5"
WMCGA5PIDN	84	133	98	113	25"	28⅜"	23¼"	1"	6"
WMCGA6PIDN	84	166	122	141	28"	28⅜"	23¼"	1¼"	6"
WMCGA7PIDN	84	200	147	170	31"	28⅜"	23¼"	1¼"	7"
WMCGA8PIDN	84	233	172	198	34"	28⅜"	23¼"	1½"	7"
WMCGA3PIDL	84	67	48	56	19"	28⅜"	23¼"	1"	4"
WMCGA4PIDL	84	100	73	85	22"	28⅜"	23¼"	1"	5"
WMCGA5PIDL	84	133	98	113	25"	28⅜"	23¼"	1"	6"

CGi Gas Boiler Series 4



- Gas fired water boiler with cast iron sections
- Natural draft and direct exhaust capability
- Can be used with natural or propane gas
- Now with built-in low water cut off functionality
- Compact design saves valuable living space
- No vertical draft hood and no mechanical vent damper
- Intermittent electronic ignition with standard components for easy servicing
- 84% AFUE
- Boiler circulator is shipped loose.
- Circulator may be mounted on either boiler supply or return piping.

BTUH	GAS CONNECTION SIZE	STOCK NO	EACH
58,000	*½"*	*WMCGI3PIN*	*3496.67*
90,000	*½"*	*WMCGI4PIN*	*3832.78*
119,000	*½"*	*WMCGI5PIN*	*4306.23*
158,000	*½"*	*WMCGI6PIN*	*4856.48*
190,000	*¾"*	*WMCGI7PIN*	*5467.27*
222,000	*¾"*	*WMCGI8PIN*	*5976.86*

Specifications

Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Pump Size Supply & Return Piping	Vent Diameter
					Width	Height	Depth		
WMCGI3PIN	84	58	42	49	19"	28⅜"	23¼"	1"	4"
WMCGI4PIN	84	90	66	77	22"	28⅜"	23¼"	1"	5"
WMCGI5PIN	84	119	88	102	25"	28⅜"	23¼"	1"	5"
WMCGI6PIN	84	158	117	135	28"	28⅜"	23¼"	1¼"	5"
WMCGI7PIN	84	190	140	162	31"	28⅜"	23¼"	1¼"	6"
WMCGI8PIN	84	222	164	189	34"	28⅜"	23¼"	1½"	6"

LP kits & Accessories

LP Conversion Kits

FOR MODEL #	STOCK NO	EACH
CGi Gas Boiler Series 4		
WMCGI3PIN, WMCGI4PIN, WMCGI5PIN	*WMCGI35LPKIT*	*260.45*
WMCGI6PIN	*WMCGI6LPKIT*	*260.45*
WMCGI7PIN, WMCGI8PIN	*WMCGI78LPKIT*	*260.45*
CGa Gas Boiler Series 3		
WMCGA25 - WMCGA7	*WMCGA257LPKIT*	*452.21*
WMCGA8PIDN	*WMCGA8LPKIT*	*448.40*

7" Draft Hood

STOCK NO	EACH
CGa Gas Boiler Model WMCGA8PIDN	
WMCGA8DH	*191.76*

WEIL-McLAIN

Residential - Noble Series

Noble Series
Fire Tube Combi Boilers



Standard Features:
- SMART CONTROL™ Enhanced Operating System
- Outdoor Reset Control with outdoor air sensor
- 1" Water Connections & ½" Gas Connections
- Industry-Leading DHW Delivery Up to 4.8 GPM
- Vertical and horizonral direct-vent: PVC, CPVC, Polypropylene or
- Stainless Steel Venting up to 100 feet
- Low water flow safety control and indication
- Cascading Sequencer for up to 8 units

PUMP CONTROLS	STOCK NO	EACH
3 - Fire Tube Unit	*NKB080*	*2885.17*
3 - Fire Tube Unit	*NKB110*	*3028.26*
3 - Fire Tube Unit	*NKB150*	*3295.36*
2 - Combi Unit	*NKC199N*	*3908.47*

Combi parts available online

LP Kit for Nobel Series

CREATES MODEL #	STOCK NO	EACH
NKB 080 L	*100361273*	*76.68*
NKB / NKC / NCF 150 L	*100346280*	*92.88*
NKB / NKC / NCF 199 L	*100346292*	*92.88*
*NKB 080 L**	*100339889**	*314.28*

** LP kit for models prior to Serial Number 2230*

Model Number	BTU per hour Input	Output	AFUE%	Air Inlet	Vent Size
NKB080(N)	80,000	76,000	95.0	2"	2 or 3"
NKB110(N)	110,000	104,500	95.0	3"	3"
NKB150(N)	150,000	142,500	95.0	3"	3"

Model Number	Input (MBH) Min.	Max.	AFUE%	Heating Cap. MBH	Net MBH	Air Inlet	Vent Size
NKC199N	19.9	199	95.0	185	161	3"	3"

Noble Combi Series Accessories

STOCK NO	EACH
¾" Valve Kit for Noble Combi Series	
100112156	*150.12*
Pump & Gasket Assembly for Combi	
100275607	*167.40*
Domestic Brazed Plate for Combi	
100275501	*224.64*
Domestic Heat Exchanger Gasket	
100275593	*6.48*

Lochinvar Accessories

STOCK NO	EACH
Flow Switch	
WTR2040K	*149.04*
ModBus for KB 81-286	
KIT30070	*285.12*
ModBus for WH 55-399	
KIT30071	*299.16*
ModBus Field Kit	
KIT30154	*239.33*
BACnet Comm. Kit for FTXL	
100232602	*299.16*
BACnet Comm. Kit for KH/WH	
100269974	*299.16*
BACnet Comm. Kit for KBX XL	
100330256	*299.16*
Low Water Cut-Off w/Manual Reset	
WTR20009K	*200.88*
Modbus for Knight XL	
KIT30069	*239.33*
Lon Works Comm. Kit for Knight XL	
KIT30095	*1296.86*
Multi Temp Loop Control - Knight XL	
RLY30086	*501.12*
CON-X-US Mobile Connect Remote	
KIT30151	*508.90*
CON-X-US Wireless Outdoor Sensor	
TST20039K	*338.04*

Tuneup Kit Extension Mod.

STOCK NO	EACH
for AW/KBN 601-801, SBN/SBR	
MOD30001	*209.52*
for WH 55-399	
MOD30000	*81.00*

Residential - Knight Series

Knight Fire Tube Boiler



Standard Features:
- SMART SYSTEM Digital Controls
- Modulating Burner with 10:1 Turndown
- Outdoor Reset Control with outdoor air sensor
- ASME Stainless Steel Heat Exchanger
- PVC,CPVC, Polypropylene or Stainless Steel Venting up to 100 feet
- ECM Variable Speed Pump
- Cascade up to 8 Boilers

STOCK NO	EACH
Residential • LP Kit NOT Included	
KHB085	*4991.60*
KHB110	*5179.79*
KHB155	*6218.69*
KHB199	*7422.36*
KHB285	*10245.97*

Knight Series Specifications						
Model Number	Input MBH Min.	Max.	AFUE%	Heating Cap. MBH	Net MBH	Turndown Ratio
KHB085/WHB086	8.5	85	95	79	69	10:1
KHB110/WHB110	11.1	110	95	102	89	10:1
KHB155/WHB155	15.5	155	95	144	125	10:1
KHB199/WHB200	19.9	199.9	95	185	161	10:1
KHB285/WHB285	28.5	285	95	264	229	10:1
WHB399	80	400	94.4*	380	323	5:1

***Thermal Efficency %**

Knight Series
Wall Mount Fire Tube Boiler



Standard Features:
- SMART SYSTEM Digital Controls
- Outdoor Reset Control with outdoor air sensor
- Modulating Burner with up to 10:1 Turndown
- ASME Stainless Steel Heat Exchanger
- PVC,CPVC, Polypropylene or Stainless Steel Venting up to 100 feet
- ECM Variable Speed Pump
- Cascade up to 8 Boilers

STOCK NO	EACH
Residential • LP Kit NOTIncluded	
WHB085	*4991.60*
WHB110	*5179.79*
WHB155	*6218.69*
WHB199	*7422.36*
WHB285	*10245.97*
WHB399	*13497.97*



LP Conversion Kits for Knight Series

FOR MODEL #	STOCK NO	EACH
KHB055, KHN055, WHN056, WHB055	*100268040*	*73.44*
KHB085, KHN085, WHN086, WHB085	*100268104*	*73.44*
KHB110, KHN110, WHN111, WHB110	*100285815*	*82.08*
KHB155, KHN155, WHN156, WHB155	*100285817*	*82.08*
KHB199, KHN199, WHN200, WHB199	*100285818*	*109.08*
KHB285, KHN285, WHN286, WHB285	*100268109*	*112.32*
WHB399	*100350354*	*126.36*

See page 801 or 807 for Vent and Accessories

Commercial Boilers (22)

Lochinvar Boilers
lochinvar.com

Knight XL Series Heating Boiler



Standard Features:
- 97% Thermal Efficiency
- 7" Touch Screen with Built-in ConXus
- Modulating Burner with 10:1 Turndown
- Stainless Steel Water Tube Heat Exchanger
- Vertical and Horizontal Direct Vent, Direct Vent up to 150 feet
- Smart System Control

STOCK NO	EACH
XL Commercial	
KBX0400N	*15537.62*
All Models Below Includes CSD-1	
KBX0500N	*20347.98*
KBX0650N	*25428.91*
KBX0800N	*31422.99*
KBX1000N	*35163.66*

Stock Number	Max Input Btu/Hr	Min Input Btu/Hr	Gross Output MBH	Net AHRI Rating MBH	Gas Conn.	Water Conn.	Air Inlet	Vent Size	Jacket Dimensions HxWxD
KBX0400N	399,000	39,900	387	337	1"	2"	4"	4"	45" x 24" x 33½"
KBX0500N	500,000	50,000	485	422	1"	2"	4"	4"	45" x 24" x 33½"
KBX0650N	650,000	65,000	631	549	1¼"	2"	4"	6"	45" x 24" x 42½"
KBX0800N	800,000	80,000	776	675	1¼"	2"	4"	6"	45" x 24" x 42½"
KBX1000N	999,000	99,900	969	843	1¼"	2½"	6"	6"	45" x 24" x 50"

FTXL Series Fire Tube Boiler



Standard Features:
- Up to 98% Thermal Efficiency
- SMART SYSTEM Digital Controls
- Loch-N-Link™ USB thumb drive port for easy programming
- Four-Pump Control
- CON•X•US Remote Connect provides the ability to monitor and manage multiple boilers from a downloadable application
- Vert. or Horiz. Direct Vent up to 100 feet PVC, CPVC, Polypropylene or AL29-4C
- Cascading Sequencer with built-in redundancy

STOCK NO	EACH
Commercial	
FTX400N	*15681.58*
All Models Below Includes CSD-1	
FTX500N	*20534.43*
FTX600N	*24794.12*
FTX725N	*28557.76*
FTX850N	*32662.22*

Stock Number	Output MBH	Vent Size	Net AHRI Rating MBH	Thermal Eff.	Gas Conn.	Outlet Water Conn.	Jacket Dimensions HxWxD
FTX400N	392	4"	341	98.0	1"	2"	53½" x 26¼" x 30½"
FTX500N	489	4"	425	97.7	1"	2"	53½" x 26¼" x 30½"
FTX600N	585	4"	509	97.5	1"	2"	53½" x 26¼" x 30½"
FTX725N	705	6"	613	97.2	1"	2½"	53½" x 26¼" x 33"
FTX850N	825	6"	717	97.0	1"	2½"	53½" x 26¼" x 33"

See page 801 or 807 for Vent and Accessories

Laars Boilers (22)
laars.com

NeoTherm XTR Hydronic Boilers



Features:
- Stainless steel, low pressure drop heat exchanger
- Responsive dual-venturi combustion system
- 96% Thermal Efficiency
- 10:1 turndown
- Efficient
- Low NOx emissions
- 10 year limited warranty

SIZE	STOCK NO	EACH
Natural Gas Hydronic Boilers		
399 MBH	*NT2H0399*	*12569.94*
All Models Below Includes CSD-1		
500 MBH	*NT2H0500*	*16130.22*
650 MBH	*NT2H0650*	*18115.20*
800 MBH	*NT2H0800*	*20660.80*
999 MBH	*NT2H0999*	*30665.60*

Size	Thermal Efficiency	Input BTU/hr	Output BTU/hr	Connection Water	Size (NPT) Gas	WxHxD
399	96.7	399,000	386,000	2"	1"	27"x 52¾"x 47¼"
500	96.6	500,000	483,000	2"	1"	27"x 52¾"x 47¼"
650	96.5	650,000	627,000	2"	1¼"	27"x 52¾"x 54¼"
800	96.4	800,000	771,000	2"	1¼"	27"x 52¾"x 54¼"
999	96.3	999,000	962,000	2½"	1½"	27"x 52¾"x 57¾"

IBC Boilers (22)
ibcboiler.com



SL Series Condensing Boiler

Standard Features:
- New Touch Screen V-10 Boiler Control & V-10 Portal Mobile Control: Express set up, Remote monitoring & diagnostics, Easy USB programmability, Optional true native BACnet, Intuitive alert system.
- PVC/CPVC/PPs approved.
- Built-in CSA/UL approved LWCO and manual reset high limit.
- Built-in multiple zone pump control - up to 4 zones replacing the need for external pump controls.
- Built-in outdoor reset control of water temperature.
- MFZ Technology: Patented moisture management system. Protects/ensures long life for all components in the boiler.
- Reverse flow detection.
- Unmatched safety features.
- Easier to install and service.
- Limited Lifetime Warranty

BTU/H	A.F.U.E.	STOCK NO	EACH
Light Commercial models LP ONLY			
26,000 to 260,000	*95%*	*SL26260G3LP*	*7322.04*
40,000 to 399,000	*96%*	*SL40399G3LP*	*11813.22*
Light Commercial Natural Gas • LP Kit Included on 115 - 199 models ONLY			
14,000 to 115,000	*95%*	*SL14115G3*	*4553.50*
20,000 to 160,000	*95%*	*SL20160G3*	*5668.11*
32,000 to 199,000	*95%*	*SL30199G3*	*6817.07*
26,000 to 260,000	*95%*	*SL26260G3**	*7322.04*
40,000 to 399,000	*96%*	*SL40399G3**	*11813.22*

***LP Kit NOT Included**

Stock Number	Vent Size Sch. 40	Vent Length	Combustion Air Sch. 40	Gas Inlet	Water inlet	Water outlet	Jacket Dimensions HxWxD
SL14115G3	2 or 3"	100 or 240'	3"	½"	1"	1"	32" x 20" x 13.1"
SL20160G3	2 or 3"	35 or 170'	3"	½"	1"	1"	32" x 21.8" x 14.8"
SL30199G3	3"	150'	3"	½"	1"	1"	32" x 22.5" x 16.3"
SL26260G3	3"	200'	3"	¾"	1½"	1½"	35.6" x 25" x 17.6"
SL40399G3	4"	200'	4"	¾"	1½"	1½"	39.9" x 27" x 19.5"



VX Series Condensing Boiler

Standard Features:

- Express set up, Remote monitoring & diagnostics, Easy USB programmability, Intuitive alert system.
- Fully automated, ASME, 439 grade, SS firetube heat exchanger
- Cascade up to 4 units
- PVC/CPVC/PPs approved, vent lengths up to 480 ft
- Built-in CSA/UL approved LWCO and manual reset high limit.
- 6.5 turndown ratio.
- Built-in 4 zone pump or valve control.
- Built-in outdoor reset control of water temperature.
- MFZ Technology: Patented moisture management system.
- All models feature common parts.
- Unmatched safety features.
- 5 Year limited manufacturer's parts warranty.
- Limited 15 year residential heat exchanger warranty.

BTU/H	A.F.U.E.	STOCK NO	EACH
High-Efficiency Residential • LP Kit Included			
16,900 to 110,000	*95%*	*VX110*	*3424.51*
23,000 to 150,000	*95%*	*VX150*	*3704.16*
30,600 to 199,000	*95%*	*VX199*	*3939.07*

Stock Number	Vent Size Sch. 40	Vent Length	Combustion Air Sch. 40	Gas Inlet	Return Water Outlet	Supply Water outlet	Jacket Dimensions HxWxD
VX110	2 or 3"	100 or 240'	3"	½"	1"	1"	28.13" x 17.75" x 16.88"
VX150	2 or 3"	50 or 170'	3"	½"	1"	1"	28.19" x 18.81" x 18.63"
VX199	3"	150'	3"	½"	1"	1"	28.19" x 20.44" x 19.63"

EZ Pipe Manifold

Primary/Secondary piping manifold comes "Installation Ready" and ensures proper flow through the boiler for maximum system performance without call-backs.



STOCK NO	EACH
Part# 251-063B - SFC Superflow 125 For use with SFB99, SFC125 & HC Series	
251063	*355.56*
Part# 251-064B - SFC Superflow 199 For use with SFC199	
251064	*387.52*

SFB Series Superflow Boiler

Standard Features:

- New illuminated touchscreen display panel
- 3 year track record
- Will accept a 0-10 VDC signal
- Compatible with standard Propylene Glycol
- Up to 96% AFUE with full ASME-rated heat exchanger
- Packaged with a high efficiency variable speed pump (ECM)
- Outdoor reset technology increases efficiency by lowering the water temperature automatically
- Advanced modulating temperature control
- 15-Year Heat Exchanger, 5-Year Parts Warranty



CSA OUTPUT - MBH	A.F.U.E.	STOCK NO	EACH
Residential • LP Kit Included			
14.8 - 89	*96%*	*SFB99*	*2863.62*
13 - 108	*95%*	*SFB120*	*3124.89*

Stock Number	Exhaust Size Sch. 40	Combustion Air Sch. 40	Heating Water Inlet/outlet	Gas Inlet	Condensate outlet	Jacket Dimensions HxWxD
SFB99	2"	2"	1"	¾"	¾"	32.5"x17.7"x10.9"
SFB120	2"	2"	1"	¾"	¾"	32.5"x17.7"x10.9"

HC Series Condensing Boiler



Standard Features:

- Unique and innovative single pass Copper/Aluminum heat exchanger, ensuring greater efficiency and eliminating water side corrosion.
- Full ASME-rated vessel.
- Built-in boiler pump.
- PVC/CPVC/PPs approved.
- 2" & 3" venting options available.
- Contractor friendly, easy to install, maintain and service.
- Fewer parts ensuring greater reliability.
- Outdoor reset technology increases efficiency by lowering the water temp automatically.
- Reset heating - Set point - DHW.
- Includes Air Vent, Outdoor Sensor & Relief Valve.
- 10-Year Limited Warranty

BTU/H	A.F.U.E.	STOCK NO	EACH
Residential • LP Kit NOT Included			
15,000 to 95,000	*95%*	*HC1595*	*2863.62*
33,000 to 160,000	*94%*	*HC33160*	*3239.15*

Stock Number	Exhaust Size Sch. 40	Combustion Air Sch. 40	Heating Water Inlet/outlet	Gas Inlet	Condensate outlet	Jacket Dimensions HxWxD
HC1595	3"	3"	1"	½"	¾"	29.0"x19.8"x11.1"
HC33160	3"	3"	1"	½"	¾"	31.3"x19.8"x11.1"

LP Kits for HC/DC Series

Converts Natural Gas to LP

FOR MODEL #	STOCK NO	EACH
HC1595	*P747*	*29.91*
HC29106	*P700*	*39.97*
HC20125	*P737*	*29.91*
HC33160 & DC33160	*P702*	*29.90*

SFC Series Dual Fired Combi Boiler



Standard Features:

- Two independent copper coils embedded in a cast aluminium heat exchanger.
- New illuminated touchscreen control panel
- Compatible with standard Propylene Glycol
- Built-in bypass valve
- No need for a 3-way valve or secondary DHW plate heat exchanger
- Will accept a 0-10 VDC signal
- 95% AFUE with full ASME-rated heat exchanger
- High-efficiency variable speed pump (ECM)
- Outdoor reset technology increases efficiency by lowering the water temperature automatically
- Advanced modulating temperature control

BTU/H INPUT	BTU/H OUTPUT	A.F.U.E.	STOCK NO	EACH
Residential • LP Kit Included				
16,500 to 99,000	*15,800 to 88,900*	*95%*	*SFC125*	*3148.06*
28,300 to 125,000	*27,100 to 111,000*	*95%*	*SFC199*	*3407.74*

Stock Number	Exhaust outlet Sch. 40	Combustion Air Sch. 40	Cold/Hot Water Connection	Heating Water Inlet/outlet	Gas Inlet	Condensate outlet	Jacket Dimensions HxWxD
SFC125	3"	3"	½" MNPT	¾"	½"	¾" Hose	32.5"x17.7"x11.2"
SFC199	3"	3"	¾" MNPT	¾"	¾"	¾" Hose	32.5"x17.7"x11.2"

SFC Series Parts Kit

FOR MODEL #	STOCK NO	EACH
SFC125 & SFC199	*P911*	*2636.70*

Boiler Trim Kit



- (1) Caleffi DISCAL® air separator
- (1) Backflow preventer: ½" NPT, sweat or press union
- (1) AutoFill™
- (1) Expansion tank check valve
- (2) Brass nipples: 3"
- (1) NPT brass tee
- (1) Expansion tank

STOCK NO	EACH
CANA553366	*480.04*

IBC Boilers (22)

ibcboiler.com



CX Series High Efficiency Combi Condensing Boiler

Standard Features:

- Touchscreen Boiler Control: Express Setup
  Remote Monitoring & Diagnostics
  Easy USB Programmability • Intuitive Alert System
  Simplified Load Combining • Visible Flame Current
- ASME, 439 grade, SS firetube HX
- Brazed plate HX for DHW production
- Cascade up to 4 units
- Full boiler capacity available for both DHW and space heating
- 10:1 turndown ratio
- PVC/CPVC/PPs approved, vent lengths up to 50 ft. (2") and 170 ft. (3")
- Built-in combi block for supply of DHW and service from front of unit
- Built-in 4 zone pump or valve control
  - In addition to the primary control – 5 pumps total
  - Replaces the need for external zone control
- Built-in factory wired primary pump
- Built-in CSA/UL approved LWCO and manual reset high limit
- Includes outdoor reset control of water temperature
- MFZ Technology: Patented moisture management protocol.
  Protects and ensures long life for all components in the boiler.

BTU/H	A.F.U.E.	STOCK NO	EACH
High-Efficiency Residential Natural Gas			
15,000 to 150,000	*95%*	*CX150*	*3788.86*
20,000 to 199,000	*95%*	*CX199*	*4024.56*
High-Efficiency Residential LP			
15,000 to 150,000	*95%*	*CX150L*	*3788.86*
20,000 to 199,000	*95%*	*CX199L*	*4024.56*

Stock Number	Vent Size Sch. 40	Vent Length	Combustion Air Sch. 40	Gas Inlet	Return Water Outlet	Supply Water outlet	Jacket Dimensions HxWxD
CX150 (L)	2"	50'	3"	1/2"	1"	1"	36 7/8" x 18 9/16" x 17 1/16"
CX199 (L)	2 or 3"	170 or 100'	3"	1/2"	1"	1"	36 7/8" x 20" x 17 1/8"

LP Kits for CX Series

Converts Natural Gas to LP

FOR MODEL #	STOCK NO	EACH
CX150	*P1600*	*139.83*
CX199	*P1602*	*219.73*



EX Series High Efficiency Commercial Fire Tube Boiler

Standard Features:

- Touchscreen control with remote monitoring & diagnostics
- Turndown ratio of 10:1
- With 24 networked boilers turndown ratio is 240:1
- Full BACnet capability included
- Primary pump and zone pump controller – up to 4 zones
- MFZ Moisture management protocol
- Reverse flow detection
- Outdoor reset control of water temperature
- CSA/UL approved low water cut-off and manual reset high limit
- CSD-1 Compliant
- High grade 439 stainless steel construction
- Innovative saddle-bolt lit hardware
- Condensed flue gasses clean vertical flue tubes while draining
- Custom water flow baffling to ensure even heat transfer and long life
- Available in either NG or LP factory set or field convertible

BTU/H	A.F.U.E.	STOCK NO	EACH
High-Efficiency Commercial Natural Gas			
50,000 to 500,000	*97%*	*EX50500*	*14697.61*
70,000 to 700,000	*97%*	*EX70700*	*20715.67*
85,000 to 850,000	*97%*	*EX85850*	*25675.17*

Stock Number	Vent Size Sch. 40	Vent Length	Combustion Air Sch. 40	Gas Inlet	Water Outlet	Water Inlet	Jacket Dimensions HxWxD
EX50500	4"	170' (Each Side)	4"	1"	2"	2"	59 1/16" x 28" x 30 7/16"
EX70700	6"	120' (Each Side)	4"	1"	2 1/2"	2 1/2"	59 1/16" x 28" x 33 1/4"
EX85850	6"	120' (Each Side)	4"	1"	2 1/2"	2 1/2"	59 1/16" x 28" x 33 1/4"

Bosch Boilers (22)

bosch-climate.us



Greenstar Wall Mounted Combination Space Heating & Domestic Hot Water

- Venting length up to 100' each way with 3" PVC pipe, up to 8 elbows
- Venting combined length up to 81' with 2" PVC (except for model ZBR423)
- Ultra quiet operation
- 5:1 Turndown Ratio

Standard Equipment:

- Integrated Grundfos 3-Speed Pump
- DHW Sensor for Sidearm Tank
- Manifold Bracket
- CRC200 & Heat-Tronic Controls
- Twin Flue Pipe Adapters
- Lifetime Heat Exchanger Warranty - 5 Years Parts & Labor

INPUT MBH	STOCK NO.	EACH
89,400	*ZWB283*	*3930.24*
151,600	*ZWB423*	*4372.80*

ZWB Series SPECIFICATIONS (Space Heating Modules)

Combi Boiler Number	Input BTU/hr	DOE Heating Capacity BTU/hr	Net I=B=R Rating BTU/hr	AFUE Eff. %	DHW Max. Flow @ 72°F	Dimensions WxHxD	Tapping Conn.	S&R Gas Conn.	Vent Size
ZWB283	100,800	89,400	79,000	95	2.6 gpm	17.4x33.5x13.9	1"	3/4"	2-3"
ZWB423	151,600	134,400	117,000	95	4 gpm	17.4x33.5x13.9	1"	3/4"	2-3"

Greenstar Condensing Gas Boilers

- This space heating boiler can be operated on NG or LP (kit included).
- Venting length up to 100' each way with 3" PVC pipe, up to 8 elbows
- Venting combined length up yo 81' with 2" PVC (except for model 151/ZBR423)
- Ultra quiet operation
- 5:1 Turndown Ratio

Standard Equipment:

- Integrated Grundfos 3-Speed Pump
- DHW Sensor for Sidearm Tank
- Manifold Bracket
- Heat-Tronic III Controls
- Twin Flue Pipe Adapters
- CRC200 Programmable Controller Wall Mounted
- Lifetime Heat Exchanger Warranty - 5 Years Parts & Labor





Greenstar Gas Boiler

WALL MOUNT

CRC200 Programmable Controller
Heatronic III Control

INPUT MBH	STOCK NO.	EACH
79,200	*ZBR213*	*3312.00*
100,800	*ZBR283*	*3416.64*
151,600	*ZBR423*	*4415.52*

Greenstar Gas Boiler

FLOOR MOUNT

Heatronic III Control

INPUT MBH	STOCK NO.	EACH
79,200	*KBR213*	*3520.32*
100,800	*KBR283*	*3627.36*
151,600	*KBR423*	*4825.92*

FW200 Weather Control Sold Separately

ZBR/KBR Series SPECIFICATIONS (Space Heating Modules)

Boiler Number	Input BTU/hr	DOE Heating Capacity BTU/hr	Net I=B=R Rating BTU/hr	AFUE Eff. %	Dimensions WxHxD	S&R Tapping Conn.	Gas Conn.	Vent Size
Z/KBR163	57,200	50,800	45,000	95	17.4 x 33.5 x 13.9	1"	3/4"	2-3"
Z/KBR213	79,200	71,000	62,000	95	17.4 x 33.5 x 13.9	1"	3/4"	2-3"
Z/KBR283	100,800	89,400	79,000	95	17.4 x 33.5 x 13.9	1"	3/4"	2-3"
Z/KBR423	151,600	134,400	117,000	95	17.4 x 33.5 x 13.9	1"	3/4"	2-3"

Accessories (21)

Comfort Control Manager

CZM100 • For 3-Zone Relay

For Pump or Zone Valves

STOCK NO	EACH
7738110112	*531.46*

Thermostats

STOCK NO	EACH
CRC100 Comfort Controller	
7738110090	*107.54*
CRC200 Programmable Controller	
7738111034	*204.67*

Wall Mounted Residential Condensing Gas Boilers



Standard Equipment:
- TDR up to 15:1
- Dual Stainless Steel Heat Exchanger
- SCH 40 2" PVC Venting up to 60'
- SCH 40 3" PVC Venting up to 150'
- Field Convertible Gas System

Residential Warranty:
- 15 Year Limited Heat Exchanger Warranty
- 5 Year Limited Parts Warranty
- 1 Year Limited Labor Warranty

STOCK NO	TDR	EACH
NHB55H	7:1	2037.75
NHB80H	10:1	2227.50
NHB110H	11:1	2417.25
NHB150H	15:1	2607.00
NFB200H	15:1	3019.50

Boiler Number	Input BTU/hr Min.	Input BTU/hr Max.	Heating Capacity MBH	AFUE Eff. %	Net AHRI Rating, Water[3] MBH	Gas Conn.	Vent Size
NHB55H	8,000	55,000	51,000	95	44,000	3/4"	2-3"
NHB80H	8,000	80,000	74,000	95	64,000	3/4"	2-3"
NHB110H	10,000	110,000	102,000	95	89,000	3/4"	2-3"
NHB150H	10,000	150,000	138,000	95	120,000	3/4"	2-3"
NFB200H	13,300	199,900	182,000	95	158,000	1/2"	2-3"

NaviLink™ Wi-Fi Control



Allows adjusting water temperatures, access usage data, and receive diagnostic notifications all from using an app from their smartphone or tablet

STOCK NO	EACH
PBCMAS001	222.75

(18)
Universal temperature sensor



Works with NFC, NFC-H, NHB, NFB, NFB-H and NFB-C Series. 1 year warranty.

STOCK NO	EACH
GXXX001769	19.80

Backflow Damper Kit

Required for venting up to 8 units

STOCK NO	EACH
30014367B	56.10

NFB-C High Efficiency Condensing Heating Boiler



Features:
- 97.5% TE Industry Leading Thermal Efficiency
- Patented stainless steel fire tube heat exchanger
- 160 PSI maximum operating pressure
- Advanced controls with intuitive 7" color display
- Up to 15:1 TDR (turndown ratio)
- BAS communication capability
- Common vent up to 4 and cascade up to 16 units
- Top & bottom piping
- 10-year Limited heat exchanger, (12) residential.
- 3-year parts warranty, (5) residential.

GAS	STOCK NO	EACH
Natural Gas	NFB399C	9075.00

Model #	BTU Input Natural Gas Minimum	BTU Input Natural Gas Maximum	DHW Capacity	Supply Temp. Range	AFUE %
NFB-399C	26,000	399,000	389,900	77 - 194°F	97.5

NFB-C Common Vent Collar Kit



For use when cascading Navien NFB-C Series

STOCK NO	EACH
30022799A	69.30

NFC Condensing Fire Tube Combination Boiler



Features:
- Patented Compact Stainless Steel Fire Tube Heat Exchanger
- Advanced Controls with Intuitive User Interface
- 95% AFUE - Energy Star certified
- NFC175 TDR up to 11:1
  NFC250 DHW 15:1 TDR and heating 13:1 TDR
- DHW Module with Mixing and Water Adjustment Valves
- Multiple Venting Options Up to 150'
- Common Venting Up to 8 Units (7 NPE for NFC250) and Cascading Up to 16 Units (15 NPE for NFC250)
- 10-year Limited heat exchanger
- 5-year Limited parts warranty

GAS	WATER PRESSURE	WATER CONNECTION	STOCK NO	EACH
Natural Gas/LP	6 - 80 psi	1" NPT	NFC250	3489.75

Model #	BTU Input Ratings Minimum	BTU Input Ratings Maximum	DHW Capacity	Flow Rate 45°F Rise	AFUE %
NFC-250/175H	13,300	175,000	210,000	8.4 GPM	95.0

Condensing NCB Series Combination Boiler



Features:
- Smart controls LCD display, quick dial wheel & Setup Wizard
- Advanced stainless steel dual heat exchangers
- 15:1 DHW and up to 11:1 heating TDR
- Field convertible gas system (NG/LP) up to 10,100 ft.
- Capable of cascading up to 15 NPE water heaters
- Capable of common venting up to 7 NPE water heaters
- Built-in 3 zone pumps and 3 zone valves powered connections
- 2" venting up to 65' and 3" venting up to 150'

GAS	STOCK NO	EACH
Natural Gas or LP	NCB190080H	2796.75
Natural Gas or LP	NCB240H	2970.00
Natural Gas or LP	NCB250H	3316.50

Model #	BTU Input Natural Gas Minimum	BTU Input Natural Gas Maximum	DHW Connection	Flow Rate 45°F Rise	AFUE %
NCB-190/080H	11,000	80,000	3/4" NPT	6.4 GPM	95.0
NCB-240/110H	13,300	199,900	3/4" NPT	7.9 GPM	95.0
NCB-250/150H	14,000	210,000	3/4" NPT	8.4 GPM	95.0

Accessories

Quick Install Manifolds

Plumb-Easy valve kit for NCB-H & NFC-H on page 501

STOCK NO	EACH
Primary Stainless Steel Manifold for use with Navien NCB-H & NFC-H Series	
30026576A	476.85
For use with Navien NFB Series	
GFFMMSOZUS002	582.45
For use with Navien NHB-H Series	
GXXX002396	587.40

(18)
1" Easy Isolation Valve

LESS Relief Valve

STOCK NO	EACH
30010950A	156.75

(18)
Outdoor Reset Sensor



With BH2101280B Wire
For use with NCB Series

STOCK NO	EACH
30012950A	51.15

Buderus Boilers (22)
www.buderus.com/en/

Series GC-144
Cast Iron Residential Gas Boiler



- Stainless Steel Corrosion Resistant Premix Burners.
- Flexible GL-180M cast iron.
- Electronic Ignition available.
- Boilers set for natural gas - sea level
- AGA/CGA certified.

Standard Equipment:
- Stainless steel premixed burners.
- Tridicator gauge.
- Honeywell aquastat.

STOCK NO	EACH
GC14418II	*3294.40*

Boiler Number	Input BTU/hr	DOE Heating Capacity BTU/hr	Net I=B=R Rating BTU/hr	AFUE Eff. %	FLUE Vent/B
GC14418II	74,000	61,400	53,000	85	5"/8"

Beckett Burner for Buderus Oil Boilers
With Pump

FOR BURNER	STOCK NO	EACH
G115WS4	*11115WS4KP*	*1472.74*

The following items are required by state code on boilers over 400 MBH input.
(Please check with local inspector)

DESCRIPTION	STOCK NO	EACH
Probe type manual reset low water cut-off	*550SV*	*245.39*
Manual reset high limit	*SF410671*	*240.50*

IBC Interstor (22)
ibcboiler.com

BTI 40 & BTI 55
Indirect Water Heaters



Features:
- High performance domestic hot water.
- Stainless steel construction, pickled & passivated.
- High capacity smooth wall stainless steel coil.
- Maintenance free design.
- Light weight for easy installation.
- 2" of polystyrene foam insulation.
- Removable inspection port.
- Standard Aquastat & 10KΩ temperature sensor.

10 Year non-prorated residential warranty with limited lifetme option

STOCK NO	EACH
Residential	
BTI40	*1486.14*
BTI55	*1773.78*

Model	US Gallon	Floor to Heater Top (inches)	Jacket Diameter (inches)	Domestic Water In/Out (inches)	Boiler Water In/Out (inches)	Max First Hour Rating @ 135° F	Boiler Output BTU/HR
BTI 40	39.9	47"	21.4"	¾" NPT	1" NPT	188	100,000
BTI 55	56.5	62.8"	21.4"	¾" NPT	1" NPT	200	100,000

INTERSTOR - 80 MAX
Indirect Water Heater

NEW ITEM



Features:
- Made of durable high quality AISI 444 Stainless Steel, coil made of 316L stainless steel, which provides added durability and corrosion resistance
- 100% pickled & passivated for the highest possible resistance to corrosion.
- 3" thick polyurethane foam insulation, reducing standby tank temperature losses
- Includes 10K DHW tank sensor
- Maintenance free design.
- Durable steel jacket

10 Year non-prorated residential warranty with limited lifetme option

STOCK NO	EACH
Commercial	
IWT80MAX	*3501.22*

Model	US Gallon	Height (inches)	Diameter (inches)	Domestic Water In/Out (inches)	Boiler Water In/Out (inches)	Max First Hour Rating @ 135° F	Boiler Output BTU/HR
IWT 80-MAX	75	64½"	24½"	1" NPT	1" NPT	719	420,000

IWT 119 MAX
Indirect Water Heater



Features:
- High performance domestic hot water.
- Stainless steel construction, pickled & passivated.
- High capacity smooth wall stainless steel coil.
- Maintenance free design.
- Light weight for easy installation.
- 2" of polystyrene foam insulation.
- Removable inspection port.
- Standard Aquastat & 10KΩ temperature sensor.

10 Year non-prorated residential warranty with limited lifetme option

STOCK NO	EACH
Commercial	
IWT119MAX	*4376.12*

Model	US Gallon	Floor to Heater Top (inches)	Jacket Diameter (inches)	Domestic Water In/Out (inches)	Boiler Water In/Out (inches)	Max First Hour Rating @ 135° F	Boiler Output BTU/HR
IWT 119 MAX	119	65.7"	28"	1½" NPT	1½" NPT	753	420,000

FT Series Floor Boiler



Features:
- Built-in Low Loss Header
- 10:1 Turndown
- Simultaneously Heat Space & Domestic Water
- Ultra High Efficiency 95% AFUE
- Industry Leading Domestic Hot Water Delivery
- Multiple Venting Options
- All Piping Connections Located on Top
- Contractor & Installation Friendly
- Limited 10 year heat exchanger / 5 year parts Warranty

STOCK NO	EACH
120v • LP Conversion Kit included	
Combi Boiler	
LFTCF199	*4563.56*
Heat Only Boiler	
LFTHF199	*4206.41*

Model	Max Input BTU/hr	Heating "CH" Supply/Return	DHW Inlet/Outlet	Gas Inlet	Thermal Eff. %	Turndown Ratio	HxWxD
LFTCF199	199,000	1½" NPT	¾" NPT	¾" NPT	95%	10:1	38.25"x17.9"x19.6"
LFTHF199	199,000	1½" NPT	-	¾" NPT	95%	10:1	38.25"x17.9"x19.6"

Mascot FT Gas-Fired Boilers



Features:
- Up to 10:1 Modulation
- Natural or propane gas
- Direct vent up to 100'
- Low NOx Emissions
- Integrated DHW Indirect Tank
- Superior DHW Performance on Combi Models

Includes internal pump on all models


Combi Boiler

SIZE	STOCK NO	EACH
Natural Gas Hydronic Boilers • 95% AFUE Efficiency		
100	*MFTHW100*	*2707.63*
140	*MFTHW140*	*2917.22*
199	*MFTHW199*	*3124.37*
Natural Gas Hydronic Combination Water Heater & Boiler		
199	*MFTCW199*	*3693.80*

Size	Air & Vent 2 Pipe	Input BTU/hr kW	Output BTU/hr kW	AFUE % Nat. Gas	WxHxD
80	3"	80,000	74,400	95	17.3" x 29" x 14.9"
100	3"	100,000	93,000	95	17.3" x 29" x 14.9"
120	3"	120,000	111,600	95	17.3" x 29" x 14.9"
140	3"	140,000	130,200	95	17.3" x 29" x 14.9"
199	3"	199,000	189,050	95	16.2" x 32" x 16.2"
199	3"	199,000	189,050	95	19.6" x 32" x 16.3"

LFTHW FT Series Gas-Fired Boilers



Features:
- Full Modulation 10:1 Turndown
- Natural or propane gas
- Direct vent up to 150'
- Low NOx Emissions
- Cascade up to 4 units

SIZE	STOCK NO	EACH
Natural Gas Hydronic Boilers • 95.4% Thermal Efficiency		
399	*LFTHW399NX*	*9623.85*
Floor Stand		
CA021920		*675.00*

Size	Air & Vent 2 Pipe	Input BTU/hr kW	Output BTU/hr kW	Thermal Efficiency	WxHxD
399	3"	399,000	379,000	95.4	25.4" x 32.7" x 20.7"

Mascot FT Manifold Kits

The manifold return and supply connections will mate directly to the supply and return connections on the bottom of the boiler. Anti-seize/thread sealant is recommended on the connections. Be sure to use the supplied gaskets in the return and supply unions.

USE WITH	SYSTEM CONNECTION	INDIRECT WATER HEATER CONNECTION	STOCK NO	EACH
Combination Heat/Hot Water Models	*1½"*	*N/A*	*P2134400*	*372.40*
Heat Only Models 80-140	*1¼"*	*1"*	*P2135900*	*524.88*
Heat Only Model 199	*1½"*	*1¼"*	*P2135800*	*558.29*

Mini-Therm JX Gas-Fired Boiler



Features:
- Integral low water cut off, manual or automatic reset mode
- Digital temperature display
- Contacts to control three pumps
- Economy modes auto adjusts water temperatures to reduce fuel use
- Outdoor reset capability
- Spark to pilot ignition
- Low voltage terminal block for ease of installation and wiring
- Domestic hot water priority for indirect water heater installations
- Powered relay contacts for external devices

Standard Equipment:
- Low Loss Header Standard on 125, 150 & 200 MBH models
- Optional on 50, 75 & 100 MBH models

STOCK NO	EACH
Natural Gas	
JX050N	*2250.18*
JX075N	*2387.48*
JX100N	*2609.21*
JX125N	*2716.13*
JX150N	*2892.92*
JX200N	*3499.20*

Use WHS1 Bolier Stand listed below for all 18" elevated installations

Size	Input BTU/hr	Capacity BTU/hr	AFUE % Nat. Gas	Water Connection	Gas Connection	W x H x D
50	50,000	42,000	84	1¼"	¾"	11¾" x 31⅝" x 25⅛"
75	75,000	63,000	84	1¼"	¾"	14½" x 31⅝" x 25⅝"
100	100,000	84,000	84	1¼"	¾"	17⅜" x 32⅛" x 25½"
125	125,000	105,000	84	1¼"	¾"	20⅛" x 32⅛" x 25"
150	150,000	126,000	84	1¼"	¾"	23" x 32⅛" x 25"
200	199,000	168,000	84	1¼"	¾"	28⅜" x 32¼" x 24⅝"

JX LP Conversion Kits

BTU INPUT	STOCK NO	EACH
50,000 - 199,000	*CA019921*	*165.60*

Mini-Therm Boiler Stand



18 Gauge • 650lb. Limit

SIZE WxHxD	STOCK NO	EACH
21"x 21"x 18"	*WHS1*	*100.23*

MagnaTherm FT



Features:
- 95% Thermal Efficiency
- 15:1 Modulation Turndown Ratio
- TRU TRAC™ O_2 Trim
- LAARS LINC® Intuitive Touch Screen Controls
- CF-Tech™ Contoured Flue Tube Technology
- Indoor/Outdoor Rated; Flexable Installation

STOCK NO	EACH
120v/1 Phase	
CFH1000	*36161.28*

Model	Min Input BTU/hr	Max Input BTU/hr	Min Output BTU/hr	Max Output BTU/hr	Thermal Eff. %	Comb. Eff. %	Turndown Ratio	WxHxD
1000	67,000	999,000	63,000	950,000	95.8	96.1	15:1	30.2"x80.0"x70.5"

OmniTherm



Features:
- Up to 7:1 Turndown Ratio
- Electronic Fuel-to-Air Ratio Control
- Up to 90% Thermal Efficiency
- Stainless Steel Heat Exchanger
- Indoor/Outdoor Rated
- Laars Linc® Intuitive Touch Screen Controls
- Low Return Water Temperatures Allowed

STOCK NO	EACH
120v/1 Phase	
OCH1250	*26038.66*
OCH1750	*29677.25*
OCH2000	*31977.79*

Model	Input Rate BTU/hr	Output Rate BTU/hr	Thermal Eff. %	Comb. Eff. %	Turndown Ratio	WxHxD
1250	1,250,000	1,098,000	87.8	87.7	5:1	24½"x66"x39"
1750	1,750,000	1,523,000	87.0	86.7	7:1	32"x69"x53"
2000	1,999,900	1,756,000	87.8	87.5	5:1	32"x78"x53"

SW Series
Gas-Fired Water Boilers



- Assembled Boiler with Insulated Jacket
- EMC Circulator Included.
- Completely Installed and Wired Gas Control System with Titanium Composite Burners and Manifold consisting of:
  - Automatic Redundant Combo Gas Valve
  - 24 Volt Intermittent Pilot Control
  - Continuous Retry 100% Shut-Off
  - Combination Pilot Burner/Electrode/Flame Sensor
- 24 Volt Transformer, Service Switch
- Flame Roll-Out Safety Shut-Off (Fuse Link) and Pressure Switch (Vent Safety Shut-Off) with Spare Fuse Link Included
- Induced Draft Fan
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve
- 20 Year Limited Warranty (Residential Applications)

½" Natural Gas Inlet • AFUE 84% • 120 Volts, 15 Amps, 60 Hz.

BTUH	STOCK NO	EACH
75,000	UHSW75	2912.78
112,500	UHSW112	3214.22
150,000	UHSW150	3597.00
187,500	UHSW187	4211.38

Specifications

Model Number	Input (MBH)	Heating Capacity (MBH)	Net AHRI (MBH)	Dimensions (Inches)			Pump Size Supply & Return Tappings	Vent Diameter	
				Width	Height	Depth		To Chimney	Horizontal
UHSW75	75.0	63	55	14¼"	29"	23¼"	1¼"	4"	3"
UHSW112	112.5	95	82	17½"	29"	23¼"	1¼"	4"	3"
UHSW150	150.0	127	109	20¾"	29"	23¼"	1¼"	4"	3"
UHSW187	187.5	158	282	24"	29"	23¼"	1¼"	4"	4"

15C Series
Gas-Fired Water Boilers



- Energy saving features include the electronic ignition system and motorized vent damper to reduce your heating costs.
- Exceptional Heat Exchanger Design
- Features a dependable cast iron heat exchanger with cast iron push nipple connections. The sections and push nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets, the boiler maintains a water tight seal.
- Hydrolevel Operating Control
  - Features digital display and diagnostics
  - Adjusts the water temperature based on your heating system demand which further reduces your heating costs
  - Built-in low water cut-off (LWCO) to protect the boiler from potentially dangerous low water conditions
- Integral Draft Diverter
- Features factory installed integrated draft hood diverter, which reduces the risk of improper draft hood installation and unsafe CO levels. Low profile reduces installation height by up to 30" as compared to models with an external draft diverter hood
- 10 Year Limited Heat Exchanger

1¼" Water Return/Supply • AFUE 84% • 120 Volts, 60 Hz, 1 phase

BTUH	BURNERS	STOCK NO	EACH
262,000	7	UH15C8D	4781.56
299,000	8	UH15C9D	5061.78

Specifications

Model Number	Input (MBH)	Heating Capacity (MBH)	Net Water (MBH)	Dimensions (Inches)			Water Content Gallons	Flue Diameter (Inches)	Gas Inlet
				Width	Height	Depth			
UH15C-8D	262	221	192	27½"	36⅜"	26½"	12.7	7"	½" NPT
UH15C-9D	299	252	219	30¾"	36⅜"	26½"	14.4	7"	½" NPT

15B Series K
Gas-Fired Water Boilers



- Energy saving features include the electronic ignition system and motorized vent damper to reduce heating costs.
- EMC Circulator Included.
- Proven Cast-Iron Heat Exchanger Design
- Features a dependable cast-iron heat exchanger with dry leg end sections. Each cast-iron heat exchanger is water and pressure tested prior to assembly.
- Hydrolevel controller
- Digital display and diagnostics. Control adjusts the water temperature based on the heating system demand to reduce your heating costs.
- Internal LWCO and Gas Valve
- Factory installed low water cut-off (LWCO) protects the boiler from potentially dangerous low water conditions.
- Flexible Installation, left or right side hydronic piping and electrical wiring options available.
- Easy to Service Burner
- Pull out burner drawer and removable burner tube tray allow for easy cleaning and quick access to change orifices; LP gas, high altitude.
- Easy to Install Draft Diverter
- Includes a low profile draft diverter hood reducing installation height by up to 30" when compared to models with external hoods.
- 2+Second Zone Capable with Circulator Cable (550004166 - Below)
- 20 Year Limited Warranty (Residential)

1¼" Water Return/Supply • AFUE 84% • 120 Volts, 60 Hz, 1 phase

BTUH	STOCK NO	EACH
59,000	UH15B060K	2508.79
92,500	UH15B095K	2747.47
120,000	UH15B120K	2950.79
149,000	UH15B150K	3295.55
175,000	UH15B175K	3627.94
205,000	UH15B205K	4077.01
235,000	UH15B235K	4437.68

Specifications

Model Number	Input (MBH)	Heating Capacity (MBH)	Net Water (MBH)	Dimensions (Inches)			Water Content Gallons	Flue Diameter (Inches)	Gas Inlet
				Width	Height	Depth			
UH15B0-60K	59	50	43	13⅜"	32⅛"	24⅛"	1.9	4"	½" NPT
UH15B0-95K	92.5	78	68	13⅜"	32⅛"	24⅛"	2.3	5"	½" NPT
UH15B-120K	120	101	88	16¼"	32⅛"	24⅛"	2.8	6"	½" NPT
UH15B-150K	149	125	109	19"	32⅛"	24⅛"	3.2	6"	½" NPT
UH15B-175K	175	147	128	21⅞"	32⅛"	24⅛"	3.7	7"	½" NPT
UH15B-205K	205	172	150	27½"	32⅛"	24⅛"	4.1	7"	¾" NPT
UH15B-235K	235	197	171	27½"	32⅛"	24⅛"	4.6	7"	¾" NPT

Second Circulator Zone Harness Kit

FOR USE WITH	STOCK NO	EACH
15B Series	550004166	59.00

LP Kits

FOR USE WITH	STOCK NO	EACH
SW Series	UHSW	126.00
15C Series	UH15C	138.00
15B Series K	UH15BK	102.00

Axiom Neutralizers (40)

axiomind.com

(40)

NeutraPump



- Integral baffles force the acidic fluid through Axiom's LipHter+ media for maximum neutralization
- Pumps come with auxiliary dry contacts in event of a high-level fluid condition
- Pumps are ETL certified and come with standard 120v plug-in connection

TANK	INLET CONNECTION	HOSE	STOCK NO	PRICE
1 Gallon	¾" FNPT	20' of ⅜" Vinyl	AXNT1P	184.46
Replacement LipHter Neutralization Media				
For AXNT1P			AXNM1P	53.42

Model Number	BTU/hr	At Efficency	Produces Gal/hr
NT1-P	500,000	93%	1.9

GUIDELINE ONLY - Visit www.axiomind.com for sizing calculator

(40)

NeutraPal



- Raise the pH level of the acidic condensate to a more neutral level which:
  - Prevents acidic fluid from damaging drains, sewer systems and concrete
  - Helps maintain a safe environment for bacteria in septic systems
- Made with corrosion resistant materials for long term durability
- Tanks and capsules come with connection hardware kits
- Includes an initial charge of Axiom's unique blend of LipHter+ neutralizing media

TANK	INLETS/OUTLETS	HOSE	STOCK NO	PRICE
.26 Gallon	½" hose barb	10' of ½" Vinyl	AXNC1	100.30
.53 Gallon	½" hose barb	10' of ½" Vinyl	AXNC2	153.72
.26 Gallon	¾" FNPT	N/A	AXNC1W	88.20
Replacement LipHter Neutralization Media				
For AXNC1, AXNC2 & AXNC1W			AXNM1	38.30
42lbs For AXNC1, AXNC2 & AXNC1W			AXNM1BULK	385.56

Model Number	BTU/hr	At Efficency	Produces Gal/hr
NC-1	400,000	93%	1.6
NC-2	1,000,000	93%	4.0
NC-1W	400,000	93%	1.6

GUIDELINE ONLY - Visit www.axiomind.com for sizing calculator

(40)

NeutraPro



- Integral baffles that weave the acidic fluid through Axiom's unique blend of LipHter media for maximum neutralization
- Low inlet connections accommodate near floor condensate outlets
- Ideal for commercial gas-burning appliances (up to 7,000,000 btu/h)
- Integral bypass feature prevents condensate backflow

TANK	INLETS/OUTLETS	UNIONS	PLUG	STOCK NO	PRICE
3.5 Gal.	(3) 1" FNPT	(2) 1" NPT	1" NPT	AXNT15	291.31
4.8 Gal.	(2) 1" FNPT	N/A	N/A	AXNT25	343.22
Replacement LipHter Neutralization Media					
For AXNT15				AXNM15	104.83
For AXNT25.				AXNM25	111.38

Model Number	BTU/hr	At Efficency	Produces Gal/hr
NT15	3,000,000	96%	20
NT25	7,000,000	96%	45
(2) NT25	12,000,000	96%	80

GUIDELINE ONLY - Visit www.axiomind.com for sizing calculator

(40)

PuroPal



Disposable cartridge with a translucent exterior
When media is expired the resin will change from blue to beige
Designed for single point of use applications
One PuroPal-1 cartridge will treat approximately 65 Gallons

SIZE	STOCK NO	PRICE
¾" FGHT Connections. . . .	AXPUROPAL	145.66

DiaNorm Panel Radiators (22)

heatlines.com

Panel Radiators "Solidoflux - N"



- Fluted front panel, made from .049" steel.
- Convection tunnels welded on the water channels.
- Baked on white powder coating.
- Air bleeder and flowsetter valve.

Piping connections:
R20 Male Metric, approximately ¾" (located at the bottom of the radiator)

MODEL	SIZE	WATER CAP. PER FT.	STOCK NO.	EACH
22	12" Height x 24" Length	.43 Gallons	DN21224	303.58
22	20" Height x 24" Length	.56 Gallons	DN22024	338.16
22	24" Height x 16" Length	.56 Gallons	DN22416	304.45
22	24" Height x 24" Length	.65 Gallons	DN22424	357.15
22	24" Height x 36" Length	.65 Gallons	DN22436	435.92
22	24" Height x 48" Length	.65 Gallons	DN22448	514.54

Model Number	Size	Width	BTU Output @ 180° F	Max. Working Pressure	Max. Working Temp.	Water Capacity per Ft
22	12 x 24	4"	2850	147 psi	250°	.43 Gal
22	20 x 24	4"	4000	147 psi	250°	.56 Gal
22	24 x 16	4"	4000	147 psi	250°	.56 Gal
22	24 x 24	4"	4600	147 psi	250°	.65 Gal
22	24 x 36	4"	6900	147 psi	250°	.65 Gal
22	24 x 48	4"	9200	147 psi	250°	.65 Gal

Thermostatic Radiator Valves

For use with Panel Radiators

STOCK NO	EACH
H1365	33.60

Radiator Diverter Valves

STOCK NO	EACH
½" Straight	
H5933	46.40

Isolation Valves

STOCK NO	EACH
½" Straight	
H5813	36.80
½" Angled	
H5814	36.80

Adapters

STOCK NO	PAIR
½" Dianorm Pex Assembly	
H6850A	12.80
½" Dianorm Copper Compression	
HM3831S	13.60

Standard Heated Towel Racks

Square tubing frame and round inner tubing.

SIZE	STOCK NO.	EACH
24"x48"	DN44824	566.38

Model Number	Size	Total Depth	BTU Output @ 180° F
Standard	24 x 48	4"	3024



See page 922 for Danfoss Radiator Zone Valves

DiaNorm RADIATORS

Mini-Boiler



- Full element modulation
- Added LED status indicators
- 20 Year element and boiler vessel warranty
- 100% efficient
- Built-in electronic water temperature control with front panel temperature select
- Quiet solid state and DC relays
- Thermostat or end switch connection
- Circulating 10 amp switch relay

Dimensions:
29"H x 10½"W x 9"D • ¾" NPT • 55 lbs. • .95 Gallon

BTU/H	STOCK NO	EACH
Staging (Single Zone) • Phase 1-60 Hz • 240/208v		
17,000	*EMBR105*	*1380.00*
30,700	*EMBR109*	*1444.00*
Modulating (Two Zone) • Phase 1-60 Hz • 240/208v		
30,700	*EMBM209*	*1700.00*
40,900	*EMBM212*	*1940.00*
61,400	*EMBM218*	*2108.00*

Model	kW	Watts	Amps	Breakers
EMBR105	5	5,000	21	30A
EMBR109	9	9,000	38	60A
EMBM209	9	9,000	38	60A
EMBM212	12	12,000	50	45A, 45A
EMBM218	18	18,000	75	60A, 60A

Mid-Size Series Boiler

EBM-S: Staging Outlet Temp, Max 170° F
EBM-X: This model has the ability to sense water temperature and maintain an accurate boiler temperature output by only energizing the electric elements for needed output (not full capacity). This eliminates extra costs associated with relays, extra temperature controls, zone boxes, etc., Max 180° F



Features:
- 1" NPT
- 75 lbs.
- 2.20 Gallon vessel

Dimensions:
28"H x 17"W x 10"D

DESCRIPTION	STOCK NO	PRICE
Temp Sensing	*EBMX10*	*2196.00*
Temp Sensing	*EBMX15*	*2448.00*
Temp Sensing	*EBMX20*	*2664.00*
Outlet Temp	*EBMS10*	*1900.00*
Outlet Temp	*EBMS15*	*2152.00*
Outlet Temp	*EBMS20*	*2368.00*

Model	kW	Btu/h	Amps	Voltage	Breakers	Flow/gpm
EBMX10	10	34,000	42	240/1PH	60	3.4
EBMX15	15	51,000	63	240/1PH	60,30	5.1
EBMX20	20	68,000	83	240/1PH	60,60	6.8
EBMS10	10	34,000	42	240/1PH	60	3.4
EBMS15	15	51,000	63	240/1PH	60,30	5.1
EBMS20	20	68,000	83	240/1PH	60,60	6.8

EZB-Eco Radiant Floor Heat Electric Boiler

The EZB-Eco is a complete boiler system for radiant floor heating or hot water baseboard applications.



Features:
- Temperature Sensing
- WarmFlo Modulation Control
- Outdoor Reset Capability
- ETL/Intertek Listed
- ASME H-Stamp Vessel
- 2-Year Parts Warranty
- 20-Year Vessel and Element Warranty

Dimensions:
25"H x 36"W x 13"D, 140 lbs

STOCK NO	PRICE
EZBT1052401	*3056.00*
EZBT1102401	*3204.00*
EZBT1202401	*4488.00*

Model	kW	Btu/h	Amps	Voltage	Phase	Breakers	Max Op Temp
EZB-T1-05-240-1	5	17,000	20.8	240/208	1	30A	180° F
EZB-T1-10-240-1	10	34,100	41.7	240/208	1	60A	180° F
EZB-T1-20-240-1	20	68,200	83.3	240/208	1	60A,60A	180° F

TS Series Boilers



Features:
- Built-in temperature/pressure gauge
- High Mass/Low Mass element regulation
- Boiler status panel
- ASME/CSA US/Canada certification
- Complete front panel accessibility
- Dual Boiler option
- Load Management connection
- Super quiet operation
- 20-year element/vessel warranty

Additional Features for EB-W models only:
- Modulates at a tighter temperature control
- Outdoor sensing with outdoor reset capability.
- The target supply temperature ramps up as it is colder outside.

Dimensions:
- 38"H x 17"W x 17"D
- 1¼" NPT

BTU/H	KW	AMPS	BREAKERS	VOLTAGE	MAX OP TEMP	STOCK NO	EACH
EB-S Electro-Boiler • Single phase 240V							
77,000	*22.5*	*94*	*60,60,30*	*240*	*160°F*	*EBS23*	*2936.00*
92,000	*27*	*113*	*60,60,60*	*240*	*160°F*	*EBS27*	*3172.00*
EB-W Electro-Boiler • Single phase 240V							
46,000	*13.5*	*56*	*60,30*	*240*	*180°F*	*EBWX13*	*2840.00*
61,000	*18*	*75*	*60,60*	*240*	*180°F*	*EBWX18*	*2984.00*
77,000	*22.5*	*94*	*60,60,30*	*240*	*180°F*	*EBWX23*	*3340.00*
92,000	*27*	*113*	*60,60,60*	*240*	*180°F*	*EBWX27*	*3576.00*

Model EB-SSB

Dual Fuel Relay
FOR EB-MS, EB-S & EB-C SERIES ONLY

STOCK NO	EACH
EBSSB	*165.00*

TS Series Staging Relay

STOCK NO	EACH
EBCSTG5	*104.00*

Commercial Series Boilers



EBCA: Supply water sensing Staging

Features:
- 2" NPT • 230 lbs. • 13.12 Gallon vessel

Dimensions:
- 38" H x 20" W x 21" D

STOCK NO	EACH
EBCX36	*4516.00*

Model	kW	Btu/h	Amps	Voltage	Breakers	Flow/gpm
EBCX36	36	123,000	150	240/1PH	100,100	12.3

Model EB-ZTA-1

4-Zone Control, Dual Temp

STOCK NO	EACH
EBZTA1	*284.00*

EZBoiler



The EZBoiler is the complete electric boiler solution for hydronic heating systems.

Features:
- Quiet solid state or DC power relays
- Temperature Sensing
- WarmFlo Modulation Control
- Outdoor Reset Capability
- 2-zone control
- ASME stamped vessel
- 20-Year Vessel and Element Warranty

Dimensions:
34.35"H x 21.85"W x 12"D, 111 lbs

STOCK NO	PRICE
EZBM2152401	*3696.00*

Model	kW	Btu/h	Amps	Voltage	Phase	Breakers	Max Op Temp
EZB-M2-15-240-1	15	51,100	63	240/208	1-60Hz	60A,45A	180° F

Boiler Accessories

millrose.com fieldcontrols.com

(40)

Round Double Spiral Tempered Wire Flue Brushes

DOUBLE SPIRAL	FLUE SIZE	BRUSH DIA	STOCK NO	EACH
43306	¾"	¾"	34DSFLBR	13.28
43312	1½"	1¼"	114DSFLBR	13.62
43316	2"	1¾"	134DSFLBR	14.13
43322	2½"	2¼"	214DSFLBR	17.47
43326	3"	2¾"	234DSFLBR	18.12
43328	3¼"	3"	3DSFLBR	18.63

(40)

Boiler Brush

4" oval shaped brush, long twisted wire handle with 1" ring.

SINGLE SPIRAL	BRUSH SIZE	LENGTH	STOCK NO	EACH
43018	1½"-1⅛"	30"	112FLBR	10.26

IBC Vertical Floor Stand



IBC Boiler Stand

Designed for SL Series (85,115,160,199) • VX Series • HC Series • DC Series • SUPERFLOW. Adjustable feet.

SIZE	STOCK NO	PRICE
58.62" X 24.33"	P267D	279.65

(27)

FIELD GVD Series Vent Dampers



The Gas Vent Damper works automatically to allow natural draft during appliance operation while preventing residual appliance heat and conditioned air from escaping during off cycles. It also prevents the infiltration of cold air during down drafts. Field Controls gas vent dampers (GVD) are made of stainless steel.

Dual safety switches allow the burner to fire only when the damper is in the open position. The GVD will not interfere with existing appliance safety controls, when properly installed.

SIZE	STOCK NO	EACH
4"	GVD4	204.42
5"	GVD5	212.50
6"	GVD6	216.74
7"	GVD7	225.22
8"	GVD8	264.74
9"	GVD9	298.34
10"	GVD10	310.87

(27)

Universal 8' Wiring Harness



Includes 5 Adapters

American Standard, Buderus, Burnham, Fraser-Johnson, Honeywell, Lennox, Lochinvar, Luxaire, Moncreif, Slant Fin, Trane, Utica, Valliant, Weil-McLain, York, gas fired appliance with Penn G-60 & G-65. Ignition system with plug, gas fired appliances with Honeywell ignition modular or L-8148E. Triple Aquastat with plug.

STOCK NO	EACH
46579100	87.79

Harness for GVD Series Dampers:

All harness plug directly into the Effikal controller. (Number at end of harness model indicatess harness length in feet.)

(27)

FIELD Motor for GVD Series Dampers

ALSO for use with Effikal dampers.

STOCK NO	EACH
GVD	146.16

****IMPORTANT****
KNOCK OUT PLUG AND DAMPER BLADE MUST BE REMOVED ON STANDING PILOT APPLICATIONS

(27)

Concrete Slabs

SIZE	STOCK NO	PRICE
24" X 24"	2424COSL	45.29



(27)

Universal Boiler Stand

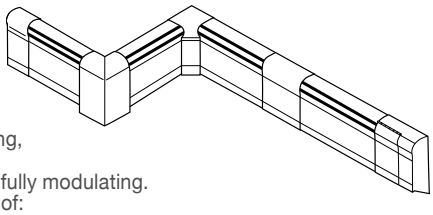
28" between crossbars, carries up to 200lbs

SIZE	STOCK NO	PRICE
24" X 54"	BS2454	407.00

Slant/Fin Radiation (23)

slantfin.com

Base/Line 2000D Hot Water Baseboard Radiation



Ideal for heating in tract housing, apartments and renovations.
With fingertip control damper, fully modulating.
Model BL2000D-75E consists of:

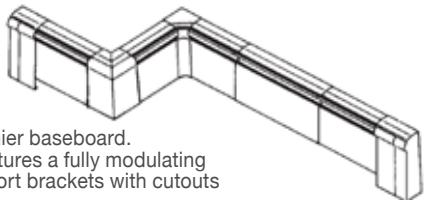
- ¾" copper tube element.
- .009" aluminum fins bent to 2 19/64 x 2 1/8", 56.35 fins per foot.
- End fins are of plated steel.
- Height: 7 3/8"; depth 2 3/4"; lengths 2' to 10' lengths.
- Stocked in Nu-White baked enamel finish.

Splice plate also included with lengths of 5' and longer

HOT WATER RATINGS							
Model Number	Flow Rate GPM	BTU/Hr per Linear Foot with 65°F Entering Air					
		170°	180°	190°	200°	210°	220°
BL-2000-75E	1	500	570	630	700	770	840
	4	530	600	670	740	810	890

Note:
Ratings are for element installed with damper open, with expansion cradles. Ratings are based on active finned length (5" to 6": less than over-all length) and include 15% heating effect factor. Use 4 GPM ratings only when flow is known to be equal to or greater than 4 GPM; otherwise 1 GPM ratings must be used.

Fine/Line 30 Baseboard Radiation



Fine/Line 30 is America's premier baseboard.
It's super strong enclosure features a fully modulating damper and extra-heavy support brackets with cutouts for return piping.

- Height: 7 7/8"; depth: 2 11/16; lengths 2' to 8'
- Precision, piano hinged accessories
- Zip-Strip carton opens in seconds
- Stocked in Nu-White baked enamel

Splice plate also included with lengths of 5' and longer

HOT WATER RATINGS										
Baseboard Number	Flow GPM	Pressure Drop*	BTU/Hr per Linear Foot with 65°F Entering Air							
			170°	180°	190°	200°	210°	215°	220°	230°	240°
30-75	1	47	510	580	640	710	770	810	840	910	970
	4	525	540	610	680	750	810	860	890	960	1030

* Milinches per foot.

Note:
Ratings are for element installed with damper open, with expansion cradles. Ratings are based on active finned length (3" less than over-all length) and include 15% heating effect factor. Use 4 GPM ratings only when flow is known to be 4 or more GPM; otherwise 1 GPM ratings must be used.

Base/Line 2000D Cover Only

LENGTH	STOCKNO	EACH
2'	2BL2000D	14.08
3'	3BL2000D	21.11
4'	4BL2000D	28.15
5'	5BL2000D	35.19
6'	6BL2000D	42.23
7'	7BL2000D	49.26
8'	8BL2000D	56.30
10'	10BL2000D	70.38

Base/Line 2000D Accessories

LENGTH/DESCRIPTION	STOCK NO	EACH
2" End Cap		
Left	2BLLHEC	8.38
Right	2BLRHEC	8.38
4" Hinged End Cap, 4"		
Left	4BLLHEC	14.69
Right	4BLRHEC	14.69
Wall Trim		
4"	4BLWT	6.31
Hinged Inside Corner		
90°	90BLIC	11.67
135°	135BLIC	12.92
Outside Corner		
90°	90BLOC	24.00
135°	135BLOC	25.14
Filler Sleeve		
7" Wide	7BLFISL	14.71
12" Wide	14BLFISL	18.00

2" Splice Plate Set

STOCK NO	PER SET
2BLSPPL	6.62

No. E-75 Element Only For Base/Line 2000D and 30D

LENGTH	STOCK NO	EACH
2'	2E75EL	17.67
3'	3E75EL	26.50
4'	4E75EL	35.34
5'	5E75EL	44.17
6'	6E75EL	53.01
7'	7E75EL	61.84
8'	8E75EL	70.68

Base/Line 2000D & Fine/Line 30 Accessories

DESCRIPTION	STOCK NO	EACH
Neoprene Riser Ring		
	30RIRI	3.07
Plastic Expansion Cradle		
Fine/Line 30	30EXCR	1.80
T-Shot Nailing Tool		
	30NATO	49.73

(21)

Slant Fin Touch-Up Paint

STOCK NO	EACH
4.5 oz. Nu White	
SF102650	27.72

No. 30D Cover Only

LENGTH	STOCK NO	EACH
2'	30D2W	22.33
3'	30D3W	33.49
4'	30D4W	44.66
5'	30D5W	55.82
6'	30D6W	66.99
7'	30D7W	78.15
8'	30D8W	89.32

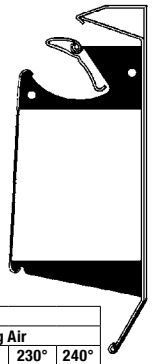
Fine/Line 30 Accessories

LENGTH/DESCRIPTION (NU-WHITE)	STOCK NO	EACH
4" Hinged End Cap		
Left	30DLHW	17.66
Right	30DRHW	17.66
4" Hinged Wall Trim		
Left	30DLHWTW	18.50
Right	30DRHWTW	18.50
8" Hinged Valve Cover		
Left	30LHVACOW	36.21
Right	30RHVACOW	36.21
Hinged Inside Corner		
90 °.	30DIS90W	13.23
135°	30DIS135W	25.19
Hinged Outside Corner		
90 °.	30DOS90W	26.01
135 °.	30DOS135W	27.57
Filler Sleeve		
14" wide	1430FISLW	25.79
7" wide	730FISLW	19.19
Splice Plate Set		
2"	30DSPW	7.32
Solid Wall Trim		
4"	30D4WT	8.18

Support Bracket with pivot

STOCK NO	EACH
30SUBR	8.78

Multi/Pak 80 Baseboard Radiation



Multi/Pak 80 is the ideal choice for deluxe residential heating or for light commercial heating requirements. It's built with hefty brackets, 18 gauge front panels and finished in nu-white baked enamel.

No 83-A Baseboard 8⅞"H x 3½"D:
with H-3 element, ¾" nominal copper tube, 3⁵⁄₃₂ x 2½ x .0135" aluminum fins.

No 84-A Baseboard 8⅞"H x 3½"D:
with H-4 element, 1" nominal copper tube, 3¹⁵⁄₃₂ x 2¼ x .012" aluminum fins.

HOT WATER RATINGS											
Baseboard Number	Flow GPM	Pressure Drop*	BTU/Hr per Linear Foot with 65°F Entering Air								
			170°	180°	190°	200°	210°	215°	220°	230°	240°
83-A	1	47	650	730	810	890	970	1010	1050	1130	1210
	4	525	690	770	860	940	1030	1070	1110	1190	1280
84-A	1	13	650	730	810	890	970	1010	1050	1130	1210
	4	145	690	770	860	940	1030	1070	1110	1190	1280

* Milinches per foot.

80D Cover Only

Nu-White Baked Enamel

LENGTH	STOCK NO	EACH
3'	380DCO	50.63

No H3 Elements Only • ¾"

LENGTH	STOCK NO	EACH
3'	3H3EL	44.76
4'	4H3EL	59.68
5'	5H3EL	74.60
6'	6H3EL	89.52
7'	7H3EL	104.44
8'	8H3EL	119.36

No H4 Elements Only • 1"

LENGTH	STOCK NO	EACH
3'	3H4EL	59.63
4'	4H4EL	79.51
5'	5H4EL	99.39
6'	6H4EL	119.27
7'	7H4EL	139.14
8'	8H4EL	159.02

Multi/Pak 80 Accessories

DESCRIPTION	STOCK NO	EACH
End Cap, 4" with access		
Left	480ALENCA	22.89
Right	480ARENCA	22.89
Wall Trim, 4" I Slotted Endcap		
Left	480ALWATR	22.89
Right	480ARWATR	22.89
Filler Sleeve		
14" wide	1480AFISL	29.68
7" wide	780AFISL	23.03
Inside Corner		
90°	9080AINCO	15.66
135°	13580AINCO	36.80

DESCRIPTION	STOCK NO	EACH
Outside Corner, with access		
90 deg.	9080AOUCO	35.95

STOCK NO	EACH
Support Bracket	
80ASUBR	7.53
2" Splice Plate Set	
280ASPPL	10.57
Plastic Expansion Cradle	
80AEXCR	1.76



Revital/Line Baseboard Replacement

- Revital/Line™ fits over 90% of all brands of standard residential baseboard...Ours and theirs! (up to 8.5" H x 3" D)
- Available in 2 ft - 8 ft
- No tools needed for most installs
- Lab tested for Max Heat Output
- Powder-coated, Enamel-like finish
- Standard color is Brite White
- Made from Recycled Aluminum
- Decorator Colors & Revital/Line™ XL Available by special order

Revital/Line Cover Only

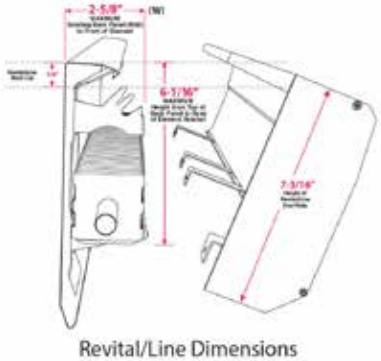
Brite White Enamel-like finish
Powder-coated Recycled Aluminum

LENGTH	STOCK NO	EACH
2'	2RVTLCO	47.45
3'	3RVTLCO	71.18
4'	4RVTLCO	94.91
5'	5RVTLCO	118.63
6'	6RVTLCO	142.36
7'	7RVTLCO	166.09
8'	8RVTLCO	189.81

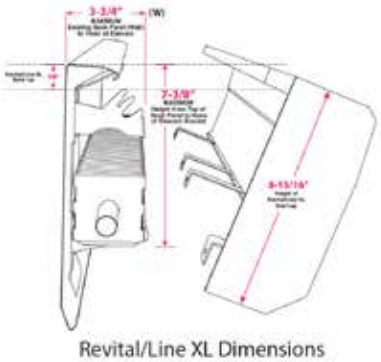
Revital/Line Accessories

DESCRIPTION	STOCK NO	EACH
End Cap, 3 ¾" (Brite White)		
Left	RVTLLHEC	19.00
Right	RVTLRHEC	19.00
Filler Sleeve (Brite White)		
2"	2RVTLFISL	11.69
7"	7RVTLFISL	16.08
14"	14RVTLFISL	21.92

DESCRIPTION	STOCK NO	EACH
Inside Corner, 90 deg.		
Brite White.	RVTL90IC	21.92
End Plate		
Brite White	RVTLEP	19.00



Revital/Line Dimensions



Revital/Line XL Dimensions

Slant/Fin Radiation (23)

slantfin.com



Multi/Pak 88 Baseboard Radiation

Multi/Pak 88 is a heavy-duty baseboard heating product that provides specifying engineers and contractors a choice of six interchangeable high output heating elements in one low profile enclosure. This allows for more design flexibility than any competitor's baseboard. The low profile design makes it ideal where space is at a premium, while the extra-high heat outputs of all six elements meet nearly every heating requirement.

Baseboard Dimensional Data 9⅛"H x 3¾"D:

- H3 element, ¾" nominal copper tube, 2 ½" x 2 ¾" x .010" aluminum fins.
- H4 element, 1" nominal copper tube, 2 ½" x 2 ¾" x .011" aluminum fins.

RATINGS											
Element Type	Flow GPM	Average Hot Water Temperature - BTU/Hr./Lin./Ft.									
		120°F	130°F	140°F	150°F	160°F	170°F	180°F	190°F	200°F	210°F
H3	4	269	342	414	466	549	640	740	820	910	990
	1	255	323	392	441	519	610	700	780	860	940
H4	4	267	338	410	461	543	640	730	810	900	980
	1	252	320	388	437	514	610	690	770	850	930

88D Cover Only

Nu-White Baked Enamel

LENGTH	STOCK NO	EACH
2'	288DCO	33.75
3'	388DCO	50.63
4'	488DCO	67.50
5'	588DCO	84.38
6'	688DCO	101.26
7'	788DCO	118.13
8'	888DCO	135.01

No H3 Elements Only • ¾"

LENGTH	STOCK NO	EACH
3'	3H3EL	44.76
4'	4H3EL	59.68
5'	5H3EL	74.60
6'	6H3EL	89.52
7'	7H3EL	104.44
8'	8H3EL	119.36

No H4 Elements Only • 1"

LENGTH	STOCK NO	EACH
3'	3H4EL	59.63
4'	4H4EL	79.51
5'	5H4EL	99.39
6'	6H4EL	119.27
7'	7H4EL	139.14
8'	8H4EL	159.02

Multi/Pak 88 Accessories

DESCRIPTION	STOCK NO	EACH
3" End Cap		
Left	88D3LHEC	22.89
Right	88D3RHEC	22.89
4" Slotted End Cap		
Left	88D4SLHEC	22.89
Right	88D4SRHEC	22.89
Filler Sleeve		
14" wide	88D14FISL	29.68
9" Valve Enclosure		
Left	88D9LHVC	42.19
Right	88D9RHVC	42.19

DESCRIPTION	STOCK NO	EACH
Outside Corner		
90°	88DOC90	41.56
135°	88DOC135	41.56
Inside Corner		
90°	88DIC90	15.66
135°/45°	88DIC135	36.80
Wall Trim		
5" wide	88D5WT	10.94
Splice Plate		
2" wide	88D2SPPL	10.57

Lochinvar Heaters (24)

lochinvar.com

Squire Stainless Steel Indirect Water Heaters



- 316L Passivated Satinless Steel Tank.
- 304L High Capacity Stainlees Steel Coil.
- Fully Welded Construction.
- 1" Boiler Supply/Return Connections
- 1" Domestic Water (30, 40, 50 models)
- 1½" Domestic Water (65, 80, 119 models)
- Factory Supplied Tank Sensor

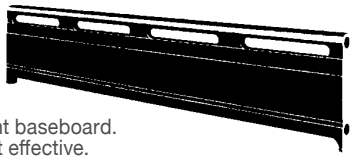
CAPACITY	FIRST DRAW (GAL.)	STOCK NO	EACH
27 Gallons	24	SIT030	1533.25
40 Gallons	27	SIT040	1708.08
52 Gallons	45	SIT050	2139.00
67 Gallons	65	SIT065	2669.24
82 Gallons	74	SIT080	2953.24
113 Gallons	109	SIT119	4508.65

DIMENSIONS								
Stock #	Height	Width	Relief Valve	Boiler In	Boiler Out	Cold Water Inlet	1st Hr Delivery	Continuous Delivery
SIT030	39½"	20"	31¼"	21¾"	8¼"	3"	184	160
SIT040	55½"	20"	48½"	25¼"	8¼"	3"	208	181
SIT050	47"	24"	39¾"	24½"	9¼"	3¾"	255	210
SIT065	60"	24"	52¼"	28"	9¼"	3¼"	328	263
SIT080	69½"	24"	61¾"	28"	9¼"	3¼"	340	266
SIT119	68¼"	28"	60¼"	31¾"	9¼"	3¼"	418	308

(21)

Accessories

DESCRIPTION	STOCK NO	EACH
Aquastat/Thermostat	TST20016	278.64



Governale Gov-Board Cast Iron Baseboard

Baseray is the original cast iron radiant baseboard.
It is designed to be inconspicuous but effective.
In fact, Baseray's design enables heat to be disbursed in both horizontal and vertical directions. And its cast iron construction provides radiant heat, lifetime durability, and dependability.

Length In Lineal Feet*	STEAM Rating Square Feet	Steam Ratings B.T.U. per Hr. @215°F	Hot Water Ratings in BTU PER HOUR AT 500 LBS./HR. (ONE GPM) FLOW RATE AT Average Water Tem[erature Of							
			230°F	220°F	210°F	200°F	190°F	180°F	170°F	150°F
Per Ft.	3.4	820	890	830	770	710	650	590	520	390
2.0 Ft.	6.8	1640	1780	1660	1540	1420	1300	1180	1040	780
4.0 Ft.	13.6	3280	3560	3320	3080	2840	2600	2360	2080	1560

*** Add ½" to length for each bushing. Add 5" to length for each valve enclosure.**

LENGTH	STOCK NO	EACH
Intermediate Assembly		
2'-0"	2I9A	165.51
4'-0"	4I9A	331.03
Right Hand Sub-assembly		
1'-0"	1R9A	82.76
2'-0"	2R9A	165.51
Left Hand Sub-assembly		
1'-6"	112L9A	124.13
2'-0"	2L9A	165.51
Complete Assembly		
1'-6"	1129AC	124.13
2'-0"	29AC	165.51

Gov-Board Accessories

DESCRIPTION	STOCK NO	EACH
Valve Enclosure		
Right hand	RVE9A	42.15
Left hand	LVE9A	42.15
90° Corner Plate Inverted		
4⅝"	458IC9A	46.53
10⅝"	1058IC9A	111.74
Projecting		
5¾"	PC9A	44.40
"Easy Angle" Connection, ¾"		
For 4⅝" Corner	458GC	76.78
Aluminum Foil, 13" high		
100' roll	13X100AF9A	130.22
Baseboard Extension		
6' lengths	6EX9A	135.54
6" End Cap for Extension		
Right hand	REC9A	47.50
Left hand	LEC9A	47.50
Hanger for Baseboard		
Extension	EH9A	11.89
Splice Plate		
	SP9A	19.94
Center Supports		
Top type	BUCS	1.36
Bottom type	BUBS	1.36
Assembly Clamp		
Cam type	BUAC	493.92
Push Nipple (2 per joint)		
3/4"	34PN9A	N/A
Plain Plug		
3/4"	34P9A	N/A
Vented Plug		
3/4 x 1/8"	34X18P9A	N/A
Tie Bolts (1 per joint)		
	TB9A	1.68

Governale™



(40)

Manual Air & Condensate Vent

Nickel Plated Brass

DESCRIPTION	STOCK NO	EACH
With Key		
⅛" Threads	PA605	1.76
Key ONLY		
Slotted	PA606	.40



(18)

Chrome Plated Loose Key Air Bleed Valve with Key

LENGTH	STOCK NO	EACH
⅛" NPT	DB5127	3.01



(18)

Vent Key

LENGTH	STOCK NO	EACH
¼"	1701208	.46

(18)

Air Valve Bleed Valve Key

Chrome plated with 3/16 OD x 21" Copper Tube

STOCK NO	EACH
DB5131	36.16

(24)

1/8 in. NPT Loose Key Coin Air Vent

Chrome plated brass.

STOCK NO	EACH
DB5129	2.80

Hydronic Convectors & Unit Heaters

beacon-morris.com reznorhvac.com

(24)

Beacon Twin-Flo III Kickspace Heater



SIZE HXWXD	STOCK NO	PRICE
3 7/8 x 12 1/4 x 12 3/4"	K42	293.10
3 7/8 x 19 1/4 x 12 3/4"	K84	369.98
3 7/8 x 19 1/4 x 12 3/4"	K120	452.00

Heating Capacity (BTU/Hr*) for All Twin-Flo III Models									
Entering Water	Water Flow Rate (Gallons Per Minute)								
Temperature	1 GALLON			2 GALLON			3 GALLON		
(°F)	K42	K84	K120	K42	K84	K120	K42	K84	K120
**110	1480	3370	8425	1520	3440	8535	1560	3515	8730
**120	1800	4055	8875	1840	4145	8995	1875	4230	9205
**130	2175	4770	9330	2220	4875	9455	2260	4980	9680
140	2590	5540	9780	2640	5670	9915	2690	5795	10150
150	3050	6300	10230	3120	6440	10375	3190	6585	10625
160	3510	7000	10685	3590	7155	10835	3670	7310	11100
170	3895	7730	11135	3980	7900	11295	4065	8070	11570
180	4278	8460	11585	4375	8650	11755	4470	8840	12045
190	4460	9180	12035	4770	9390	12215	4875	9600	12520
200	2015	9910	12490	5127	10135	12675	5240	10360	12990
Friction Loss	.17 ft	.22 ft	.43 ft	.8 ft	.95 ft	1.45 ft	1.2 ft	1.5 ft	2.97 ft

* Based on 65°F entering air temperature with fan at high speed including the heat effect factor.
** Blower operates at water temperature above 140°F with standard self-contained aquastat.
Supply and return connections are 1/2" nominal. Units are not recommended for use with steam.

(24)

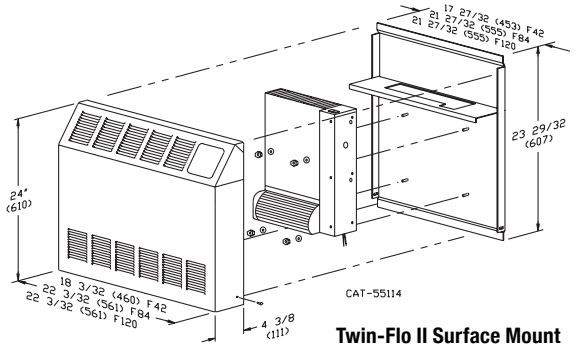
Beacon Surface Mount Kit

FOR USE WITH	STOCK NO	PRICE
K42	F42	235.04
K84	F84	259.58
K120	F120	287.44

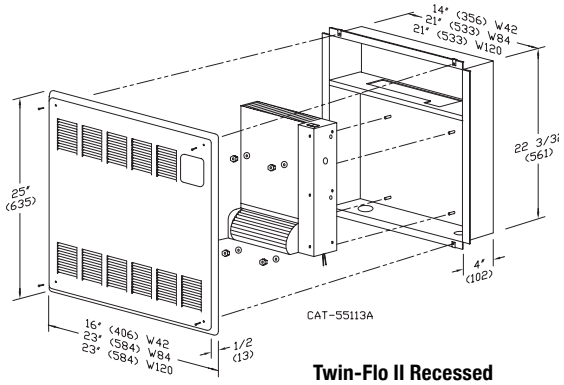
(24)

Beacon Reccessed Mount Kit

FOR USE WITH	STOCK NO	PRICE
K42	W42	235.04
K84	W84	259.58
K120	W120	287.44



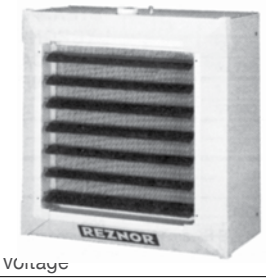
Twin-Flo II Surface Mount



Twin-Flo II Recessed

(26)

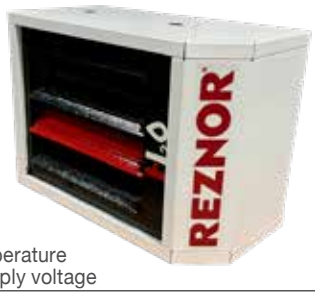
Reznor Model WS Hot Water Unit Heaters



- Vertical or horizontal configuration operates at 60 Hz or 50 Hz
- Hot water pressure up to 150 psi
- Two speed motor wired for 115/1/60 supply voltage

MAXIMUM HEATING CAPACITY (MBH) LOW	HIGH	LOW-HIGH LEAVING AIR TEMP °F	APPROXIMATE AIR VOLUME C.F.M.	COILS IN HEAT EXCHANGER	STOCK NO	EACH
18	24	121-115°	270-400	1	WS1824	760.35
190	238	140-137°	2,200-2,850	2	WS190238	2735.94

NEW ITEM



(26)

Reznor Model UWS Hot Water Unit Heaters

- Vertical or horizontal configuration
- Hot water pressure up to 150 psi
- Optimized for 140°F entering water temperature
- Two speed motor wired for 115/1/60 supply voltage

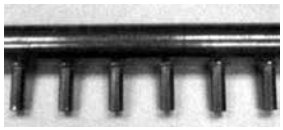
MAXIMUM HEATING CAPACITY (MBH) LOW	HIGH	LOW-HIGH LEAVING AIR TEMP °F	APPROXIMATE AIR VOLUME C.F.M.	WATER CONNECTION MALE MPT	STOCK NO	EACH
15	21	33-34°	524-569	3/4"	UWS1521	836.89
44	62	35-38°	1094-1659	1 1/4"	UWS4462	1585.58
62	77	40-42°	1404-1820	1 1/4"	UWS6277	1653.37
83	104	49-55°	1371-2054	1 1/4"	UWS83104	2040.47
110	137	46°	2200-2805	1 1/4"	UWS110137	2605.45
159	191	44°	3800-4147	1 1/2"	UWS159191	3625.32

UWS Model	UWS Size	MBH 140°F EWT	MBH 200°F EWT	WS Size
UWS1521	15/21	22	40	23/33
UWS4462	44/62	65	118	78/110
UWS6277	62/77	81	150	96/120
UWS83104	83/104	110	200	140/175
UWS110137	110/137	140	258	190/238
UWS159191	159/191	196	359	300/350



Willow 1" Manifolds
½" Compression

OUTLETS	STOCK NO	EACH
WITH Valve		
2	CVCX1005002	65.85
3	CVCX1005003	96.95
4	CVCX1005004	128.00
LESS Valve		
2	CACX1005002	66.37
3	CACX1005003	97.72
4	CACX1005004	129.04



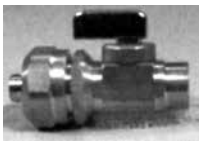
Manifold Header Stock
24 Outlets

DESCRIPTION	STOCK NO	EACH
1" x ½" Copper	250810	210.26
1" x ¾" Copper	250817	494.39
1¼" x ½" Copper	250820	612.68
1¼" x ¾" Copper	250827	615.74
1½" x ¾" Copper	250830	517.84



End Cap Vent Drain
- Helps with filling and purging system.
- Copper end caps solder onto the ends of copper manifolds in indicated sizes.
- FPT Tapping for ¾" boiler drain and ⅛" air vent.

DESCRIPTION	STOCK NO	EACH
1¼"	250820ECVD	81.45



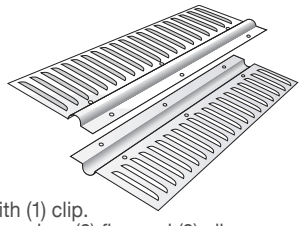
Straight Ball Valve
Compression Nut to Female Copper Sweat

SIZE	STOCK NO	EACH
½ Raupex x ½" Copper	260277	39.46



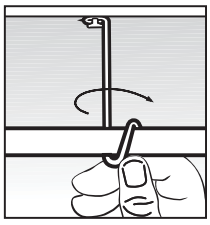
Everloc Brass Compression-Nut Fitting to Copper Adapters
Designed to provide positive clamping and sealing action with split compression ring.
Compression to Female Copper Sweat

DESCRIPTION	STOCK NO	EACH
½"Raupex x ½"Copper	260997	41.79
¾"Raupex x ¾"Copper	260347	69.11
1" Raupex x 1" Copper	260467	191.36



Ultra-Fin with clips
Each fin comes with (1) clip.
One heat emitter requires (2) fins and (2) clips.

SIZE	STOCK NO	EACH
10"	UF4010	1.84



Ultra-Fin Snake Hanger

MODEL	STOCK NO	EACH
SN-312	SN312	.54

REHAU Radiant Heating Systems (00dr)

rehau.com

Rehau Pex Tubing

Rehau uses the Engle method (recognized as the best process) for crosslinking pex pipe and is fully 85-87% crosslinked. Rehau's crosslinking (peroxide type) is done at the same time that pipe extrusion occurs, so you have even consistency along every pipe length. This gives Rehau more flexibility and is easier to bend, with the best chemical and heat resistance.



Raupex Barrier O_2 Pipe

SIZE	STOCK NO	EACH
3/8" x 500'	136008500	414.35
1/2" x 300'	136031300	220.30
1/2" x 1000'	136031000	734.34
5/8" x 300'	136880300	300.06
5/8" x 400'	136880400	400.08
5/8" x 1000'	136880000	1000.19
3/4" x 500'	136051500	585.39
3/4" x 100'	136051100	117.08
3/4" x 300'	136051300	351.26
3/4" x 1000'	136051000	1170.76
1" x 100'	136011100	216.55
1" x 500'	136011500	1082.66
1 1/4" x 100'	136283100	361.79
Straight Lengths		
3/4" x 20'	136051020	23.42
1" x 20'	136011020	43.31
1 1/4" x 20'	136283020	72.36
1 1/2" x 20'	136293020	103.73
2" x 20'	136303020	175.89



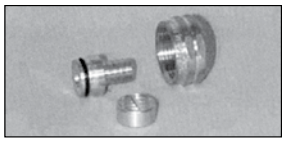
RAUPANEL System Components

SIZE	STOCK NO	EACH
RAUPANEL		
6" x 72"	235307	48.84
Plywood Return Bend		
9" x 48"	235337PLY	42.17
2" Furring Strip		
2" x 48"	235377PLY	5.93

Raupex Heat Transfer Plate

SIZE	STOCK NO	EACH
1/2"	298926001	32.08

See pages 908-912 for Hydronic Controls & Accessories.



Raupex Manifold Connections

DESCRIPTION	STOCK NO	EACH
1/2"Raupex x Pro-Bal. Manifold	261007	11.76
5/8"Raupex x Pro-Bal. Manifold	267557	12.51
3/4"Raupex x Pro-Bal. Manifold	267007	16.03

Manifold 90° Angle

DESCRIPTION	STOCK NO	EACH
1" BSPP	250214	31.85

Manifold Gasket

STOCK NO	EACH
250203G	4.68



Brass Cap

Used to cap off extra manifold outlets

STOCK NO	EACH
250209C	9.76



Pro-Balance Stainless Steel Manifolds

- Gauge on each circuit of supply header reads in fractional gallons per minute, allowing quick, simple, and accurate balancing of each circuit.
- Tamper resistant circuit balancing valve(1.6Cv)
- Extruded Brass construction
- Air Vent
- Supply and return unions accept standard pipe thread
- Shipped completely assembled, ready to install (including mounting brackets) with supply and return shut-off unions, vents and fill ports

1" Pro-Balance Manifold with Gauges

DESCRIPTION	STOCK NO	EACH
2 circuit	381102	287.22
3 circuit	381103	338.92
4 circuit	381104	390.63
5 circuit	381105	448.06
6 circuit	381106	511.23
7 circuit	381107	562.94
8 circuit	381108	608.89
9 circuit	381109	677.83
10 circuit	381110	718.05
11 circuit	381111	775.48
12 circuit	381112	832.93



Nickel Plated Raupex Manifold Connections

DESCRIPTION	STOCK NO	EACH
3/8"Raupex x Pro-Bal. Manifold	418315	10.21
1/2"Raupex x Pro-Bal. Manifold	418317	8.74
5/8"Raupex x Pro-Bal. Manifold	418318	10.92
3/4"Raupex x Pro-Bal. Manifold	418319	15.86



Stainless Steel Manifold Unions

Used to join two manifolds together

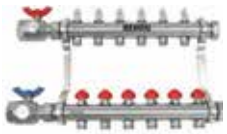
DESCRIPTION	STOCK NO	EACH
1" BSPP	316258	56.21



Stainless Steel Manifold End Cap

Used to cap off end of manifold header while eliminating usual end pieces

STOCK NO	EACH
316248	10.93



Pro-Balance XL Stainless Steel Manifolds

1¼" NPT supply and return manifold isolation ball valves with thermometer sockets and flat gaskets.
Two 1¼" BSPP end caps with gaskets.
Visual flow gauges (0-4 GPM) on supply side.
Circuit balancing/isolation valves on return side.
Mounting brackets, screws and vent key.

DESCRIPTION	STOCK NO	EACH
4 circuit	*343375001*	*469.75*
5 circuit	*343376001*	*564.01*
6 circuit	*343377001*	*641.78*
7 circuit	*343378001*	*709.92*
8 circuit	*343379001*	*786.15*

XL Stainless Steel Manifold Union Set

SIZE	STOCK NO	EACH
Pair		
1¼"	*343627001*	*356.93*



Pro-Balance Air Vent/Boiler Drain

Includes union nuts, gaskets and caps.
Opens with ¼" turn key supplies with Manifold.

DESCRIPTION	STOCK NO	EACH
Brass	*250226*	*94.47*



Pro-Balance Brass Manifold Adapter

BSPP Female x Male BSPP Adapter for use with Manifolds to transition to Air Vent / Boiler Drain

SIZE	STOCK NO	EACH
1¼" x 1" with 1¼" gasket	*343628001*	*50.75*

Raupex Speed

- RAUPEX® SPEED hook-and-loop system is used in floors to efficiently and evenly distribute heat/cold from REHAU RAUPEX SPEED pipe into the room.
- System can be installed in concrete slab on grade, suspended slab or in a thin slab overpour.
- No Drilling or anchoring to surface
- Easy to adjust pipe layout
- No Specialized tools required
- Speeds installation by as much as 30%



Raupex O_2 Hook & Loop Barrier Pipe

SIZE	STOCK NO	EACH
½" x 300'	*160950300*	*410.77*
½" x 1000'	*160950001*	*1369.23*



Raupex Speed Door Spreader

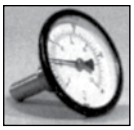
SIZE	STOCK NO	EACH
22.4" x 37.8"	*104027001*	*190.93*



Rehau Manifold Valve Actuator

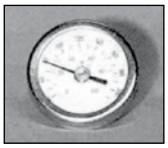
4-wire manifold valve actuator for use with PRO-BALANCE® manifolds

STOCK NO	EACH
260166002	*55.63*



Thermometers

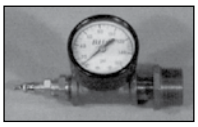
STOCK NO	EACH
¾" with ¾" Solder Well Fitting	
260967	*91.90*



Rehau Mini-Thermometer

Fits 1" NPT Valves.

STOCK NO	EACH
250218	*21.53*



Air Pressure Tester

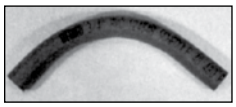
Allows convenient connection to air hose

STOCK NO	EACH
257334	*75.02*



Rehau Temperature/Pressure Gauge

STOCK NO	EACH
266417	*61.62*



PVC Bend Guides

SIZE	STOCK NO	EACH
⅜, ½"	*266170*	*3.31*
⅝, ¾"	*266175*	*6.03*

PVC Bend Support

SIZE	STOCK NO	EACH
1"	*266180*	*10.62*



Steel Support Bend

SIZE	STOCK NO	EACH
⅜, ½"	*258408*	*3.28*
⅝"	*258798*	*4.86*
¾"	*257249*	*6.10*



(02)
Malco Pex Tubing Uncoiler

STOCK NO	EACH
MAUC1	1068.40



Rehau Turntable Uncoiler

STOCK NO	EACH
424865001	2917.61



RAUGEO Pipe
Vertical Ground Loop Installation
Double U-Bend PEX A Pipe

SIZE	STOCK NO	EACH
Total - 1040' of Gray Pipe		
1" x 520' LOOP	630366924	1566.04
Total - 1240' of Gray Pipe		
1" x 620' LOOP	630366324	1793.28

RAUGEO
U-Bend Spacers

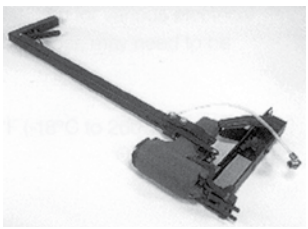
SIZE	STOCK NO	EACH
1"	222858001	6.14



Outdoor Wood Boiler (OWB) Insulated RAUPEX Pipe
Specially designed for the efficient transfer of hot water from outdoor wood boilers to residential and light commercial buildings such as barns and workshops. A flexable alternative to rigid pipe.

SIZE	STOCK NO	EACH
1" x 100'	298406001100	1775.40
1" x 300'	298406001300	5324.17

Cable Ties on page 649



Pneumatic Stapler

STOCK NO	EACH
261016RENTAL	Call for Pricing

1¼" Staples

PACK SIZE	STOCK NO	EACH
10,000 Pack	261016STAPLE	324.48
1,000 Pack	261016STAPLEM	32.42

NOTE : Unused staples will not be accepted for return in quantities of less than 1,000.



RAUTACKER 3D Stapler Tool

STOCK NO	EACH
298956	776.84

RAUTACK 3D Foam Staples

SIZE	STOCK NO	EACH
1⅜" (400 Pack)	298966	75.45
2⅜" (400 Pack)	298196	91.88

NOTE : Unused staples will not be accepted for return in quantities of less than 400.

RAUTACK Foam Staples

SIZE	STOCK NO	EACH
1½" (300 Pack)	266187	53.47
2¼" (300 Pack - Taped)	266197	72.34

NOTE : Unused staples will not be accepted for return in quantities of less than 300.



(40)
Malco Foam Stapler Tool

STOCK NO	EACH
MAFBSN	440.06
MAFBSNRENTAL	Call for Pricing
Malco Foam Staples	
MAFBSN2	41.69



RIIFO Oxygen Barrier PEX Tubing Red Coils
Oxygen barrier PEX tubing is designed to prevent the oxygen molecules into the underfloor heating system. RIIFO oxygen barrier tubing meets the requirements of ASTM F876, F877 and CSA B137.5 and are ideal for laying under-floor pipe circuits.

SIZE	STOCK NO	EACH
½" x 300'	RI12X300	116.55
½" x 1000'	RI12X1000	388.50
⅝" x 400'	RI58X400	210.90
⅝" x 500'	RI58X500	263.63
¾" x 300'	RI34X300	227.55



(40)
PEX-Pal

DESCRIPTION	STOCK NO	PRICE
Tubing Organizers	AXPEX40	8.82
End Plates	AXEP10	6.30



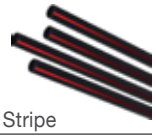
(40)
Hydro-NODE

SIZE	STOCK NO	PRICE
3 - ½" FNPT Ball Valve Connections 2 - ¼" FNPT Connections	AXHN2	107.86

ViegaPEX Barrier Pipe

Coil - Black with Red Stripe
Excellent for hydronic radiant heating applications.
160PSI@73°F •ASTM F 876/877 • INSF/ANSI 14 & 67

SIZE	STOCK NO	EACH
5/16" x 250'	HV11400	180.00
1/2" x 300'	HV11425	152.89
1/2" x 1000'	HV11436	509.63
1/2" x 1200'	HV11435	611.56
5/8" x 500'	HV11445	312.89
3/4" x 300'	HV11457	248.89
3/4" x 500'	HV11458	414.82
3/4" x 800'	HV11460	663.70
3/4" x 1000'	HV11462	829.63
1" x 150'	HV11465	266.67



ViegaPEX Barrier Pipe

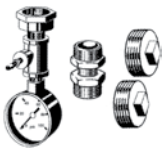
Straight Lengths - Black with Red Stripe

SIZE	STOCK NO	EACH
3/4" x 20'	HV11500	16.60
1" x 20'	HV11505	35.56
1 1/4" x 20'	HV11510	56.32
1 1/2" x 20'	HV11515	96.80



Rapid Grid Barrier Panel

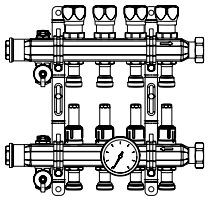
SIZE	STOCK NO	EACH
2' x 4' Panel	HV15216	24.33



System Pressurization Kit

For Viega NA stations and manifolds.
Connects to purge valve or SVC fittings.
(2) 1" NPT plugs included for testing manifolds.

DESCRIPTION	STOCK NO	EACH
0 - 100 psi	HV21210	86.22



1 1/4" Stainless Steel Manifolds

1 1/4" NPT diameter supply/return manifolds come with 6 5/8" spacing brackets for compact mounting. System provides balancing and shut-off valves.

DESCRIPTION	STOCK NO	EACH
2 Outlet	HV15900	264.64
3 Outlet	HV15901	277.51
4 Outlet	HV15902	347.51
5 Outlet	HV15903	399.36
6 Outlet	HV15904	459.26
7 Outlet	HV15905	523.74
8 Outlet	HV15906	584.28

Manifold Outlet Cap

Stainless Steel

SIZE	STOCK NO	EACH
1"	HV15054	6.16

Manifold Ball Valve Set

Stainless Steel

SIZE	STOCK NO	EACH
1 1/4" x 1"	HV15056	71.96

Manifold Powerhead

Stainless Steel • 4 Wire

STOCK NO	EACH
HV15064	67.75



SVC Compression Pex Adapters

Attaches PEX tubing to Viega NA manifolds or other SVC connections.
PEX x SVC

SIZE	STOCK NO	EACH
5/16"	HV19007	8.81
3/8"	HV19008	10.11
1/2"	HV19009	8.57
5/8"	HV19010	10.03
3/4"	HV19011	18.12

SVC Adapter

PEX x SVC • Sleeve INCLUDED

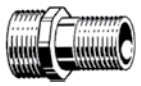
SIZE	STOCK NO	EACH
5/16"	HV89407	8.96
1/2"	HV89409	8.58



3/4" Zone Valve

Press connection, PEX Press outlet connection

FINISH	STOCK NO	EACH
Bronze	HV17234	142.22



Male Adapter

MNPT x SVC

DESCRIPTION	STOCK NO	EACH
1/2"	HV19109	6.46
3/4"	HV19110	7.62



SVC Coupling

SVC x SVC

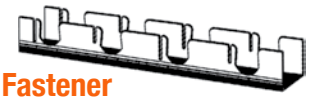
DESCRIPTION	STOCK NO	EACH
1/2" Coupling	HV19012	5.72



SVC Coupling

PEX x PEX

SIZE	STOCK NO	EACH
5/16"	HV19013	15.06
1/2"	HV19015	27.51
5/8"	HV19016	25.17
3/4"	HV19017	72.03



U-Channel Fastener

Tubing insertion points every 2 inches.

DESCRIPTION	STOCK NO	EACH
1/2" PEX - 6 1/2'	HV15310	10.10



Climate Panels

Used as a grid system to integrate 5/16" PEX tubing into the floor. Constructed of CDX fir plywood with an aluminum heat transfer sheet underneath.

DESCRIPTION	STOCK NO	EACH
7" x 48"	HV14021	15.70
U-Turn Strip	HV14035	22.09

Heat Transfer Plates

Heavy gauge aluminum heat transfer plates for 3/8" & 1/2" tubing, 4" wide x 8' long.

DESCRIPTION	STOCK NO	EACH
3/8" Groove	HV15207	25.57
1/2" Groove	HV15208	27.09

For additional Press Fittings & Adapters see page 1216

NOTE:
CORRECT FLOW CENTER SELECTION
IS BASED ON THE GEO FIELD IT WILL BE USED ON
(Flow required, pipe sizes and lengths)
One heat pump and one loop field requires a single circuit flow center.
Two heat pumps and one loop field requires a two circuit flow center.

NOTE:
All H_2O units must be installed with a buffer tank of 10 gallons per nominal ton size with a recommended minimum of 1¼" porting & piping.

Zilmet Buffer Tank



ZBT Buffer Tanks

Ideal solution to integrate variable demands, small loads and mixed flows in high-efficiency heating and chilled water systems.
Providing thermal mass and hydraulic separation to minimize cycling, simplify installation and reduce energy use.

- Optimal capacity for high efficiency boilers in most residential and light-commercial applications
- Compact footprint, flush-mount fittings and side-facing sensor well for a streamlined installation
- Air vent, drain and temperature sensor ports
- Hardware kit includes bottom legs and wall-mount brackets for installation flexibility
- Closed-cell urethane insulation and bonded jacket eliminate condensation problems in chilled-water applications
- Max Presure 60 psig, Max Temp. 200° F
- 5 Year Warranty

HEIGHT	DIAMETER	CAPACITY US GALLONS	PRIMARY/SECONDARY CONNECTIONS	DRAIN CONNECTIONS	STOCK NO	PRICE
39½"	14"	14	1¼" NPTF	¾" NPTF	ZBT14	534.01



BUFFMAX

Not suitable for non-oxygen barrier tubing
Premium high capacity air eliminator (½" NPT).
2 ½" diameter temperature and pressure indicator on the front.

HEIGHT	DIAMETER	CAPACITY US GALLONS	PRIMARY/SECONDARY CONNECTIONS	DRAIN CONNECTIONS	STOCK NO	PRICE
56"	18"	30	1½" MNPT	¾" NPT	BUFF30	1440.37
57"	22"	50	2" MNPT	¾" NPT	BUFF50	1675.78
71"	24"	80	2½" MNPT	¾" NPT	BUFF80	2390.76
72½"	28"	119	3" MNPT	¾" NPT	BUFF120	3010.22

(27)

Pleated HE 40 Air Filters

FOR USE WITH	STOCK NO	EACH
4 Ton	26X26X1PLFI	23.06
5-6 Ton	26X30X1PLFI	25.59



Flow Centers

CIRCUITS	NO. PUMPS	TANK TYPE	CONNECTION TYPE	STOCK NO	PRICE
NO PUMPS - Field assembly required.					
1	0	PVC	1"	GT1NPFC	1108.80
2	0	Stainless Steel	1¼"	EAKFCSS	1489.95
QT Flow Centers					
1	1	PVC	1"	1230QFCM	1451.84
1	2	PVC	1"	2230QFCM	1697.85
2	4	Stainless Steel	1¼"	22EASS230QFCM	3184.34
XT Flow Centers					
Designed for 7.5-12 ton GeoThermal units. Contains (2) UP43-100 pumps					
1	2	Stainless Steel	1¼"	2230XTSS	2823.98

Consult the GeoThermal Department for flow center sizing assistance.

(24)

G2-116F Pump

QT Series Flow Centers ONLY

DESCRIPTION	STOCK NO	EACH
230v	G2116F	448.00

(21)

1" Flowmeter

STOCK NO	EACH
LDF359T1	188.13

(21)

"O" Rings

SIZE	STOCK NO	EACH
Large	LDFLO	2.51
Small	LDFSO	2.72

Geothermal Heating Systems (22)

residential.tetcogeo.com



ES4-W Series Water to Water System

- Radiant floor ready
- Flow switch protected
- Optional hot water generator (desuperheater)
- Copeland® UltraTech® two-stage scroll compressor
- Digital controls
- Oversized copper coaxial heat exchangers
- Rugged powder coated cabinet
- Insulated refrigerant circuit
- 1" FPT fittings

R410a refrigerant • Two Stage • 208-230V/1PH/60Hz

SIZE	STOCK NO	EACH
3 Ton	TWT036G11AAACSS	8865.91
4 Ton	TWT048G11AAACSS	10173.52
5 Ton	TWT060G11AAACSS	10988.03

MODEL NUMBER	CAPACITY	COOLING		HEATING	
		BTU/HR	EER	BTU/HR	COP
TWT036	Full load	42,000	16.0	36,400	3.0
TWT036	Part load	33,300	20.6	29,200	3.1
TWT048	Full load	49,400	15.1	44,100	3.0
TWT048	Part load	38,800	19.2	35,700	3.1
TWT060	Full load	57,800	14.6	53,200	3.0
TWT060	Part load	46,100	18.1	44,400	3.1

Flo-Link

For TWT060D & TWT048D Models

Double o-ring x 1" FPT

STOCK NO	EACH
GF3326	50.16

Hydronic Cased Coils

BTUH	STOCK NO	EACH
36,000	MCH036AST	1301.22
60,000	MCH060AST	2095.15



Model Number	Size (tons)	All Dimensions in Inches		
		Width	Depth	Height
MCH036	3	21"	21"	24"
MCH060	4 - 6	24 ½"	21 ½"	34"

Accessories

northernheatpump.com

Pressurized Flow Centers

Foamed Cabinet. Brass 3-way purge valve.



PUMP	STOCK NO	EACH
UP26-116F		
1	GF1055	1167.54
2	GF1056	1531.86
3	GF1231	1954.26
4	GF1232	2248.62

Silent Base Rubber Pad

SIZE	STOCK NO	EACH
27" x 34¾"	RPAD27351	133.39

RAP Switch

Reverse Acting Switch opens when water pressure drops

STOCK NO	EACH
69WR5	82.75

(02)

Spin Down Filter

1" SxS 40 Mesh

STOCK NO	EACH
140F	50.43

Hose Kit

1" FPT x 12' - Includes Fitting

STOCK NO	EACH
GF1101	162.36

(02)

Replacement Element

For Use With 1" 140F

STOCK NO	EACH
FS140	13.18

Concentric Water Fitting

Not For Marathon Water Heaters

STOCK NO	EACH
CWF	96.10

(08)

Adjustable Check Valves

MXF. Sch. 80 PVC

SIZE	STOCK NO	EACH
¾"	34PVAJCV	21.88
1"	1PVAJCV	33.87

Geothermal Heating Systems (22)

BOSCH
Invented for life

bosch-climate.us



Split Heat Pump Condensor Section

R410a refrigerant, Copeland ultratech two-stage unloading compressor, white cabinet, copper heat exchanger.

Two Stage • 208-230/1/60 • For use with BMAC Series Coils

SIZE	STOCK NO	EACH
3 Ton	SM0361CSCF	5910.96
4 Ton	SM0481CSCF	6558.82
5 Ton	SM0601CSCF	7447.97

DX Series Vertical "A" Coils

For use with TA Series Condensers

SIZE	STOCK NO	EACH
Cased Coils • R410A		
4 Ton (SM048)	7738002734	1118.30
5 Ton (SM060)	7738002735	1491.60
Un-Cased Coils • R410A		
3 Ton (SM036)	7738002738	781.97
5 Ton (SM060)	7738002740	1424.54
BMAC Series Cased Coils		
3 Ton (SM036)	BMAC3036BNTD	822.10
4 Ton (SM048)	BMAC4248CNTF	1105.10
5 Ton (SM060)	BMAC4860CNTF	1258.75

RP Series Heat Pump Vertical Upflow Water to Air Packaged Units

NEW ITEM



- Low GWP Ready (R-454B Refrigerant)
- ECM Constant Airflow Blowers
- 2" MERV 8 filter with 4-sided filter rack
- ½" Closed Cell Foam Insulation
- TXV (Thermal Expansion Valve)
- DuoGuard™ Evaporator Coil
- Electronic Circuit Board UPM
- 75 VA Transformer
- 10 year all parts limited warranty
- 10 year compressor limited warranty

Two Stage • 208-230/60/1 • COPPER HEAT EXCHANGER

SIZE	RETURN AIR LOCATION	STOCK NO	PRICE
3 TON	LEFT-HAND	RP0361VTCLLTADA	9996.10
3 TON	RIGHT-HAND	RP0361VTCLRTADA	9996.10
4 TON	LEFT-HAND	RP0481VTCLLTADA	10882.08
4 TON	RIGHT-HAND	RP0481VTCLRTADA	10882.08
5 TON	LEFT-HAND	RP0601VTCLLTADA	11721.60
5 TON	RIGHT-HAND	RP0601VTCLRTADA	11721.60

Hydronic Air Handler Water Coil

Field installed Electric Kits Available

Vertical or Horizontal • ECM Motor

SIZE	STOCK NO	EACH
3 Ton	7738002717	2440.94
4 Ton	7738002718	2954.16
5 Ton	7738002719	3321.65

Booster

For 35 PSI Pressurized Systems
Maintains minimum loop pressure of 35#

STOCK NO	EACH
7738000334	616.70

TW Series Water to Water Heat Pumps



R410a refrigerant, Copeland ultratech two-stage unloading compressor, white cabinet, desuperheater.

Two Stage • 208-230/60/1

SIZE	STOCK NO	EACH
4 Ton	TW0491CSCFXX	9287.52

TW Series Water to Water Heat Pumps

NEW ITEM

- Low GWP Ready (R-454B Refrigerant)
- Copper SideCoaxial Water Coil
- Refrigerant Leak Detection Sensor

Two Stage Compressor • 208-230/60/1

SIZE	STOCK NO	EACH
3 Ton	TW0351CSCFXX	8336.59
5 Ton	TW0611CSCFXX	11188.32

SM Series & Accessories

NOTE:
The New Revision RP & SM Vertical units do NOT come with the KW Electric or Pump Relay installed. These are now field installed. Check the unit description to verify and order separately as needed.



Greensource SM Series Vertical Upflow Water to Air Packaged Units

R410-A refrigerant, ECM blower motors, constant CFM motor, desuperheater, LCD display, water connections in front, dual-gaurd aluminum evaporator coil, and increased serviceability.

Two Stage • 208-230/1/60 • COPPER HEAT EXCHANGER

SIZE	RETURN AIR LOCATION	STOCK NO	PRICE
3 TON	RIGHT-HAND	SM0361VTCFRT	9996.10
5 TON	RIGHT-HAND	SM0601VTCFRT	11721.60

SmartStart Assist Kit

STOCK NO	EACH
8733957159	660.00

Internally Mounted Electric Heat Kits

7738003207 not available for SM036

KW HEATER - 208/230V	STOCK NO	EACH
7.8/9.6 kW	8733952088	278.78
10.8/14.4 kW	8733960684	469.39
14.4/19.2 kW	8733960685	531.17

Pump/Valve Relay

STOCK NO	EACH
8733951906	120.38

Centrotherm Vent Systems (324b)

centrotherm.us.com

(324c for 6"-12" ONLY)

InnoFlue® Vent Lengths



InnoFlue never requires glues, solvents or primers. Each component has a socket, and a male/female fitting connection. Apply Centrocerin lubricant and push together.

SIZE	STOCK NO	EACH
12" Lengths		
2" with Long Socket	ISVL02125	9.99
3" with Long Socket	ISVL03116	15.33
4" with Long Socket	ISVL0419	43.74
6"	ISVL0614	124.76
8"	ISVL081	181.89
10"	ISVL101	220.04
24" Lengths		
2" with Long Socket	ISVL02225	15.26
3" with Long Socket	ISVL03216	27.09
4" with Long Socket	ISVL0429	61.12
6"	ISVL0624	153.18
8"	ISVL082	209.53
10"	ISVL102	283.89
12"	ISVL122	622.40
36" Lengths		
2" with Long Socket	ISVL02325	19.19
3" with Long Socket	ISVL03316	40.07
4" with Long Socket	ISVL0439	86.30
6"	ISVL0634	241.56
8"	ISVL083	261.84
10"	ISVL103	426.77
12"	ISVL123	702.41
72" Lengths		
2" with Long Socket	ISVL02625	27.38
3" with Long Socket	ISVL03616	53.46
4" with Long Socket	ISVL0469	122.10
6"	ISVL0664	345.69
8"	ISVL086	485.93
10"	ISVL106	769.27
12"	ISVL126	985.15
108" Lengths		
12"	ISVL129	1477.75
120" Lengths		
2" with Long Socket	ISVL021016	41.71
3" with Long Socket	ISVL03109	82.54
4" with Long Socket	ISVL0410	188.39
6"	ISVL06104	472.39
8"	ISVL08102	689.82
10"	ISVL1010	1283.58



(324c for 6"-12" ONLY)

45° Elbows

SIZE	STOCK NO	EACH
2" with Long Socket	ISELS024520	13.05
3" with Long Socket	ISELS034512	22.84
4" with Long Socket	ISELS04456	41.43
6"	ISEL06452	118.71
8"	ISELS0845	204.23
10"	ISEL1045	401.13
12"	ISEL1245	806.31



(324c for 6"-12" ONLY)

87° Elbows

SIZE	STOCK NO	EACH
2" with Long Socket	ISELS028720	13.05
3" with Long Socket	ISELS038712	23.76
4" with Long Socket	ISELS04876	41.43
6"	ISEL06872	118.73
8"	ISELS0887	236.91
10"	ISEL1087	565.44
12"	ISEL1287	1108.25



Centrocerin Lubricant

A water based lubricant used to ease the assembly of InnoFlue® SW & Flex. Applied to both the gasket and male end of InnoFlue® components.

SIZE	STOCK NO	EACH
50 ml.	IACE50100	10.04



(324c for 6" ONLY)

Tees

SIZE	STOCK NO	EACH
3"	IST03	118.22
4"	IST04	233.49
6"	IST06	306.95
10"	IST10	355.84
12"	IST12	915.17



(324c)

Velocity Cones

SIZE	STOCK NO	EACH
4" to 3"	ISVC0403	88.88
6" to 4"	ISVC0604	123.71
8" to 6"	ISVC0806	229.71



(324c for 4" to 6"-10" to 12" ONLY)

Centric Increaser

Transitions vent system to a larger diameter.

SIZE	STOCK NO	EACH
2" to 3"	ISIA0203	33.83
3" to 4"	ISIA0304	40.03
4" to 6"	ISIA0406	245.50
6" to 8"	ISIA0608	252.44
8" to 10"	ISIA0810	269.27
10" to 12"	ISIA1012	415.97



(324c for 6" to 4"-12" to 10" ONLY)

Centric Reducer

Transitions vent system to a smaller diameter.

SIZE	STOCK NO	EACH
3" to 2"	ISRD0302	30.68
4" to 3"	ISRD0403	95.28
6" to 4"	ISRD0604	197.24
8" to 6"	ISRD0806	226.87
10" to 8"	ISRD1008	277.00
12" to 10"	ISRD1210	883.51



(324c for 6" & 8" ONLY)

Support Clamps

Used as vertical or horizontal support. Space 78" in vertical and 39" in horizontal installations. Uses ⅜ threaded rod.

SIZE	STOCK NO	EACH
2"	IASCM0220	15.62
3"	IASCM0320	18.75
4"	IASCM0420	23.44
6"	IASCM0620	30.75
8"	IASCM0820	31.64



(324c for 6"-12" ONLY)

Connector Rings

Supports loads of up to 99 lbs.

SIZE	STOCK NO	EACH
2"	IANS02100	5.95
3"	IANS0375	10.77
4"	IANS0450	12.50
6"	IANS06	29.77
8"	IANS08	37.49
10"	IANS10	45.25
12"	IANS12	73.99



Flue Clamp

Secures ISAGL appliance adaptors to appliance flue collar.

SIZE	STOCK NO	EACH
2"	IAFC02	22.95
3"	IAFC03	30.96



Appliance Adapter

PVC to PPS with Gasket

SIZE	STOCK NO	EACH
2"	ISAGL020210	25.04
3"	ISAGL030312	59.46
4"	ISAGL04048	76.93



(324c for 6" ONLY)

Appliance Adaptor

for Flue Collars with Hose Clamp

Adapts a female PVC/CPVC sized appliance collar with integrated gasket to InnoFlue® SW diameters

SIZE	STOCK NO	EACH
2"	ISAAL020224	25.04
3"	ISAAL030312	59.46
4"	ISAAL04048	75.42
6"	ISAAL0606	155.22



(324c for 6"-12" ONLY)

Commercial Appliance Adaptor

Adapts stainless steel flue outlets to InnoFlue® may require a vibration isolation boot.

SIZE	STOCK NO	EACH
4"	ISSA0404	105.93
6"	ISSA0606	213.29
8"	ISSA0808	256.23
10"	ISSA1010	286.10
12"	ISSA1212	564.18



(324c for 6" ONLY)

Appliance Adapters

SIZE	STOCK NO	EACH
For KBN Series and Navien NFB-C		
3"	ISAALE0303	97.61
For KHN and KBX Series		
4"	ISAALE0404	110.77
For KBX Series		
6"	ISAALE0606	173.81

Centrotherm Vent Systems (324b)

centrotherm.us.com



Concentric Wall Termination

Made from PPs-UV outer and PPs-UV inner, the Concentric wall termination incorporates flue gas termination and combustion air intake. Use with InnoFlue® Concentric or with InnoFlue® SW by adding an ICTC adaptor. Includes support clamp and wall plates.

DIAMETERS	STOCK NO	EACH
2" / 4"	ICWT242	125.88
3" / 5"	ICWT352	135.88



(324c for 6"-12" ONLY)

Horizontal Drain Fitting

Use with any InnoFlue® siphon. Placed at the end of the last Branch Tee in a cascade configuration, the Horizontal Drain Fitting removes condensate from the system & allows for inspections & system clean out. 32mm O.D. drain.

SIZE	STOCK NO	EACH
3"	ISHDF03	170.05
4"	ISHDF04	188.14
6"	ISHDF06	327.64
8"	ISHDF08	461.68
10"	ISHDF10	598.41
12"	ISHDF12	749.87



(324c for 6"-12" ONLY)

Tee Cap with Drain

Use with any InnoFlue® siphon to drain condensate from the vent system.

SIZE	STOCK NO	EACH
3"	ISTCD03	153.53
4"	ISTCD04	161.62
6"	ISTCD06	256.23
8"	ISTCD08	260.85
10"	ISTCD10	269.27
12"	ISTCD12	343.11

Centrotherm



Flex Chimney Kits

- Base Support
- SW to Flex Coupler (2" only)
- Flex End Pipe
- Chimney Cover
- Connector Ring
- Spacers
- Centrocerin® Lubricant

SIZE	STOCK NO	EACH
2" x 25'	IFCK0225	666.63
2" x 50'	IFCK0250	911.31
3" x 25'	IFCK0325	670.13
3" x 50'	IFCK0350	976.04
4" x 25'	IFCK0425	1003.62
4" x 50'	IFCK0450	1723.95



Twin Pipe / Concentric Reversible Adaptor

Reversible adaptor transitions between InnoFlue® SW and InnoFlue® Concentric. Reducer and vent length included.

DIAMETERS	STOCK NO	EACH
2" / 4"	ICTCR24	95.91



Twin Pipe / Concentric Reversible Adaptor

Reversible adaptor transitions between InnoFlue® SW and InnoFlue® Concentric.

DIAMETERS	STOCK NO	EACH
3" / 5"	ICCT3503	155.46



Universal Ball Valve Siphon

Attaches to any InnoFlue® drain to allow condensates to flow while unique ball valve assures combustion gases remain contained at higher temperatures. Comes with and can be installed with a barbed or compression fitting.

HEIGHT	WIDTH	LENGTH	STOCK NO	EACH
6.5"	4.5"	1.9"	IASJBVS	66.91



(324c for 6"-12" ONLY)

Bird Screens

PPS-UV Black

SIZE	MATERIAL	STOCK NO	EACH
2"	PPS-UV Black	IASPP0220	14.19
3"	PPS-UV Black	IASPP0320	24.97
4"	PPS-UV Black	IASPP04	30.55
6"	PPS-UV Black	IASPP06	58.90
8"	Stainless Steel	IASSS08	210.36
10"	Stainless Steel	IASSS10	252.44
12"	Stainless Steel	IASSS12	326.77

(324c)

InnoFlue® Tankless Total Install Kit

- Inspector Tag with Zip Tie
- (2) InnoFlue® Quick Guides
- InnoFlue® Installation & Operation Manual
- Intake/Exhaust Stickers
- (4) Long Sweep 87° Elbows
- (6) 24" Vent Lengths
- (2) 12" Vent Lengths
- (10) Connector Rings
- (8) Support Clamps
- Low Profile Wall Termination
- Centrocerin Lubricant

SIZE	STOCK NO	EACH
2"	IMTT2021	404.38



(324c for 6 x 36" ONLY)

Branch Tees

42° Y allows for the cascading or common venting of appliances.

SIZE	FEEDER	STOCK NO	EACH
3 x 36"	2"	ISBT030236	149.70
4 x 36"	2"	ISBT040236	161.62
6 x 36"	2"	ISBT060236	260.01

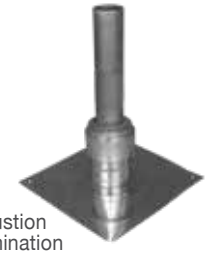


(324c)

Roof Flashing

Watertight flashing prevents leaks. Integrates easily with all InnoFlue Components.

SIZE	PITCH	STOCK NO	EACH
6"	Flat	IAFRF06	462.79
8"	Flat	IAFRF08	477.93
6"	3/12	IAPRF0603	497.74
6"	3/12	IAPRF0803	542.95



(324c)

Chimney Cover

Stainless steel termination with polypropylene end pipe incorporates a combustion air intake and flue gas termination in a single assembly.

SIZE	STOCK NO	EACH
6"	ISCM06	742.20
8"	ISCM08	875.09

"Metalbestos" Pipe and Fittings (28)

Gas Vent

selkirkcorp.com



Type RV Round Pipe

SIZE	STOCK NO	EACH
5' Lengths		
3"	3X5RV	39.21
4"	4X5RV	47.43
5"	5X5RV	55.02
6"	6X5RV	64.62
7"	7X5RV	98.63
8"	8X5RV	113.24
4' Lengths		
3"	3X4RV	31.80
4"	4X4RV	39.72
5"	5X4RV	46.28
6"	6X4RV	53.92
7"	7X4RV	83.57
8"	8X4RV	93.05
3' Lengths		
3"	3X3RV	24.39
4"	4X3RV	30.48
5"	5X3RV	35.97
6"	6X3RV	42.02
7"	7X3RV	68.32
8"	8X3RV	76.52
2' Length		
3"	3X2RV	20.08
4"	4X2RV	22.39
5"	5X2RV	27.38
6"	6X2RV	32.69
7"	7X2RV	53.27
8"	8X2RV	59.70
18" Lengths		
3"	3X18RV	15.14
4"	4X18RV	17.98
5"	5X18RV	20.73
6"	6X18RV	23.62
7"	7X18RV	38.82
8"	8X18RV	46.73
12" Lengths		
3"	3X12RV	12.61
4"	4X12RV	14.88
5"	5X12RV	17.58
6"	6X12RV	19.45
7"	7X12RV	30.14
8"	8X12RV	34.84
6" Lengths		
3"	3X6RV	12.20
4"	4X6RV	13.26
5"	5X6RV	15.18
6"	6X6RV	18.62



RV Adjustable Length

SIZE	STOCK NO	EACH
Type RV-12"		
3"	3X12ARV	16.10
4"	4X12ARV	19.12
5"	5X12ARV	21.69
6"	6X12ARV	24.62
7"	7X12ARV	32.27
Type RV-18"		
4"	4X18ARV	29.58
5"	5X18ARV	32.69

Class B chimney
is double wall pipe requiring 1" min. to combustible material. Inner pipe is aluminum.

Type RV
is 3" through 8" round pipe. Outside diameter is approx. ½" larger than the inside diameter.

Type R
is 10" through 48" round pipe. Outside diameter is approx. 1" larger than the inside diameter.

Type R Round Pipe

SIZE	STOCK NO	EACH
36" Lengths		
10"	10R36	191.42
12"	12R36	228.04
14"	14R36	379.31
16"	16R36	546.04
18"	18R36	674.15
18" Lengths		
10"	10R18	128.39
12"	12R18	151.62
14"	14R18	283.29
16"	16R18	353.92
18"	18R18	411.74



Type R Adjustable Length

SIZE	STOCK NO	EACH
18" Lengths		
10"	10R18A	190.06
12"	12R18A	193.11



90° Adjustable Elbow

Type RV

SIZE	STOCK NO	EACH
3"	3RVL	32.88
4"	4RVL	39.86
5"	5RVL	46.74
6"	6RVL	55.91
7"	7RVL	93.13
8"	8RVL	99.10



45° Adjustable Elbow

SIZE	STOCK NO	EACH
Type RV		
3"	3RV45L	19.69
4"	4RV45L	23.31
5"	5RV45L	27.38
6"	6RV45L	32.83
7"	7RV45L	50.01
8"	8RV45L	57.58
Type R		
10"	10R45L	188.17
12"	12R45L	200.71
14"	14R45L	314.87



Tee

SIZE	STOCK NO	EACH
Type RV		
3"	3RVT	48.57
4"	4RVT	50.41
5'	5RVT	54.96
6"	6RVT	59.13
7"	7RVT	68.71
8"	8RVT	94.48
Type R		
10"	10RTEE	335.51
12"	12RTEE	344.70
14"	14RTEE	612.99
16"	16RTEE	910.38
18'	18RTEE	1097.21



Tee Cap

SIZE	STOCK NO	EACH
Type RV		
3"	3RVCAP	3.49
4"	4RVCAP	3.91
5"	5RVCAP	5.13
6"	6RVCAP	6.01
7"	7RVCAP	10.27
8"	8RVCAP	12.11
Type R		
10"	10RTCAP	34.56
12"	12RTCAP	45.45
14"	14RTCAP	93.37
16"	16RTCAP	110.26
18'	18RTCAP	125.17



Fixed Wye

SIZE	STOCK NO	EACH
Type RV		
4"	4RVY	50.41
5x3"	5X3RVY	56.55
5x4"	5X4RVY	54.99
5x4x4"	5X4X4RVY	67.31
6x4"	6X4RVY	58.48

“Metalbestos” Pipe and Fittings (28)

Gas Vent

selkirkcorp.com



Draft Hood Connector

SIZE	STOCK NO	EACH
Type RV		
4"	4RVDHC	14.31
5"	5RVDHC	14.83
6"	6RVDHC	17.05
8"	8RVDHC	26.65



Increaser

SIZE	STOCK NO	EACH
Type RV		
3-4"	34RVI	27.89
3-5"	35RVI	31.11
3-6"	36RVI	31.68
4-5"	45RVI	26.61
4-6"	46RVI	27.97
5-6"	56RVI	27.70
6-7"	67RVI	34.77



Wall Thimble

Adjust 4⅛" to 7" wall thickness

SIZE	STOCK NO	EACH
Type RV		
3"	3RVWT	20.84
4"	4RVWT	23.20
5"	5RVWT	26.05
6"	6RVWT	31.89
7"	7RVWT	39.30
8"	8RVWT	40.61



Pipe Collar

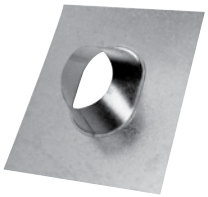
May be used as firestop for openings in floors, ceilings and walls

SIZE	STOCK NO	EACH
Type RV		
3"	3RVPC	6.29
4"	4RVPC	6.33
5"	5RVPC	6.56
6"	6RVPC	6.79



Storm Collar

SIZE	CODE	EACH
Type RV		
3"	3RVSC	3.25
4"	4RVSC	3.91
5"	5RVSC	7.84
6"	6RVSC	8.10
7"	7RVSC	10.18
8"	8RVSC	10.51
Type R		
10"	10RSC	17.86
12"	12RSC	23.17
14"	14RSC	49.73
16"	16RSC	95.86
18"	18RSC	151.08

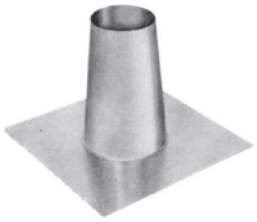


Adjustable Roof Flashing Flat to 6/12 pitch

SIZE	CODE	EACH
Type RV		
3"	3RVAF	11.84
4"	4RVAF	13.39
5"	5RVAF	20.84
6"	6RVAF	29.11
7"	7RVAF	38.82
8"	8RVAF	42.06
Type R		
10"	10RF	79.18
12"	12RF	110.77
14"	14RF	251.33
16"	16RF	292.60
18"	18RF	415.05

6/12-12/12 pitch

SIZE	CODE	EACH
Type RV		
3"	3RVHF	33.25
4"	4RVHF	34.77
5"	5RVHF	41.45
6"	6RVHF	50.95
7"	7RVHF	66.55
8"	8RVHF	83.57



Tall Cone Flat Flashing

Flat roofs only

SIZE	STOCK NO	EACH
Type RV		
3"	3RVTFF	24.39
4"	4RVTFF	28.21
5"	5RVTFF	31.42
6"	6RVTFF	39.59
7"	7RVTFF	50.12
8"	8RVTFF	56.12
Type R		
10"	10RTF	96.54
12"	12RTF	143.44
14"	14RTF	297.42
16"	16RTF	353.52
18"	18RTF	438.22



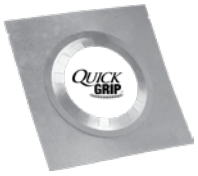
Type RV Bird Proof Top

SIZE	STOCK NO	EACH
Type RV		
3"	3RVBT	18.20
4"	4RVBT	19.17
5"	5RVBT	26.34
6"	6RVBT	33.33
7"	7RVBT	52.73
8"	8RVBT	67.80



Type R Top

SIZE	STOCK NO	EACH
Type R		
10"	10RTOP	184.84
12"	12RTOP	224.81
14"	14RTOP	360.39
16"	16RTOP	463.54
18"	18RTOP	637.80



Quick Grip

Firestop spacer & pipe support. UL Listed

SIZE	STOCK NO	EACH
Type RV		
4"	4RVFSPU	23.24
6"	6RVFSPU	16.61



(27)

Vent-Fast

SIZE	STOCK NO	EACH
3"	3VEFA	17.02
4"	4VEFA	17.02
5"	5VEFA	17.96
6"	6VEFA	17.96
7"	7VEFA	18.50
8"	8VEFA	21.00
10"	10VEFA	26.23



Support Plate

Will support up to 50'

SIZE	STOCK NO	EACH
Type R		
10"	10RSP	93.37
12"	12RSP	129.17
14"	14RSP	169.31
16"	16RSP	194.23
18"	18RSP	204.36

Metalbestos Pipe and Fittings (28)
Platinum Series Ultra-Temp
selkirkcorp.com

The Ultra-Temp Type HT Chimney 6", 7", and 8" is intended for normal continous operation at 1000 degrees fah. flue gas temperature at two inches clearance to enclosing combustible limits.

The Ultra-Temp Chimney in 10", 12", and 14" sizes is also intended for normal continuous use at not over 1000° f

Ultra-Temp chimney is compatible with Metalbestos SSII chimney .



Insulated Pipe
For gas, oil, and wood firing

STOCK NO	EACH
6" Lengths	
6T6	126.83
8T6	180.00
9" Lengths	
6T9	136.84
7T9	168.21
18" Lengths	
6T18	173.18
8T18	275.40
10S18	344.48
36" Lengths	
6T36	307.89
7T36	397.29
8T36	465.44
10S36	678.08



Universal Roof Supports
Adjustable from 5-8"

STOCK NO	EACH
URSA	131.80



Universal Wall Support/Resupport Assembly
Adjustable from 5-8"

STOCK NO	EACH
UWRSA	184.29



2-Insulated 15° Elbow with 1-Interior Resupport
15° Insulated elbows can be used for fixed offsets of 15° slope or in pairs for offsets adjustable from zero degrees to 30 degrees slope. Greater angles are prohibited by UL® Standard 103.

REQUIRED:
Locking bands (2 packeged with each kit) are to be used at each jiont.
Each offset must be resupported.
Elbows rotate 360° to provide orientation required.

STOCK NO	EACH
6TEL15KIT	461.42
7TEL15KIT	519.53
8TEL15KIT	591.30



Wall Spacer
Maintains clearance when passing through a combustible wall.

STOCK NO	EACH
6TIWT	131.80
7TIWT	143.76
8TIWT	155.70



Anchor Plate
For use on masonry fireplace

STOCK NO	EACH
6TAP	107.83
8TAP	146.67



Insulated Tee with Plug
Used with a wall support kit for outdoor installation

STOCK NO	EACH
6TIT	435.14
7TIT	571.14
8TIT	644.14
10SIT	906.13



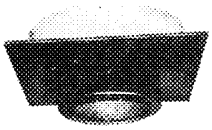
Roof Support Package
For freestanding fireplaces and cathedral ceiling installations

STOCK NO	EACH
10SRSP	418.34

Metalbestos Pipe and Fittings (28)

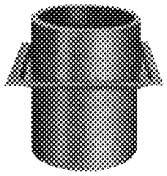
Ultra-Temp

selkirkcorp.com



Finish Support Package

STOCK NO	EACH
6TFSP	172.52
7TFSP	206.61
8TFSP	212.67



JS
Joist Shield

STOCK NO	EACH
6TJS	52.64



Wall Band

Provides stability and clearance along outside wall. One every 8'.

STOCK NO	EACH
6TWB	57.69
7TWB	67.61
8TWB	74.02



Adjustable Roof Flashing

For 1/12 to 6/12 pitch

STOCK NO	EACH
6TAF	133.85
7TAF	153.43
8TAF	168.04
10SAF	195.48



Tall Cone Flashing

For flat roofs

STOCK NO	EACH
6TTF	179.17
8TTF	219.83
10STF	239.51



Storm Collar

STOCK NO	EACH
6TCO	23.85
78TCO	27.02
10SCO	46.66
12SCO	72.50



FC
Finishing Collar

STOCK NO	EACH
6TFC	32.66
8TFC	45.04



Round Top

STOCK NO	EACH
6TCT	147.55
7TCT	201.30
8TCT	270.39
10SCT	485.59

Dripless Smoke Pipe Adapters

STOCK NO	EACH
6TDSAC	128.64
8TDSAC	144.13

Z-Vent Single Wall AL-294C Stainless Steel Special Gas Vent Pipe & Fittings

- 3-8" diameter
- Simple gasketed connection-no sealant needed
- Natural or propane gas

OEM specified & UL Listed Special Gas Vent for Category II, III & IV heating equipment.



Vent Pipe

SIZE	STOCK NO	EACH
6" Lengths		
3"	ZF3X6	21.46
12" Lengths		
3"	ZF3X12	27.33
4"	ZF4X12	32.77
5"	ZF5X12	43.51
6"	ZF6X12	46.80
7"	ZF7X12	59.10
8"	ZF8X12	68.95
18" Lengths		
3"	ZF3X18	43.46
4"	ZF4X18	48.86
5"	ZF5X18	64.02
6"	ZF6X18	68.95
7"	ZF7X18	86.20
8"	ZF8X18	101.80
24" Lengths		
3"	ZF3X24	55.16
4"	ZF4X24	60.03
5"	ZF5X24	74.71
6"	ZF6X24	80.44
7"	ZF7X24	98.52
8"	ZF8X24	112.46
36" Lengths		
3"	ZF3X36	68.76
4"	ZF4X36	77.71
5"	ZF5X36	96.88
6"	ZF6X36	106.73
7"	ZF7X36	137.10
8"	ZF8X36	151.68
48" Lengths		
5"	ZF5X48	119.85
6"	ZF6X48	133.00
7"	ZF7X48	163.36
8"	ZF8X48	198.65
60" Lengths		
3"	ZF3X60	123.56
4"	ZF4X60	142.58
120" Lengths		
3"	ZF3X120	189.71
4"	ZF4X120	234.97

Z-Vent Joint Lubrication



For use with Single or Double Wall Components

SIZE	STOCK NO	EACH
5.3oz.	2LUBE	25.91

Dow Corning Sealant

DESCRIPTION	STOCK NO	EACH
3 oz. Tube	440691	15.41

NEW ITEM



Weil McLain CGI, CGS Starter

Use to adapt appliance vent outlet to Z-Vent

PART NO	STOCK NO	EACH
2SVEWMFA03	ZFWEILA03	48.45

90° Elbow

SIZE	STOCK NO	EACH
3"	ZF3L	78.06
4"	ZF4L	82.75
5"	ZF5L	121.50
6"	ZF6L	133.81
7"	ZF7L	165.85
8"	ZF8L	182.25

45° Elbow

SIZE	STOCK NO	EACH
3"	ZF345L	68.55
4"	ZF445L	72.08
5"	ZF545L	100.99
6"	ZF645L	107.55
7"	ZF745L	127.25
8"	ZF845L	142.84

Horizontal Termination Box

SIZE	STOCK NO	EACH
3"	ZF3TEBO	60.49
4"	ZF4TEBO	61.86
5"	ZF5TEBO	98.52
6"	ZF6TEBO	102.99
7"	ZF7TEBO	108.97
8"	ZF8TEBO	114.95

Horizontal Termination Tee

DESCRIPTION	STOCK NO	EACH
3"	ZF3TETE	60.50
4"	ZF4TETE	66.75

Termination Coupling

DESCRIPTION	STOCK NO	EACH
3"	ZF3TECO	28.26

Universal Appliance Adapter

For use with UTICA SW Series Boilers

SIZE	STOCK NO	EACH
3"	ZF3UNAPAD	34.88
4"	ZF4UNAPAD	39.48
5"	ZF5UNAPAD	59.76
6"	ZF6UNAPAD	70.09
7"	ZF7UNAPAD	84.79
8"	ZF8UNAPAD	92.01

Saf-T Vent to Z-Vent

Flue Outlet Adapter for VSPH Boilers

SIZE	STOCK NO	EACH
3"	ZF3VEAD	32.69

Lochinvar Adapters

SIZE	STOCK NO	EACH
4"	ZF4LOCH	37.21
Knight Boiler Single Wall Adapters		
2"	2SVAKA02	105.71

Appliance Adapter

For use with Buderus GA-124

DESCRIPTION	STOCK NO	EACH
Stainless Steel	ZFGA124	31.73

Straight Tee

SIZE	STOCK NO	EACH
4"	ZF4TEE	82.40
5"	ZF5TEE	91.05
6"	ZF6TEE	100.13
7"	ZF7TEE	116.41
8"	ZF8TEE	139.56

Boot Tee

SIZE	STOCK NO	EACH
5"	ZF5BOTE	229.71
6"	ZF6BOTE	260.61
7"	ZF7BOTE	291.51
8"	ZF8BOTE	338.19

Vertical Drain Tee

DESCRIPTION	STOCK NO	EACH
3"	ZF3DRTEVE	75.64
4"	ZF4DRTEVE	87.20

Horizontal Drain Pipe

DESCRIPTION	STOCK NO	EACH
3"	ZF3DRPIHO	60.80
4"	ZF4DRPIHO	85.60

Tee Cap w/Drain

SIZE	STOCK NO	EACH
4"	ZF4TECA	42.90
5"	ZF5TECA	50.90
6"	ZF6TECA	53.22
7"	ZF7TECA	57.45
8"	ZF8TECA	60.07

Storm Collars

SIZE	STOCK NO	EACH
3"	ZF3STCO	27.01
4"	ZF4STCO	31.24
5"	ZF5STCO	41.81
6"	ZF6STCO	46.27
7"	ZF7STCO	50.76
8"	ZF8STCO	59.70

Flashing 0-30°

SIZE	STOCK NO	EACH
3"	ZF3ROFL	61.17
4"	ZF4ROFL	62.86
5"	ZF5ROFL	100.74
6"	ZF6ROFL	111.98
7"	ZF7ROFL	125.64
8"	ZF8ROFL	154.86

Rain Cap

SIZE	STOCK NO	EACH
3"	ZF3RACA	94.99
4"	ZF4RACA	98.16
5"	ZF5RACA	126.89
6"	ZF6RACA	140.30
7"	ZF7RACA	156.71
8"	ZF8RACA	177.62

Wall Thimbles

SIZE	STOCK NO	EACH
3"	ZF3WATH	50.58
4"	ZF4WATH	52.37
5"	ZF5WATH	58.51
6"	ZF6WATH	80.62
7"	ZF7WATH	80.62
8"	ZF8WATH	77.61



Flexi-Liner Kits

Flexi-Liner, rain cap, top adapter, top flashing, (2) angle supports, bottom mortar sleeve, bottom adapter, fasteners.

DIA.	LENGTH	STOCK NO	EACH
4"	25'	A2504	180.81
4"	35'	A3504	222.37
5"	35'	A3505	262.50
5.5"	35'	A3555	311.24
6"	35'	A3506	311.24
7"	35'	A3507	458.84



Conductor Pipe

10 foot, 26 Guage

DIA.	STOCK NO	EACH
3"	MU120326	26.02
4"	MU120426	27.70

Liner Leader Cone

Used to guide and pull-down Flexi-Liner through masonary chimney.

DIA.	STOCK NO	EACH
4"	FX4PD	25.96
5"	FX5PD	25.96
5.5"	FX55PD	28.02
6"	FX6PD	28.02
7"	FX7PD	28.02

B-Flex Adapter

Universal adapter to go from Flexi-Liner to all types of Class B vent material.

SIZE	STOCK NO	EACH
4"	LBF04	28.02
5"	LBF05	30.29



(28)

Double Wall Flex Connector

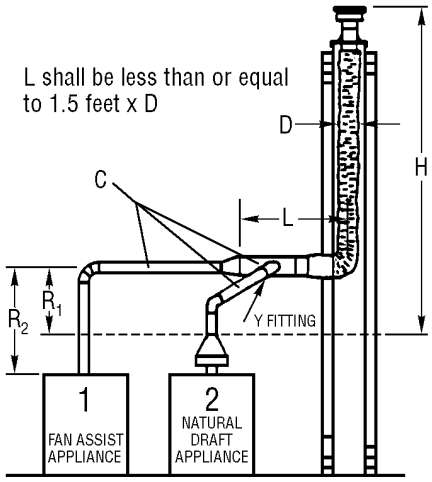
SIZE	STOCK NO	EACH
5' Lengths		
4"	4DWC5	130.07
5"	5DWC5	153.31
4' Lengths		
4"	4DWC4	117.91
3' Lengths		
4"	4DWC3	101.14
5"	5DWC3	120.65
2' Length		
5"	5DWC2	106.02

TWO OR MORE CATEGORY I APPLIANCES

(Appliances listed for use with B-Vent)
GAS VENT CAPACITY FOR CORRUGATED LINERS:
(Derated 20% from B-Vent Tables)

General Venting Requirements

1. Flexi-Liner systems are UL/ULC Listed for masonry chimneys serving Category I natural gas/propane fired appliances.
2. Venting gas fired appliances into unlined masonry chimneys is prohibited. A “Listed” liner or a tile liner conforming to code must be utilized. Misaligned and/or cracked tiles do not constitute a “code” liner.
3. “Fan Assisted” appliances, on their own, shall not be vented into tile lined chimneys unless a “Listed” lining system is installed.
4. The air space around an installed Flexi-Liner system must not be used to vent other appliances.
5. The Flexi-Liner system may be smaller in diameter than the outlet of the appliance being served provided:
   a) the vent height is at least 10 feet.
   b) the liner is not more than one table size smaller.
   c) the “FAN MAX” is reduced by 10% if the appliance is “fan as sisted”.
   d) the outlet is larger than 4" if the appliance is “natural draft”.
6. A Flexi-Liner system venting more than one appliance shall not be smaller diameter than the outlet of the largest appliance being served.
7. If the tables permit a choice of more than one Flexi-Liner diameter, the smallest permitted diameter is preferred.
8. If the vent system contains more than two 90° elbows, the maximum capacity shall be reduced by 10% for each additional 90° elbow or equivalent offset(s).
9. Vent connectors shall be installed in a manner such as stated in the current National Fuel Gas Code.
10. The installation of gas vents shall adhere to local code requirements.



Height "H"	Connector Double or Single Wall "C"	Flex-Liner Common Vent Diameter - "D" (inches)																		
		4"			5"			5.5"			6"			7"			8"		
		Combined Appliance INPUT Rating in Thousands per BTU per Hour																		
		FAN	NAT	NAT	FAN	NAT	NAT	FAN	NAT	NAT	FAN	NAT	NAT	FAN	NAT	NAT	FAN	NAT	NAT
		FAN	FAN	NAT	FAN	FAN	NAT	FAN	FAN	NAT	FAN	FAN	NAT	FAN	FAN	NAT	FAN	FAN	NAT
15'	Double	100	90	73	156	131	115	192	157	140	227	182	165	342	282	224	445	355	292
	Single	97	86	70	151	127	112	186	152	136	220	177	160	333	274	219	435	347	286
25'	Double	116	104	88	184	157	138	227	189	168	270	221	198	409	341	268	537	434	350
	Single	111	100	84	178	152	134	220	183	163	262	214	192	398	332	261	524	423	342
30'	Double	122	110	94	195	168	148	242	203	181	289	238	213	438	367	288	576	468	376
	Single	116	106	90	189	162	143	235	196	175	280	229	206	426	357	279	562	456	367
35'	Double	125	113	98	202	175	154	252	212	188	301	249	222	457	385	300	603	492	392
	Single	119	109	93	195	168	148	243	204	181	291	239	214	444	374	291	588	479	382
45'	Double	151	119	104	216	189	166	271	230	203	325	271	240	494	420	326	656	541	424
	Single	125	114	99	208	180	158	261	220	194	314	260	229	480	407	316	640	526	413

Southwark Vent Pipe and Fittings (29)

southwarkmetal.com

Flue Liners



3' Length

SIZE	STOCK NO	EACH
Seamed Alluminum Liner		
6"	6X3SEALLI	28.79
Stainless Steel		
7"	7X3SSFLLI	77.87

Aluminum Pipe



Part No. ALP

SIZE	STOCK NO	EACH
3x2'	3X2AL	10.24
4x2'	4X2AL	10.24
4x5'	4X5AL	21.16
5x2'	5X2AL	12.75
6x2'	6X2AL	14.34
7x2'	7X2AL	18.13
8x2'	8X2AL	20.38
10x2'	10X2AL	27.70

90° Elbow



Part No. AL90/SS90

SIZE	STOCK NO	EACH
Aluminum Adjustable		
3"	3ALL	7.30
4"	4ALL	4.57
5"	5ALL	9.34
6"	6ALL	7.66
7"	7ALL	13.87
Stainless Steel Adjustable		
6"	6SSL	79.48
8"	8SSL	109.44

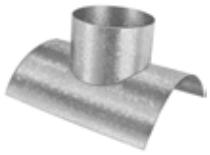
Aluminum Taper Increaser/Reducer



Part No. AL58

SIZE	STOCK NO	EACH
4x3"	4X3ALRI	20.26
5x4"	5X4ALRI	20.26
6x4"	6X4ALRI	21.21
6x5"	6X5ALRI	22.01

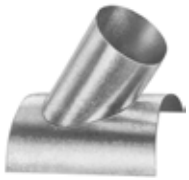
90° Vent Saddles



Part No. AL208/207

SIZE	STOCK NO	EACH
90° - Aluminum		
3"	3ALSA90	16.18
4"	4ALSA90	19.32
90° - Galvanized		
3"	3SA90	11.42
4"	4SA90	13.70
5"	5SA90	16.49
6"	6SA90	13.94
7"	7SA90	20.02
8"	8SA90	17.32

45° Vent Saddles



Part No. AL208/208

SIZE	STOCK NO	EACH
45° - Aluminum		
3"	3ALSA45	17.94
4"	4ALSA45	21.12
5"	5ALSA45	23.89
45° - Galvanized		
3"	3SA45	12.21
4"	4SA45	14.29
5"	5SA45	18.10
6"	6SA45	16.52
8"	8SA45	25.71

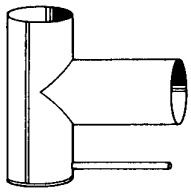
Aluminum Tee



Part No. AL54

SIZE	STOCK NO	EACH
3"	3ECT	32.16
4"	4ECT	32.16
5"	5ECT	35.21
6"	6ECT	38.79
7"	7ECT	51.76
8"	8ECT	70.93

Drip Tee



Part No. 5732

SIZE	STOCK NO	EACH
Aluminum		
3"	3ALDRT	48.30
4"	4ALDRT	48.75
5"	5ALDRT	49.65
6"	6ALDRT	60.03
7"	7ALDRT	72.40
8"	8ALDRT	90.86
10"	10ALDRT	137.40
12"	12ALDRT	174.94

Stainless Steel Plain Tee

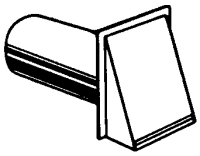


Part No. SS54

SIZE	STOCK NO	EACH
6"	6SST	138.16

Southwark Vent Pipe and Fittings (29)

southwarkmetal.com



Fresh Air Intake

Part No. 36

SIZE	STOCK NO	EACH
4"	4FRAIIN	10.92
5"	5FRAIIN	12.91
6"	6FRAIIN	15.35
7"	7FRAIIN	19.22
8"	8FRAIIN	19.84
10"	10FRAIIN	39.43
12"	12FRAIIN	101.81

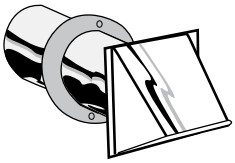


(27)

Make-up Air System

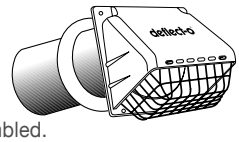
Adjustable gate provides precise airflow control

SIZE	STOCK NO	EACH
6"	MAS2	86.43



Laundry Vents

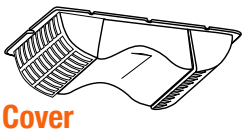
SIZE	STOCK NO	EACH
3"	3LAVE	6.98
4"	4LAVE	6.98



4" Dryer Vent Hood

Pipe and collar assembled.

COLOR	STOCK NO	EACH
White	4RVHAW	6.33
Brown	4RVHXB	6.33



DeFlect-o Under-Eve Vent Cover

For 3" or 4" Openings

COLOR	STOCK NO	EACH
White	EVE6	8.87

Flat Single Wall Flashing

Part No. 141

SIZE	STOCK NO	EACH
4"	4FLAFL	41.61
6"	6FLAFL	46.50
8"	8FLAFL	62.61



Flex Hose

SIZE	STOCK NO	EACH
931 Aluminum		
4"x8'	S9314	10.05



VC923 Hose Clamps

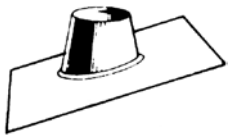
SIZE	STOCK NO	EACH
3"	3HOCL	1.20



Round Vertical Diverter

Part No. 95

SIZE	STOCK NO	EACH
4"	954	44.41
5"	955	47.00
6"	956	59.17



Adjustable Roof Flashing

Part No. 140

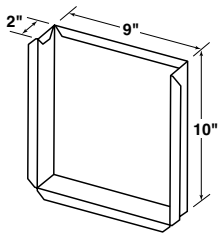
SIZE	STOCK NO	EACH
4"	4ADJFL	28.22
6"	6ADJFL	45.26
8"	8ADJFL	61.66



Single Wall Storm Collar

Part No. 142

SIZE	STOCK NO	EACH
4"	4SWSC	9.62
6"	6SWSC	12.59
8"	8SWSC	15.71



Furnace-Mount Literature Rack

SIZE	STOCK NO	EACH
9"x10"x 2"	LITRACK	5.19

Blacktite



Pipe

Part No. BP24/BP36

SIZE	STOCK NO	EACH
6x24"	6X24BT	19.29
7x24"	7X24BT	22.11
8x24"	8X24BT	24.83
6x36"	6X36BT	28.06
8x36"	8X36BT	36.02



90° Adjustable Elbow

Part No. BP90

SIZE	STOCK NO	EACH
6"	6BTL	16.61
7"	7BTL	19.83
8"	8BTL	22.54



Tee

Part No. BP54

SIZE	STOCK NO	EACH
6"	6BTT	38.65



Reducer/Increaser

Part No. BP58

SIZE	STOCK NO	EACH
6x5"	6X5BTR	26.88
7x6"	7X6BTR	27.49
7x6"	7X6BTR	27.49
8x6"	8X6BTR	30.76

Sheet Metal & Fittings

southwarkmetal.com

Sheet Metal (00e)



Galvanized

Price Per Sheet

SIZE/GAUGE	WEIGHT	STOCK NO	EACH
36" x 96"			
24 Gauge	27.75	36X9624	28.86
26 Gauge	21.75	36X9626	23.98
28 Gauge	18.75	36X9628	19.33
48" x 96"			
24 Gauge	37.00	48X9624	37.98
26 Gauge	29.00	48X9626	31.56
28 Gauge	24.40	48X9628	27.38
48" x 120"			
22 Gauge	46.24	48X12022	57.54
24 Gauge	46.24	48X12024	47.34
26 Gauge	36.25	48X12026	39.38
60" x 120"			
24 Gauge	57.71	60X12024	59.17
26 Gauge	45.38	60X12026	49.19

Duct Fittings (29)



Left Reverse Elbow

Part No. WS7L

SIZE	STOCK NO	EACH
12 x 8"	REL128	101.79
14 x 8"	REL148	101.79
16 x 8"	REL168	107.74
18 x 8"	REL188	107.74



Center Reverse Elbow

Part No. WS7C

SIZE	STOCK NO	EACH
12 x 8"	REC128	101.79
14 x 8"	REC148	101.79
16 x 8"	REC168	107.74
18 x 8"	REC188	107.74
20 x 8"	REC208	113.11

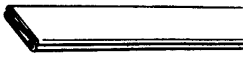


Right Reverse Elbow

Part No. WS7R

SIZE	STOCK NO	EACH
12 x 8"	RER128	101.79
14 x 8"	RER148	101.79
16 x 8"	RER168	107.74
18 x 8"	RER188	107.74

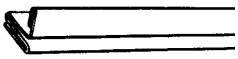
Duct Cleats (29)



"S" Cleat

Part No. 6S

SIZE	STOCK NO	EACH
8"	8SCL	.64
10"	10SCL	.64
12"	12SCL	.71
14"	14SCL	.80
16"	16SCL	.92
18"	18SCL	1.14
20"	20SCL	1.23
24"	24SCL	1.49
60"	60SCL	3.39



Standing "S" Cleat

Part No. 37

SIZE	STOCK NO	EACH
25"	25STSCL	2.89
60"	60STSCL	4.74
10'	120STSCL	18.27

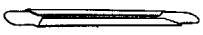


(27)

Duro Dyne Standing "S" Cleat

22 gauge • 1 inch

SIZE	STOCK NO	EACH
10'	DD13235	42.26



Drive Cleat

Part No. 8D

SIZE	STOCK NO	EACH
8"	8DRCL	.40
10"	10DRCL	.50
12"	12DRCL	.92
60"	60DRCL	2.63

Southwark Duct and Fittings (29)

southwarkmetal.com

Duct

SIZE	STOCK NO	EACH
Part No. TD48		
8x8x48	8X8X4DU	22.14
10x8x48	10X8X4DU	25.15
10x10x48	10X10X4DU	34.67
12x8x48	12X8X4DU	27.75
12x10x48	12X10X4DU	39.27
12x12x48	12X12X4DU	48.47
14x8x48	14X8X4DU	32.01
14x10x48	14X10X4DU	39.69
14x12x48	14X12X4DU	52.18
14x14x48	14X14X4DU	76.45
16x8x48	16X8X4DU	35.71
16x10x48	16X10X4DU	42.77
16x12x48	16X12X4DU	55.83
18x8x48	18X8X4DU	38.51
18x10x48	18X10X4DU	51.66
20x8x48	20X8X4DU	43.98
20x10x48	20X10X48DU	55.52
20x12x48	20X12X4DU	66.26
22x8x48	22X8X4DU	48.66
24x8x48	24X8X4DU	52.33
24x10x48	24X10X4DU	64.01
25x10x48	25X10X4DU	74.72
26x8x48	26X8X4DU	79.13
30x8x48	30X8X4DU	86.85
Part No. TD60		
8x8x60	8X8X5DU	30.97
10x8x60	10X8X5DU	33.03
10x10x60	10X10X5DU	35.38
12x8x60	12X8X5DU	34.74
12x10x60	12X10X5DU	40.46
14x8x60	14X8X5DU	41.71
14x10x60	14X10X5DU	46.33
16x8x60	16X8X5DU	46.33
16x10x60	16X10X5DU	48.82
18x8x60	18X8X5DU	49.22
18x10x60	18X10X5DU	54.79
20x8x60	20X8X5DU	53.58
20x10x60	20X10X5DU	58.21
22x8x60	22X8X5DU	59.91
22x10x60	22X10X5DU	65.17
24x8x60	24X8X5DU	61.17
24x10x60	24X10X5DU	69.10
25x10x60	25X10X5DU	71.35
25x12x60	25X12X5DU	110.55
26x8x60	26X8X5DU	101.27
Part No. TD96		
8x8x96	8X8X8DU	45.08
10x8x96	10X8X8DU	46.95
12x8x96	12X8X8DU	52.09
14x8x96	14X8X8DU	57.83
16x8x96	16X8X8DU	63.98
18x8x96	18X8X8DU	71.10
20x8x96	20X8X8DU	75.57
24x8x96	24X8X8DU	89.91

Trunk Reducers

Part No. 17

SIZE	STOCK NO	EACH
12x8" to 8x8"	128X88TRRE	35.07
14x8" to 10x8"	148X108TRRE	35.07
14x8" to 12x8"	148X128TRRE	35.07
14x10" to 14x8"	1410X148TRRE	71.60
14x12" to 14x10"	1412X1410TRRE	81.57
16x8" to 12x8"	168X128TRRE	35.07
16x8" to 14x8"	168X148TRRE	35.07
18x8" to 16x8"	188X168TRRE	35.07

Transition

2" Rise • Part No. 23AT

SIZE	STOCK NO	EACH
12x8	12X8TR	55.74
14x8	14X8TR	55.74
16x8	16X8TR	63.85
18x8	18X8TR	64.96
20x8	20X8TR	66.26
22x8	22X8TR	72.05
24x8	24X8TR	81.67

90° Shortway Elbow



Part No. 16S

SIZE	STOCK NO	EACH
8x8	8X8DS90	27.80
10x8	10X8DS90	29.46
10x10	10X10DS90	40.79
10x16	10X16DS90	47.04
12x8	12X8DS90	30.59
12x10	12X10DS90	42.45
14x8	14X8DS90	31.57
14x10	14X10DS90	43.73
14x12	14X12DS90	54.91
14x14	14X14DS90	64.22
16x8	16X8DS90	34.67
18x8	18X8DS90	37.66
18x10	18X10DS90	48.68
20x8	20X8DS90	39.31
20x10	20X10DS90	52.45
22x8	22X8DS90	42.35
24x8	24X8DS90	45.57
24x10	24X10DS90	60.29
25x10	25X10DS90	98.89

45° Shortway Angle



Part No. 15S

SIZE	STOCK NO	EACH
8x8	8X8DS45	25.26
8x12	8X12DS45	26.64
10x8	10X8DS45	25.95
10x16	16X10DS45	44.67
10x20	20X10DS45	49.50
12x10	12X10DS45	40.31
14x8	14X8DS45	28.98
14x10	14X10DS45	41.61
16x8	16X8DS45	30.12
18x8	18X8DS45	32.68
20x8	20X8DS45	35.59
22x8	22X8DS45	40.26
24x8	24X8DS45	43.46
24x10	24X10DS45	65.15
25x10	25X10DS45	67.66

No 212FSD Cap



For use with slips and drives

Part No. 21

SIZE	STOCK NO	EACH
8x8	8X8CAPSD	7.58
10x8	10X8CAPSD	7.79
10x10	10X10CAPSD	9.17
10x16	10X16CAPSD	10.62
12x8	12X8CAPSD	7.96
12x10	12X10CAPSD	9.90
14x8	14X8CAPSD	8.13
14x10	14X10CAPSD	10.24
16x8	16X8CAPSD	8.30
18x8	18X8CAPSD	8.30
20x8	20X8CAPSD	8.43
20x10	20X10CAPSD	11.00
22x8	22X8CAPSD	8.43
24x8	24X8CAPSD	10.55
24x10	24X10CAPSD	15.07
25x10	25X10CAPSD	15.07
26x8	26X8CAPSD	15.74

End Cap

Part No. 21

SIZE	STOCK NO	EACH
12x12	12X12CAP	10.24
14x12	14X12CAP	10.62
16x12	16X12CAP	11.30
20x12	20X12CAP	12.59

Offset Starting Collar



2" Rise • Part No. 23

SIZE	STOCK NO	EACH
8x8	8X8OFCO	34.27
10x8	10X8OFCO	35.36
12x10	12X10OFCO	43.35
16x10	16X10OFCO	47.44
20x10	20X10OFCO	53.15
12x8	12X8OFCO	36.43
14x8	14X8OFCO	38.01
14x10	14x10OFCO	45.38
16x8	16X8OFCO	42.97
18x8	18X8OFCO	45.86
20x8	20X8OFCO	47.16
22x8	22X8OFCO	50.74
24x8	24X8OFCO	52.14

Straight Starting Collar



Part No. 20

SIZE	STOCK NO	EACH
8x8	8X8CO	13.62
10x8	10X8CO	15.02
12x10	12X10CO	20.55
16x10	16X10CO	25.36
12x8	12X8CO	15.22
14x8	14X8CO	15.40
14x10	14X10CO	21.94
14x12	14X12CO	25.36
16x8	16X8CO	19.53
18x8	18X8CO	21.28
18x10	18X10CO	26.69
20x8	20X8CO	22.92
20x10	20X10CO	28.44
22x8	22X8CO	25.62
22x10	22X10CO	30.62
24x8	24X8CO	27.65
24x10	24X10CO	37.37
25x10	25X10CO	38.18
25x14	25X14CO	32.14

90° Broadway Elbow

Part No. 14S

SIZE	STOCK NO	EACH
8x8	8X8DL90	35.50
10x8	10X8DL90	35.98
10x12	12X10DL90	44.31
10x16	16X10DL90	54.60
12x8	12X8DL90	39.31
14x8	14X8DL90	42.56
14x10	14X10DL90	52.54
14x12	14X12DL90	64.84
14x14	14X14DL90	115.01
16x8	16X8DL90	47.82
18x8	18X8DL90	48.25
20x8	20X8DL90	54.15
20x10	20X10DL90	70.86
22x8	22X8DL90	69.77
24x8	24X8DL90	73.08
24x10	24X10DL90	81.62
25x10	25X10DL90	148.43

45° Broadway Angle

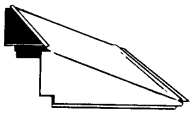
Part No. 13S

SIZE	STOCK NO	EACH
8x8	8X8DL45	26.64
8x10	8X10DL45	28.61
10x10	10X10DL45	39.77
10x20	10X20DL45	58.72
12x8	12X8DL45	32.42
12x10	12X10DL45	42.96
14x8	14X8DL45	34.91
14x10	14X10DL45	46.57
16x8	16X8DL45	37.61
16x10	16X10DL45	50.10
18x8	18X8DL45	41.59
20x8	20X8DL45	44.76
24x8	24X8DL45	55.10
24x10	24X10DL45	80.86
25x10	25X10DL45	106.78

Southwark Duct and Fittings (29)

southwarkmetal.com

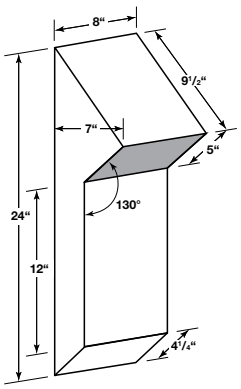
Duct Reducer



Part No. 35

SIZE	STOCK NO	EACH
0-2	02DURE	10.24
2"	0210DURE	12.13
0-4	04DURE	10.81
4"	0410DURE	12.68
0-6	06DURE	11.49
0-8	08DURE	14.34

Snowvent



Prmarily used to raise a vent above the snow line on the side of a house.

STOCK NO	EACH
SNOWVENT	102.94

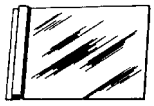
Volume Damper



Part No. 42

SIZE	STOCK NO	EACH
8x8	8X8DA	11.28
10x8	10X8DA	11.28
12x8	12X8DA	11.28
14x8	14X8DA	11.28
16x8	16X8DA	11.28
18x8	18X8DA	11.28
20x8	20X8DA	12.25
24x8	24X8DA	12.25

Joist Panning



Part No. 48/AL48

SIZE	STOCK NO	EACH
No 16 - Galvanized		
16½x 36"	36JOPA	7.44
16½x 48"	48GJOPA	15.47
No 16A - Aluminum		
16½ x 48"	48JOPA	14.88

Filter Rack



Part No. FR

SIZE	STOCK NO	PRICE
14 x 20"	14X20FIRA	26.33
14 x 25"	14X25FIRA	34.57
16 x 20"	16X20FIRA	19.51
16 x 25"	16X25FIRA	19.51
20 x 25"	16X25FIRA	36.94

Square to Round High Efficiency Adhesive Takeoff



Part No. ATHEWD

SIZE	STOCK NO	EACH
5"	5ADTO	24.77
6"	6ADTO	19.38
7"	7ADTO	21.52
8"	8ADTO	24.12
9"	9ADTO	35.52
10"	10ADTO	36.95
12"	12ADTO	44.36
14"	14ADTO	49.01
16"	16ADTO	50.72

Duct Takeoff with Adhesive



Part No. ATT, With Damper ATD

SIZE	STOCK NO	EACH
4"	4ADDTO	10.09
6"	6ADDTO	7.06
6" with Damper	6ADHDUWD	14.39
7" with Damper	7ADHDUWD	18.48
8" with Damper	8ADHDUWD	16.61
10" with Damper	10ADHDUWD	20.88
12" with Damper	12ADHDUWD	25.47

Round Pipe Takeoff

Part No. ATTRP_NG

SIZE	STOCK NO	EACH
5"	5RDTO	9.55
6"	6RDTO	9.13
8"	8RDTO	10.31

Round Pipe Takeoff with Adhesive



Part No. ATTRP, With Damper ATDRP

SIZE	STOCK NO	EACH
6"	6RDADTO	9.13
7"	7RDADTO	15.59
8"	8RDADTO	16.59
6" with Damper	6RDADTOWD	20.64
8" with Damper	8RDADTOWD	25.26

Conical Adhesive Takeoff with Damper

Part No. ATDBM

SIZE	STOCK NO	EACH
6"	6ADCTO	22.97
8"	8ADCTO	27.20
10"	10ADCTO	32.82
12"	12ADCTO	39.17

Speedi Boot

SIZE	STOCK NO	EACH
4 x 10"	SBH410	13.11
4 x 12"	SBH412	14.05

Takeoff with Scoop



Part No. 97LSWDS

SIZE	STOCK NO	EACH
6"	T27S6	9.95
10"	T27S10	19.60

Adjustable Pivot Take-off



Part No. S5

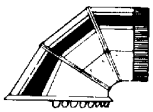
SIZE	STOCK NO	EACH
5"	S55	14.60
6"	S56	11.19
7"	S57	19.91

Adjustable Take-off with Long Gore

Part No. S5-LG

SIZE	STOCK NO	EACH
6"	S56LG6	17.61

Half Tab Take-off



Part No. HT156

SIZE	STOCK NO	EACH
4"	T54	9.55
5"	T55	9.55
6"	T56	6.75
7"	T57	10.17

Half Tab Take-off Long Gore

Part No. HT15LG6

SIZE	STOCK NO	EACH
4"	T54LG	17.72
5"	T55LG	11.82
6"	T56LG	11.64
7"	T57LG	14.34

Full Tab Take-off

Part No. EP15

SIZE	STOCK NO	EACH
6"	T76	6.75
7"	T77	10.92
8"	T78	14.51

Universal Take-off Elbow



Part No. AT90

Can be adjusted to any angle or used straight. Easy install: cut hole, install fitting and bend tabs.

SIZE	STOCK NO	EACH
6"	TE6	7.77
7"	7TOL	17.09

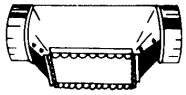
Zero Rise Take-off



Part No. 62

SIZE	STOCK NO	EACH
6"	T156	11.23

Double Top Take-off



Part No. 64

SIZE	STOCK NO	EACH
6"	T176	31.88

(27)

24 Gauge Angles

SIZE	STOCK NO	EACH
1" x 3" x 18"	ANG181X3	1.65

Southwark Duct and Fittings (29)

southwarkmetal.com

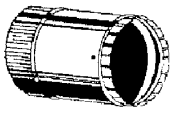
Metal Collar



28 Ga. Galvanized Steel
per ASTM A653 CS Type B

SIZE	STOCK NO	EACH
Crimped • Part No. 1051		
3"	3CCO	3.29
4"	4CCO	3.29
5"	5CCO	3.29
6"	6CCO	2.40
7"	7CCO	3.74
8"	8CCO	2.77
10"	10CCO	6.70
12"	12CCO	7.80
14"	14CCO	8.86
16"	16CCO	11.42
18"	18CCO	14.69
No Crimp • Part No. 1050		
3"	3NCCO	3.29
4"	4NCCO	3.29
5"	5NCCO	3.29
6"	6NCCO	3.29
7"	7NCCO	3.74
8"	8NCCO	4.07
9"	9NCCO	6.23
10"	10NCCO	6.70
12"	12NCCO	7.80
14"	14NCCO	8.86

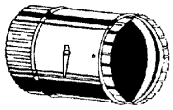
Plain Flex Duct Take-off



Part No. 97LS

SIZE	STOCK NO	EACH
4"	T274	3.62
5"	T275	3.62
6"	T276	3.62
7"	T277	4.13
8"	T278	4.60
10"	T2710	7.28
12"	T2712	7.85

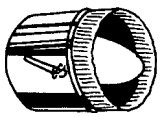
Flex Duct and Collar with Damper



Part No. 97LSWD

SIZE	STOCK NO	EACH
4"	T27D4	11.30
6"	T27D6	11.30
8"	T27D8	13.22
10"	T27D10	14.29
12"	T27D12	21.05

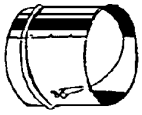
Pipe and Damper Section



Part No. 40

SIZE	STOCK NO	EACH
6"	6PDS	9.55

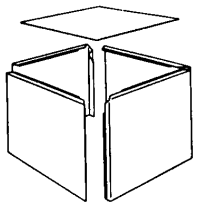
Metal Spin-in with Damper



Part No. 156D

SIZE	STOCK NO	EACH
6"	156D6	11.14
8"	156D8	12.91
10"	156D10	16.28
12"	156D12	19.84

Universal Plenum

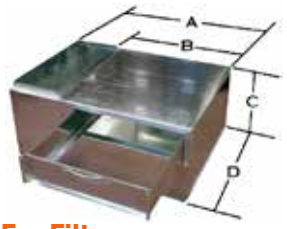


Part No. 49P/49T/49C

SIZE	STOCK NO	EACH
Plenum Panel		
20x34"	20X34UNPLPA	31.17
20x47"	20X47UNPLPA	41.10
24x47"	24X47UNPLPA	46.74
Universal Plenum Top		
20x20"	20X20UNPLTO	15.59
24x24"	24X24UNPLTO	21.88
Custom Plenum		
16x20x48"	16X20X48CUPL	230.68
161/2 x20x48"	1612X20X48CUPL	227.25
191/2 x20x48"	1912X20X48CUPL	256.37
*20x20x48"	20X20X48CUPL	159.35
*24x24x48"	24X24X48CUPL	252.94

***Plenums may be trimmed to size.**

Return Air Support Box For Filters



SBF Series - With Drawer

"A" DIM	"B" DIM	"C" DIM	"D" DIM	RETURN DUCT SIZE	STOCK NO	PRICE
30"	22"	15"	28"	24 x 8	SBF30	311.57
36"	26"	15"	28"	25 x 10	SBF36	324.96
40"	30"	17"	28"	25 x 10	SBF38	375.51

Return Air Support Box

SBF Series - Less Drawer

"A" DIM	"B" DIM	"C" DIM	"D" DIM	RETURN DUCT SIZE	STOCK NO	PRICE
40"	30"	17"	28"	25 x 12	SBF44	379.29

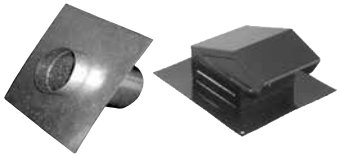
FBC Series Furnace Box



Galvanized Steel - NO Filter Slot

"A" DIM	"B" DIM	"C" DIM	"D" DIM	STOCK NO	PRICE
21"	7¼"	28"	1"	FBC62128	102.07

Roof Cap Adapter



SIZE	STOCK NO	EACH
4"	RCA04	11.04
6"	RCA06	16.57

White Magnetic Cover



For cold air drop

SIZE	STOCK NO	EACH
4x20"	MC420	7.49
4x25"	MC425	8.96

Return Air Drop Assemblies

Consisting of:
- One starting elbow with filter frame.
- Two 32" duct sections.
- One starting collar.
- Slips and drives as required.

MODEL #	STOCK NO	EACH
20x10" Duct to 20x16" Filter		
No. 810EC	70	178.09
20x10" Duct to 20x14" Filter		
No. 812	70K	239.47
25x10" Duct to 25x16" Filter		
No. 811EC	71	192.36
Cold Air Drop for 5" Filter		
712315	712315CAD	421.86
Cold Air Drop		
No. 813	71K	280.07

Cold Air Shoes

SIZE	STOCK NO	EACH
20"x10"-16"x20"	705FS	110.24
16"x25"-25"x10"	71162514S	124.01
25"x16"-25"x10"	76S	149.18
Slide out drawer for filter • filter not included		
16"x25"-25"x20"	71ALTERAIRE2510	216.84

Shoe, Filter, and Cover Only

MODEL #	STOCK NO	EACH
No. 70S	70S	105.65
No. 70KS	70KS	176.39
No. 71SCF	71S	118.85

Return Air Drop Duct Section Only

For No. 70K

SIZE	STOCK NO	EACH
20x10x32"	20X10X32DU	74.51

Return Air Drop Duct Sections Only

SIZE	STOCK NO	EACH
20x10x48"	20X10X48DU	55.52
25x10x32"	25X10X32DU	88.42

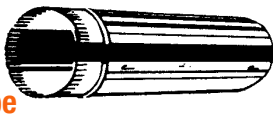
Cold Air Boot

SIZE	STOCK NO	EACH
16"x25-25"x10" w/5" filter	711625FS5	201.13
25"x20-10"x25" w/5" filter	712520FS5	222.05

Cold Air Drop Package

Consisting of:
- 1 - #20 Starting collar
- 2 - 30" duct sections
- 1 - return air plemun with 1" filter rack
- 6 - 10" drive straps

STOCK NO	EACH
819ALTER	326.68



Galvanized Pipe

SIZE	STOCK NO	EACH
2' Length • Part No. SL24		
24 Gauge		
5"	5X224	14.41
6"	6X224	11.69
7"	7X224	14.05
8"	8X224	15.47
9"	9X224	17.97
10"	10X224	22.94
12"	12X224	26.49
14"	14X224	28.77
16"	16X224	34.53
18"	18X224	41.90
26 Gauge		
3"	3X226	4.84
4"	4X226	5.61
5"	5X226	8.20
6"	6X226	8.23
7"	7X226	10.71
8"	8X226	12.46
28 Gauge		
3"	3X228	6.11
4"	4X228	7.13
5"	5X228	9.84
6"	6X228	9.95
7"	7X228	9.38
8"	8X228	17.30
9"	9X228	16.94
10"	10X228	16.94
12"	12X228	25.21
30 Gauge		
3"	3X230	3.91
4"	4X230	3.91
5"	5X230	4.60
6"	6X230	4.76
7"	7X230	6.23
8"	8X230	6.50
10"	10X230	10.83
5' Length • Part No. SL60		
26 Gauge		
4"	4X526	15.92
5"	5X526	17.58
6"	6X526	17.82
7"	7X526	21.63
8"	8X526	23.27
9"	9X526	28.65
10"	10X526	29.24
12"	12X526	34.25
14"	14X526	41.33
16"	16X526	52.59
18"	18X526	84.70
28 Gauge		
4"	4X528	14.57
8"	8X528	39.44
10"	10X528	38.46
30 Gauge		
3"	3X530	9.36
4"	4X530	9.36
5"	5X530	10.10
6"	6X530	10.10
7"	7X530	13.49
8"	8X530	16.02
10"	10X530	22.25
12"	12X530	23.94
10' Length • Part No. SL120		
30 Gauge		
4"	4X1030	16.47
5"	5X1030	20.22
6"	6X1030	20.22
7"	7X1030	26.99



Elbow

Part No. 90

SIZE	STOCK NO	EACH
24 Gauge		
5"	524L	10.38
6"	624L	10.38
7"	724L	15.29
8"	824L	15.88
9"	924L	16.52
10"	1024L	19.91
12"	1224L	23.89
14"	1424L	34.03
16"	1624L	49.34
18"	1824L	61.64
20"	2024L	76.07
26 Gauge		
4"	426L	4.24
5"	526L	5.83
6"	626L	6.09
7"	726L	6.68
8"	826L	6.99
9"	926L	12.42
10"	1026L	12.68
12"	1226L	15.33
14"	1426L	19.84
28 Gauge		
3"	328L	4.01
4"	428L	4.01
5"	528L	4.95
7"	728L	11.40
8"	828L	8.30
10"	1028L	10.93
30 Gauge		
3"	330L	2.82
4"	430L	2.82
5"	530L	3.29
6"	630L	3.29
7"	730L	4.64
8"	830L	5.31
9"	930L	10.31
10"	1030L	10.93



Tee Joint

Part No. 54

SIZE	STOCK NO	EACH
24 Gauge		
6"	624T	24.77
7"	724T	27.26
8"	824T	30.33
10"	1024T	36.61
26 Gauge		
3"	326T	18.08
4"	426T	18.36
5"	526T	19.00
6"	626T	23.11
7"	726T	26.76
8"	826T	27.99
10"	1026T	34.34
12"	1226T	41.23
14"	1426T	54.10
16"	1626T	59.88



Air Flow Joint

Part No. 52 - Tee Wye

SIZE	STOCK NO	EACH
8x6x6"	8X6X6TY	29.25

Water Heater Fittings

SIZE	STOCK NO	EACH
Part No. 490 - 90° Tee		
6x6x5"	6X6X5T	33.11
Part No. 52 - 45° Tee		
5x4x4"	5X4X4WHT	17.94

Straight Perimeter Boot

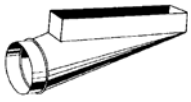
Part No. 27R

SIZE	STOCK NO	EACH
2¼ x 10 x 5"	P52105	9.57
2¼ x 10 x 6"	P52106	8.41
2¼ x 12 x 5"	P52125	9.57
2¼ x 12 x 6"	P52126	6.40
2¼ x 14 x 6"	P52146	11.50
4 x 10 x 5"	P54105	7.82
4 x 10 x 6"	P54106	6.75
4 x 10 x 7"	P54107	9.07
4 x 12 x 6"	P54126	7.16
4 x 12 x 7"	P54127	9.17
4 x 12 x 8"	P54128	9.41
4 x 14 x 7"	P54147	10.67
4 x 14 x 8"	P54148	10.67
6 x 10 x 6"	P56106	15.67
6 x 12 x 6"	P56126	10.67

90° Angle Perimeter Boot

Part No. 24R

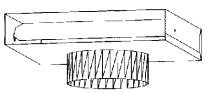
SIZE	STOCK NO	EACH
2¼ x 10 x 5"	P132105	9.57
2¼ x 10 x 6"	P132106	7.65
2¼ x 12 x 5"	P132125	10.00
2¼ x 12 x 6"	P132126	6.40
2¼ x 12 x 7"	P132127	10.00
2¼ x 14 x 6"	P132146	10.67
4 x 8 x 6"	P13486	11.52
4 x 10 x 5"	P134105	6.97
4 x 10 x 6"	P134106	6.75
4 x 10 x 7"	P134107	9.07
4 x 12 x 5"	P134125	10.60
4 x 12 x 6"	P134126	7.16
4 x 12 x 7"	P134127	9.17
4 x 12 x 8"	P134128	9.41
4 x 14 x 7"	P134147	10.67
4 x 14 x 8"	P134148	10.67
With 8" Reinforced Wing		
4 x 10 x 6"	4X10X6ANPEBOW8	21.99



Center Perimeter Boot

Part No. 28R

SIZE	STOCK NO	EACH
2 x 10 x 4"	P172104	9.88
2¼ x 10 x 5"	P172105	9.88
2¼ x 10 x 6"	P172106	9.12
2¼ x 12 x 5"	P172125	10.24
2¼ x 12 x 6"	P172126	7.51
2¼ x 12 x 7"	P172127	13.10
2¼ x 14 x 6"	P172146	10.67
4 x 10 x 4"	P174104	10.05
4 x 10 x 5"	P174105	6.97
4 x 10 x 6"	P174106	6.75
4 x 12 x 6"	P174126	7.16
4 x 12 x 7"	P174127	9.17
4 x 12 x 8"	P174128	10.97
4 x 14 x 7"	P174147	11.04
4 x 14 x 8"	P174148	11.04
Right End Boot • Part No. 28RR		
2¼ x 12 x 5"	P17R2125	10.47
2¼ x 12 x 6"	P17R2126	7.28
4 x 10 x 6"	P17R4106	8.96
4 x 12 x 6"	P17R4126	9.26
Left End Boot • Part No. 28RL		
2¼ x 12 x 5	P17L2125	10.47
2¼ x 12 x 6	P17L2126	7.28
4 x 10 x 6	P17L4106	8.96
4 x 12 x 6	P17L4126	9.26



Toe-Kick Boot with Damper

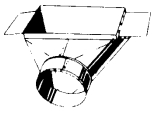
No. TK-226D

SIZE	STOCK NO	EACH
2¼x12x6"	214X12X6BOWD	27.90

Southwark Duct Pipe and Fittings (29)

southwarkmetal.com

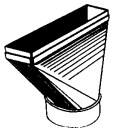
Basement Boot



Part No. PH5

SIZE	STOCK NO	EACH
4x10x6"	PB13406	17.23
4x12x6"	PB13426	21.94
6x10x6"	PB13606	13.37
8" Reinforced Wing • Part No. 28RWE		
4x10x6"	PB13406W8	22.94

Straight Stack Boot



Part No. 27

SIZE	STOCK NO	EACH
2¼ x 12 x 6	52126	10.66
3¼ x 10 x 5	53105	13.89
3¼ x 10 x 6	53106	9.38
3¼ x 10 x 7	53107	14.34
3¼ x 12 x 6	53126	10.36
3¼ x 12 x 7	53127	14.43

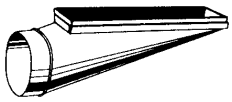
90° Stack Boot



Part No. 24

SIZE	STOCK NO	EACH
2¼ x 10 x 5	132105	13.89
2¼ x 10 x 6	132106	10.92
2¼ x 12 x 6	132126	10.66
3¼ x 10 x 6	133106	10.66
3¼ x 10 x 7	133107	14.34
3¼ x 12 x 6	133126	10.66
3¼ x 12 x 7	133127	15.88

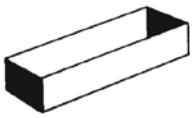
End Stack Boot



Part No. 28

SIZE	STOCK NO	EACH
2¼ x 10 x 6	172106	12.14
2¼ x 12 x 6	172126	10.81
3¼ x 10 x 6	173106	10.81
3¼ x 10 x 7	173107	14.12
3¼ x 12 x 6	173126	12.59
3¼ x 12 x 7	173127	16.30

Straight Boot Extension



Part No. PHEXT

SIZE	STOCK NO	EACH
2¼ x 12	33212	8.94
3¼ x 10	33310	5.64

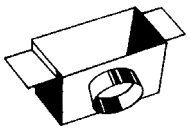
Ceiling Diffuser Box



Part No. 72WF

SIZE	STOCK NO	EACH
6 x 8"	6X8CEBO	44.05

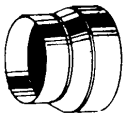
Ceiling Register Head



Part No. 20H

SIZE	STOCK NO	EACH
10 x 6 x 6	201066	17.18
12 x 6 x 6	201266	27.96

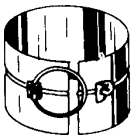
Tapered Reducer/Increaser



Part No. 58 - No Crimp

SIZE	STOCK NO	EACH
4x3	4X3RI	5.90
5x3	5X3RI	7.02
6x3	6X3RI	7.02
5x4	5X4RI	7.02
6x4	6X4RI	7.02
8x4	8X4RI	11.75
6x5	6X5RI	7.02
7x5	7X5RI	8.22
8x5	8X5RI	11.75
10x5	10X5RI	25.78
7x6	7X6RI	8.22
8x6	8X6RI	11.75
9x6	9X6RI	14.34
10x6	10X6RI	14.34
12x6	12X6RI	15.26
8x7	8X7RI	11.75
9x7	9X7RI	14.34
10x7	10X7RI	14.34
9x8	9X8RI	14.34
10x8	10X8RI	14.34
12x8	12X8RI	15.26
10x9	10X9RI	14.34
12x9	12X9RI	15.26
12x10	12X10RI	15.26
14x10	14X10RI	19.10
14x12	14X12RI	19.10
16x10	16X10RI	24.01
16x12	16X12RI	24.01
16x14	16X14RI	24.01
18x10	18X10RI	45.19
18x12	18X12RI	34.84
18x14	18X14RI	34.84
18x16	18X16RI	34.84
Part No. 58_CR - Small End Crimped		
6x4"	6X4RISEC	19.72

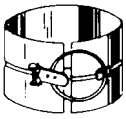
Drawband



Part No. S75

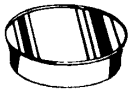
SIZE	STOCK NO	EACH
5"	5DRBA	7.75
6"	6DRBA	6.52
7"	7DRBA	7.89
8"	8DRBA	8.86

Connector



SIZE	STOCK NO	EACH
6"	6S55DRBA	9.53

Plain Cap



Part No. 55

SIZE	STOCK NO	EACH
3"	3PLCA	8.86
4"	4PLCA	7.49
5"	5PLCA	8.86
6"	6PLCA	8.17
7"	7PLCA	9.07
8"	8PLCA	9.26
9"	9PLCA	11.18
10"	10PLCA	13.37
12"	12PLCA	13.94
14"	14PLCA	19.22
16"	16PLCA	22.09
18"	18PLCA	42.59

Round Damper



Part No. 44

SIZE	STOCK NO	EACH
5"	5RODA	5.62
6"	6RODA	2.29
7"	7RODA	8.23
8"	8RODA	2.79

(30)

Durodyne Quadrant Damper



WITH HARDWARE

SIZE	STOCK NO	EACH
⅜"	38QUDAS	14.84
½"	12QUDAS	16.91

(30)

"Rapit" Regulators



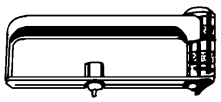
8085—RS2562 R. bearings, 1 wash handle and wing nut.

Packed 10 Per Package

STOCK NO	BOX
RS256	41.38

(40)

SM3-12 Multi-Cut Hole Cutter



Cuts 2"–12" diameter.

STOCK NO	EACH
MUCUHOCU	81.38
MB-316 Replacement Bit	
REBI	30.74
MC-12 Pivet Pin	
MC12	6.64
MC-13 Pivet Pin Nut	
MC13	6.82

(29)

Dryer Box



- Saves space, saves energy, reduces fire hazard
- 22 ga aluminized steel (safe, rigid, rust free, paintable)
- Tapored bottom provides room for anchor bolt
- 21" high x 12" wide, 4¼" depth from nailing flange

Box only • Part No. DVB

FOR WALL DEPTH	STOCK NO	BOX
4"	4DRBO	48.60
6"	6DRBO	48.60

CounterFlow Dryer Box

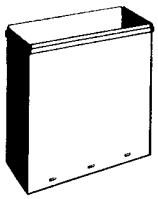
WALL SIZE	STOCK NO	EACH
4"	4CFDRBO	48.60
6"	6CFDRBO	48.60

(29)

Dryer Box Elbow

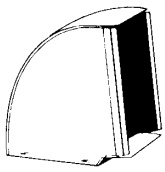
DE-104

SIZE	STOCK NO	EACH
4"	DRYELL	35.36



Wall Stack

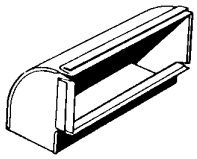
SIZE	STOCK NO	EACH
24" Length • Part No. WSJ24		
2¼ x 10	20021024	15.15
2¼ x 12	20021224	16.85
3¼ x 10	20031024	9.46
3¼ x 12	20031224	17.61
3¼ x 14	20031424	20.41
48" Length • Part No. WSJ48		
2¼ x 12	20021248	49.48



90° Longway Stack Elbow

Part No. WS14

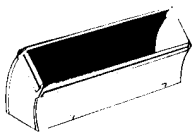
SIZE	STOCK NO	EACH
3¼ x 10	290310	31.24



90° Shortway Stack Elbow

Part No. WS16

SIZE	STOCK NO	EACH
2¼ x 12	216212	15.45
3¼ x 10	216310	14.91
3¼ x 12	216312	16.23



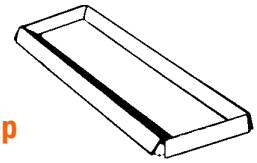
45° Shortway Stack Angle

Part No. WS15

SIZE	STOCK NO	EACH
2¼ x 12	206212	14.67
3¼ x 10	206310	13.32



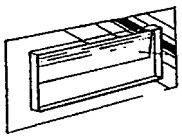
For duct tapes see page 828



Stack End Cap

Part No. WS21

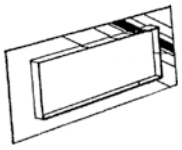
SIZE	STOCK NO	EACH
2¼ x 12"	214X12STENCA	10.66



Wall Register Frame with Damper

Part No. 31D

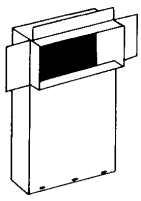
SIZE	STOCK NO	EACH
12x6	24FD126	14.17
14x6	24FD146	8.25
30x6"	24FD306	16.04



Wall Register Frame LESS Damper

Part No. 31

SIZE	STOCK NO	EACH
14x6	24F146	5.29
30x6"	24F306	12.87



Register Head

Part No. WS

SIZE	STOCK NO	EACH
2¼ x 10-10x6	26210106	25.98
2¼ x 12-12x6	26212126	31.17
3¼ x 10-10x6	26310106	30.21
3¼ x 12-12x6	26312126	32.42

5' Plaster Guard

STOCK NO	EACH
60PLAST	13.53

(27)

Furnace Leg

STOCK NO	EACH
FURLEG	.87



(27)

Duct Hanger

STOCK NO	EACH
DHMINI	.15



(27)

Bassett Square Duct Hanger

SIZE	STOCK NO	EACH
8"	BH38BASQHA	.50
9"	BH39BASQHA	.56
10"	BH10	.69

(27)

Pipe Bracket

STOCK NO	EACH
HNGRPRO	1.21

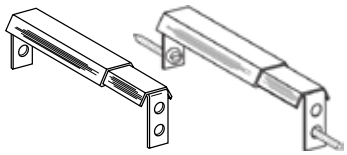


(27)

Basset Galvanized Pipe Brackets

Barbed tips with built-in hammer guide.
Adjustable to the correct width with one Hand.

DESCRIPTION	STOCK NO	EACH
Adjustable 12-19"	A125	1.23
Adjustable 19-26"	E125G	1.53



(27)

Basset Galvanized "Tab" Brackets

Screw tabs for use with manufactured joists.
Quickly adjusts to the correct width with one hand.

DESCRIPTION	STOCK NO	EACH
LESS Screws		
Adjustable Tab 12-19"	AT150	1.26
WITH Screws		
Adjustable Tab 12-19"	ATS125	1.44
Adjustable 19-26"	ETS125G	1.73



(27)

Basset Pipe Hanger

For fast and easy installation of round 5" and 6" pipes.

STOCK NO	EACH
BH2BAHA	.73



(27)

Basset Duct Strap

After tapping barbed end into joist, fasten to duct with sheet metal screw, drill screw or pop rivet. Jobs look neater, stay put longer and go up faster. Can be used on any size duct.

STOCK NO	EACH
DS3BADUST	.32

Oval



Oval Pipe

SIZE	STOCK NO	EACH
5x60"	5X60OV	24.05
6x60"	6X60OV	12.25
6x100"	6X100OV	20.57
6x113"	6X113OV	22.96
6x120"	6X120OV	27.18
7x60"	7X60OV	14.96
7x100"	7X100OV	24.31
7x113"	7X113OV	27.70
8x60"	8X60OV	23.32
8x100"	8X100OV	38.84



Round To Oval Straight Boot

Part No. 127

SIZE	STOCK NO	EACH
5"	5OVRDBO	17.54
6"	6OVRDBO	8.44
7"	7OVRDBO	13.94
8"	8OVRDBO	17.20



Round To Oval End Boot

Part No. 106

SIZE	STOCK NO	EACH
5"	5OVRDENBO	29.69
6"	6OVRDENBO	15.17
7"	7OVRDENBO	19.27
8"	8OVRDENBO	22.65



Oval To Oval End Boot

Part No. 128

SIZE	STOCK NO	EACH
6"	6OVOVENBO	27.65
7"	7OVOVENBO	32.21
8"	8OVOVENBO	32.21



Vertical 45° Angle

Part No. 115

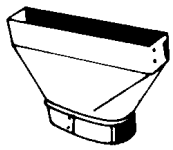
SIZE	STOCK NO	EACH
6"	6OVVEAN	5.67
7"	7OVVEAN	7.49
8"	8OVVEAN	10.19



Flat 45° Angle

Part No. 113

SIZE	STOCK NO	EACH
6"	6OVFLAN	8.94
7"	7OVFLAN	14.91
8"	8OVFLAN	16.42



Straight Register Boot

Part No. 127R

SIZE	STOCK NO	EACH
6x2¼x12"	6X214X12OVSTREBO	33.20



Straight Register Box

Part No. 355

SIZE	STOCK NO	EACH
6x2¼ x12	6X214X12OVSTREBOX	14.26



Round To Oval 90° Boot

Part No. 124

SIZE	STOCK NO	EACH
5"	5OVRD90BO	17.54
6"	6OVRD90BO	8.96
7"	7OVRD90BO	11.18
7" Oval x 6" Rd.	7X6OVRD90BO	14.84
8"	8OVRD90BO	13.20



Vertical 90° Elbow

Part No. 116

SIZE	STOCK NO	EACH
6"	6OVVEL	5.67
7"	7OVVEL	7.61
8"	8OVVEL	11.33



Flat 90° Elbow

Part No. 114

SIZE	STOCK NO	EACH
5"	5OVFLL	13.04
6"	6OVFLL	14.46
7"	7OVFLL	21.63
8"	8OVFLL	21.61



Stackhead

Part No. 110

SIZE	STOCK NO	EACH
4x12x5"	4X12X5OVST	18.11
4x10x6"	4X10OVST	17.35
4x12x6"	4X12OVST	17.35
6x10x6"	6X10OVST	13.67
6x12x6"	6X12OVST	15.17
6x14x6"	6X14OVST	24.83
6x10x7"	7X10OVST	16.26
6x12x7"	7X12OVST	17.73
6x14x7"	7X14OVST	17.56
6x12x8"	8X12OVST	31.97
6x14x8"	8X14OVST	31.97

THERMOPAN



Return Air Panning

Two metalized sides with recycled insulation between. Comes with preformed attached headers, presision diecut and scored for easy install. Staples easily and quickly to floor joists.

SIZE	STOCK NO	EACH
16 x 48"	16X48JOPA	4.73
19½ x 48"	1912X48JOPA	5.80
24 x 48"	24X48JOPA	7.21

Standard Header

SIZE	STOCK NO	EACH
16 x 12"	16X12JOHE	3.02

I-Joist Header

SIZE	STOCK NO	EACH
16 x 19"	16X19JOHE	6.06



Thermo-O-Clean Filtered Return Air Frame

Allows air to flow through but stops dust and dirt from entering. Remove filter before installing grille. Must be level. 36"x6" is equal to (2) 14"x6".

STOCK NO	EACH
30X6RAFRFI	6.23



Windowed Supply Floor Frames

Air boot frame with clear film allows for sealing supply duct during installation. Prevents dirt from penetrating the duct system.

SIZE	STOCK NO	EACH
2¼ x 10"	2X10SUFR	2.26
2¼ x 12"	2X12SUFR	2.44
4 x 10"	4X10SUFR	2.34
4 x 12"	4X12SUFR	2.51



Thermo-Pan Accessories

Joist Panning Connector

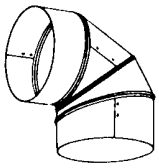
SIZE	STOCK NO	EACH
16"	16JOPACO	.87
19½"	1912JOPACO	1.11



Button-Lok Hanger

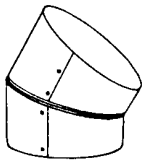
SIZE	STOCK NO	EACH
2" x 100'	TBL2X100	71.58

PVC Coated Galvanized



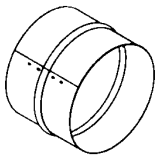
90° Elbow
No 520

SIZE	GAUGE	STOCK NO	EACH
6"	26	6PVAIDUL	22.84
8"	26	8PVAIDUL	34.50
10"	24	10PVAIDUL	47.23
12"	24	12PVAIDUL	70.20



45° Elbow
No 530

SIZE	GAUGE	STOCK NO	EACH
6"	26	6PVAIDU45L	13.21
8"	26	8PVAIDU45L	19.76
10"	24	10PVAIDU45L	29.12
12"	24	12PVAIDU45L	41.00

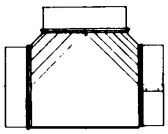


Coupling
No 533

SIZE	STOCK NO	EACH
6"	6PVAIDUC	10.81
8"	8PVAIDUC	14.06

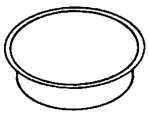


For duct tapes see page 828



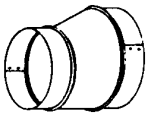
Tee
No 550

SIZE	STOCK NO	EACH
8"	8PVAIDUT	50.56
10"	10PVAIDUT	54.89
12"	12PVAIDUT	79.25



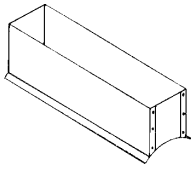
Cap
No 560

SIZE	STOCK NO	EACH
6"	6PVAIDUCAP	28.72
8"	8PVAIDUCAP	33.33
10"	10PVAIDUCAP	39.63
12"	12PVAIDUCAP	48.74



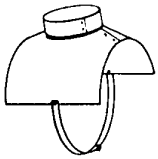
Tapered Reducer
No 581

SIZE	STOCK NO	EACH
8x6	8X6PVAIDUR	37.78
10x6	10X6PVAIDUR	46.33
10x8	10X8PVAIDUR	46.33
12x8	12X8PVAIDUR	63.09
12x10	12X10PVAIDUR	63.09



Register Saddle
No 501

SIZE	STOCK NO	EACH
2¼ x 12 x 6	214X12X6PVAIDURESA	21.78
4 x 12 x 6	4X12X6PVAIDURESA	24.67

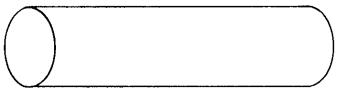


Saddle Tee
No 599

SIZE	STOCK NO	EACH
6" on 8"	6X8PVAIDUSAT	23.77
8" on 10"	8X10PVAIDUSAT	25.95

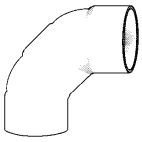
PVC Air Duct Pipe and Fittings (27a)

Solid PVC



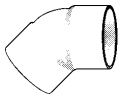
Air Duct Pipe

SIZE	O.D.	I.D.	STOCK NO	FOOT
6"	6.14"	5.988"	6PVAIDU	7.94
8"	8.16"	7.958"	8PVAIDU	12.19
10"	10.20"	9.948"	10PVAIDU	18.84
12"	12.24"	11.938"	12PVAIDU	27.18
14"	14.32"	13.97"	14PVAIDU	40.78



90° Elbows

SIZE	STOCK NO	EACH
6"	6PVAIDUSOL	87.38
8"	8PVAIDUSOL	113.02
10"	10PVAIDUSOL	126.86
12"	12PVAIDUSOL	154.69
14"	14PVAIDUSOL	261.71



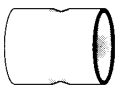
45° Elbows

SIZE	STOCK NO	EACH
6"	6PVAIDUSO45L	44.01
8"	8PVAIDUSO45L	60.18
10"	10PVAIDUSO45L	77.83
12"	12PVAIDUSO45L	91.69
14"	14PVAIDUSO45L	135.80



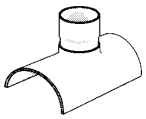
Tees

SIZE	STOCK NO	EACH
8"	8PVAIDUSOT	129.81
10"	10PVAIDUSOT	184.66
12"	12PVSOAIDUT	219.85



Couplings

SIZE	STOCK NO	EACH
8"	8PVAIDUSOC	48.41
10"	10PVAIDUSOC	59.98
12	12PVAIDUSOC	81.81



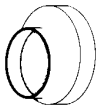
Saddle Tees

SIZE	STOCK NO	EACH
6 on 8"	68PVAIDUSOSAT	35.32
6 on10"	610PVAIDUSOSAT	80.13
6 on14"	614PVAIDUSOSAT	183.36
8 on 10"	810PVAIDUSOSAT	84.63
6 on 12"	612PVAIDUSOSAT	100.80
8 on 12"	812PVAIDUSOSAT	105.28



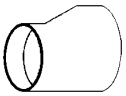
End Caps

SIZE	STOCK NO	EACH
6"	6PVAIDUSOCAP	24.60
8"	8PVAIDUSOCAP	34.69
10"	10PVAIDUSOCAP	45.77
12	12PVAIDUSOCAP	81.94



Standard Reducer

SIZE	STOCK NO	EACH
12x8"	12X8PVAIDUSOSTRE	134.46



Tapered Reducer

SIZE	STOCK NO	EACH
8x6"	8X6PVAIDUSOTARE	71.10
10x8"	10X8PVAIDUSOTARE	81.96
12x10"	12X10PVAIDUSOTARE	87.47
14x12"	14X12PVAIDUSOTARE	164.47

Black Max

Plastic duct fittings for under slab heating and air conditioning



90°/45° Elbows

(cut in half for 45°)

SIZE	STOCK NO	EACH
6"	6BLAIDUL	43.02
8"	8BLAIDUL	50.97
10"	10BLAIDUL	68.79
12"	12BLAIDUL	72.59



Register Boot Box

SIZE	STOCK NO	EACH
4x10x6"	4X10X6BLAIDUREBOX	52.27
4x12x6"	4X12X6BLAIDUREBOX	54.90
4x14x8"	4X14X8BLAIDUREBOX	57.29



Saddle Boot

SIZE	STOCK NO	EACH
For 6"-16" pipe		
4 x 10"	4X10X6BLAIDUSA	33.37
4 x 12"	4X12x8BLAIDUSA	40.28
2¼ x 12"	214X12x8BLAIDUSA	44.79



IPS Weld-On 600 Plastic Adhesive

Can be used for polyethylene fittings to PVC pipe for HVAC duct applications. There should be no undue stress on joints during set and cure. Clear color.

SIZE	STOCK NO	EACH
Quart	QTAIDUCE	61.56

THE TOUGHEST DUCT IN TOWN
BLACK MAX®



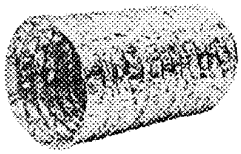
Metalized Reinforced Insulated Flexible Duct

- Galvanized spring steel wire helix
- Completely encapsulated within two layers of tough polyester film
- This core is then wrapped with a thick blanket of energy-saving fiberglass insulation and covered by a protective vapor barrier of metalized polyester

SIZE	STOCK NO	EACH
R-8 insulation rating-25'		
3"	3X25REINDUR8	56.60
4"	4X25REINDUR8	56.60
5"	5X25REINDUR8	61.27
6"	6X25REINDUR8	64.32
7"	7X25REINDUR8	72.29
8"	8X25REINDUR8	78.98
10"	10X25REINDUR8	94.61
12"	12X25REINDUR8	116.47
14"	14X25REINDUR8	138.32
R-4.2 insulation rating-25'		
4"	UPC0304	34.02
5"	UPC0305	39.57
6"	UPC0306	44.71
7"	UPC0307	48.93
8"	UPC0308	52.98
9"	UPC0309	59.84
10"	UPC03010	66.50
12"	UPC03012	80.53
14"	UPC03014	97.64
16"	UPC03016	114.83
18"	UPC03018	133.05



For duct tapes see page 828



Uninsulated Flexible Duct

- Constructed of multiple plies of aluminum foil and polyester film encapsulating a high carbon steel wire helix to form an impervious, flame resistant air connector
- For low to medium pressure HVAC applications
- UL rated velocity: 4000 F.P.M.
- Temperature range -20°F to 180°F

SIZE	STOCK NO	EACH
3"	3X25UNDU	27.37
4"	4X25UNDU	28.88
5"	5X25UNDU	34.82
6"	6X25UNDU	38.71
7"	7X25UNDU	44.47
8"	8X25UNDU	50.56
10"	10X25UNDU	63.83
12"	12X25UNDU	79.44
14"	14X25UNDU	96.45

System 6000 R4.2 Slip-on Insulating Sleeves

- For fast, economical installation on roundmetal pipe.
- 1" fiberglass insulation blanket and a polyethylene vapor barrier in convenient 5' sections
- Sized to fit standard sheetmetal pipe diameters

SIZE	STOCK NO	EACH
4"	4X5INSL	11.55
5"	5X5INSL	12.63
6"	6X5INSL	13.46
7"	7X5INSL	14.60
8"	8X5INSL	15.93
10"	10X5INSL	19.96
12"	12X5INSL	24.72
14"	14X5INSL	31.80

R-8 Slip-on Insulating Sleeves

No. UPC011.

SIZE	STOCK NO	EACH
4"	4X5INSLR8	15.33
5"	5X5INSLR8	16.58
6"	6X5INSLR8	17.43
8"	8X5INSLR8	21.35

Metalized Reinforced Insulated Flexible Duct No MHP50

- Constructed around 10" core.
- Galvanized spring steel wire helix.
- Completely encapsulated within two layers of tough polyester film.
- This core is then wrapped with a thick blanket of energy-saving fiberglass insulation and covered by a protective vapor barrier of metalized polyester.

R-4 insulation rating-50'

SIZE	STOCK NO	EACH
4"	4X50REINDU	71.15
5"	5X50REINDU	82.76
6"	6X50REINDU	93.51
7"	7X50REINDU	102.31
8"	8X50REINDU	110.76
10"	10X50REINDU	139.05

Dyn-O-Tie Gun



STOCK NO	EACH
8229 DIT-2 . . . . . 8229INTO	66.19

Dyn-O-Ties



SIZE	STOCK NO	EACH
36"	8322DUTI	.40
48"	8323DUTI	.98

Note: 7" Cable Ties Located on Page 649

DS100 Shurstrap™ Duct Hanging Strap



Lightweight, strong and durable, while providing excellent tensil strength.Resists aging, corrosion, abrasion, chemical and mildew. Easy to use.

SIZE	STOCK NO	EACH
1¾"x 260'	2DUST	5.70

Duroseal® Duct Sealer

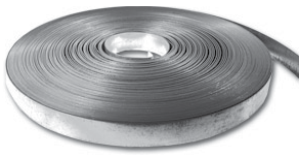


For sealing air handling systems, up to 15 w.g., UL181B-M listed. Exceeds all SMACNA pressure and sealing classes. For low, medium and high pressure duct systems, indoor and outdoor use.

No. 5233/5231

SIZE	STOCK NO	EACH
1/10 Gal. Cartridge.	DD5233	5.26
Gallon.	DD5231	22.05

Coiled Duro Strap



Galvanized hanging strap, 30 Guage.

SIZE	STOCK NO	EACH
1½"x 100'	DD13167	50.76

Bramec Metal Duct Strap

Sioux Falls Code Approved, 24 Guage.

SIZE	STOCK NO	EACH
1"x 100'	BR14309	32.05

Gasketing

SIZE	STOCK NO	PER FOOT
No. 21042 Butyl Gasket		
25' Minimum.	DD21042	.33
No. 21043 Neoprene Gasket		
50' Minimum.	DD21043	.66

Dyn-O-Loc



DOMRL12

Tie rods can support duct sizes over 48" Insert into the ends of the hollow tie rods to provide a means of attaching the rods to the duct Tested to withstand over 1900 lbs.

SIZE	STOCK NO	EACH
½"	DD21097	399.32

Looped Cable with Dyna-Tite Lock Kit



Includes Wire rope with pre-looped cable end. The remaining wire rope "drop" is passed through a channel in the Dyna-Tite Cable Lock Kit provided

SIZE	SAFE LOAD	STOCK NO	EACH
5', 1½" Loop	25-150 lbs.	DD31085	10.22
25', 2" Loop	25-250 lbs.	DD30196	23.30

Speed Link Cable Supports see page 1503

90° Eyelets & Cable Assembly



Zinc plated Dyna-Tite 90° Eyelet swaged to the wire rope cable with a hydraulic press.

Safe Working Load 25-150 lbs.

Use CL12 Cable Locks (Stock No DD30351)

EYELET SIZE	CABLE LENGTH	STOCK NO	EACH
¼"	10'	DD30145	7.32

Dyn-O-Mate "J" Flange



DOMJ Flange - 20 Gauge Steel

SIZE	STOCK NO	EACH
12 ft.	DD21234	49.61
20 ft.	DD21230	82.69

DDJ Corner



For use with DOMJ Flange.
12 Gauge Steel • Nuts/Bolts Sold Seperately.

ITEM NO.	STOCK NO	EACH
21240	DD21240	1.70

Dyna-Tite Bracket



Used with rectangular ductwork and equipment with pre-assembled cable lock

STOCK NO	EACH
DD30361	5.36

Dyn-O-Wrap



Puncture Resistant

Light Blue Tint, UV Resistant, Waterproof.

SIZE	STOCK NO	EACH
24" x 200'	DD13382	68.22
36" x 200'	DD13386	95.95

Dyn-O-Mate Cleats



Metal Quad Cleat

For use with "J" Flange, TDC, TDF and TDX Connections • 22 Gauge Steel

SIZE	STOCK NO	EACH
6"	DD21259	.52

Duct Fabric

Neoprene

TDC/TDF Black Woven Fiberglass with Neoprene Coating. UL Classified R4462
4" Metal x 4" Fabric x 4" Metal

LENGTH	STOCK NO	EACH
100'	DD10211	623.14

TDC Corner



For use in corner insertion machines.
16 Gauge Steel • Nuts/Bolts Sold Seperately.

ITEM NO.	STOCK NO	EACH
DDCS • STACKABLE		
21245	DD21245	1.18
DOMC • NON-STACKABLE		
21254	DD21254	.84

Dyna-Tite Cable Locks



CABLE SIZE	STOCK NO	EACH
3/16" (CL23)	DD30350	9.62
3/32" (CL12)	DD30351	4.24
1/8" (CL18)	DD30354	6.42

Dyna-Tite Cable Lock Wire Rope



SIZE	STOCK NO	EACH
3/32" x 500' (WC3)	DD30202	233.39
1/8" x 500' (WC4)	DD30204	261.74

Hollow Turning Vanes & Rails



SIZE	STOCK NO	EACH
10' Turning Vanes		
2" 26ga.	DD13203	37.28
4" 24ga.	DD13207	72.58
10' Vane Rails		
2" 22ga.	DD13300	35.04
4" 22ga.	DD13302	52.89

Duct Board and Accessories (27)

Duct Board

Made from resin-bonded fibrous glass in rigid boards, adhered to a tough, flame-retardant foil facing.

SIZE	STOCK NO	EACH
1"x48"x120'	48X120DB	159.63

Duct Liner

SIZE	STOCK NO	EACH
½"x48"x100' (R-2.4)	12DULI	570.31
1"x47"x100' (R-4.3)	1DULI	693.49
2"x47"x50' (1.5-PFC)	2DULI	651.43

Outside Wrap R-4.2

SIZE	STOCK NO	EACH
1½"x48"x100'	112DUWR	296.70

Tri-Star Duct Wrap

R-8 • 3" x 50' • ¾#

STOCK NO	EACH
350R8DUWR	277.57

(29)

"Twist-Lok" Fitting



No. 90

SIZE	STOCK NO	EACH
6"	6TWLO	11.64
8"	8TWLO	12.46

(29)

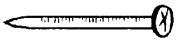
Plain Ductboard Take-off



No. 89

SIZE	STOCK NO	EACH
6"	6PLDUTAO	7.35
8"	8PLDUTAO	9.36
10"	10PLDUTAO	12.21

Spotter Pins



1000 Pack

LENGTH	STOCK NO	EACH
1¼"	SPPI	58.93

Spotter Clips



PC-1
1¼" Square—(1000 Pack)

STOCK NO	EACH
SPCL	104.34

Self-Adhesive Hangers



With PC-1 Washers

SIZE	STOCK NO	EACH
¾"	34SEADHA	61.61
1¼"	114SEADHA	63.30

"GRIP LOC" seam



Black Excelon, Metal Fab—24 Gauge Galv.
3" Metal, 3" Fabric, 3" Metal

DESCRIPTION	STOCK NO	EACH
100' Roll	MBX4100	437.40

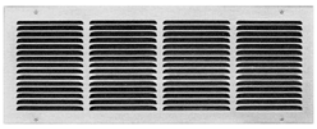
"GUARD LOC" seam

Black Excelon, Junior Connector—28 Gauge
1¾" Metal, 3" Fabric, 1¾" Metal

DESCRIPTION	STOCK NO	EACH
100' Roll	JBX100	338.52
Cut-to-Measure		
Per Foot	FTJBX	3.13

Shoemaker Registers and Grilles (30)

shoemakermfg.com



Return Air Grille

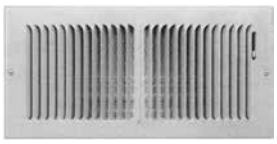
1050 Series - Soft White
½" spacing dual angular louvers.
Vision-proof louvers when installed
in high or low sidewall positions.

SIZE	STOCK NO	EACH
8x4"	SH105084	10.54
8x8"	SH105088	13.57
10x6"	SH1050106	6.61
10x8"	SH1050108	16.36
10x10"	SH10501010	20.59
12x4"	SH1050124	16.72
12x6"	SH1050126	7.09
12x8"	SH1050128	17.76
12x10"	SH10501210	23.04
12x12"	SH10501212	25.35
14x6"	SH1050146	5.71
14x8"	SH1050148	9.11
14x10"	SH10501410	25.35
14x12"	SH10501412	27.62
14x14"	SH10501414	16.22
16x8"	SH1050168	20.59
16x10"	SH10501610	27.66
16x16"	SH10501616	37.63
18x18"	SH10501818	46.06
20x8"	SH1050208	24.11
20x20"	SH10502020	63.65
24x6"	SH1050246	14.53
24x8"	SH1050248	17.88
24x12"	SH10502412	40.08
24x14"	SH10502414	46.59
24X16"	SH10502416	52.91
24x24"	SH10502424	80.00
30x6"	SH1050306	13.37
30x8"	SH1050308	18.10
30x10"	SH10503010	47.13

Return Air Grille

1033 Series - Soft White
⅓" spacing dual angular louvers.
Vision-proof louvers when installed
in high or low sidewall positions.

SIZE	STOCK NO	EACH
14x6"	SH1033146	6.84
30x6"	SH1033306	16.56



850 Series

Stamped 2-Way Diffuser
850 Series - Soft White
½" Fan-shaped louvers. Heavy construction.
Foam gasket. Steel Multi-shutter damper

SIZE	STOCK NO	EACH
8x4"	SH850084	10.67
8x8"	SH850088	25.47
10x4"	SH850104	8.47
10x6"	SH850106	9.13
12x4"	SH850124	9.29
12x6"	SH850126	9.85
12x8"	SH850128	24.17
14x6"	SH850146	12.23
14x8"	SH850148	17.33
16x8"	SH850168	34.99



3-Way Diffuser

845 Series - Soft White
For ceiling or sidewall applications.

SIZE	STOCK NO	EACH
10x6"	SH845106	18.88
12x6"	SH845126	20.84



Perimeter Floor Diffuser

350 Series
Multi-degree louvers. Positive volume balance tab.
Heavy gauge cold-rolled steel.

SIZE	STOCK NO	EACH
White		
2x10"	SH350210W	8.02
2X12"	SH350212W	7.59
2x14"	SH350214W	11.03
4X8"	SH35048W	18.81
4X10"	SH350410W	9.65
4x12"	SH325412W	9.25
4x14"	SH350414W	22.02
Tan		
2x10"	SH350210T	8.02
2x12"	SH350212T	7.59
2x14"	SH350214T	11.03
4X8"	SH35048T	18.81
4x10"	SH350410T	9.65
4x12"	SH325412B	9.25
4x14"	SH350414T	22.02
Bronze		
2x12"	SH350212BRONZE	13.56
4x10"	SH350410BRONZE	15.85
4x12"	SH350412BRONZE	18.32



Baseboard Diffuser

875 Series - White & Tan.
Lever operated multi-shutter damper.
3" deep x 5½" high.

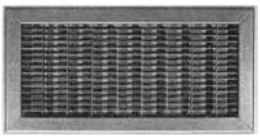
SIZE	STOCK NO	EACH
White		
15"	SH87515W	26.19
18"	SH87518W	19.80
24"	SH87524W	49.21
Tan		
15"	SH87515T	26.19
18"	SH87518T	19.80



955 Series

Adjustable Blade Baseboard
Soft White • Tamper Proof Screws.

SIZE	STOCK NO	EACH
14x6"	SH955146	79.92



Floor Grille

1600 Series - Driftwood Tan
Honeycomb construction.

SIZE	STOCK NO	EACH
6x10"	SH1600610	38.61
6x12"	SH1600612	42.57
6x14"	SH1600614	46.49
6x24"	SH1600624	66.21
6x30"	SH1600630	78.03
8x12"	SH1600812	50.42
8x14"	SH1600814	55.69
8x24"	SH1600824	81.96
10x12"	SH16001012	58.32
12x14"	SH16001214	74.07



Toe Space Grille

TS Series
heavy duty cold roll steel construction.

SIZE	STOCK NO	EACH
White		
2x12"	SHTS212W	7.91
Tan		
2x12"	SHTS212	7.91
2x14"	SHTS214	11.56
4x12"	SHTS412	13.07
Bronze		
2x12"	SHTS212BRONZE	13.28



Baseboard Return Air Grille

1150 Series - White & Tan - ½" Spacing

SIZE	STOCK NO	EACH
White		
12x6"	SH1150126W	12.08
14x6"	SH1150146W	11.31
14x8"	SH1150148W	13.07
24x6"	SH1150246W	14.80
24x8"	SH1150248W	18.99
30x6"	SH1150306W	16.38
30x8"	SH1150308W	23.68
Tan		
14x6"	SH1150146T	12.24
14x8"	SH1150148T	13.07
24x6"	SH1150246T	22.05
30x6"	SH1150306T	17.76
30x8"	SH1150308T	25.10



Baseboard Grille

1165 Series - Soft White

SIZE	STOCK NO	EACH
14x6"	SH1165146	64.14
30x6"	SH1165306	72.17



Baseboard Return Air Grille

1133 Series - White & Tan - ⅓" Spacing

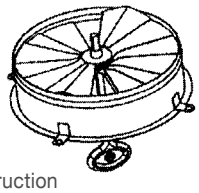
SIZE	STOCK NO	EACH
White		
14x6"	SH1133V146W	12.14
30x6"	SH1133V306W	20.94
Tan		
14x6"	SH1133V146B	13.70



Step Down Round Diffuser

- 90 Series - Soft White
- All steel construction
- Foam gasket ensures tight air seal

SIZE	STOCK NO	EACH
6"	SH906	15.20
8"	SH908	18.04
10"	SH9010	34.21
12"	SH9012	45.52



Bow-Tie Damper Assembly

- 91 Series
- All steel galvaneal construction
- Nylon rack and pinion gears
- Knob adjustment

SIZE	STOCK NO	EACH
6"	SH916	23.59
8"	SH918	29.14
10"	SH9110	49.60
12"	SH9112	61.97



USR34 Universal Spiral Grille

- Double deflection adjustable blade grille
- Allows for 4-way airflow adjustment
- Galvanized steel construction
- High quality foam gasketing for tight seal

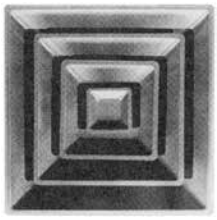
SIZE	STOCK NO	EACH
16 x 3"	SHUSR34FS163	95.23
16 x 6"	SHUSR34FS166	109.74
20 x 6"	SHUSR34FS206	116.60
24 x 6"	SHUSR34FS246	132.16

(02)



Malco White Register Screws

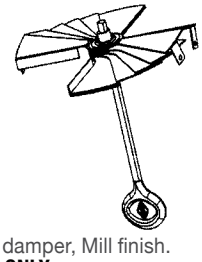
PACK QTY.	STOCK NO	EACH
50 Pack	HW8X112ZW	8.35



T-Bar High Volume Diffuser

FTD Series - Soft White
Fixed Louver T-Bar Diffuser.

SIZE	STOCK NO	EACH
6"	SHFTD6	61.86
8"	SHFTD8	61.86
10"	SHFTD10	61.86
12"	SHFTD12	61.86
14"	SHFTD14	61.86



Bow-Tie Damper

BTD Series
Field installation butterfly damper, Mill finish.
FOR USE WITH FTD SERIES ONLY.

SIZE	STOCK NO	EACH
6"	SHBTD6	22.61
8"	SHBTD8	23.52
10"	SHBTD10	25.45
12"	SHBTD12	28.28
14"	SHBTD14	31.75



600FG - Aluminum Lattice Filter Grille

- ½" x ½" x ½" Aluminum lattice
- Hinged removable extruded aluminum face frame with signature line marks
- Hinges parallel to longest side
- Face set in an outer aluminum filter grille frame
- Hand operated lever for easy filter access
- 4-way reversible door on square sizes
- 2-way reversible door on rectangular sizes
- Concealed mounting holes with screws

SIZE	STOCK NO	EACH
2' x 2' Soft White	SH600TFG	211.61



600T - Aluminum Lattice Return Air Grille T-Bar with Frame

- ½" x ½" x ½" Aluminum lattice T-Bar lay-in return air grille
- Extruded aluminum frame with signature line marks
- Lattice material 90% free area
- Square collar designed for 22" x 22" duct
- Rust resistant pre-coat; durable powder finish

SIZE	STOCK NO	EACH
1' x 2' Soft White	SH600T1X2	47.47
2' x 2' Soft White	SH600T2X2	85.51



Perforated T-Bar Fiberglass Back Diffuser

111 Series
2' x 2' - 22ga. steel perforated face.

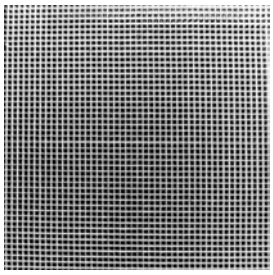
SIZE	STOCK NO	EACH
2' x 2'	SH111	56.44



Filter Grille

FG2 Series - Soft White
For 1 or 2" thick standard filter (not included).
Removable face. Hinged on long side.

SIZE	STOCK NO	EACH
20x14"	SHFG2014	71.46
20x16"	SHFG2016	77.99
20x20"	SHFG2020	91.97
25x14"	SHFG2514	83.09
25x16"	SHFG2516	91.97
25x20"	SHFG2520	111.07

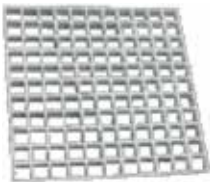


T-Bar Aluminum Lattice

AL Series - Soft White
½x½x½" aluminum lattice only return air T-Bar lay-in grille

SIZE	STOCK NO	EACH
12x24"	SHAL1224E	24.24
24x24"	SHAL2424E	45.07

(27)

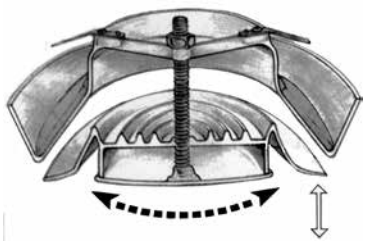


Bramec Egg Crate Louvers

White Polystyrene - ½" Open Cell Grid

DESCRIPTION	STOCK NO	EACH
⅜" thick 2'x4'	2X4EGCR	26.36
½" thick 2'x2'	2X2EGCR	22.98

Easy Air Grilles & Fittings(27)



Ceiling and Wall Diffuser

- Molded round plastic grille.
- Non-sweating - paintable - match any ceiling
- Fully adjustable for room to room "balancing"
- Superior, quiet air distribution.
- Save time on installation, no special tools required
- Can be used for supply and exhaust air
- Available to fit 4", 5", 6", & 8" round duct
- White

SIZE	STOCK NO	EACH
4"	4EAGR	5.72
5"	5EAGR	5.46
6"	6EAGR	9.70
8"	8EAGR	12.48

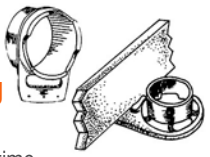
Terminator Collar



- Quick and easy installation with no sharp edges
- Can be used for ceiling or wall terminations
- Perforated mounting flanges for screws or nails
- Preset for ½" and ⅝" drywall
- 90° back-stop for a level, uniform installation
- Off-set from joist for easy install of ducting and clearance for application of tape or sealer
- Duct-Stop-Point ensures no screws penetrate the collar and impede insertion of the grille
- A rigid bottom flange guarantees the drywall router tool conforms to the circular opening
- Bottom flange for a permanent air seal
- V-shaped indentations on bottom edge for centering with previously installed fixtures

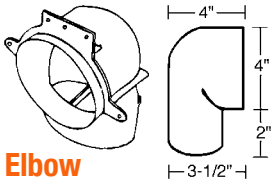
SIZE	STOCK NO	EACH
4"	4EATM	16.10
5"	5EATM	16.10
6"	6EATM	16.10

Quick Mount Fitting



- All white plastic design
- Will not rust or sweat
- Simple to install - saves time
- Can be used for ceiling or wall applications
- Easy air grille pushes into quick mount
- White

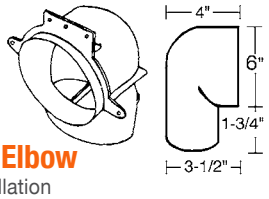
SIZE	STOCK NO	EACH
6"	6EAQMF	9.99



4" Stack Head Elbow

- Ideal for wall installation
- Fits neatly in 2 x 4 walls
- Quick rough-in, easy to secure in place
- Good airflow - no leaks
- Adapts to 4" Easy Air grille
- White plastic

SIZE	STOCK NO	EACH
4"	4EAWF	6.66



6" Stack Head Elbow

- Ideal for wall installation
- Fits neatly in 2 x 4 walls
- Quick rough-in, easy to secure in place
- Good airflow - no leaks
- Adapts to 6" Easy Air grille
- White plastic

Fits 6" oval pipe

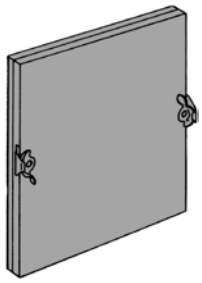
SIZE	STOCK NO	EACH
6"	6EAWF	12.77



Ceiling/Wall Fitting

- Installation through sheet rock or ceiling tile
- Fits neatly in 2 x 4 walls
- Quick rough-in-easy to secure in place
- Good airflow - no leaks
- Adapts to 4" Easy Air grille
- White plastic

SIZE	STOCK NO	EACH
6"	6EACWF	6.66



(27)

Insulated Duct Access Doors

- 1" fiberglass installatio
- 24 gauge galvanized steel door panel
- 24 gauge galvanized steel frame
- Pre-formed galvanized steel tabs

Model ADC-D with cam latches

SIZE	STOCK NO	EACH
6x6"	ADCD6X6	13.00
8x8"	ADCD8X8	14.03
10x10"	ADCD10X10	16.75
12x12"	ADCD12X12	18.47
14x14"	ADCD14X14	22.40
16x16"	ADCD16X16	24.10
18x18"	ADCD18X18	30.43
20x20"	ADCD20X20	40.70
24x24"	ADCD24X24	42.57

EWC Motorized Dampers

- Heavy Duty Frame
- Nylon Bushings for Quieter Operation
- LED's to Show Damper Operation
- Low Leakage
- Simple 3-wire Hook-up
- Avalable in 8x6" thru 30x30"



ND Side Mount Damper

Vertical blades

SIZE WXH	STOCK NO	EACH
10x8"	10X8SND	198.44
12x8"	12X8SND	203.61
14x8"	14X8SND	206.71
16x8"	16X8SND	209.29
18x8"	18X8SND	211.88
20x8"	20X8SND	217.04
22x8"	22X8SND	220.66
24x8"	24X8SND	224.79
14x10"	14X10SND	218.08
20x10"	20X10SND	234.10
20x12"	20X12SND	237.20
20x14"	20X14SND	241.33
20x16"	20X16SND	253.22
20x18"	20X18SND	262.52



ND Bottom Mount Damper

Horizontal blades

SIZE	STOCK NO	EACH
8x10"	8X10BND	205.67
8x12"	8X12BND	208.26
8x14"	8X14BND	211.36
8x16"	8X16BND	213.94
8x18"	8X18BND	217.04
8x20"	8X20BND	223.24
8x22"	8X22BND	226.86
8x24"	8X24BND	232.55
10x16"	10X16BND	227.90
10x14"	10X14BND	223.24
10x20"	10X20BND	241.85
12x14"	12X14BND	233.06
12x16"	12X16BND	235.65
12x18"	12X18BND	242.88

ND Bottom or Side Mount Damper

SIZE	STOCK NO	EACH
8x8"	8X8ND	196.89
10x10"	10X10ND	199.47
12x12"	12X12ND	218.08
14x14"	14X14ND	228.41
16x16"	16X16ND	242.88
20x20"	20X20ND	272.34

Motor Replacement Kit

Fits all dampers.

STOCK NO	EACH
MRK	107.49

Outdoor Air Sensor

Adjustable setting between 7° - 42°

STOCK NO.	EACH
OAS	36.17



Model URD

Round Damper

SIZE	STOCK NO	EACH
6"	URD6	152.45
8"	URD8	156.06
10"	URD10	160.20
12"	URD12	166.92



Model PRD-RD/CLBD Round Pressure Regulating Damper

Single blade, round variation of a barometric relief damper. Resistance is controlled by offsetting the arm and adjustment weights. The arm can be inserted into either side for added versatility.

CLBD - adjusts to .3"WV to .8"WC with set screw

SIZE	STOCK NO	EACH
8"	CLBD8	118.34
10"	CLBD10	124.02
12"	CLBD12	130.74



Model PRD Bypass Pressure Regulating

Single blade, steel, barometric damper with a counter balance weighted arm. The PRD provides an economical solution for bypassing excess air when zone dampers close.

SIZE	STOCK NO	EACH
20 x 10"	PRD20X10	132.81



Model SID Retro-Fit Damper

With MA-ND5 Motor Actuator

DUCT SIZE	STOCK NO	EACH
6"	SID6	120.92
8"	SID8	131.78



NCM-300 Control Panel

- Maximum of 3 zones
- Up to 2 stages of heating and 1 stage of cooling
- SAS sensor included for high and low temperature limit protection control

ZONES	STOCK NO	EACH
2-3	NCM300	216.01



BMPLUS Control Panel

- Maximum of 5 zones.
- Up to 3 stages of heating and 2 stage of cooling
- Heat pump (dual fuel kit built in)
- SAS sensor included for high and low temperature limit protection control

ZONES	STOCK NO	EACH
3	BMPLUS3000	251.15
5	BMPLUS5000	343.14



Ultra-Talk Control Panel

NOT Compatible with RUUD Econet Systems

- Maximum of 3 zones.
- Up to 2 stages of heating and 1 stage of cooling
- System auto-configures itself
- Compatible with RUUD
- Communicating Thermostats
- SAS sensor included for high and low temperature limit protection control

Communicating Zone System

ZONES	STOCK NO	EACH
3	UT3000	500.23



UZC-4 Control Panel

- Maximum of 4 zones
- Up to 4 stages of heating and 2 stage of cooling
- Works with Multistage Thermostat
- SAS sensor included for high and low temperature limit control

STOCK NO	EACH
UZC4	496.62

Up to 16 Zone options available for custom orders

Honeywell Home

resideo.com



(31)

Honeywell Wireless TrueZONE Kit

Includes Wireless FocusPRO Thermostat and Wireless Adapter

STOCK NO	EACH
Non-Programable	
YTH5320R1025	258.61
5-1-1 or 5-2 Day Programable	
YTH6320R1023	266.47
Wireless Adapter ONLY	
THM4000R1000	86.72



Honeywell TrueZONE Round Bypass Zone Damper

SIZE	STOCK NO	EACH
8"	CPRD8	159.61
10"	CPRD10	166.02
12"	CPRD12	169.83



(31)

Honeywell TrueZONE Panels

with Transformer & C7735A Sensor

STOCK NO	EACH
3-Zone 1H/1C	
HZ311K	231.85
3-Zone 2H/2C	
HZ322K	302.67
4-Zone 3H/2C Dual Fuel compatible with an outdoor sensor added	
HZ432K	540.18

Shurtape HVAC Tapes and Adhesives (27)

shurtape.com durodyne.com



Heavy Duty, Professional Grade Co-Extruded Cloth Duct Tape

- Made using Polybonded CO-EX Technology
- Excellent holding power (High tack)
- Easy to unwind and tear
- Withstands extreme temperature fluctuations
- Waterproof backing
- Applicable Standards: FSI 15/SDI 40; UL 723

No. PC 657

SIZE	COLOR	STOCK NO	EACH
2" x 60 yd	Silver	2DUTA657	19.02
2" x 60 yd	Black	2BLDUTA657	19.02
2" x 60 yd	White	2WHDUTA657	19.02



Cold Temperature Aluminum Foil Tape

- Excellent shelf life and indefinite product life after application
- Lined with paper release liner
- Superior stability during extreme fluctuations in temperature
- Resists water vapor, odor and smoke transmissions
- Applicable Standards: FSI 0/SDI 0; UL 723

No. AF 914CT & AF 975CT

SIZE	MIL	STOCK NO	EACH
2" x 50 yd	1.5	2ADUTA	12.61
3" x 50 yd	2	3ADUTA	17.54



Cold Temperature Foil/Scrim/Kraft Tape

- Maximum-strength acrylic adhesive
- Lined with paper release liner
- Superior stability during extreme fluctuations in temperatures
- Wrinkle-free backing resists tearing
- Resists water vapor and smoke transmission
- Applicable Standards: FSI 5/SDI 0; UL 723

No. AF 984CT

SIZE	STOCK NO	EACH
3" x 50 yd	3FSKADUTA	17.92



UL 181 A-P/B-FX Lister/Printed Aluminum Foil Tape

- Lined, 2 mil, dead-soft aluminim foil
- Excellent adhesion to rigid fiberglass ductboard and flexible air duct
- Flexible and easy to use to create airtight bonds
- Superior stability during extreme fluctuations in temperature
- Applicable Standards: UL 181A-P; UL 181B-FX; UL Listed; FSI 25/SDI 50; UL 723

No. AF 100 & AF 099

SIZE	STOCK NO	EACH
2½" x 60 yd	212AF099DUTA	20.43
EasyPEEL™ split liner		
2½" x 60 yd	212AF100EPDUTA	17.66



HVAC UL 181B-FX Listed Printed Cloth Duct Tape

- Resistant to flame spread, smoke generation, mold growth, humidity and the effects of high temperatures
- High holding power, superior shear strength, and easy to tear
- Applicable Standards: UL 181B-FX; UL Listed; FSI 15/SDI 30; UL 723

No. PC 857

SIZE	COLOR	STOCK NO	EACH
2" x 60 yd.	Silver	2FDUTA	20.11
3" x 60 yd.	Silver	3FDUTA	28.18



UL 181B-FX Listed Printed Film Tape

- Quick stick, High-tack, cold temperature acrylic
- Excellent conformability to uneven surfaces
- Easy to unwind and tear
- Color matches foil backed flex duct
- Applicable Standards: UL 181B-FX; UL Listed; FSI 25/SDI 50; UL 723

No. DC 181

SIZE	COLOR	STOCK NO	EACH
2" x 120 yd	Metallic	2ADUTA181	14.19
3" x 120 yd	Metallic	3ADUTA181	21.33



SPVC Line Set Tape

- UV-resistant, SPVC natural rubber adhesive
- Can be used in extensive temperature, moisture and humid conditions
- Meets OSHA color-coding requirements
- Standards: CID A-A-1689B, Type 1, Class 2

No. VP 410

SIZE	COLOR	STOCK NO	EACH
2" x 36 yd	White	2WLSTA	4.98
2" x 60 yd	Black	2BLSTA	8.33



UL 181B-FX Listed/Printed Shurmastic® Butyl Foil Tape

- Lined, non-flammable, butyl rubber
- Instant, water-resistant grip to most surfaces
- Paintable and recommended for aluminum
- Contains no asbestos, CFCs or PCBs
- Applicable Standards: UL 181B-FX; UL Listed; Pressure Classes SMACNA 1/2, 1, 2, 3, 4 & 6; Seal Classes A, B, C; UL 723

No. SF 686

SIZE	STOCK NO	EACH
2"x 100 ft	2SFDUTA	31.14
3"x 100 ft	3SFDUTA	45.64



WIT Adhesive

- Water based adhesive for bonding insulation material to sheet metal
- Designed for use with spray equipment
- Good wet track
- Non-flammable when wet

Stir water adhesives well before use

SIZE	STOCK NO	EACH
1 Gallon	GAWITAD	59.69



ASA-WFTC Insulation Adhesive

Duro Dyne ASA-WFTC is a fast tacking, quick bonding solvent base aerosol spray duct liner adhesive. It may be used for bonding low and high density duct liner or wrap to the interior or exterior of metal ductwork.
ASA-WFTC bonds rubber, fiberglass, plastic, and other types of insulation to steel.
ASA-WFTC is non-flammable.

SIZE	STOCK NO	EACH
Aerosol Spray	ASAW	19.07

K-Flex Tape (24)

rectorseal.com



Foam Insulation Tape

Foam Tape-a NBR/PVC-based, closed cell, elastomeric tape with a factory-applied pressure sensitive adhesive that forms a long-lasting bond. It's perfect for short pipe runs or where tubing insulation is impractical to cover, such as covering fittings or valves.

SIZE	STOCK NO	EACH
2" x ⅛" x 30'	RE83041	14.70



Cork Tape

Cork Tape-a 55-percent cork-filled, rubber-based insulating tape with a grainy, rubber-like consistency; ideal for covering fittings & valves

SIZE	STOCK NO	EACH
2" x ⅛" x 30'	RE83040	29.35



Pipe wrap tape see page 1929

Wi-Fi Thermostats

Wi-Fi 9000 Color Thermostat



High-definition Touch Screen Display.
Remote access through a computer, tablet or smart phone with Total Connect Comfrot Service.
7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
TH9320WF5003	3H/2C	2H/2C	259.85

Wi-Fi VisionPro 8000 Thermostat



Remote access through a computer, tablet or smart phone with Total Connect Comfrot Service.
7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
TH8321WF1001	3H/2C	2H/2C	268.99

Lyric T6 Pro Wi-Fi Thermostats



Wired in/outdoor sensors. Includes Ventalation Control.
Geofencing, 7-day, 5-2, 5-1-1 or non-programmable.
Optional dual fuel (TH6320WF ONLY)

STOCK NO	HEAT PUMP	CONVENTIONAL	VENTILATION	EACH
TH6220WF2006	2H/1C	2H/2C	No	164.36
TH6320WF2003	3H/2C	2H/2C	Yes	221.27

D6 Pro Wi-Fi Ductless Thermostat



Compatible with most major mini-split brands and models. Infrared range to ductless unit in line of sight is 30 ft. USB cable or wall plug included (120 volt).
7 day, 5-2 day, or 1-week programs, non-programmable, or GeoFence with sleep periods all through Lyric App.

STOCK NO	EACH
DC6000WF1001	155.13

Lyric Accessories

Lyric C1 Wi-Fi Security Camera



Introducing the Lyric™ Wi-Fi Security Cameras. Versatile and easy to install indoors, the cameras notifies you on your smartphone or tablet if it detects unusual movement or sounds. You can set up one or many cameras to watch over your home, within the Lyric app.

- Intelligent Sound Detection
- High Definition Wide Angle View
- Adjustable Alert Zones
- Cloud and SD Storage
- Night Vision
- Two-way Talk

STOCK NO	EACH
CHC8080W1000	128.30

Honeywell Home from resideo

T-Series Thermostats

T3 Pro



Battery or Hardwired.
UWP wall plate and small cover plate included.
Heat or Cool Only, Non-programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	IN/OUT SENSOR	EACH
TH3110U2008	1H/1C	1H/1C	No	34.70

T10+ Pro Smart with RedLINK Sensor



Hardwired, with Wi-Fi, Humidity and Ventilation controls.
Room Occupancy Detection (Up to 200ft.)
Whole Home Contol or Intelligent Room Control

STOCK NO	HEAT PUMP	CONVENTIONAL	IN/OUT SENSOR	EACH
THX321WFS3001W	3H/2C	2H/2C	Yes	307.14

RedLINK Wireless Sensor 2-Pack



STOCK NO	EACH
C7189R20022	113.93

T4 Pro



Battery or Hardwired.
7 day, 5-1-1 day, 5-2 day, or Non-programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	IN/OUT SENSOR	EACH
TH4110U2005	1H/1C	1H/1C	No	61.73

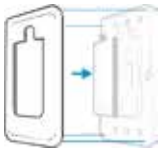
T6 Pro



Battery or C-wire.
7-day, 5-2 or non-programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	IN/OUT SENSOR	EACH
TH6210U2001	2H/1C	1H/1C	No	88.07
TH6220U2000	2H/1C	2H/2C	Yes	118.90
TH6320U2008	3H/2C	2H/2C	Yes	134.32

T-Series Cover Plate



For use with T4 Pro, T6 Pro, T6 Pro Slab, and Lyric T6 Pro Thermostats

STOCK NO	EACH
THP2400A1068	12.83

Floor Thermostats

T6 Pro Slab Thermostat



Room and floor thermostat Main.
Includes 15' Slab Sensor
7-day, 5-2, 5-1-1 or non-Programmable

STOCK NO	EACH
TH6100AF2004	133.89

Wireless Thermostats (31)

resideo.com

FocusPRO Series



FocusPRO RedLINK System Kit

Includes Thermostat, Equipment Interface Module & Return Air Sensor.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
FocusPRO 5000 • Non-Programmable			
YTH5320R1000	*3H/2C*	*2H/2C*	*344.46*
FocusPRO 6000 • 5-1-1 or 5-2 Day Programmable			
YTH6320R1001	*3H/2C*	*2H/2C*	*360.22*



FocusPRO RedLINK Thermostats

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
FocusPRO 5000 • Non-Programmable			
TH5320R1002	*3H/2C*	*2H/2C*	*205.06*
FocusPRO 6000 • 5-1-1 or 5-2 Day Programmable			
TH6320R1004	*3H/2C*	*2H/2C*	*217.97*

NOTE:
Wireless TrueZONE thermostat Kit please see page 827

Wireless Remotes

Portable Comfort Control

Acts as Portable Thermostat for use with RedLINK devices



STOCK NO	EACH
REM5000R1001	*154.42*

Wireless Vent & Filter Boost

Wireless Ventilation Timer



STOCK NO	EACH
HVC20A1000	*48.31*

Wireless Entry/Exit Remote

RedLINK™ One-Touch Temperature Control



STOCK NO	EACH
REM1000R1003	*54.89*

VisionPRO Series



VisionPro 8000 Kit

With TH8321R1001 & RedLINK™ Internet Gateway

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
YTH8321R1002	*3H/2C**	*2H/2C**	*332.93*

***Interface Module THM5421R1021 for more stages**



VisionPRO 8000 Thermostats

Touchscreen with RedLINK technology

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
TH8110R1008	*1H/1C**	*1H/1C**	*237.66*
TH8321R1001	*3H/2C**	*2H/2C**	*290.72*

***Interface Module THM5421R1021 for more stages**



Cover Plates

MODEL	STOCK NO	EACH
VisionPRO 8000	*32003796001*	*17.68*
FocusPRO 5000 & 6000	*50007298001*	*71.02*



Thermostat Sensors

STOCK NO	EACH
Outdoor Sensor	
C7089U1006	*39.70*
Indoor Sensor	
C7189U1005	*45.88*

Honeywell Home from resideo

RedLINK Wireless Technology

Prestige Series



Prestige 2-Wire IAQ Thermostat Kit

THX9421R5021WW Thermostat, Interface Module, RedLink Internet Gateway, & (2) Duct Sensors.

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
YTHX9421R5127WW	*4H/2C*	*3H/2C*	*455.28*



Prestige 2-Wire IAQ Thermostat Kit

THX9421R5021WW Thermostat, Interface Module, Wireless Outdoor Sensor, & (2) Duct Sensors.

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
YTHX9421R5101WW	*4H/2C*	*3H/2C*	*512.68*



Prestige 2-Wire IAQ Thermostat Kit

THX9421R5021WW Thermostat, Interface Module, & (2) Duct Sensors.

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
YTHX9421R5085WW	*4H/2C*	*3H/2C*	*435.30*



Prestige 2-Wire IAQ Thermostat

Touchscreen with RedLINK technology

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
THX9421R5021WW	*4H/2C*	*3H/2C*	*388.83*

RedLINK Accessories

Return Air Sensor

Mounts on Return Air for Back-up Control of non-zoned RedLink enabled thermostats.

STOCK NO	EACH
C7735A1000	82.92

FocusPRO Interface Module

Relocate thermostat or upgrade equipment without running new wires using this module and a wireless FocusPRO® thermostat

STOCK NO	EACH
THM5320R1000	196.65

RedLINK™ Internet Gateway

Internet Gateway connects RedLINK wireless thermostats to the the Internet to provide remote control of RedLINK thermostats and accessories.

STOCK NO	EACH
THM6000R7001	101.42

Wireless Adapter

Use with RedLINK enabled thermostats and TrueZONE system (page 825)

STOCK NO	EACH
THM4000R1000	86.72

RedLINK™ Remote Module

Eliminates wiring to thermostat

STOCK NO	EACH
ERM5220R1018	175.56

WireSaver

The K terminal on the thermostat can be used to operate both the fan/compressor on a single wire.
For Wi-Fi thermostats with needed common wire

STOCK NO	EACH
THP9045A1023	21.00

Wireless Outdoor Sensor

Senses Outdoor Temperature & Humidity

STOCK NO	EACH
C7089R1013	88.38

Wireless Indoor Sensor

Senses Indoor Temperature & Humidity

STOCK NO	EACH
C7189R1004	65.51

Interface Modules

Used with Prestige & VisionPRO
Upgrades up to 4 Heat / 2 Cool Heat Pump or Up to 3 Heat / 2 Cool Conventional

STOCK NO	EACH
THM5421R1021	104.96
Includes 2 Duct Sensors	
YTHM5421R1010	117.62

Pro Series

E1 PRO Digital Thermostats

Non-Programmable. Battery or Hardwire.

DESCRIPTION	STOCK NO	EACH
1 Heat & 1 Cool	TH1110E1000	28.94

PRO 1000 Digital Thermostats

Non-Programmable. Battery or Hardwire.

DESCRIPTION	STOCK NO	EACH
Heat ONLY 35-85°F	TH1100DV1000	39.25
Heat & Cool	TH1110DV1009	40.08

FocusPro Series

FocusPRO N100 Thermostats

Hardwire or battery
Temp. range 32° to 99°

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
Non-Programmable			
TH1110U4000	1H/1C	1H/1C	28.93
Non-Programmable			
TH1320U4002	3H/2C	2H/2C	56.42

FocusPRO P200 Thermostats

Hardwire or battery

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
Programmable 5-1-1 Day, 5-2 Day, 7 Day, or 1 Week			
TH2110U4004	1H/1C	1H/1C	41.95
Programmable 5-1-1 Day, 5-2 Day, 7 Day, or 1 Week			
TH2320U4006	3H/2C	2H/2C	66.56

FocusPRO S200 Smart Thermostats

Hardwire, C-wire Required WiFi, 2.4 or 5 GHz

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
Programmable 5-1-1 Day, 5-2 Day, 7 Day, or 1 Week			
TH2110WF4008	1H/1C	1H/1C	79.57
Programmable 5-1-1 Day, 5-2 Day, 7 Day, or 1 Week			
TH2320WF4010	3H/2C	2H/2C	98.40

Mercury FREE

The Round® Thermostats

Electronic switch, 40° to 90°. 5-Year Warranty.

DESCRIPTION	STOCK NO	EACH
Heat ONLY	T87K1007	52.98
Heat & Cool	T87N1000	77.53

Easy-To-See Thermostat

Raised and enlarged 5, 6, 7, and 8 represent 50, 60, 70 and 80°F, reading & setting ease for 24 Vac.

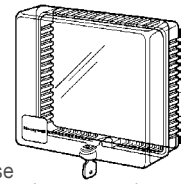
DESCRIPTION	STOCK NO	EACH
Heat & Cool	T87N1026	97.04

Garage Thermostat

Single Stage • 35° - 85° Range

DESCRIPTION	STOCK NO	EACH
Heat ONLY	T822K1042	47.78

Subbases

Universal Thermostat Guard

This therostats guards enclose and protect wall thermostats against tampering, damage and unauthorized thermostat adjustments

SIZE	STOCK NO	EACH
Medium	TG511A1000	35.28

Honeywell Home from resideo

Line Voltage Thermostats

Winter Watchman

Used as a freeze warning device. Plug in household lamp to bottom of receptacle. On temperature fall circut completes to lamp indicating inoperative heating equipment.

STOCK NO	EACH
S483B1002	50.28



Honeywell Home from resideo

PRO Thermostats

Pro1 T751i Universal Wi-Fi Thermostat

NEW ITEM

Programmable Through App, Hardwire Only.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
T751I	4H/2C	2H/2C	128.15



Pro1 T755WHO Wireless Universal Thermostat

NEW ITEM

Battery or Hardwire • 7 Day, 5/1/1 or Non-Programmable Occupancy Sensor • Humidity Control

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
T755WHO	4H/2C	2H/2C	184.36



Pro1 Wireless Remote Sensors

NEW ITEM

Accessory for the T755WHO

STOCK NO	EACH
R751WO	79.04
R250W (Outdoor)	79.04



PRO Thermostats

Pro1 T701i Wi-Fi Thermostat

Programmable Through App, Hardwire Only.

STOCK NO	CONVENTIONAL	EACH
T701I	1H/1C	101.78



Pro1 T855i Wi-Fi Thermostat

7 Day - 5/1/1 - 5/2 or Non-Programmable, Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
T855ISH	3H/2C	2H/2C	171.97



Pro1 800 Series Thermostats

T-805 • 7 Day - 5/1/1 Programmable, Battery or Hardwire.

STOCK NO	CONVENTIONAL	EACH
PD411064	1H/1C	96.12

T-855 • 7 Day - 5/1/1 Programmable, Battery or Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
PD411065	3H/2C	2H/2C	110.11



Pro1 700 Series Thermostats

T-701 • Non-Programmable, Battery or Hardwire.

STOCK NO	CONVENTIONAL	EACH
PD411060	1H/1C	45.88

T-705 • 7 Day - 5/1/1 Programmable, Battery or Hardwire.

STOCK NO	CONVENTIONAL	EACH
PD411061	1H/1C	53.34

T-721 • Non-Programmable, Battery or Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
T721	2H/1C	1H/1C	65.38

T-755 • 7 Day - 5/1/1 or Non-Programmable, Battery or Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
PD411085	3H/2C	2H/2C	93.23

T-755S • 7 Day - 5/1/1 or Non-Programmable, Battery or Hardwire. Remote & Outdoor Temperature Sensor Capable.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
PD411097	3H/2C	2H/2C	116.85

T-755H • 7 Day - 5/1/1 or Non-Programmable, Battery or Hardwire. With Humidity Control.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
PD411089	3H/2C	2H/2C	270.26

T-771 • Non-Programmable. Battery or Hardwire. Setpoint range from 25°F to 99°F, great for garages.

STOCK NO	DESCRIPTION	EACH
PD411072	1 Heat/1 Cool Only	44.91



T-701



T-705



T-755 Series



T-771

Pro1 Remote Outdoor Sensor

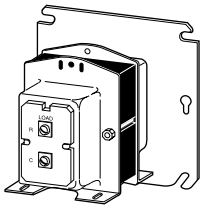
For use with T-55S (PD411097)

STOCK NO	EACH
PD411098	34.75



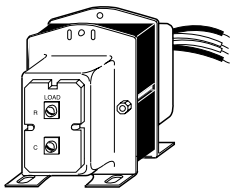
NOTE:
For T925 (411067) Heat Pump thermostat please see page 725

Transformers



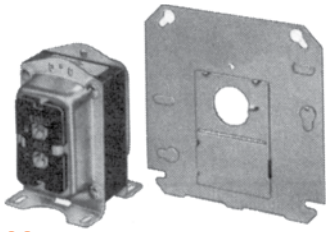
AT72D1683
Nema Standard Transformer
For 24V control circuit step-down transformer designed to power any 24V control system, including thermostats, gas valves and/or relays. 120V Primary. 40VA Cap.

STOCK NO	EACH
AT72D1683	41.34



AT87A1106
Nema Standard Transformer
Used primarily for powering 24V air conditioning circuits. Can also be used in other applications that do not exceed the listed ratings. 120/208/240 Primary. 45VA Cap.

STOCK NO	EACH
AT87A1106	54.89



AT175A1008
General Purpose Transformer
Provide power to 24 Vac circuits in heating/cooling control systems. Intended for use in systems with predictable, uniform loads. Can be used in any application that does not exceed th listed ratings. Foot-mounted, plate-mounted on 2x4" or 4x4"outlet box, clamp-mounted using outlet box knockout, or panel-mounted. Screw terminals, 120/208/240 primary voltage. 75VA output.

STOCK NO	EACH
AT175A1008	63.19



AT140A1000
General Purpose Transformer
40 VA, Universal Mount (foot, plate, clamp) 120 Vac transformer.

STOCK NO	EACH
AT140A1000	22.99



Fan and Limit Controller
125°F fan on & 100°F fan off stops, 200°F high limit and 11-½" insertion.

INSERTION	STOCK NO	EACH
11½"	L4064B2210	165.59
5"	L4064B2228	159.39

Universal Integrated Furnace Control

STOCK NO	EACH
S9200U1000	180.98

Electronic Timer

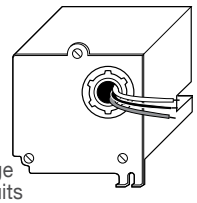
STOCK NO	EACH
ST9120U1011	203.36

Carbon Monoxide Detectors (2)
aerionics.info



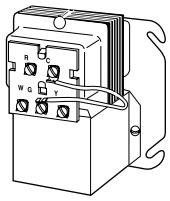
Carbon Monoxide Detector
Detector, Controller & Transducer
Low voltage, dual relay.
Selectable options include:
- Fan relay actuation: selectable at 15, 25, 35 (default), 50 or 100 ppm CO
- Output: Fan relay, Alarm relay and 4-20mA current loop
- Controls: Digital display (0-200 ppm), buzzer, fan delay, fan minimum runtime

STOCK NO	EACH
CM6	575.12



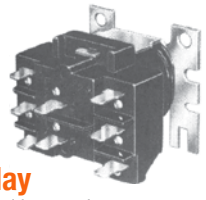
Fan Relays
Provides control of line voltage fan motors and auxiliary circuits in heating, cooling or heating-cooling system.

STOCK NO	EACH
R8225A1017	96.09



Fan Centers
Provide 24-volt control of line voltage fan motor and auxiliary circuits in heat, cool, or heat/cool systems. Step-down transformer provides low voltage power. Mounting plate replaces cover of standard 4x4" junction box.

DESCRIPTION	STOCK NO	EACH
SPDT (Plug in)	R8239A1052	72.73
DPDT	R8239B1076	102.38

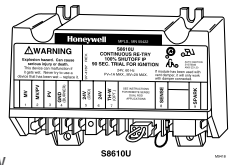


General Purpose Relay
Provides general purpose and heavy duty switching for refrigeration and air conditioning equipment, appliances, vending machines and similar applications.
Double quick-connect coil terminals.
Untaped coil assures cooler operation.
Basic designed for easy replacement of old relays.

VOLTAGE	STOCK NO	EACH
24v	R8222D1014	27.37

Honeywell Home
from resideo

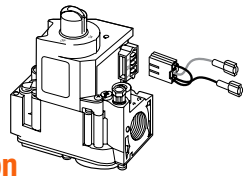
Universal Intermittent Pilot Module



Field service replacement for most Honeywell, Robert Shaw, Johnson and UTEC(HSC) intermittent pilot ignition modules. 100 percent pilot gas shut-off and lockout on loss of pilot flame. Includes remote reset and automatic vent damper plug. For use in systems with combination igniter-sensor(single rod or sense) or separate igniter and sensor (dual rod or remote sense). Natural or LP gas.

STOCK NO	EACH
S8610U3009	158.76

VR8345M Universal Electronic Ignition Combination Gas Control



For use with direct spark ignition, hot surface ignition or intermittent pilot ignition in 24 VAC, gas-fired appliances with capacities from 30 to 415 cfh. Control includes manual valve, two automatic operators, pressure regulator, pilot adjustment, pilot plug and ignition adapter. For use with natural or manufactured gas or LP gas. Includes converter kit to adapt from natural to LP gas.

STOCK NO	EACH
VR8345M4302	177.91

Honeywell Home from resideo

VR8300 Combination Gas Controls



Single Stage, Standard Opening, Standing Pilot Gas Valve ¾" x ¾" • Set 3.5" WC 30-300 CFH

STOCK NO	EACH
VR8300M4406	193.75

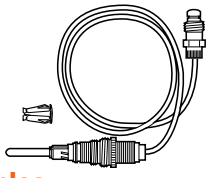
Q314A4586 Pilot Burner



Non-primary aerated, insert orifice-type pilot burner.

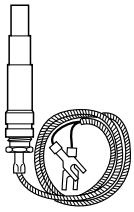
STOCK NO	EACH
Q314A4586	50.31

Honeywell Q340A Universal 30 mV Thermocouples



LENGTH	STOCK NO	EACH
18"	Q340A1066	12.10
24"	Q340A1074	12.60
30"	Q340A1082	13.35
36"	Q340A1090	13.82

Replacement "Thermopile" Generators



Provides power for a millivoltage self-powered control system. Thermopile generator, 600-750mV, 35" leads, use with Q314.

LENGTH	STOCK NO	EACH
47"	Q313A1055	85.77
35"	Q313A1139	73.57

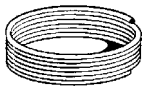
Honeywell Glowfly™ Universal Hot Surface Igniter



OEM quality. Three year warranty.

DESCRIPTION	STOCK NO	EACH
Single	Q3200U1004	46.63
6 Pack	Q3200U2002	268.47

(27)
Aluminum Pilot Tubing



SIZE	STOCK NO	EACH
50' Coil	14X50AL	32.90

(42)
Pilot Tubing Kit

with fittings

SIZE	STOCK NO	EACH
¼" OD x 5'	803008	16.23

(21)
181SP Nut with Breakaway Sleeve



STOCK NO	EACH
14ALN	2.03

(36)
Gas Line Labels

Roll of 250

STOCK NO	EACH
DJV5751	48.95

(21)
Motor-Mate Universal Capacitor

STOCK NO	EACH
MMUNICAP	74.42

Direct Ignition Gas Valve Replacement

24v, Single Stage. ½" x ½" Set 3.5"

OPENING	STOCK NO	EACH
Slow	VR8215T1502	107.04
Standard	VR8215S1503	107.04



325 Series Maxitrol Lever Acting Gas Appliance Pressure Regulators

- Not a line regulator
- LP gas applications
- Full lock-up Spring 4-12”
- Maxitrol tested up to 10 psi

SIZE	PRESSURE DROP .64 SP GR GAS IN CFH	STOCK NO	EACH
Vent not available			
½"	204	123253445PSI	38.93
½"	476	123255A5PSI	75.26
¾"	583	343255A5PSI	75.26
1"	673	13255A5PSI	75.26

325 Series 10 P.S.I. Specifications		
Model	Individual Load	Combined Load
325344 (½")	100 CFH	150 CFH
3255A (½")	325 CFH	325 CFH
3255A (¾")	325 CFH	325 CFH
3255A (1")	325 CFH	325 CFH



325 Series Lever Acting Design

- CSA Certified: 2 psi Max.
- Line Regulator w/Vent Limitation
- Positive Dead-End Lockup
- ANSI Z21.80/CSA 6.22 Line Pressure Regulator
- Certified Spring 7" to 11" w.c.
- Suitable for multi-positional mounting, Upright only with Vent Limiter/Protector.

MODEL	SIZE	STOCK NO	EACH
With Vent Limiter			
325-3L	⅜"	383253	40.14
	½"	123253	27.42
325-5L	½"	123255	65.13
	¾"	343255	62.49
	1"	13255	65.13
Without Vent Limiter			
325-7AL	1¼"	1143257AL	160.94
	1½"	1123257AL	160.94
325-9L	1½"	1123259L	349.34
	2"	23259L	349.34

325 Series 2 P.S.I. Specifications			
Model	Individual Load	Combined Load	For use with Vent Limiter
325-3L (⅜",½")	140 CFH	250 CFH	12A09 Included
325-5L (½")	425 CFH	500 CFH	12A39 Included
325-5L (¾",1")	425 CFH	600 CFH	12A39 Included
325-7AL (1¼", 1½")	1250 CFH	1250 CFH	12A49
325-9L (1½",2")	2250 CFH	2250 CFH	12A49
Capacity table is used to determine the maximum multiple appliance load. The largest, single appliance served by regulator should not exceed the maximum, individual load specified above.			



Lever Acting Design

- Line Regulator with OPD
- For piping systems up to 5 psi.
- Positive Dead-End Lockup
- ANSI Z21.80/CSA 6.22 Line Pressure Regulator
- Certified Spring 7" to 11" w.c.
- Suitable for multi-positional mounting

MODEL	SIZE	STOCK NO	EACH
With Vent Limiters			
325-3L48	½"	123253L48	64.61
325-5L48	½"	123255L48	107.01
	¾"	343255L48	98.40
325-5L600	¾"	343255L600	213.80
	1"	13255L600	213.80

325 Series 5 psi Specifications		
Model	Total Load	Vent Limiter
325-3L48 (½")	200 CFH	2 - 12A09 Included
325-5L48 (½")	235 CFH	12A09 & 12A39 Included
325-5L48 (¾")	320 CFH	12A09 & 12A39 Included
325-5L600 (¾")	425 CFH	12A09 & 12A39 Included
325-5L600 (1")	465 CFH	12A09 & 12A39 Included

Lever Acting Design

- Line Regulator with OPD
- For piping systems up to 5 psi.
- Positive Dead-End Lockup
- ANSI Z21.80/CSA 6.22 Line Pressure Regulator
- Certified Spring 7" to 11" w.c.
- To be mounted in a horizontal upright position only. Upright only with Vent Limiter/Protector.

MODEL	SIZE	STOCK NO	EACH
Without Vent Limiter			
325-7AL210D	1¼"	1143257L210D	592.94
	1½"	1123257L210D	592.94
325-9L210E	1½"	1123259LOPD	1362.47
	2"	23259LOPD	1362.47

325 Series 5 psi Specifications		
Model	Total Load	For use with Vent Limter
325-7AL210D (1¼)	900 CFH	12A39
325-7AL210D (1½")	900 CFH	12A49
325-9L210E (1½,2")	2250 CFH	12A49



Vent Limiters

For use with models:
325-7AL210D, 325-9L210E, 325-7AL, & 325-9L

SIZE	STOCK NO	PRICE
⅜" NPT	12A39	29.40
½" NPT	12A49	160.47

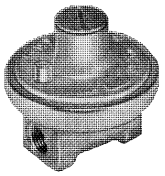


Balanced Valve Design

- 10 psi Max.
- Appliance Regulator
- Non-Lockup
- Appliance, non-lock-up standing pilot.
- Non-lock Spring 5-15”

MODEL	SIZE	STOCK NO	EACH
Vent Limiter not available			
210D	1"	1210D	483.41
	1¼"	114210D	483.41
	1½"	112210D	483.41

210D Series Specifications		
Model	PSI	Max.(4.0PD)
210D (1",1¼",1½")	10 PSI	2500 CFH
Vent not available		



Maxitrol Pressure Regulators Rubber Seat Poppet Models

For Use Under ½ P.S.I. Inlet Pressure

SIZE	PRESSURE DROP INCHES W.C.	STOCK NO	EACH
With Vent			
½"	60,000	12RV47L	28.98
½"	130,000	12RV48	35.64
¾"	150,000	34RV48	35.64

Primarily for main burner load applications Spring 3-5”

RV Series 1/2 PSI Specifications	
Model	Total Load (0.3 PD)
RV47L (½")	60 CFH
RV48 (½")	130 CFH
RV48 (¾")	150 CFH



Maxicap Regulator Weather Guard

Prevents freeze-ups, keeps vent passages free of insects and debris.

STOCK NO	PRICE
MAMC3	5.72
MAMC5	8.27



Vent Protectors

Use on vent opening to protect breather hole from rain, snow, foreign particles and insects.

Minnesota Code Requirement

SIZE	STOCK NO	EACH
⅛" NPT	13A3050	19.02
⅜" NPT	13A3150	27.80

Note: 13A30-50 is for use with 325-3, 325-3L, RV48
13A31-50 is for use with:
325-5, 325-5L, RV81, 210D



Vent Limiter

ESCAPEMENT RATE	SIZE	STOCK NO	EACH
1.55 CFH	⅛" NPT	12A04	11.99
1.0 CFH	⅛" NPT	12A09	12.36



(40)

Ritchie No 78060 Gas Pressure Test Kit

Easier to use than a manometer, this compact kit helps you accurately set manifold pressure for natural or L.P. gas.

STOCK NO	EACH
RI78060	87.73



(35)

Gas Test Gauges

Black pipe gas line test gauge.

MODEL/SIZE	PSI	STOCK NO	PRICE
TG-30-12 - ½"	0-30	12GASTEST	19.83
17714 - ½"	0-100	BR17714	14.01

Gas Pressure Regulators (341B)

fiorentini.com



Pietro Fiorentini PF400S Standard Model

ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) Class I for outlet pressures up to 14" W.C. Certified ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) for inlet pressure up to 5 PSI certified

- Filter included in all models.
- Inlet Pressure: 1 PSIG to 2 PSIG CSA approved
- Max. Inlet 10 PSIG for non-CSA applications
- Outlet pressure: 2.5" W.C. to 14" W.C.
- Temperature range: -40°F to 150°F

SIZE	STOCK NO	EACH
With Vent Limiter		
½"	12PF400SVLF	36.75

CAPACITY FOR MULTY-APPLIANCE SERVICE (SCF/H)				
Outlet Pressure Set Point		Inlet 3 PSI	Inlet 5 PSI	Inlet 10 PSI
PF400 1/2"	2.5" W.C.	350	400	400
	7" W.C.	350	400	400
	10" W.C.	350	400	400
	14" W.C.	350	400	400



Pietro Fiorentini Governor Standard Model

ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) Class I for outlet pressures up to 14" W.C. Certified

- Inlet and Outlet test ports 500 to 1 Turndown
- Filter included in all models
- Inlet Pressure: 3" W.C. to 2 PSIG CSA approved
- Max. Inlet 7.25 PSIG for non-CSA applications
- Outlet pressure: 2" W.C. to 14" W.C. and up to 4.25 PSIG
- for non-CSA applications
- Temperature range: -40°F to 150°F

SIZE	STOCK NO	EACH
With Vent Limiter		
½"	12F310511BS	56.63
¾"	34F310522BS	81.38

Capacity in cfh for .60 Specific gravity gas with filter				
Outlet Pressure Set Point		Inlet 14" W.C.	Inlet 1 PSIG	Inlet 2 PSIG
31051 1/2"	8" W.C.	386	552	785
	11" W.C.	218	511	785
31052 3/4"	8" W.C.	369	665	946
	11" W.C.	363	616	946

Oil Burner Controls (31)

resideo.com



Combination Protectorelay and Hydronic Heating Controllers

Immersion type aquastat controller and oil burner primary control, provides high limit and low limit/ circulator control for oil-fired hydronic heating systems. Mount directly on burner.

STOCK NO	EACH
R8182D1079	1109.94



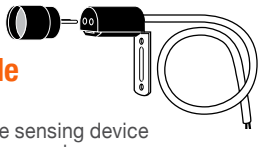
Universal Digital Oil Primary

Field Adjustable Timings

Timing - 15,30,45 Seconds.
Valve-On Delay - 0-30 Seconds.
Burner Motor Off Delay - 0-8 Minutes.

STOCK NO	EACH
R7284U1004	105.18

Honeywell Home from resideo



Cadmium Sulfide Flame Detector

Photoconductive flame sensing device for sequencing oil burner systems. Wire into protecto relay 60" lead.

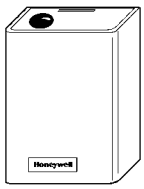
STOCK NO	EACH
C554A1463	36.49

(21)

Cad Cell Plug in eye

STOCK NO	EACH
130367	44.30

Switching Relays



RA89A Low Voltage Relay

This switching relay provides intermediate switching to permit a low-voltage controller to control a line voltage device. An internal transformer provides low-voltage power for the control circuit. The RA89A is used with Series 80 controllers to switch one line voltage load.

Model	Switching	Volts	Cycles
RA89A1074	S.P.S.T.	240	60

STOCK NO	EACH
RA89A1074	102.92



Universal Switching Relay

The R8845U Universal Switching Relay provides intermediate switching of line- and low-voltage devices from a line- or low voltage controller. The R8845U may be used to replace several Honeywell or competitive switching relays and is typically applied in hydronic heating systems.

STOCK NO	EACH
R8845U1003	97.66

Taco Zone Controls (24)

Taco Zone Valve Controls

ZONES	STOCK NO	EACH
3	TAZVC403	141.33
4	TAZVC404	164.65
6	TAZVC406	217.56

(24)

EXP Zone Valves with Powerport Option

STOCK NO	EACH
TAZVC404EXP	175.79
TAZVC406EXP	225.21

TACO EXP Zone Valve Specifications

Stock Number	No. Zones	Pwrprt Slots	PwrCntrl Plugs	Transformer Rating	Transformer Voltage Input
ZVC404EXP	4	2	1	40 VA	120 VAC
ZVC406EXP	6	2	1	75 VA	120 VAC

Zone Controls with PowerPort Option

Combine clearly labeled PC board layouts with advanced features that allow for total system customization. UL and CSA listed. Use standard "ice cube" replaceable relays and are compatable with conventional and programmable thermostats.

(24)

Taco Switching Relay Pump Controls

With Priority

ZONES	STOCK NO	EACH
1	TASR501	86.33
2	TASR502	177.88
3	TASR503	189.71

(24)

EXP Switching Relay Pump Controls with PowerPort Option

STOCK NO	EACH
TASR501EXP1	168.13
TASR503EXP	257.93
TASR504EXP	245.75
TASR506EXP	293.10

TACO EXP Switching Relay Specifications

Stock Number	No. Zones	Pwrprt Slots	PwrCntrl Plugs	Transformer Voltage	Max.Comb. Load
SR501EXP	1	0	1	120 VAC Input	5 amps
SR503EXP	3	3	1	120 VAC Input	20 amps
SR504EXP	4	3	1	120 VAC Input	20 amps
SR506EXP	6	3	1	120 VAC Input	20 amps

Taco Add-On Controls (24)



Variable Speed Pump Mixing Control

STOCK NO	EACH
TAPC705	509.61

(21)

Replacement Relay

STOCK NO	EACH
TASR024001	73.20

Taco Zone Controls (24)



Taco RMB-1 ¾" Radiant Mixing Block

- All-in-One Injection Piping, Pumping, Air Elimination and Control Package.
- Only 4 Pipe Connection Required.
- Plug-in Low Voltage Connections.
- Line Cord Included, Hard Wire Option.

SIZE	STOCK NO	EACH
¾" Connections	TARMB1	2472.19



Taco Set Point i Series Mixing Valve

- Ball Valve Design, High Cv.
- Operates Off Constant Power or Relay End Switch.

SIZE	STOCK NO	EACH
1" Connections	TAI100C3S1	568.79

Aquastat Controller

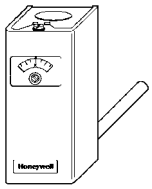


Dual Aquastat Controller

High limit, low limit and/or circulator controllers used to regulate boiler water temperature in gas-fired hydronic heating systems. Immersion type, liquid filled sensing element actuates two snap switches. Does not require leveling. Adjustments made inside front cover.

STOCK NO	EACH
L4081A1023	318.60

Aquastat Controllers



L4006A1678 Aquastat Controller
Immersion type controllers for limiting or regulating temperatures of liquids in boilers or tanks. Breaks on temperature rise, high or low-limit. 240 F Stop. For 3" Wel.

STOCK NO	EACH
L4006A1678	178.73



L4006A1959 Aquastat Controller
Immersion type controllers for limiting or regulating temperatures of liquids in boilers or tanks. High limit with 40°F to 180°F operating temperature and 2 F fixed differential.

STOCK NO	EACH
L4006A1959	178.08



L4008A1015 Remote Bulb Controller
Hydronic controllers for limiting or regulation temp. of boiler water or liquid in tanks. Can also sense duct or outside air temperature. 240° F Stop.

STOCK NO	EACH
L4008A1015	191.13

L6006A1145 Aquastat Controller
Immersion type controllers for limiting or regulating temperature of liquids in boilers or tanks. Circulator or high or low-limit .5—30 F adjustable differential. 240 F Stop.

STOCK NO	EACH
L6006A1145	187.78

L6006C1018 Aquastat Controller
Designed for surface mounting. Mounting bracket is furnished for pipe-strap mounting. No tapping of the boiler or draining of the system required. Range 60-200 Fah. 5—30 F adjustable differential.

STOCK NO	EACH
L6006C1018	168.81

L6008A1192 Remote Bulb Controller
Hydronic Controllers for limiting or regulating temperature of boiler water or liquid in tanks. Can also sense duct or outside air temperature. 5—30 F adjustable differential. 240 F Stop.

STOCK NO	EACH
L6008A1192	304.83

Aquastat Relays

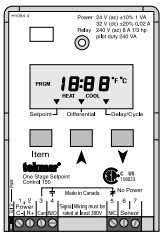


L4006 Aquastat Manual Reset High Limit
Surface Mount for limiting or regulating the temperature of liquids in boilers, storage tanks, and other applications where temperature control is required. L4006 are used in applications that utilize the existing wells.

STOCK NO	EACH
L4006H1004	270.19

Tekmar Controls
tekmarcontrols.com



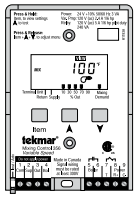


One Stage Setpoint Control 150
Digital display and a remote sensor.
Wide setpoint range, accurate to within +-0.5° F.
Ideal for slow responding systems.
Heating or cooling systems controlled through the SPDT output relay. 24V Class 2 power supply.

STOCK NO	EACH
TE150	227.88

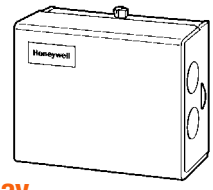
2-Stage Setpiont Control 152
Has adjustable differentials, time delays, and a very wide setpoint range.
A Universal Sensor 071 is supplied with control.

STOCK NO	EACH
TE152	306.72



Variable Speed Mixing Control 356
Outdoor reset control with Injection mixing. Operates boiler. Operates and varies the speed of injection pump. Sensors Included. 24V Class 2 power supply.

STOCK NO	EACH
TE356	381.78



L8124G1020 Triple Aquastst Relay
Immersion-type controller combines high limit protection with low limit and circulator control.

STOCK NO	EACH
L8124G1020	411.15

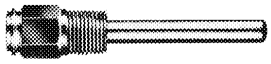
L8148A1017 Aquastat Relays
Immersion-type controllers combine high limit protection with switching relay control of burner and circulator motors. Aquastat relay, Hi-limit, switching control of burner and circulator, 140-240 F.,120V.

STOCK NO	EACH
L8148A1017	284.53

L8148J1009 Aquastat Relays
Immersion-type controllers combine high limit protection with switching relay control of burner and circulator motors. 24V or milli-volt. Up to 3 zones.

STOCK NO	EACH
L8148J1009	350.18

(21)



Immersion Wells

STOCK NO	EACH
HO121371A	63.32
HO121371B	72.10
HO121371L	84.14
HO121371M	95.00
HO123871A	89.90
HO123872A	81.84

Used With Aquastat	Model	Tapping	Bulb Dia.	Insertion	Insulation Depth
L8124G	*121371A	½"	⅜"	3"	1½"
L8148A	*121371B	¾"	⅜"	3"	1½"
L8148J					
L4006A	*121371L	½"	⅜"	3"	3"
L4006E	*121371M	¾"	⅜"	3"	3"
L4008A	123871A	¾"	⅜"	3"	3"
L6006A	123872A	½"	⅜"	3"	3"
L6008A					
L8124G					
L8148A					
L8148J					
T675A	112622AA	½"	½"	4"	1½"

*With mounting clamps

Consult our heating department for explanation or list of control functions.

Hydronic Controls (31)

(Ideal for Radiant Floor Heating Systems)

tekmarcontrols.com

Tekmar Controls & Thermostats



Invita™ WiFi Thermostat 564

- Ventilation
- Slim profile with multiple display color options
- Mobile & web app, warning email notifications
- Relative humidity control
- Weather, outdoor temperature
- Programmable schedule with early start, energy monitoring
- Water leak notification when connected to Watts FloodSafe Water Detector Shutoff

Conventional systems: Up to 2-stage heating, 2-stage cooling, fan and 2 accessories

DESCRIPTION	STOCK NO	EACH
White	*TE564*	*255.62*
Black	*TE564B*	*269.46*



3-Way Brass Mixing Valve

Female NPT Connections

SIZE	STOCK NO	EACH
¾"	*TE710*	*190.62*
1"	*TE711*	*191.70*
1¼"	*TE712*	*195.48*



4-Way Brass Mixing Valve

Female NPT Connections

SIZE	STOCK NO	EACH
¾"	*TE720*	*197.64*



Transformer Kit

24 Volt

Includes Mounting Box

STOCK NO	EACH
TE009K	*102.60*

Consult our heating department for explanation or list of control functions.



Non-Programmable Thermostats

- For HRF Heating Systems with Cooling and Slab Temperature Limits.
- Air and/or slab temperature control.
- 2-4 temps per day, 7 day or 24 hour schedules.
- Permanent or temporary overrides.
- No need to reset after power outage.
- 4 hour clock back-up (no battery needed).
- 24V (ac) power supply.
- Adjustable heating cycles per hour.

DESCRIPTION	STOCK NO	EACH
1stage heat ONLY	*TE518*	*114.41*
1stage heat air & slab w/sensor.	*TE519*	*129.95*



WiFi Thermostat 561/562

- 3.5" Color Touchscreen.
- Website, Apple iOS & Android Apps.
- Designed to Support Radiant Floor.
- 7 Day Programmable and Energy Savings Mode.
- Email Error and Warning Notifications.
- Local Weather & Outdoor Temperature.
- Clock & Software Updated Automatically.

DESCRIPTION	STOCK NO	EACH
1 Stage Heat	*TE561*	*227.88*
2 Stage Heat, 1 Stage Cool, Fan	*TE562*	*289.98*



Switching Relays

- Connects thermostats and operates circulators to heat a zoned hydronic heating system.
- 303P, 304P and 306P provide a RoomResponse™ signal to modulating-condensing boilers to optimize comfort while improving boiler efficiency and enegy savings.

CONNECTIONS	STOCK NO	EACH
Up to 1 Thermostat	*TE301P*	*80.61*
Up to 3 Thermostats	*TE303P*	*196.28*
Up to 4 Thermostats	*TE304P*	*245.81*
Up to 6 Thermostats	*TE306P*	*317.09*



Zone Valve Controls

- Connects thermostats and operates zone valves to heat zoned hydronic heating system.
- Provides a RoomResponse™ signal to modulating-condensing boilers to optimize comfort while improving boiler efficiency and enegy savings.

CONNECTIONS	STOCK NO	EACH
Up to 3 Thermostats	*TE303V*	*150.80*
Up to 4 Thermostats	*TE304V*	*182.84*
Up to 6 Thermostats	*TE306V*	*231.59*



tN4/tN2 Thermostat 552/553

- Remote Sensing.
- Touchscreen.

DESCRIPTION	STOCK NO	EACH
1 Stage Heat	*TE552*	*261.90*
2 Stage Heat, 1 Stage Cool, Fan	*TE553*	*369.36*



tN4/tN2 Thermostat 557

- Radiant Floor.
- 2 Heat Pump, 2 Cool.
- Backup.
- Humidity.
- Touchscreen.

STOCK NO	EACH
TE557	*567.54*



tN2 Wiring Center 313/314

- CSA C US Certified for use in USA and Canada
- External diagnostic LEDs
- For two-stage tekmarNet®2 Thermostats ONLY

ZONING	STOCK NO	EACH
4-Zone Valves	*TE313*	*317.52*
4-Zone Pumps	*TE314*	*329.40*



tN2 House Control 402/403

- 4-Zone Valves
- Boiler, DHW & Setpoint, Mixing

ZONE OUTPUTS	STOCK NO	EACH
Four 24V (ac)	*TE402*	*883.44*
Four 115V (ac)	*TE403*	*982.26*



tN2 House Control 406

- 2-Stage Heat Pump
- Boiler BU, Mixing, 4 Valves

STOCK NO	EACH
TE406	*1380.24*

Boiler Controls



Two Stage Boiler Control 261

Designed to control two seperate on/off boiler stages (or one low/high fire) in orde to provide outdoor reset or setpoint operation.

STOCK NO	EACH
TE261	577.80



Smart Boiler Control 294

- Supports reverse return, primary-secondary and variable primary flow piping systems
- Sequential or parallel staging for condensing and non-condensing
- Remote access using Watts OnSite app
- Operates 4 boilers, expandable with TE294EXP
- 5 inch color touchscreen
- 115 V (ac) plus/minus 10%, 60 Hz, 9 W

STOCK NO	EACH
TE294	1292.22



Smart Boiler Expansion

- Expansion for 4 boilers
- LED status indicators for power, communication, each boiler and pump/valve
- 3-wire communication
- Boiler configuration selected by DIP switches

STOCK NO	EACH
TE294EXP	894.78

Snow Melting Controls



Snow Melting Control 654

- The 654 has an automatic start and stop function when used with Snow/Ice Sensor 090.
- Automatic start with a timed stop is available when used with the Snow Sensor 095.
- Power supply 24V.

STOCK NO	EACH
TE654	682.56



WiFi Snow Melting Control 670

Boiler & Mixing/Electric. Works with the tekmar Snow/Ice Sensor 090 or Snow Sensor 095. Auto storm shut down & slab protection.

STOCK NO	EACH
TE670	2242.08



WiFi Snow Melting Control 671

Boiler & Mixing/Electric. Works with the tekmar Snow/Ice Sensor 090 or Snow Sensor 095. Manual storm operation.

STOCK NO	EACH
TE671	1217.70



Relays

DPDT relay that is used to isolate electrical loads and allow higher current ratings than the on board relays found on tekmar controls.

VOLTAGE	STOCK NO	EACH
24 V	TE003P	62.64
120 V	TE004	63.72

Sensors



Wireless Outdoor Sensor 087

10 year battery life. 5000 ft. open range. Compatible with all tekmar controls and thermostats. -40°F to 140°F

STOCK NO	EACH
TE087	162.54



Indoor Sensor 076

Provides accurate measurement of indoor temperature. Small size, can be mounted directly on the wall. Can be connected to 10K room temperature unit(RTU) for remote temperature sensing.

STOCK NO	EACH
TE076	52.92



Outdoor Sensor 070

Designed to provide accurate sensing of the outdoor temp. for display and control operation.

STOCK NO	EACH
TE070	42.66



Snow Sensor 095

Aerial mounted sensor that detects falling snow and allows a tekmar Snow Melting Control 654 to automatically start the snow melting equipment.

STOCK NO	EACH
TE095	203.04

Slab Sensors

Commonly used for supply/return water temp.
Dimensions - ⅜" X ¾", -60 to 255° F
10K NTC thermistor 10kΩ @ 77° F

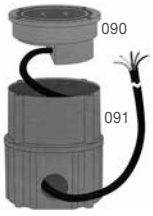
WIRE SIZE	STOCK NO	EACH
1'	TE071	35.64

Used for snow melting slabs
Dimensions ½" X 2". -60 to 140° F
NTC thermistor 10kΩ @ 77° F.

WIRE SIZE	STOCK NO	EACH
20'	TE072	114.48

Commonly used for in floor heating applications
Dimensions 3/16" X 1½". -58 to 140° F
NTC thermistor 10kΩ @ 77° F.

WIRE SIZE	STOCK NO	EACH
10'	TE079	39.96



Snow/Ice Sensor 090/091

Used with 662 Snow and Ice Control. Detects Snow and ice on melting slab, then activates 662 Control.

STOCK NO	EACH
TE090	821.88

Snow/Ice Sensor Socket
TE091 . . . . . 194.40

Apollo Valves

apollovalves.com



3-Way Mixing/Diverting Valve

85° to 140° F.

SIZE	STOCK NO	EACH
¾"	34A214S	274.07
1"	34A215S	302.03

3-Way Mixing Valves

120° to 180° F • Sweat/NPT • Lead Free

SIZE	STOCK NO	EACH
¾" Sweat	34ALF214HS	308.87
1" Sweat	34ALF215HS	332.19
1" NPT	34ALF215HT	332.19

Caleffi Valves

caleffi.com



NPT MALE



SWEAT

5231 Series High Flow Thermostatic Mixing Valve

ASSE 1017
200 psi Maximum Pressure
Ranges: 95° to 150°F • Max inlet temp: 19[illegible]

CONNECTORS	MIN FLOW (GPM)	STOCK NO	EACH
1¼" NPT	4.4	CA523170A	1040.32
1½" NPT	8.8	CA523180A	1534.35
1¼" SWT	4.4	CA523178A	995.41
1½" SWT	8.8	CA523188A	1496.06



AngleMix™ Angle-style 3-Way Thermostatic Mixing Valve

ASSE 1017
150 psi (10 bar) Maximum Pressure
Ranges: 95° to 150°F • Max inlet temp: 195°F

CONNECTORS	MIN FLOW (GPM)	STOCK NO	EACH
¾" Press	0.5	CA520516A	194.37



521 MixCal



520 AngleMix

521 MixCal™ Body & 521 AngleMix™ Body

ASSE 1017 • See fitting options below

TYPE	CONNECTORS	STOCK NO	EACH
521	1" Male Union Thread	CA521101A	116.33
520 Angle	1" Male Union Thread	CA520051A	116.33
¾" Connection for Zone & Mixing Valve Bodies			
¾" MNPT, 1" Nut, Washer		CANA20650	16.20
¾" Press, 1" Nut, Washer		CANA20656	16.28
¾" PEX Crimp, 1" Nut, Washer		CANA20657	13.87
¾" PEX Expansion, 1" Nut, Washer		CANA20658	13.87
¾" Sweat, 1" Nut, Washer		CANA20659	13.87
1" Connection for Zone & Mixing Valve Bodies			
1" MNPT, 1" Nut, Washer		CANA20660	26.82
1" Press, 1" Nut, Washer		CANA20666	28.21
1" PEX Crimp, 1" Nut, Washer		CANA20667	24.18
1" PEX Expansion, 1" Nut, Washer		CANA20668	24.18
1" Sweat, 1" Nut, Washer		CANA20669	24.18
Optional Guage			
1" Union Thread		CANA10358	29.76

****Fittings sold in Qty. of 1, NEED 3 to complete Mixing Vavle****

Heat Exchanger

dovercorporation.com





(27)

SWEPS Brazed Plate Heat Exchangers

B10T series is designed specifically for hydronic heating boiler application, snow melting, steam and fluid to fluid application. Copper brazed, stainless steel plates offer highly efficient, low fouling heat transfer surface. Rated for 450 psi. U-L listed.

# PLATES	W x L x D	HOT SIDE	COLD SIDE	STOCK NO	EACH
8	4.9x12.2x1.1	1" MPT	1" MPT	B10THX8FB	350.78
12	4.9x12.2x1.5	1" MPT	1" MPT	B10THX12FB	370.16
20	4.9x12.2x2.2	1" MPT	1" MPT	B10THX20FB	449.52
36	4.9x12.2x3.7	1" MPT	1" MPT	B10THX36FB	595.01
60	4.9x12.2x6	1" MPT	1" MPT	B10THX60FB	814.12

(27)

SWEPS Mounting Bracket

STOCK NO	EACH
B10THBKT	49.60



Taco 3196-1 Differential Bypass Valve

Differential Bypass Valve automatically reroutes the excess flow through the bypass valve. This prevents velocity noise while maintaining the designed heat transfer of each zone, enhancing overall system performance.

SIZE	STOCK NO	EACH
¾"	TA3431961	73.46

NEW ITEM

Hexonic Brazed Plate Heat Exchangers

Brazed plate heat exchangers are the perfect solution that allows to maintain high thermal performance at low operating costs. Wide range of types, sizes, and numbers of plates and connections allows for optimizing the selection to particular application. Brazed plate heat exchangers guarantee reliable, long-term operation.

# PLATES	CONNECTION	STOCK NO	EACH
10	1"	LB3110H	685.13
20	1"	LB3120H	804.75
30	1"	LB3130H	913.50
40	1"	LB3140H	1022.25
50	1"	LB3150H	1141.88
60	1"	LB3160H	1250.63
80	1"	LB3180H	1479.00
100	1"	LB31100H	1707.38
40	2.5"	LC11040	3132.00
60	2.5"	LC11060	3893.25
80	2.5"	LC11080	4763.25

Bracket for LC110 Series

STOCK NO	EACH
MNTLC	511.13





Bell & Gossett Circulator Pumps (24)

bellgossett.com



3-Piece Circulator Pumps

Oil Lubricated • 115v • Single Speed

MODEL NO.	TYPE	FLANGE	STOCK NO	EACH
For heating systems. Small to medium applications				
106189	C.I.	STD	BG100	688.42
For domestic hot water recirculation systems				
106197LF	BRZ	STD	BGB100	1206.71
102213LF	BRZ	HV	BGBHV	2076.85



NRF Circulator Pumps

Water Lubricated • Cast Iron • 115v

MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
For heating systems. Small to medium applications				
103417	3	STD	BGNRF25	169.42
103400	3	STD	BGNRF36	470.42
103404	3	HV	BGNRF45	543.77



NBF Circulator Pumps

Water Lubricated • Bronze Body • 115v

MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
For domestic hot water recirculation systems				
103252LF	1	STD	BGNBF22	513.72
103351LF	1	STD	BGNBF33	579.62
103255LF	1	UNION	BGNBF22U	490.34



PL Series Circulator Pumps

Permanent Lubricated Bearings • Dry Rotor • 115v

MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
For heating systems. Small to medium applications				
1BL012	1	STD C.I.	BGPL30	471.75
1BL001	1	STD C.I.	BGPL36	478.31
1BL032	1	STD C.I.	BGPL55	887.44
For domestic hot water recirculation systems				
1BL004LF	1	HV BRZ	BGPL45B	945.25



Circulator Pump Flanges

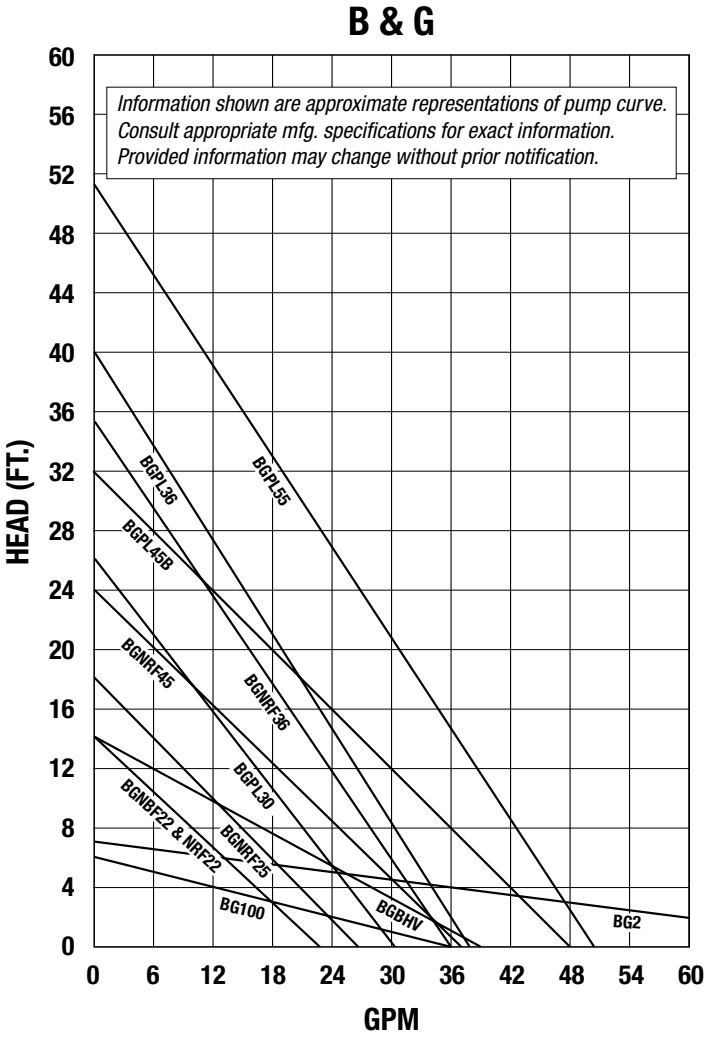
Standard & HV Flanges are interchangeable with all manufactures.

SIZE	FLANGE	STOCK NO	PAIR
FOR CAST IRON			
¾"	STD	BG101201	34.06
1"	STD	BG101202	34.06
1¼"	STD	BG101203	34.06
1½"	STD	BG101204	34.06
1½"	HV	BG101207	34.06
2"	SPC	BG101215	182.63
FOR BRONZE			
¾"	STD	BG101501LF	58.38
1"	STD	BG101502LF	58.38
1¼"	STD	BG101503LF	62.13
1½"	STD	BG101504LF	58.38

3/4" Union Connection (Sweat)

STOCK NO	EACH
BGUC34S.	78.65

Bell & Gossett Performance Curves



Performance Curves Reflect Models at High Speed

Taco Circulator Pumps (24)

taco-hvac.com

"00" Series Circulator Pumps

Water Lubricated • 115v • Single Speed

For heating systems. Small to medium applications.



MODEL NO.	TYPE	FLANGE	STOCK NO	EACH
007-IFC	C.I.	STD	TA007F5	174.38
009-F5	C.I.	STD	TA009F	455.63
0011-F4	C.I.	STD	TA0011F	412.51

"00" Series Circulator Pumps

Water Lubricated • 115v • 3 Speed with Check

For heating systems. Small to medium applications.



MODEL NO.	TYPE	FLANGE	STOCK NO	EACH
0010MSF2IFC	C.I.	STD	TA0010MSF2IFC	501.12
0015MSF3IFC	C.I.	STD	TA0015MSF3IFC	173.32

"00" Series Zoning Pumps

Water Lubricated • 115v • Single Speed

For heating systems. Small to medium applications.



MODEL NO.	TYPE	FLANGE	STOCK NO	EACH
007-ZF5-9	C.I.	STD	TA007ZF5	344.10
007-ZF5-3IFC	C.I.	STD	TA007ZF53IFC	367.39
0011-ZF4-2	C.I.	STD	TA0011ZF4	705.05

0018e Circulator Pumps

Max. Operating Pressure - 125psi
Max. Water Temperature 230° F
4 Operating Modes: Infinitely variable fixed speed, constant pressure, proportional pressure or self-adjusting activeADAPT®.
(2-way Bluetooth Communication)

ECM permanent magnet motor • 120v, 60Hz Single Phase



MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
00118e-2F2	VAR.	STD	TA0018E2F2	336.36
00118e-2F4	VAR.	UNIV	TA0018E2F4	349.81

007e Circulator Pumps

ECM Variable Speed • 120v 60Hz

Max. Operating Pressure - 125psi
Max. Water Temperature 230° F
Ideal for hydronic systems zoned with circulators or zone valves.



MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
007e-F4	VAR.	UNIV	TA007E	236.00

00e Circulator Pumps

ECM High-Efficiency Circulator • 110-120v 50/60Hz

Max. Operating Pressure - 125psi
Max. Water Temperature 230° F
Ideal for Delta-T or setpoint temperature applications.
Uses up to 85% less electricity, Easy to program and install
LCD displays operating mode, temperature or speed setting, watts, supply & return temperatures.
Sure Start automatic unblocking mode



MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
VT2218	VAR.	UNIV	TAVT2218	540.98

"0034e" & "0034ePlus" Series EXM High-E Circulators

ECM Variable Speed • 115V/208/230, 50/60Hz

Max. Operating Pressure - 150psi
Max. Water Temperature 230° F
Reduces power consumption by up to 85% compared t permanent split capacitor circulators



MODEL NO.	TYPE	FLANGE	STOCK NO	EACH
VM3450-HY1-FC2A00	C.I.	STD	0034EF2	842.16
VR3450-HY1-FC2A00	C.I.	STD	0034EPF2	1086.46

Hot-LinkPlus-e

ECM High-Efficiency Instant Hot Water System
120v, 60Hz Single Phase



Maximum Operating Pressure - 150psi
Maximum Water Temperature 203° F
The system combines the ECM high-efficiency 006e3 hot water circulator with the award-winning SmartPlug Instant Hot Water Control® and Hot-Link® Valve for maximum comfort and efficiency.
Ideal for retrofits, the Hot-LinkPlus-e requires no programming .
Hot-Link® Valve ½" MNPT, 4" x 4 7/16" x 1¾" x 2½"

MODEL NO.	SPEED	CONNECTIONS	STOCK NO	EACH
HLPe-1	1440-3720RPM	¾" NPT M/F Unions included	TAHLPE1	505.61

00e Series Circulator Pumps

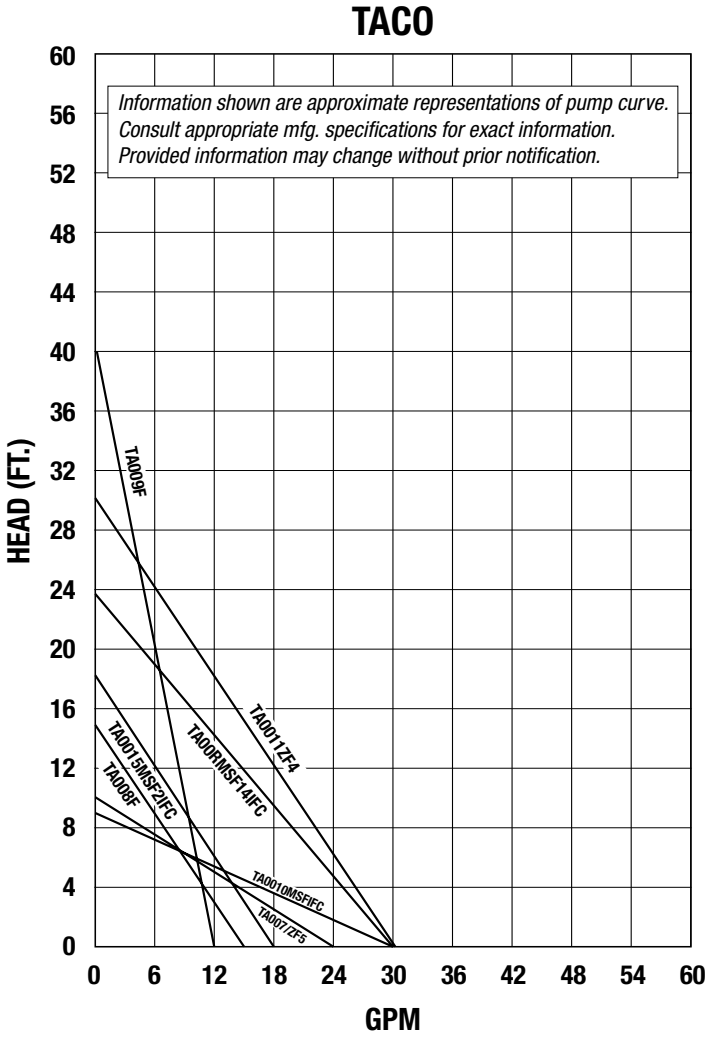
ECM High-Efficiency Circulator • 120v 60Hz



Maximum Operating Pressure - 125psi
Maximum Water Temperature 230° F
The 0015e3TM is a variable speed, high-efficiency wet rotor circulator with an ECM permanent magnet motor. It's ideal for hydronic systems zoned with circulators or zone valves.
With 3 easy settings, the 0015e3 delivers performance, reliability and ease.

MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
0015e3	4830RPM	Universal	TA0015E32F4	271.64

Taco Performance Curves



Performance Curves Reflect Models at High Speed

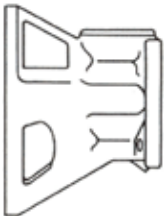
Circulator Pump Parts (24)

Bell & Gossett

bellgossett.com

Bearing Assembly

FOR	STOCK NO	PRICE
Series 100 C.I.	BG118844	286.71
1,11/4,11/2"	BG189162	554.38
2"(MFG 1951-75)	BG189163	565.58
Replaced 189120 & 189122		
HV (MFG After 1976)	BG189165	614.86
PR, 2½", LD-3, HD-3	BG189105	730.21
PD35,37,60-AA, 1522-AAB	BG186863	1137.88
Series 100 Bronze	BG189034	279.99
PD38,39,40 & 60-A	BG185260	2911.90



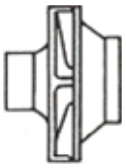
Couplers

FOR	STOCK NO	PRICE
C.I. Coupler Series 100		
HV, 2", PR.	BG118705	46.48
C.I. Coupler Series		
2½", LD-3, HD-3	BG118723	70.56
C.I. Coupler PD35, PD37, 60-AA,		
1522 (½" Motor Shaft)	BG118473	117.60



Impellers

FOR	STOCK NO	PRICE
Non-Ferrous Impeller Series		
100 C.I. & Bronze	BG189132	57.12
Brass Impeller Series		
100 Bronze	BG118431	136.64
Steel Impeller Series		
2", HV (Prior 1976)	BG118668	267.67
Brass Impeller Series		
2", HV (Prior 1976)	BG118436	331.51
Brass Impeller Series		
2½", LD3	BG118440	596.94
Brass Impeller Series PD37		
1522, 60-2AA, 60-2A		
(5¼" Impeller).	BG118626	962.05
Brass Impeller Series PD37		
1522, 60-2AA, (4¾" Impeller)	BG118627	962.05
Non-Ferrous Impeller Series		
2", 2" Bronze, HV, HV Bronze	BG189128	212.79



Flange Gaskets

FOR	STOCK NO	PRICE
Series 100, PR, 60-1AA,		
60-1-1/4AA	BG118368	16.24
Series HV, 60-1-1/2AA,		
60-1-1/2A	BG118373	33.60
Series 2" NFI, 2" BFNI	BG118378	38.64
Series 2½", LD3, HD3, PG35,		
PD37, PD38, PD39, PD40	BG118129	39.20



Motors

FOR	STOCK NO	PRICE
1/12HP 115v Series 100	BG111034	857.89
1/6HP 115v Series 2", HV		
(Larger Motor - Old Style)	BG111031	1209.56
1/6HP 115v Series 2" NFI,		
2" BNFI, HV NFI, HV BNFI		
(Smaller Motor -New Style)	BG111061	1259.96
1/4HP 115v Series 2½", LD3	BG111040	2019.29
1/3HP 115v Series HD3	BG111042	2563.59
1/2HP 115/230v Series PD35,		
60-1-1/2AA, 1-1/2A	BG111044	3509.95



Seal Kits

STOCK NO	PRICE
BG118681	77.28
BG186499	329.27



Motor Mounts

FOR	STOCK NO	PRICE
Series 100, HV, HV NFI,		
HV BNFI, 2"	BG118223	61.60
Series HD3, PD35, PD37, 60,		
1522 (1/3, 1/2, 3/4 HP ONLY)	BG118228	81.76



Bearing Assembly

FOR	STOCK NO	PRICE
Series 60 Maintenance Free		
(Through 1 1/2HP) (Additional		
parts needed for 6 1/4 Pumps)	BG185332	1140.12

Oil Lube

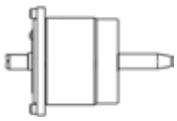
FOR	STOCK NO	PRICE
ALL Oil Lubricated Pumps	BGL23401	12.32

Taco

taco-hvac.com

Bearing Assembly

FOR	STOCK NO	PRICE
ALL 9 & SER # Pumps	TA1600160	1035.76



Coupler Inserts

FOR	STOCK NO	PRICE
ALL 3J Couplers, Inline		
1/4 & 1/3 HP	TA1624020	21.00
4J 5/8 x 1/2 Couplers, Inline		
1/2 HP 48 FR	TA1624004	24.94
ALL 5J Couplers, Inline 3 HP	TA900512	40.27



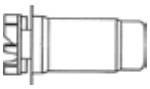
Flange Gaskets

FOR	STOCK NO	PRICE
110-113 Pumps.	TA110339	20.22
121-138 Pumps, 1600 Pumps	TA1600050	164.00



Cartridge Assembly

FOR	STOCK NO	PRICE
Most 007 C.I. Single Speed,		
Most 007ZF Models	TA007042RP	219.00
Most 0011 C.I. 1 Speed, 0011ZF	TA0011009RP	483.60



(21)

Circuit Board

For Circulating Zone Pumps

STOCK NO	PRICE
TA005025	174.00

Circulator Pump Flanges

Standard & HV Flanges are interchangeable with all manufactures.

SIZE	FLANGE	STOCK NO	EACH
FOR CAST IRON			
¾"	STD	TA110251	25.34
1"	STD	TA110252	25.34
1¼"	STD	TA110253	25.85
1½"	STD	TA110254	25.85
FOR BRONZE			
¾"	STD-Swivel	SF075T	92.88
1"	STD-Swivel	TA2552	47.78



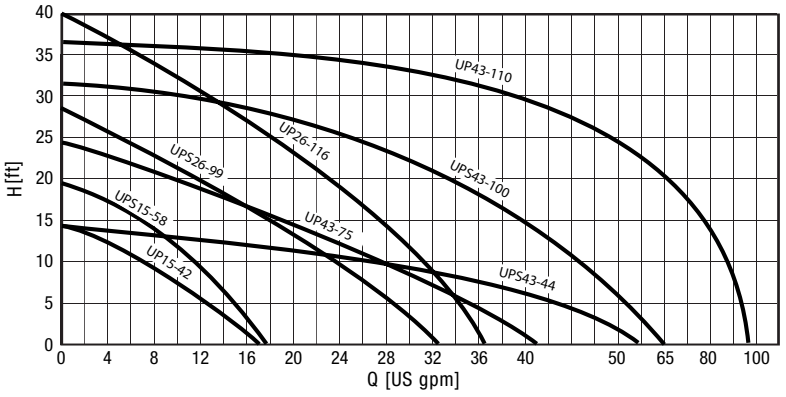


Grundfos UP Series Circulator Pumps

UP Series pumps are of the canned rotor type. The bearings are lubricated by the pumped liquid.

CAST IRON

MODEL	FLG	SPEED	VOLT	STOCK NO	EACH
59896341	STD	3	115	UPS1558FC	195.12
52722512	STD	3	115	UPS2699FC	575.00
52722513	STD	3	230	UPS2699FC230V	558.48
52722514	HV	3	115	UPS4344FC	769.00
95906636	HV	3	115	UPS43100F	693.44
96439643	HV	1	115/208-230	UP43110F	2595.20



Curves reflect 3 Speed Models at High Speed

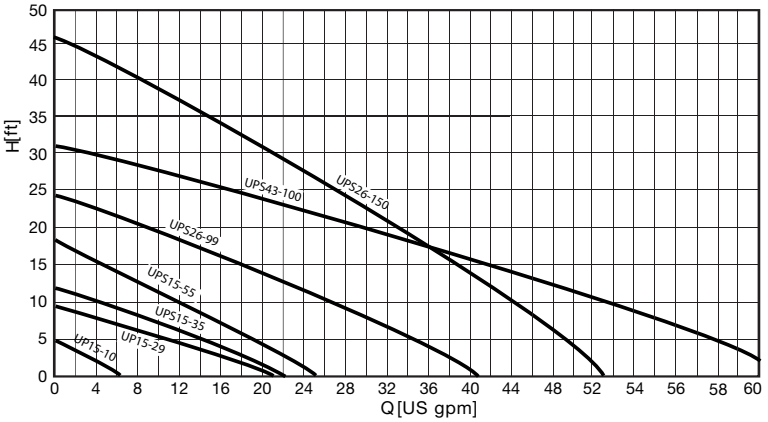


Grundfos UP Series Circulator Pumps

UP Series pumps are of the canned rotor type. The bearings are lubricated by the pumped liquid.

STAINLESS STEEL

MODEL	FLG	SPEED	VOLT	STOCK NO	EACH
59896775	UN	1	115	UP1529SU	411.65
52722518	STD	3	115	UPS2699SFC	1071.10
95906632	STD	3	115	UPS26150SF	1272.83
95906638	HV	3	115	UPS43100SF	1105.44



Curves reflect 3 Speed Models at High Speed



Grundfos 15-10 SU7P/TLC, 1 Comfort valve

Comfort System for hot-water recirculation delivers hot water instantly to all faucets in private homes. It uses a bypass valve and pump with a timer to control water flow and deliver instant hot water.

STAINLESS STEEL

MODEL	FLG	SPEED	VOLT	STOCK NO	EACH
595916	UN	1	115	UP1510SU7PTLC	425.98



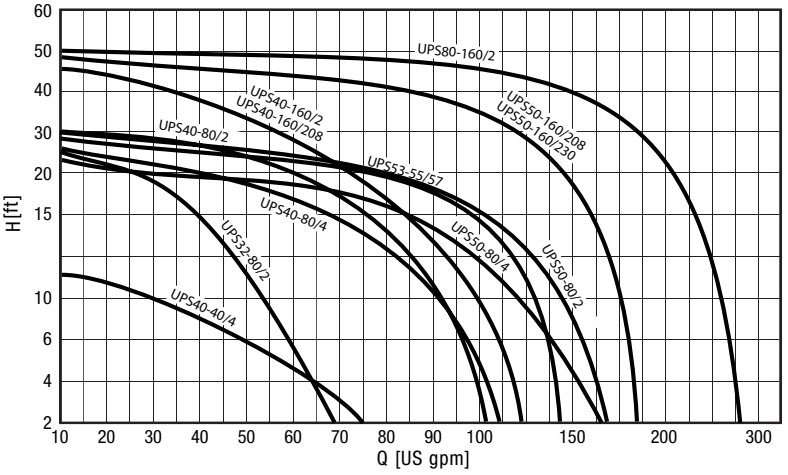
Grundfos UPS VersaFlo Series Circulator Pumps

3-Speed

UP Series pumps are of the canned rotor type. The bearings are lubricated by the pumped liquid.

CAST IRON

MODEL	FLG & SIZE	HP	VOLT	PH	STOCK NO	EACH
96402708	STD 1¼"	½	115	1	UPS32802115	1944.60
96402762	HV 1½"	¾	115	1	UPS40802	2657.20
96402782	HV 1½"	¾	115	1	UPS401602	3336.90
96402784	HV 1½"	¾	208/230	3	UPS401602208	3336.90
96402834	SPC 2"	¾	115	1	UPS50802	2612.40
96402838	SPC 2"	¾	208/230	3	UPS50802208	2612.40
96402860	SPC 2"	1½	208/230	3	UPS501602208	3959.20
96411613	SPC 2"	1½	230	1	UPS50160230	3990.00
96654373	SPC 2,2½,3"	¾	115	1	UPS535557F	3284.40



Curves reflect 3 Speed Models at High Speed

(21)

Comfort Valves

1/2" NPT - 15 pcs.

MODEL #	STOCK NO	EACH
595926	GR595926	167.69



GRUNDFOS

Grundfos Circulator Pumps (24)

grundfos.com

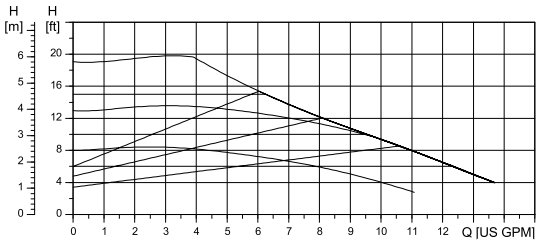
Grundfos UPSe 15-58 F Circulator Pumps



Includes constant pressure, proportional pressure, and constant curve, each with three settings.
High-efficiency ECM variable speed circulator designed for a wide variety of heating.
New toolless, removeable power connector.

EN 1561 EN-GJL-150 ASTM A48-25A • Terminal Box

MODEL	FLANGE	SPEED	VOLT	LINE CORD	STOCK NO	EACH
92603106	Cast Iron	VAR.	115	NO	UPSE1558F	227.04



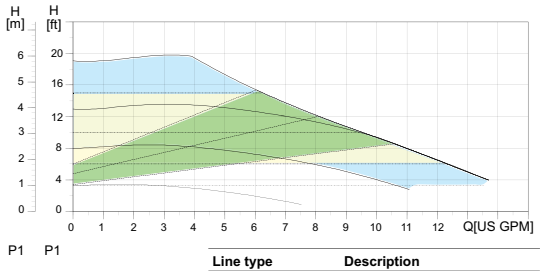
Grundfos Alpha 15-58 F Circulator Pumps



intelligent controls featuring a constant-pressure, proportional-pressure and constant curve, each with three settings as well as an AUTOADAPT setting.
New toolless, removeable power connector.
Simple, fast and intuitive setting, control and monitoring as well as troubleshooting analysis via Grundfos GO app.

EN 1561 EN-GJL-150 ASTM A48-25A • Terminal Box

MODEL	FLANGE	SPEED	VOLT	LINE CORD	STOCK NO	EACH
92603115	Cast Iron	VAR.	115	NO	ALPHA1558F	369.00



Line type	Description
	Constant curve
	Proportional pressure
	Constant pressure
	Minimum Constant pressure
	Minimum Constant curve
	Constant curve AUTOADAPT
	Constant pressure AUTOADAPT
	Proportional pressure AUTOADAPT

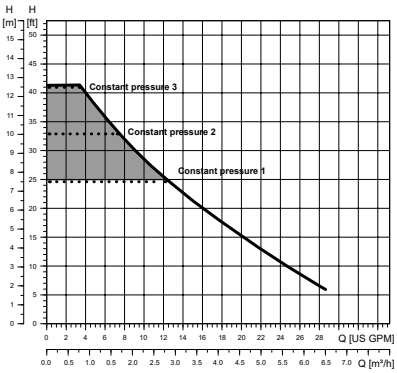
COMFORT 10-16 TDT BU/LC Circulator Pumps

NEW ITEM



BRONZE Domestic Recirculating Pumps. 1 x 115-230 V

MODEL	CONNECTION	LINE CORD	STOCK NO	EACH
Auto Adapt				
93094713	1¼" NPSM	Yes	COMFORT1016TDTBULC	473.09



Grundfos Alpha2 26-99F Circulator Pumps



Featuring eight different operating modes including constant pressure AUTOADAPT and proportional pressure AUTOADAPT.
The design protects the pump from harmful iron oxide and reduces energy consumption by up to 85% with EMC technology.

CAST IRON

MODEL	FLG	SPEED	VOLT	LINE CORD	STOCK NO	EACH
99490916	STD	VAR.	115	YES	ALPHA22699F	820.00

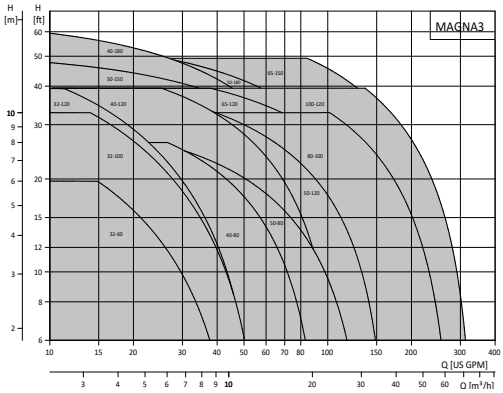
Grundfos "Magna 3" Series Circulator Pumps



ECM Variable Speed. Single Phase. 115v

CAST IRON

MODEL	FLG	SPEED	HP	STOCK NO	EACH
98126800	HV 1½"	VAR.	1/3	MAGNA34080	2816.64
98126804	HV 1½"	VAR.	1/2	MAGNA340120	3194.24
98126808	HV 1½"	VAR.	3/4	MAGNA340180	4653.44
98126816	SPC 2"	VAR.	3/4	MAGNA350150	4557.44
98124696	SPC 2"	VAR.	1	MAGNA365120	5084.80



Grundfos Alpha 15-29 SF/T Circulator Pumps

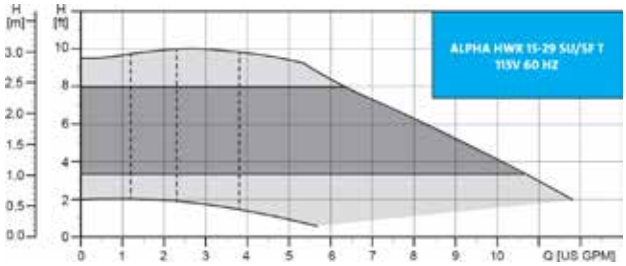
NEW ITEM



ALPHA HWR is designed for domestic hot water recirculation systems with a dedicated return line.
It features an integrated estimator for temperature estimation and scheduling via the built-in digital timer.

EN 1.4308 ASTM A351-CF8 • Terminal Box

MODEL	FLANGE	SPEED	VOLT	LINE CORD	STOCK NO	EACH
92603112	Stainless	VAR.	115	NO	ALPHAHWR1529SFT	679.94



Grundfos Alpha 15-55 SF/T Circulator Pumps

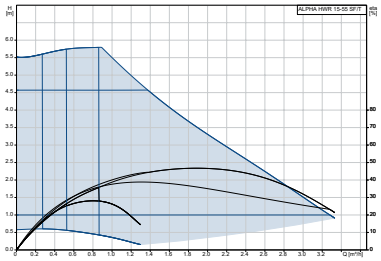
NEW ITEM



ALPHA HWR is designed for domestic hot water recirculation systems with a dedicated return line. It features an integrated estimator for temperature estimation and scheduling via the built-in digital timer.

FCC, cULus, cULDWus • Terminal Box

MODEL	FLANGE	SPEED	VOLT	LINE CORD	STOCK NO	EACH
92603110	Stainless	VAR.	115	NO	ALPHAHWR1555SFT	819.20



Flanges

MODEL	FLG	SIZE	FOR USE WITH	STOCK NO	EACH
529913	UNION	1/2"Swt	BRZ UP10,15	12GRSWFL	75.60
529911	UNION	3/4"Swt	BRZ UP10,15	34GRSWFI	81.20
519601	STD	3/4"	C.I.	34GRCIFL	36.40
519602	STD	1"	C.I.	1GRCIFL	33.60
519603	STD	1 1/4"	C.I.	114GRCIFL	33.60
519604	STD	1 1/2"	C.I.	112GRCIFL	33.60
539605	HV	1 1/2"	C.I. UPS40,43	112GRCIFL4375F	63.00
539615	HV	1 1/2"	BRZ UPS43	112GRGIFL4375BF	131.60
91584910	SPC	2"	C.I. UPS53	91584910	284.20
91584911	SPC	2 1/2"	C.I. UPS53	91584911	284.20
91584912	SPC	3"	C.I. UPS53	91584912	365.40
96409354	SPC	2"	C.I. UPS50	2GRCIFLUPS	170.80
96409355	SPC	2"	BRZ UPS50	2GRBRFLUPS	778.40
569601	SPC	3"	C.I. UPS80	3GRCIFL	485.80

NOTE:
Standard & HV Flanges are interchangeable with all manufactures.

Accessories

Thermostatic Control

Aquastat kit , 3/4" clip-on mount for 7/8" OD system piping size , 85°-105° (3/4" ID copper tubing or 1/2" steel pipe) wire, with PVC jacketed cable.

MODEL #	STOCK NO	EACH
59.5444	34GRTHCO	85.76

(21)

Flange Gaskets

MODEL #	STOCK NO	EACH
Oblong, for Isolation Flange 51.97.55.		
510231	GR510231	9.90
15/26 for 2-bolt 1 1/4" flange		
510179	GR510179	14.81

Wilo Circulator Pumps (24)

wilo-usa.com

WILO Star Residential Circulators

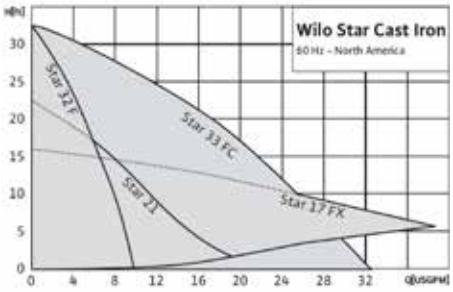
Stainless steel shaft, quick connect wiring, wet rotor design, automatically vented, single & three speed models.

CAST IRON

MODEL	FLG	SPEED	ELECTRICAL	STOCK NO	EACH
*Star 17FX**	*HV*	*Single*	*115/1*	*WI17FX*	*370.27*
Star S 21RFC	*STD*	*3 Speed*	*115/1*	*WIS21RFC*	*115.04*
Star 32F	*STD*	*Single*	*115/1*	*WI32F*	*248.98*
Star S 33 FC	*STD*	*3 Speed*	*115/1*	*WIS33FC*	*347.30*

*** Flanges Included. See pages 914 & 918 for Flange Options**





High Velocity Flanges MUST use WEG40403 Gasket when using Webstone Isolations Valves

WILO Accessories

Flanges

Includes Bolts & Nuts

MODEL	FLG	SIZE	FOR USE WITH	STOCK NO	EACH
Tops S & Stratos	*HV*	*1¼"*	*C.I.*	*WI2705104*	*33.20*
Tops S & Stratos	*HV*	*1½"*	*C.I.*	*WI2705026*	*33.20*
Tops S & Stratos	*SPC*	*2"*	*C.I.*	*WI2705027*	*84.27*

Flange Gaskets

¾"–1½"

SIZE	STOCK NO	EACH
¾" - 1½"	*WI2705014*	*11.49*
For Stratos & Top S		
1¼" x 1½"	*WI2060210*	*11.49*
2"	*WI2060211*	*11.49*

NOTE: Please see pages 914 & 918 for other flanges

Zone Valves & Air Chargers

Hydronic Zone Valves
honeywell.com

(31)
5000 Series Zone Valves V8043 Quickfit®

Straight-thru normally closed
24-volt valves with sweat connections.

PIPE SIZE	ELECTRICAL CONNECTIONS	END SWITCH	STOCK NO	EACH
¾"	18" Leads	No	V8043A5029	107.83
½"	18" Leads	SPST	V8043E5004	122.79
¾"	18" Leads	SPST	V8043E5012	129.46
1"	18" Leads	SPST	V8043E5020	146.13
* ¾"	18" Leads	SPST	V8043E5061	131.36
*1"	18" Leads	SPST	V8043E5079	147.56
¾"	Terminal Block	SPST	V8043F5036	142.24
1"	Terminal Block	SPST	V8043F5051	158.37

*8CV rating

Models	
V8043A	Leadwires
V8043E	Leadwires & End Switch
V8043F	Terminal Board & End Switch

(31)
1000 Series Zone Valves V8043 Low Voltage

Straight-thru normally closed
24-volt valves with sweat connections.

PIPE SIZE	ELECTRICAL CONNECTIONS	END SWITCH	STOCK NO	EACH
¾"	18" Leads	Yes	V8043E1012	104.64
1"	18" Leads	No	V8043A1037	150.02
*1"	Terminal Block	Yes	V8043F1101	154.64
24-volt valves with ProPress connections.				
½"	18" Leads	Yes	V8043E1411	153.60
¾"	18" Leads	Yes	V8043E1412	155.10
½"	18" Leads	No	V8043A1311	151.13
¾"	18" Leads	No	V8043A1312	152.60

*8CV rating

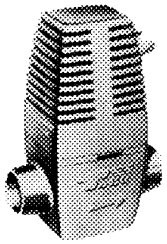
(31)
Honeywell 3-Way Zone Valve

PIPE SIZE	STOCK NO	EACH
¾"	V8044A1044	143.54

(21)
Parts for Zone Valves

STOCK NO	EACH
MH Motor	
HO82360JA	59.84
Powerhead Assembly for A-Series	
HO40003916521	135.14
Powerhead Assembly for E-Series	
HO40003916526	142.48
Powerhead Assembly for F-Series	
HO40003916548	157.08

Hydronic Zone Valves
taco-hvac.com

(24)
Taco Zone Valves

Each with its own Taco thermostat, permit accurate temperature control of individual rooms or groups of rooms in residences or commercial buildings. Exclusive heat motor functions silently. Beryllium copper metal bellows separates system water from the atmosphere for positive, leak proof operation. Easy to service replacement power head. Low voltage, heat operated valves designed for zoning hydronic heating/cooling systems.

PIPE SIZE	STOCK NO	EACH
¾"	TA571	173.33
1"	TA572	209.50

(24)
Taco Geothermal Valve
Designed for high head, open system zone control. End switch design permits control of the heat pump by the valve. This allows movement of cold water into the coil before the heat pump starts.
No. 557G • 1" sweat • 2-way

PIPE SIZE	STOCK NO	EACH
1" Sweat	TA557G2	306.72

(24)
Multi-Volt Zone Sentry Zone Valve

The Multi-Volt Zone Sentry will accept input voltages between 120 and 277VAC 50/60HZ. The Multi-Volt Zone Sentry zone valve is designed for use in hydronic HVAC systems, primarily in fan coils and air handlers or other HVAC systems where a quality line voltage zone valve is required
1" sweat • 2-way

PIPE SIZE	STOCK NO	EACH
1" Sweat	TAV100	359.14

(31)
Taco Zone Sentry Zone Valve

Flow capacity (Cv), shutoff pressure rating, diagnostic capability and the number of valves (12) that can be use on a standard 40VA transformer.

PIPE SIZE	STOCK NO	EACH
¾"	TAZ075C21	169.87
1"	TAZ100C21	195.29

Hydronic Zone Valves
resideo.com



(31)
Two-Way Globe Valve
Used for two-position or modulating control of steam water or water and glycol solutions (to 50% concentration) in heating/colling systems.

PIPE SIZE	STOCK NO	EACH
Hot Water (Direct Acting)		
¾"	V5011N1057	110.28

(31)
Actuators

STOCK NO	EACH
Valve adapter for ML actuator	
272629A	87.71

Caleffi
caleffi.com



(31)
Caleffi Zone Valve
Max body pressure: 300 psi
Working Temperature Range: 32—240°F
Water, 50% max glycol, 15 psi max steam
Press Connections • 18" leads
Designed for Zone Panel use ONLY

PIPE SIZE	STOCK NO	EACH
½" PRESS	CAZ44P	175.96
¾" PRESS	CAZ45P	178.91
1" PRESS	CAZ46P	202.47
Replacement Actuator	CAZ111000	90.56

Air Chargers
bellgossett.com


B&G Airtrol® Tank Fittings
Tank fitting provides separate passages for air to flow to the top of tank and water it displaces to flow back into pipe connections to system. Two tubes are provided for air passage. Larger tube permits air to flow into tank while smaller tube connects to a manual vent and permits initial venting. Provided with a ½" male thread for installation directly into bottom of tank and a ¾" female tapping for connection to boiler.

DIAMETER	STOCK NO	EACH
ATF-9"	BGATF9	199.70
ATF-12"	BGATF12	196.81
ATF-16"	BGATF16	196.81
ATF-20"	BGATF20	199.70
ATF-24"	BGATF24	196.81


DT-2 Drain-O-Tank® Air Charge
The Drain-O-Tank Air Charger offers a sure, quick way to recharge a water-logged compression tank.
125 PSIG Working Pressure
240°F Max. operating temperature

STOCK NO	EACH
BGDT2	65.87

Danfoss Zone Valves (24)

Suitable for all types of radiators including baseboard, convectors, free-standing radiators, or loop made up of any of these (as in apartment suites, etc.) Self-powered by means of a liquid charge, these units are independent and need no electrical wiring. The liquid in the bulb expands and contracts in accordance with room temperature and thereby modulates the supply of heat.

Type RA2000 Thermostatic Radiator Valves RA2000 Control Mechanisms

For pricing:
Add price of valve required to price of Control Mechanism

015G4290



Combined dial/operator/sensor for areas where heating unit is not obstructed by furnishing that interfere with air circulation around the sensor.

STOCK NO	EACH
RA015G4290	65.55

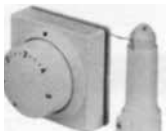
013G8564



Operator with separate 6' remote dial and 6' remote sensor for use where dial must be mounted away from the valve due to enclosure design, piping or convenience considerations. The remote sensor is placed beneath the radiation or on a draft-free wall.

STOCK NO	EACH
RA013G8564	199.00

013G8562



Wall mount operator with combined remote-mounted sensor and dial. 6' cap. tube.

STOCK NO	EACH
RA013G8562	131.11

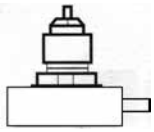
RA013G8070



Adapters from Old Series RA Operators to new Series RA2000 Operators.

STOCK NO	EACH
RA013G8070	84.40

RA013G8072



Adapters from Old Series RAV Operators to new Series RA2000 Operators.

STOCK NO	EACH
RA013G8072	84.40

Side Mount Angle Body | Angle Body | Straight Body







Type RA2000 Hot Water/Two Pipe Low Pressure Steam

DESCRIPTION	STOCK NO	EACH
½" NPT Angle Valve Body	RA013G8014	60.29
½" NPT Straight Valve Body	RA013G8015	60.29
¾" NPT Side Mount Angle Valve Body	RA013G8018	68.73
¾" NPT Angle Valve Body	RA013G8019	68.73
¾" NPT Straight Valve Body	RA013G8020	68.73
1" NPT Angle Valve Body	RA013G8024	97.67
1" NPT Straight Valve Body	RA013G8025	97.67
1¼" NPT Angle Valve Body	RA013G8031	167.62
1¼" NPT Straight Valve Body	RA013G8032	167.62

One Pipe Low Pressure Steam

With vacuum breaker (Also requires a #41 Hoffman air Vent)

SIZE	STOCK NO	EACH
⅛" NPT	RA013G0140	118.16

Hot Water Valve

Solder Union Straight VB

SIZE	STOCK NO	EACH
¾"	RA013G8044	92.86

NOTE:
Heating Applications ONLY
If Valve Contains LEAD



Isolator Double Flanged Check

Forged Brass Check Valve, w/ Rotating Flange, Includes One Set of Mounting Bolts & Flange Gasket, Fits Standard & High Velocity Pumps.

SIZE	STOCK NO	EACH
3/4" thru 1 1/4"	WE13703HV	56.46
1 1/2" thru 2"	WE13706HV	70.54

Contains LEAD



Rotating Isolation Flanges

Press Connect • High Velocity

SIZE	FLANGE	STOCK NO	EACH
3/4"	HV	WE81403HV	56.53
1"	HV	WE81404HV	67.84
1 1/4"	HV	WE81405HV	84.79
1 1/2"	HV	WE81406HV	106.02
2"	HV	WE81407HV	158.99

Contains LEAD



Rotating Isolation Flanges

Press Connect • High Velocity with Multi-Function Drain

SIZE	FLANGE	STOCK NO	EACH
3/4"	HV	WE81413HV	79.14
1"	HV	WE81414HV	96.57
1 1/4"	HV	WE81415HV	120.69
1 1/2"	HV	WE81416HV	150.88
2"	HV	WE81417HV	226.28

Contains LEAD



Purge and Fill Valve

SIZE	STOCK NO	EACH
IPS		
3/4"	WE48613	80.77
1"	WE48614	100.94
1 1/4"	WE48615	126.12
Sweat		
3/4"	WE58613	80.77
1"	WE58614	100.94
1 1/4"	WE58615	126.12
Press		
3/4"	WE88613	89.72
1"	WE88614	112.15
1 1/4"	WE88615	140.16

Contains LEAD



Loop Purge Tee

SIZE	STOCK NO	EACH
Press		
1" x 3/4"	WE88643	141.99
1" x 1"	WE88644	157.72
1 1/4" x 1 1/4"	WE88655	286.81



Rotating Isolation Flanges

SIZE	FLANGE	STOCK NO	EACH
Flange X Sweat • LEAD FREE			
3/4"	STD	WE51403	63.60
1"	STD	WE51404	76.32
1 1/4"	STD	WE51405	95.37
1 1/2"	STD	WE51406	119.21
Flange X IPS • LEAD FREE			
3/4"	STD	WE41403	63.60
1"	STD	WE41404	76.32
1 1/4"	STD	WE41405	95.37
1 1/2"	STD	WE41406	119.21



High Velocity Rotating Isolation Flanges

SIZE	STOCK NO	EACH
Flange X Sweat • LEAD FREE		
1 1/4"	WE51405HV	95.37
1 1/2"	WE51406HV	119.21
2"	WE51407HV	178.88

SIZE	FLANGE	STOCK NO	EACH
Flange X IPS • LEAD FREE			
1 1/4"	HV	WE41405HV	95.37
1 1/2"	HV	WE41406HV	119.21



Full Port Ball Drain

SIZE	STOCK NO	EACH
Press Connect • High Flow Hose Drain • LEAD FREE		
1/2"	WE80612W	56.06
3/4"	WE80613W	74.77
1"	WE80614W	119.63
1 1/4"	WE80615W	191.37
1 1/2"	WE80616W	267.90

Contains LEAD



Full Port Ball Valve

IPS • High Flow Hose Drain and adjustable packing gland

SIZE	STOCK NO	EACH
1 1/2"	WE40616	140.65
2"	WE40617	210.98

Contains LEAD



Full Port Ball Service Valve

1/2" FIP x MIP x FIP x HOSE

Hi-Flow Hose Drain • 600 WOG

PIPE SIZE	STOCK NO	EACH
1/2"	WE41672	49.55



Rotating Flange

With Multi-Function Drain

Full port brass ball valves.

SIZE	FLANGE	STOCK NO	EACH
FLG x C • LEAD FREE			
3/4"	STD	WE51413	89.02
1"	STD	WE51414	108.63
1 1/4"	STD	WE51415	135.78
1 1/2"	HV	*WE51416HV	135.78
1 1/2"	HV	WE51416WHV	169.71
2"	HV	WE51417HV	254.57

*** Contains Lead**

Contains LEAD



Isolator Flanges

Isolator Valve

LESS Check • For UP4375 & UPS40 HV Pumps

SIZE	FLANGE	STOCK NO	EACH
Flange X IPS			
2"	HV	WE40407HV	143.12

Full Face Gasket

STOCK NO	EACH
WEG40403	1.09

NOTE:
Must use with Wilo's Strato's High Velocity Flanges



Full Port Ball Valve

IPS • 600 WOG • High Flow Hose Drain and adjustable packing gland • LEAD FREE

SIZE	STOCK NO	EACH
1 1/2"	WE40616W	187.56
2"	WE40617W	281.30



Purge Valves

Full port forged brass ball valves.

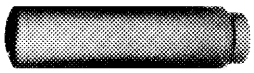
600WOG / 125WSPt • LEAD FREE

SIZE	STOCK NO	EACH
Sweat		
1/2"	WE50612	41.86
3/4"	WE50613	59.80
1"	WE50614	83.73
IPS		
3/4"	WE40613	59.80
1"	WE40614	83.73
1 1/4"	WE40615	133.95

Thermal Expansion Tanks for DHW on page 511

Hydronic Accessories (24)

Expansion Tanks



Standard Compression Tanks

- Compression tank must be absolutely air tight.
- Tanks are of black steel construction, thoroughly tested and guaranteed leakproof.
- Tanks are rustproof coated on the exterior only.

TANK CAP (GAL)	TANK DIMEN	STOCK NO	EACH
75 P.S.I. Working Pressure			
8	12x16"	8EXTA	182.90
15	12x30"	15EXTA	220.90
18	12x36"	18EXTA	237.91
24	12x48"	24EXTA	267.45
75 P.S.I.G. Working Pressing With gauge glass ½" tappings			
30	12x60"	30EXTAG	324.80
40	14x60"	40EXTAG	366.73
66	18x60"	66EXTAG	476.62
82	20x60"	82EXTAG	540.13

See Hydro-Node on page 722 for Wall Mount Applications



Extrol Compression Tanks

- For use with closed hydronic
- heating and cooling systems.
- Max. working pressure = 100 PSIG.
- Max. operating temperature = 240°F.
- Factory precharge = 12 PSIG.

SYSTEM CONN(NPT)	ACCEPTANCE VOL(GAL)	STOCK NO	EACH
½"	1.0	AM15	61.00
½"	2.5	AM30	72.58
½"	2.5	AM60	147.28
1"	11.3	AMSX30	302.12
1"	11.3	AMSX40V	329.44
1"	11.3	AMSX60	463.39
1¼"	34.0	AMSX90	825.97
1¼"	46.0	AMSX160V	1044.10



Extrol Pro Compression Tanks

- Engineered for modern, high efficiency systems including hydronic, solar and radiant systems.
- Max. working pressure = 125 PSIG.
- Max. operating temperature = 200°F.
- Factory precharge = 15 PSIG.

SYSTEM CONN(NPT)	ACCEPTANCE VOL(GAL)	STOCK NO	EACH
½"	1.0	AMEX15PRO	77.50
½"	2.7	AMEX30PRO	92.38

(00)

Expansion Tank Tag

STOCK NO	EACH
EXTATA	1.72

(02)

Expansion Tank Support Kit

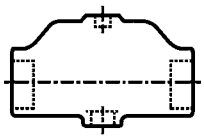
13" Max. Diameter



STOCK NO	EACH
SC5980213	7.99

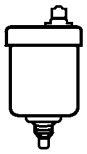
Air Purgers

amtrol.com



Amtrol Air Purgers

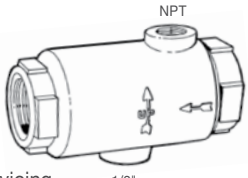
SIZE	STOCK NO	EACH
1"	AM443	39.11
1¼"	AM444	39.11
1½"	AM445	88.28
2"	AM446	97.35



Amtrol Air Vent

Float vent: up to 150 PSI

PIPE SIZE	STOCK NO	EACH
⅛"MPS	AM700C	17.66



B & G In-line® Air Separator

- Easily Installed
- Compact Design
- No Moving Parts
- Never Requires Servicing
- Efficiently Separates Air
- One Piece Cast Iron Construction

Specifically designed to efficiently separate air from circulating water in hydronic heating and cooling systems. Minimum working pressure: 175psi. Maximum operating temp. 300° F

NO.	SIZE	NPT	STOCK NO	EACH
IAS-1	1"	⅛"	BGHIAS1	44.14
IAS-1¼	1¼"	⅛"	BG114IAS	44.14
IAS-1½	1½"	¾"	BG112IAS	125.17
IAS-2	2"	¾"	BG2IAS	125.17
IAS-2½	2½"	¾"	BG212IAS	352.37
IAS-3	3"	¾"	BG3IAS	368.29

bellgossett.com



(31)

Caleffi 132 Series QuickSetter Balancing Valves

With Flow Meter

- Max. Working Pressure: 150psi
- Working Temperature Range: 14—230°F
- Max. % of Glycol: 50%

SIZE	FLOW RATE(GPM)	STOCK NO	EACH
SWEAT CONNECTIONS			
½"	0.5-1.75	CA132439	211.58
½"	2.0-7.0	CA132459	211.58
¾"	2.0-7.0	CA132559	220.10
1"	2.0-7.0	CA132659	243.35

caleffi.com

Expansion Tanks

zilmetusa.com

(24)



Zilmet Expansion Tanks with Base

- Carbon Steel Shell
- Carbon Steel Connection
- SBR synthetic rubber membrane
- Max operating pressure: 90 PSIG
- Operating temperature: 210°F
- Factory precharge: 12 PSIG
- 5 year limited manufacturer warranty
- FOR HYDRONIC USE ONLY

CAPACITY GALLONS	TANK DIA/WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
All tanks system connections are ¾" NPT					
13.2	16"	20"	8.1	ZHT50F	322.91
21.1	17.7"	23.9"	15.3	ZHT80	422.85
27.7	19.7"	26.2"	20.1	ZHT105	517.60
39.6	19.7"	35.3"	28.8	ZHT150	675.06
66.0	24.8"	37"	48	ZHT250	967.12
79.3	24.8"	43.5"	57.7	ZHT300	1296.86

(24)



Zilmet In-line Hydronic Expansion Tanks

- Carbon Steel Shell
- Carbon Steel Connection
- SBR synthetic rubber membrane
- Max operating pressure: 90 PSIG
- Operating temperature: 210°F
- Factory precharge: 12 PSIG
- 5 year limited manufacturer warranty
- FOR HYDRONIC USE ONLY

CAPACITY GALLONS	TANK DIA/WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
All tanks system connections are ½" NPT					
2.1	8.7"	11.6"	1.4	ZHT815	68.34
4.8	11.4"	14.8"	3	ZHT1830	76.53
6.3	12.8"	16.3"	3.9	ZHT2460	104.70



(24)

Zilmet Flat Hydronic Expansion Tanks

- Pairs with a wall hung condensing boilers
- All tanks come with a welded mounting bracket & union connection with a double system check
- Welded mounting bracket & unique design allows for a quicker & less expensive installation
- Professional look to the mechanical room
- Great for tight installations
- Easier access to the boiler for maintenance

CAPACITY GALLONS	TANK DIA/WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
All tanks system connections are ½" NPT					
2.1	9.8"	3.7"	1.1	ZFT8R15	135.68
4.8	13.8"	6.2"	2.4	ZFT18R30	164.32
6.3	13.8"	7"	3.5	ZFT24R60	235.11

(24)



Zilmet In-line Hydronic Radiant Tanks

- For low temperature radiant floor systems
- All radiant tanks have a polypropylene liner to prevent corrosion due to oxygen in the system
- All tanks come with a stainless steel connector
- Suitable for use with glycol

CAPACITY GALLONS	TANK DIA/WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
All tanks system connections are ½" NPT					
2.1	7.9"	11"	1.4	ZHTR15	101.45
4.8	10.6"	13.7"	3.3	ZHTR30	113.76

Hydronic Accessories

Flow Controls

bellgossett.com

(24)

"Flo-Control"



Used in forced circulation hot water heating systems to prevent the circulation of hot boiler water when pump is not in operation and heat is not needed in the radiators.

NO & SIZE	STOCK NO	EACH
Straight-Angle - Cast Iron		
SA-¾"	BG34SA	107.78
SA-1"	BG1SA	110.03
SA-1¼"	BG114SA	144.46
SA-1½"	BG112SA	232.78
SA-2"	BG2SA	404.94

(24)

B&G Hydrotrol™ Flow Controls

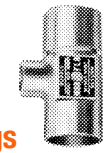


Maximum working pressure - 150 psi.
Maximum operating temperature - 250°

SIZE	STOCK NO	EACH
Brass Body		
¾" NPT	BG34HT	89.07
1" NPT	BG1HT	92.81
1¼" NPT	BG114HT	123.50

(24)

B&G "Red Ring Monoflo" Fittings



SIZE	STOCK NO	EACH
Copper		
¾ x ½"	34X12COMOT	43.41
1 x ½"	1X12COMOT	45.66
1 x ¾"	1X34COMOT	45.66
1¼ x ¾"	114X34COMOT	47.16

Combination Relief & Reducing Valves



(24)

Dual Unit Valves

Reducing Valve Set at 12 PSIG
Relief Valve Set at 30 PSIG

SIZE	BODY	STOCK NO	EACH
Relief and reducing			
½" NPT	Iron	BG128	179.64
Reducing only			
½" NPT	Brass	BG12B38	106.29
½" NPT	Brass	BG12FB38	113.02
¾" NPT	Brass	BG34B712	159.43

Pressure Reducing Valves

watts.com

(18)

Water Pressure Reducing Valves



- Union inlet and integral strainer.
- Bronze body construction.
- Renewable stainless steel seat and built-in by-pass check valve.
- Initial pressures up to 300 lbs.
- Max. temp. 180° F.

SIZE	STOCK NO	EACH
U5B - Reduced Range 25-75 lbs.		
½"	WA12U5B	991.30
¾"	WA34U5B	902.94
1"	WA1U5B	1764.06
1¼"	WA114U5B	4163.14
1½"	WA112U5B	4040.51
2"	WA2U5B	4613.28
U5BLP - Reduced Range 10-35 lbs.		
½"	WA12U5BLP	1077.39
¾"	WA34U5BLP	1243.54

(18)

No. LF25AUB Competitive Water Pressure Reducing Valve

For supply water pressures up to 300 lbs and can be adjusted from 25 to 75 lbs. Bypass feature. Max. temp 180° F.

SIZE	STOCK NO	EACH
½"	WA1225AUB	277.99
¾"	WA3425AUB	282.53
1"	WA125AUB	411.10
1¼"	WA11425AUB	737.21
1½"	WA11225AUB	1107.23
2"	WA225AUB	1332.95

(18)

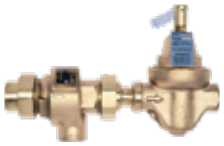
Apollo Pressure Reducing Valve With Fast Fill



SIZE	PSI	STOCK NO	EACH
Swt Union x Thread			
½"	10-25	AP3570301	171.55
NPT x NPT - No Union			
½"	10-25	AP3560301	158.69

(18)

Apollo Backflow Preventer & Pressure Reducing Valve



PIPE SIZE	STOCK NO	EACH
½"	AP356H3BF	347.94

(31)

AutoFill Filling Valve



Max. Working Pressure: 230psi
Working Temperature Range: 150°F
Pressure Setting Range: 3—60psi
½" NPT Male x ½" NPT Female

SIZE	STOCK NO	EACH
½"	CA553542A	96.45

Relief Valves

(24)

No 10-407 Conbraco ASME Side Outlet Relief Valve



Pressure Range: 30 PSI

NO	SIZE	STOCK NO	EACH
10-407	¾"	34REVA30	36.10

(18)

335 Series A.S.M.E. Tested and Rated Hot Water Boiler Safety Relief Valve



For boilers up to 510,000 BTU at 30 PSI.
All bronze construction.
These valves feature a stainless steel spring, high heat resisting silicone disc, and bronze seat.

SIZE	BODY	STOCK NO	EACH
¾"	Bronze	WA34335	42.73

(18)

Apollo Pressure Relief Valves



ASME rated

SIZE	RELIEF CAP'Y MBH	STOCK NO	EACH
30 PSI rating			
¾" x 1"	827	AP1060405	166.50
1" x 1"	1339	AP1060505	284.24
1½ x 2"	3696	AP1061705	728.18
50 PSI rating			
¾" x ¾"	1209	AP1060410	166.50
1" x 1"	1956	AP1060510	284.24

NEW ITEM



(24)

Caleffi - Series 573

AutoFill™, Automatic filling valve with backflow preventer and pressure gauge
Automatic filling valve with backflow preventer and pressure gauge Pre-adjustable automatic filling valve with backflow preventer.
Temperature Range 40-150°F • Adjustable Pressure Range 30-60 psi

PIPE SIZE	STOCK NO	EACH
½" Press	CA573016A	195.84



3450 Combination Boiler Feed & Backflow Valve

Combines a cartridge style backflow preventer with a pressure regulating cartridge style boiler feed valve into a unique one piece body configuration. Taco's 3450 combination dual check backflow with atmospheric vent and boiler feed valve includes purge auto-reset, dial in pressure setting and adjustable indicator.
Maximum inlet pressure, 150 psi.

DESCRIPTION	STOCK NO	EACH
½" NPT x ½" Union Sweat.	TA3450	141.48

Hydronic Accessories (24)

Hoffman Air Vents
hoffmanspecialty.com



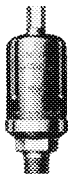
No. 77 Water Vent
- Size Conn: ⅛" straight shank
- Max. Operating Pressure: 35 PSIG
- Max. Temperature: 230 Fah.

STOCK NO	EACH
HO77	69.86



No. 508 Air Valve
- Size Conn: ⅛" straight shank
- Max. Water Pressure: 50 PSI

STOCK NO	EACH
HO508	23.94



No. 79 Water Main Vent Valve
- Built-in Check Valve
- Size Conn: ½" female x ¾" male
- straight shank.
- Max. Operating Pressure: 75 PSI
- Will withstand hydrostaticpressures of 200 PSI

STOCK NO	EACH
HO79	207.21

Caleffi
caleffi.com



(31)
DIRTMAG Magnetic Dirt Separator
- Max. Working Pressure: 45psi
- Working Temperature Range: 32—195°F
- Max. % of Glycol: 30%

SIZE	STOCK NO	EACH
NPT CONNECTION		
1" NPT	CANA545306	177.17



Boiler Trim Kit
NEW ITEM
- (1) Caleffi DISCAL® air separator: 1" press connection
- (1) Backflow preventer: ½" NPT, sweat or press union
- (1) AutoFill™
- (1) Expansion tank check valve
- (2) Brass nipples: 3"
- (1) NPT brass tee
- (1) Expansion tank

STOCK NO	EACH
CANA553366	480.04

Coin Key Air Vents On Page 717

B&G Air Vents
bellgossett.com



Air Vent
Automatic air vents are desiged to vent the accumulation of troublesome air whenever it can be trapped. 240 F. Max. operating temperature.

MODEL	PSI	CONNECTION	STOCK NO	EACH
No.7	75 PSI	⅛" F	BG7	93.56
No.67	35 PSI	⅛" M	BG67	54.64

Spirovent
spirotherm.com



Spiro-Vent Quad Air, Dirt & Hydraulic Separator with Low Loss Headers.
Brass body, Non-ferrous float, brass vent head & blow down valve. Engineered Spirotube® coalescing media Neodymium magnets. Maximum pressure: 150 PSI. Maximum temperature: 270°.

SIZE	MAX FLOW(GPM)	STOCK NO	EACH
IPS CONNECTION			
1"	10	VDX100FT	527.76
1¼"	15	VDX125FT	607.86
1½"	30	VDX150FT	761.16
2"	40	VDX200FT	1567.42
FLANGED ASME			
2"	60	VDX200FA	4025.63
2½"	90	VDX250FA	4178.01
3"	140	VDX300FA	5313.64
4"	240	VDX400FA	5649.81
PRESS FIT			
1"	10	VDX100PF	596.18
1¼"	15	VDX125PF	715.06
1½"	30	VDX150PF	933.48
2"	40	VDX200PF	1249.03



Spiro-Vent Air Eliminator/Dirt Separator

SIZE	MAX FLOW(GPM)	STOCK NO	EACH
IPS CONNECTION With Magnet			
¾"	6	VDR075FTM	253.47
1"	10	VDR100FTM	417.48
1¼"	15	VDR125FTM	347.80
1½"	30	VDR150FTM	435.12
2"	40	VDR200FTM	604.10
PRESS FIT With Magnet			
¾"	6	VDR075PFM	295.72
1"	10	VDR100PFM	316.84
1¼"	15	VDR125PFM	417.36
1½"	30	VDR150PFM	473.14
2"	40	VDR200PFM	663.24

Taco Air Vents
taco-hvac.com



Taco Hy-Vent
High capacity float type vent ideal for use on large air separating equipment

SIZE	STOCK NO	EACH
¼" male	TA426	62.61

Spirovent
spirotherm.com



Spiro-Vent Air Eliminator
For residential and light commercial jobs. Solid brass. Female threads. ½" tapping at bottom to accomodate a bladder-type compression tank. Maximum pressure: 150 PSI. Maximum temperature: 270°.

SIZE	MAX FLOW(GPM)	STOCK NO	EACH
JUNIOR • IPS CONNECTION			
¾"	6	VJR075FT	110.32
1"	10	VJR100TM	123.72
1¼"	15	VJR125TM	170.93
1½"	30	VJR150TM	222.68
2"	40	VJR200TM	279.10
JUNIOR • PRESS FIT			
¾"	6	VJP075TM	126.89
1"	10	VJP100TM	148.45
1¼"	15	VJP125TM	213.67
1½"	30	VJP150TM	289.49
2"	40	VJP200TM	376.78
SENIOR • IPS CONNECTION			
2"	45	VSR200MT	1451.89
2½"	70	VSR250MT	1613.47
3"	95	VSR300MT	2325.63
4"	170	VSR400MT	2497.93
SWEAT CONNECTION			
¾"	6	VJS075TM	110.32
1"	10	VJS100TM	123.72
1¼"	15	VJS125TM	170.93



Spiro-Vent Junior Repair Head

STOCK NO	EACH
PJR000HA	61.18



Spiro-Vent Quick Release Air Valve
½" FPT and ¾" MPT combination thread.

STOCK NO	EACH
VTP050FT	69.03

Heating Accessories (24)

slantfin.com

Slant/Fin "Hydro-Flex" Flexible Metal Hose Assemblies



Sweat coupling x 8" flex-hose x 9" copper tubing.

SIZE	STOCK NO	EACH
No 600		
½"	12600FLCO	31.76
1"	1600FLCO	58.39

FLEXPIPE

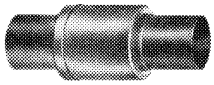


Used to carry hot water or oil.
"Flexpipe" absorbs line vibration, takes up piping travel and connects outlets which do not line up.

Custom Assemblies Available AT MAX. WORKING P.S.I.

PIPE SIZE X LENGTH	AT ROOM TEMP.	MAX. WORKING P.S.I. AT MAX. TEMP. 350 FAH.	STOCK NO	EACH
Stainless Steel with Carbon Steel Ends				
½ x 10"	735	595	12X10FLCO	54.34
¾x 11"	595	480	34X11FLCO	66.01
1 x 12"	460	370	1X12FLCO	74.46
1¼ x 15"	430	345	114X15FLCO	117.53
1½ x 15"	410	350	112X15FLCO	108.27
2 x1 5"	480	410	2X15FLCO	151.34
2½ x 18"	390	335	212X18FLCO	256.39
3 x 18"	250	215	3X18FLCO	308.32

Expansion Joints



Model HB - Copper Piping Systems
2" stroke - 1¾" compensation; ¼" extension • Maximum operating temperature - 400°F. • Maximum working pressure - 200 psi • Maximum test pressure - 300 psi • Fittings - copper female sweat ends • Stainless steel billows and shroud, copper tube ends

Model H - Steel Piping Systems
Stroke - 1¾" compensation; ¼" extension (total stroke 2") • Maximum operating temperature - 750°F. • Maximum working pressure - 200 psi Maximum test pressure - 300 psi • Fittings - male thread ends Stainless steel billows , steel shroud and fittings

SIZE	STOCK NO	EACH
Model HB - Sweat		
¾"	HB075FFS	127.59
1"	HB100FFS	148.93
1¼"	HB125FFS	174.28
Model H - I.P.T.		
¾"	34HEXCO	139.27
1"	1HEXCO	162.21
1¼"	114HEXCO	186.36
1½"	112HEXCO	234.26
2"	2HEXCO	324.01
2½"	212HEXCO	378.35

IntaKlean2 Magnetic Dirt Separator



- Can be mounted vertically, horizontally or diagonally
- Dual removable stainless steel mesh filters
- 11,000 Gauss magnet in dry-well
- Easy access for adding up to 16 oz of treatment fluids at a time
- 5 year manufacturer's warranty

SIZE	STOCK NO	EACH
1" Press	IK210P	306.05
1¼" Press	IK211P	344.21

Xmag - Magnetic System Hub



A magnetic filter, dirt separator, chemical dosing point, manual and automatic de-airating function.

- Quick and Efficient Servicing Schedule
- Self Closing Filter Basket for Easy Debris Removal
- Multiple Inlet Configurations to Suit Many Installations
- Manual and Automatic Air Venting
- Mesh Particle Filtration Down to 100 Microns

SIZE	STOCK NO	EACH
2" NPT	XM20	2836.46

McDonnell Miller Controllers (24)

mcdonnellmiller.com



(24)

Liquid Flow Switches

FS1 . . . . . .High sensitivity for low flow conditions, Nema 1", ½" NPT.
FS4-3 . . . . .General purpose, HVAC and process work, Nema 1", 1-6" NPT.
FS4-3T3 . . . .FS4-3 with 1" tee, low flow, Nema 1", 1-6" NPT.
FS43T2¾ . . .FS4-3 with ¾" tee, medium flow, Nema 1", 1-6" NPT.
FS5-1 High sensitivity for low flow conditions suitable for water or water and petroleum base compound mixtures, Nema 1", 1" NPT.
FS6-1 . . . . . .Same as above, 1" NPT.
FS7-4 . . . . . .Industrial service; process liquids, Nema 1", 1¼"-16"†.
FS8-W . . . . .HVAC and process work, Nema 4X*, 1-6" NPT.
*Nema 1 . . . .General purpose enclosure. Protects against falling dirt. Not dust-proof or splash proof.
*Nema 4X . . .Water tight, dust tight and corrosion resistant.
† . . . . . .Paddle available for larger diameter pipe (up to 36").

Call for quotation.

MAX. PRESS. P.S.I.	MAX. TEMP. (F)	MATERIALS WETTED*	STOCK NO	PRICE
100	225	A,B,C	FS1	455.49
150	300	A,D,E	FS43	278.78
150	250	A,G,H	FS51	465.89
100	225	A,B,C	FS61	717.26
300	300	A,B,F,J,K	FS74	765.45
150	225	A,D,E	FS8W	361.94

BoilerMag (24)

boilermag.com

Boilermag Residential Filter



- Install/Clean in minutes, protects for years
- Dual flow technology – filters twice on one pass
- Includes automatic air vent to automatically release trapped air
- Guaranteed no block
- Removes both magnetic and non-magnetic debris
- Fits in line and has 360° adjustment
- Easy access for chemical dosing
- Features 1" NPT threaded valves (1.25" NPT adaptors included)
- Comes with Boilermag 3 year warranty

SIZE	STOCK NO	EACH
1" NPT	BMR	265.27
Flushing Attachment		
For use with BMR	BMFA1	5.99

Boilermag Commercial Filter



- Easy to install and clean
- Fits standard 1½" connections
- Dual flow technology – filters twice on one pass
- Guaranteed no block
- Removes both magnetic and non-magnetic debris
- High collection capacity
- Comes with Boilermag 10 year warranty

SIZE	STOCK NO	EACH
1½" NPT	BMXL	1195.75



No 47 Water Feeder

Most widely used feeder cut-off combination for the closed steam heating system boiler up to 5000 sq. ft. capacity.
Has time-saving Quick hook-up Fittings for installation in gauge glass tappings, and Self-Closing Blow-off Valve. No. 47 is boiler feeder only, without cut-off switch.
Maximum boiler pressure, 25psi.
Maximum water supply pressure, 150 psi.

STOCK NO	EACH
MM47	*1483.65*
No 47 with switch	
MM472	*1776.60*



No 51-2 Feeder Cut-off Combination

Has larger feeding capacity than the No. 47-2, for steam boilers above 5000 sq. ft. capacity, and for hot water boilers.
Maximum boiler pressure, 35 psi.
Maximum water supply pressure, 150 psi

STOCK NO	EACH
MM512	*2183.90*



No 67 Series Low Water Cut-off

This is the most widely used control of its kind. It interrupts electrical service to the burner when the water level falls below the prescribed cut-off level. The "Quick Hook-up" fittings permit installation in the boiler gauge glass tappings, a feature which positions the control properly and provides correct reproduction of the boiler water level in the float chamber and gauge glass.
For boilers of any size.
Maximum steam pressure, 20 psi.

STOCK NO	EACH
MM67	*732.38*

No 64 Low Water Cut-off

This control is compact in size and built for the pressures encountered in hot water service. They utilize the McDonnell No. 11 Switch, which provides an extra switch, operating at a different level, for low water alarm. Both controls can be used for steam service, and differ only in method of installation. Requires 1" NPT equalizing pipes.
For boiler of any size.
Maximum boiler pressure, 50 psi.

STOCK NO	EACH
MM64	*820.26*



No 764 Low Water Cut-off

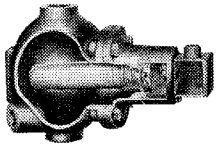
Designed with 2½" NPT side tapping for installation with close nipple in 2½" tapping available on some hot water boilers.
Can also be used on steam service.
Has same construction and operation as No. 64, utilizing McDonnell No. 11 Switch.
For boiler of any size.
Maximum boiler pressure, 50 psi.

STOCK NO	EACH
MM764	*811.76*

"Built-in" Low Water Cut-offs

For installation 2½" NPT tappings provided by some boiler manufacturers. Selection of the particular model depends upon the insertion length into the boiler. Order the "Built-in" that provides max insertion length within the boiler.
For boilers of any size.
Maximum steam pressure, 20 psi.

INSERTION LENGTH	STOCK NO	EACH
4⅛"	*MM69*	*576.45*



No 61 Low Water Fuel Cut-off

For installation on boilers where "Quick Hook-up" fittings cannot be used. Installed with 1" steam and water equalizing lines, and requires a separate blow-off valve.
For boilers of any size.
Maximum steam pressure, 20 psi.

STOCK NO	EACH
MM61	*815.54*
2½" pipe tap opening in body	
MM767	*645.44*



No 63 Low Water Fuel Cut-off

For Hot Water Heating Boilers and Steam Heating Boilers.
Available with manual reset cut-off switch.
Control can be tested on a hot water boiler by gently inserting a screwdriver or similar tool in the test opening below the switch and simulating a low water condition.
Maximum steam pressure, 50 psi.

STOCK NO	EACH
MM63	*978.08*
With manual reset	
MM63M	*978.08*
Test and Check	
MMTC4	*1000.76*



PS851/751 Series Electronic Probe Level Control

Utilizes an electrode inserted into the liquid, and the conductivity of the liquid, to complete the circuit to ground.
When the boiler water drops below the probe, the control automatically breaks the electrical circuit to the burner.

STOCK NO	EACH
With Manual Reset	
MM751PMT120	*526.01*

101A Electric Water Feeder



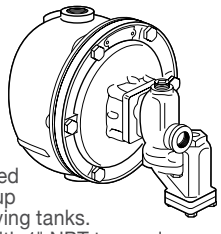
The No. 101A Electric Water Feeder has the same packless construction, straight-thrust valve action and built-in strainer perfected in other McDonnell Feeders. It closes tight against supply pressures up to 150 psi.

For Oil Boilers
The standard No. 101A Electric Water Feeder is furnished with 120VAC coil.

For Gas Boilers
The No. 101A is also available with low voltage coil and companion transformer for use on gas fired boilers having 24 volt control circuits.

VOLTS	STOCK NO	EACH
115	MM101A	802.31
24	MM10124V	1058.40

No. 25A Make-up Water Feeder



A dependable float-operated feeder used to add make-up water to condensate receiving tanks. It is mounted to the tank with 1" NPT top and bottom equalizing lines and feeds water through a separate pipe, permitting anti-syphon air gap. Has large capacity, with composition valve disc and Monel seat.

STOCK NO	EACH
MM25A	1816.29

Mercury FREE Controllers



No. 42S Pump Controller and Low Water Cut-Off

Construction is completely packless.
Installed with 1" NPT equalized pipes.
For boilers of any size.
Maximum boiler pressure, 50 psi.

STOCK NO	EACH
MM42S	1325.84

No. 150S High Pressure Pump Control, Cut-Off & Alarm

For steam boilers of any size up to 150 lbs. steam pressure. Manual or automatic reset.

RESET	STOCK NO	EACH
Automatic	MM150S	1466.64
Manual	MM150SM	1466.64

No. 157S

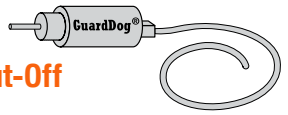
Same as 150 except with integral water column.

EQUALIZING TAPPINGS	GAUGE GLASS TRICOCK TAPPINGS	STOCK NO	EACH
1"	½"	MM157S	1922.13

(21)

No. 14 Blow-Off Valve

STOCK NO	EACH
MM14	306.43



No. RB-24 Low Water Cut-Off

24 volt. Auto Reset

STOCK NO	EACH
MMRB24E	208.85
For Use with Lochinvar	
MMRB24EL	220.19



No. RB-122 Low Water Cut-Off

VOLTAGE	STOCK NO	EACH
120v	MMRB122E	210.74

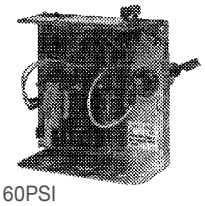
Note: We carry parts in stock for McDonnell Miller feeders, cut-offs & pump controls.



Low Water Cut-Off

With Wiring Harness

STOCK NO	EACH
1100	128.88
With Manual Reset	
1100M	158.40



Safgard 120 Volt Low Water Cut-Offs

Model 650 - Max. pressure 160PSI
Input voltage: 120VAC, 60hz.
Features a test buttom and indicating light.
Button interrupts the burner circuit to simulate a lower water condition.

STOCK NO	EACH
650SV	235.41
With manual reset	
550SV	245.39

Safgard 24 Volt Low Water Cut-Offs

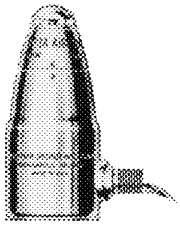
Model 600 - Max. pressure 160PSI
Input voltage: 24 Volt.
Features a test buttom and indicating light.
Button interrupts the burner circuit to simulate a lower water condition.

STOCK NO	EACH
600SV	235.41
With manual reset	
500SV	245.39

Hoffman Steam Air Vents (24)

hoffmanspecialty.com

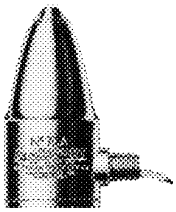
No 1A Air Valve



- A float-type vent with adjustable port for true proportional venting.
- Port settings from (#1) slow to (#6) fast venting.
- Operating Press: up to 1½ PSI
- Max. Press: 10 PSI

SIZE CONN	STOCK NO	EACH
⅛" Angle	HO1A	77.71

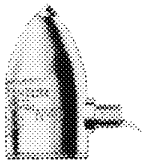
No 70A Air Valve



- A float-type vent with a single non-adjustable port.
- This valve meets Federal Specification WW-V-151 for Type 1 Non-Adjustable Valves.
- Operating Press: up to 11 PSI
- Max. Press: 15 PSI

SIZE CONN	STOCK NO	EACH
⅛" Angle	HO70A	130.64

No 40 Air Valve



- A float-type vent with a single non-adjustable port.
- For use on ordinary one-pipe system not requiring proportional venting.
- Operating Press: up to 6 PSI
- Max. Press: 10 PSI

SIZE CONN	STOCK NO	EACH
⅛" Angle	HO40	45.52

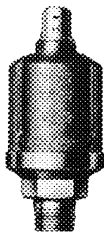
No 41-43-45 Air Valve



- Single-port, straight-shank vent for small steam systems.
- Angle cut of telescopic siphon tube assures positive drainage.
- Max. Press: 10 PSI

SIZE CONN	STOCK NO	EACH
⅛" Straight	HO41	69.07

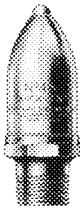
No 75 Air Valve



- Float-type vents, each with single non-adjustable port for relieving air from the mains of medium and large size systems.
- Size Conn: ½" female x ¾" male straight shank
- Operating Press: up to 3 PSI
- Max. Press: 15 PSI

STOCK NO	EACH
HO75	202.50

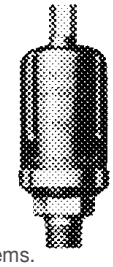
No 4A Air Valve



- A float-type vent with single non-adjustable port for use as a main vent on residential and other small one-pipe or two-pipe steam systems.
- Size Conn: ½" female x ¾" male straight shank
- Operating Press: up to 2 PSI
- Max. Press: 10 PSI

STOCK NO	EACH
HO4A	88.69

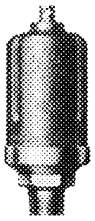
No 76 Vacuum Valves



- Float-type vents, each with single non-adjustable port for relieving air from the mains of medium and large size one-pipe vacuum systems.
- Size Conn: ½" female x ¾" male straight shank
- Operating Press: up to 3 PSI
- Max. Press: 15 PSI

STOCK NO	EACH
HO76	340.65

No 74 Steam Unit Heater Air Valve



- Float-type vent with single non-adjustable port especially designed for use with Steam Unit Heaters.
- Vents air, when present, with rising, dropping, or steady pressure.
- Size Conn: ½" female x ¾" male straight shank
- Operating Press: up to 35 PSI
- Max. Press: 35 PSI

STOCK NO	EACH
HO74	215.85

No 62 Steam Vacuum Breaker



- Designed for use on closed vessels and piping systems to control induced vacuum within safe limits.
- Factory set to open at 2" (mercury) vacuum
- Adjustable from ¼" to 20" (mercury) vacuum
- Size Conn: ¾" IPS straight shank
- Max. Operating Press: 150 PSI

STOCK NO	EACH
HO62	187.62

Hot Water Accessories

Radiator Valves



(24)

IPS Angle Radiator Valve

Hot water angle valve with "sleeve-type closing" for gravity hot water heating installations.

SIZE	STOCK NO	EACH
½"	12ARAVA	18.22
¾"	34ARAVA	23.89
1"	1ARAVA	37.55
1¼"	114ARAVA	52.36



Sweat Radiator Angle Valve

Heavy-duty forged brass construction.
Screwed bonnet,
rising stem & bronze disc.
Pressure Rating: 60 Hot Water Non-Shock

SIZE	STOCK NO	EACH
Sweat Angle Pattern		
½"	12SWTARAVA	18.22
¾"	34SWTARAVA	23.89



Union Elbow

With female inlet and male union
for gravity hot water heating installations.

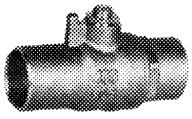
SIZE	STOCK NO	EACH
½"	12RAL	7.90
¾"	34RAL	11.86
1"	1RAL	19.78
1¼"	114RAL	31.66



Union Elbow

Male union and sweat connection for use on gravity jobs, also where supply valve is adjusted.

SIZE	STOCK NO	EACH
½"	12TSRAL	7.90
¾"	34TSRAL	11.86



Balancing Fittings

Two-piece
Sweat x Sweat
Slotted Stem

SIZE	STOCK NO	EACH
½"	12SBAVA	9.86
¾"	34SBAVA	14.02
1"	1SBAVA	23.27

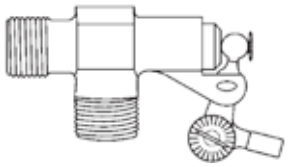
Steam Accessories

Bob Float Valves (24)

Bob Float Valves and Accessories

- Maintains water level at which the valve is set.
- Ratchet arrangement of the actuating lever makes it easy to adjust the valve to any desired level by raising or lowering the float ball.
- Thumbscrew holds ratchet in place.
- The threaded outlet shank permits the addition of a threaded nipple to control the outlet spraying and also makes it possible to install the valve higher in the tank.
- The plunger of the valve, which consists of all the parts that are subject to any wear, can be removed as a unit.
- All float valves are equipped for both hot and cold water service.

R400 Float Valves



- High Capacity - Heavy Duty
- Red Brass Body
- Adjusting Arm Tapped ¼-20 Thread
- Buna-N-Disc Standard

PIPE SIZE INLET/OUTLET	FREE DISCHARGE 35 PSI	FLOW CAPACITY 85 PSI	STOCK NO	EACH
⅜" MIP	9 GPM	13 GPM	38R400	41.87
½" MIP	12 GPM	22 GPM	12R400	43.90
¾" MIP	21 GPM	39.9 GPM	34R400	56.52
1" MIP	43.5 GPM	68.5 GPM	1R400	88.95

Brass Stems



Male Thread Both Ends ¼-20SAE

DESCRIPTION	STOCK NO	EACH
10" Length	14X10R450	10.20

Stem and Swivel Assembly



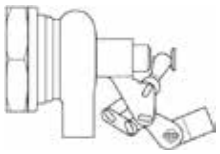
DESCRIPTION	STOCK NO	EACH
¼"-20x10"	14X10R380	25.43

Seamless Copper Floats



FLOAT DIA	BOUYANCY IN LBS	FEMALE SPUD CONNECTION	STOCK NO	EACH
3"	.34	¼-20 SAE	R4403	36.71
4"	.80	¼-20 SAE	R4404	47.69
5"	1.73	¼-20 SAE	R4405	68.81
6"	3.26	¼-20 SAE	R4406	89.10

R610 Float Valves



- High Capacity - Heavy Duty
- Compound Lever
- Rotating Plunger
- Adjusting Short Arm Tapped ⅛" FIP

INLET	PIPE SIZE OUTLET	FREE DISCHARGE FLOW CAPACITY 35 PSI	85 PSI	STOCK NO	EACH
1¼" FIP	Free Flow	112 GPM	180 GPM	114R610	168.11
1½" FIP	Free Flow	112 GPM	180 GPM	112R610	179.51
2" FIP	Free Flow	112 GPM	180 GPM	2R610	225.10

Brass Bushing

R209 - Stem to Float Brass Bushing

DESCRIPTION	STOCK NO	EACH
⅜" x ⅛" IPS	38X18R209	3.82

Brass Stems



Male Thread Both Ends - ⅛ MIP

DESCRIPTION	STOCK NO	EACH
12" Length	18X12R455	24.12

Seamless Copper Floats



FLOAT DIA	BOUYANCY IN LBS	FEMALE SPUD CONNECTION	STOCK NO	EACH
7"	5.72	⅜" FIP	R4407	124.15
8"	8.03	⅜" FIP	R4408	194.31
10"	16.66	½" FIP	R44010	388.27

Steam Accessories (24)

MEPCO Low Pressure Radiator Traps



Cast brass body and cover, non-corrosive working parts, and thermostatic discs. Applicable for pressures from 25" Hg vacuum to 25 PSI. Seats with large opening to prevent clogging. Stop shoulder construction of disc permits individual calibration for correct operation and field interchangeability without field adjustment. Volatile fluid in disc is sealed under a high vacuum to provide uniform expansion over the entire operating range. Removable seats.

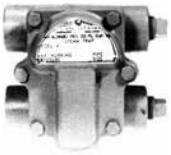
SIZE & PATTERN	STOCK NO	EACH
½" Tapping Angle	121EASS	105.57
½" Tapping Straight	121ESSS	133.95
¾" Tapping Angle	342EASS	140.22
1" Tapping Angle	13CASS	176.92

No 1R

With removable Seat

SIZE & PATTERN	STOCK NO	EACH
½" Tapping Angle	121RA	137.03

Series 44 H-Type Float and Thermostatic Traps



Combines advantages of Float Trap and Thermostatic Trap. This simple, rugged trap has monel float valve and seat, and all working parts are of non-corrosive material that can be removed, inspected or repaired without disturbing piping. Flat valve on thermostatic disc with large seat opening assures maximum venting with minimum clogging and seat wear. Operating pressures to 15 PSI.

SIZE	STOCK NO	EACH
1"	144415	248.12
2"	2308A	1090.48

TD600 Series Thermodynamic Steam Trap



- NPT Connection
- High Pressure up to 600 PSGI
- Suitable for superheated steam 800°F
- Hardened stainless steel seat and disc.

SIZE	STOCK NO	EACH
½"	TD60012N	339.30
¾"	TD60013N	455.13
1"	TD60014N	625.95



Thermostatic Steam Traps

- Excellent air handling capability
- In-line repairable
- Stainless steel seat.
- Welded stainless steel thermal element
- High thermal efficiency
- Operating pressures to 25 PSI.

SIZE & PATTERN	STOCK NO	EACH
½" Tapping Angle	TA25B12N	102.96
½" Tapping Straight	TS25B12N	117.00
¾" Tapping Angle	TA25B13N	162.63
¾" Tapping Straight	TS25B13N	184.86



IB Series Inverted Bucket

- Waterhammer resistant
- Suitable for superheated steam (use internal check valve option to eliminate loss of prime)
- In-line repairability is simplified by having all internals attached to the cover
- Valve & seat are located at the top of the trap body making them less prone to clogging from debris and pipe scale
- Stainless steel with hardened valve & seat
- Operating pressure 20 PSI

SIZE	STOCK NO	EACH
Without Strainer		
½"	IB103112N20	202.41
¾"	IB103113N20	202.41
With Strainer		
½"	IB104112N20	232.83
¾"	IB104113N20	232.83

FT Series H-Type Float and Thermostatic Traps



- H-pattern design allows piping from either side of the steam trap (there are two inlet ports at top and two outlet ports at bottom)
- F&T traps have excellent air handling capability allows air to be discharged rapidly and steam to enter the system quickly during start-up
- Welded stainless steel thermostatic air vent resists shock from waterhammer
- In-line repairable (all internals attached to cover)
- Operating pressures to 15 PSI.

SIZE	STOCK NO	EACH
¾"	FT301513N	321.75
1"	FT401514N	380.25
1¼"	FT601515N	458.64
1½"	FT701516N	666.90
2"	FT801517N	1215.63

Steam Angle Radiator Valve



Heavy-duty bronze construction.
Pressure Rating: 15 W.S.P. 60 Hot Water Non-Shock

SIZE	STOCK NO	EACH
I.P.S. Angle Pattern		
¾"	34ARAVASTM	26.48
1"	1ARAVASTM	35.80
1¼"	114ARAVASTM	47.34
1½"	112ARAVASTM	71.26

Radiator Valve Handle



STOCK NO	EACH
SINGLE LUG	
110170	1.28

No 17-C Hoffman Angle Radiator Trap



½" pipe connections.
Body, cap, nut and tailpiece of high quality brass.
Stainless steel thermostat and pin.
Seat is constructed of a non-corrosive alloy to give long life under actual service conditions.
Thermostat and seat are both renewable.
Stainless steel seat available.

SIZE	STOCK NO	EACH
½"	HO17C	152.78

Hoffman Float and Thermostatic Traps



- Instantaneous Heaters
- Storage Heaters
- Steam Humidifiers
- Steam-jacketed Vessels
- Unit Heaters
- Sterilizers

PSI	SIZE	STOCK NO	EACH
15	¾"	34FT015H	380.36

Note: We carry parts for Radiator Float and Thermostatic Traps.

WSSCV Series Stainless Steel Check Valves



- Seam welded
- NPT or Socket Weld Inlet
- 316 Stainless Steel Body and Internals
- Spring assisted closing of check valve
- Operating pressures to 500 PSIG.

SIZE	STOCK NO	EACH
½"	WSSCV12N0	132.21
¾"	WSSCV13N0	163.80
1"	WSSCV14N0	204.75
1¼"	WSSCV15N0	304.20
1½"	WSSCV16N0	381.42
2"	WSSCV17N0	518.31

Barnes & Jones Products (21)

barnesandjones.com

(21)
Cage Units with Cover

SIZE	BARNES & JONES CAGE UNIT	STOCK NO	EACH
DUNHAM-BUSH			
½"	1950	BJ1950	56.70
¾"	1990	BJ1990	56.70
HOFFMAN			
½"	3500	BJ3500	56.70
¾"	3507	BJ3507	56.70
TRANE			
¾"	4322	BJ4322	56.70
WARREN WEBSTER			
¾"	1998	BJ1998	68.94

(21)
Repair Kits

MODEL	STOCK NO	EACH
BARNES & JONES		
RK2015-5	BJRK20156	382.16
HOFFMAN		
FT-53	BJFT53	155.41
TRANE		
66CL	BJ66CL	250.60

(24)
Straight Thermostatic Trap

SIZE	STOCK NO	EACH
½"	BJ122S	98.52

(24)
Angle Thermostatic Trap

SIZE	STOCK NO	EACH
¾"	BJ134A	110.94

(24)
Float & Thermostatic Trap

SIZE	STOCK NO	EACH
¾"	BJFT20153	173.84

(24)
Buckett Trap

SIZE	STOCK NO	EACH
¾"	BJ80003125	152.66

Bypass Feeders (24)

jlwingert.com



(24)
J.L. Wingert Dome Bottom Bypass Feeder

- 2.39/6.30 Gallon capacity.
- 200 psi.
- 200° F.

¾" Inlet & outlet, ¾" drain.

GALLONS	STOCK NO	EACH
2.39	DB2HD	850.00
6.30	DB5HD	1020.00



CBF-2



CBF-5

(40)
Chemical By-Pass Feeders

- Allows for safe and easy chemical dosing
- Ball valves for easy chemical dosing and pot feeder isolation
- Graduated funnel with stainless steel filter for clean, accurate, and mess free chemical addition
- Pressure vessel and fittings made with brass and carbon steel
- 2 Gallon (7.6L) models comes with wall bracket
- 5 Gallon (18.9L) model comes with adjustable steel legs

SIZE	VOLUME	MAX PRESSURE	STOCK NO	PRICE
¾"	2 Gallon	265 psi	AXCBF2	445.54
¾"	5 Gallon	265 psi	AXCBF5	607.82



(40)
Digital Mini System Feeder

Tank for storage & mixing of system make-up fluid

SIZE	STOCK NO	PRICE
4.5 Gallon	AXDMF150	689.98

Steam Accessories





(24)
Self-Cleaning Water Gauge

Less rods and glass.
Rough brass-house heating type.
Set contains (2) pieces.

SIZE	GLASS SIZE	STOCK NO	EACH
1/2"	5/8"	12WAGA	182.84
3/4"	3/4"	34WAGA	237.72



(21)
Water Gauge Glass

Standard

LENGTH	STOCK NO	EACH
5/8" O.D.		
10"	58X10GAGL	31.01
12"	58X12GAGL	31.01
14"	58X14GAGL	33.93
15"	58X15GAGL	35.55
16"	58X16GAGL	35.55
18"	58X18GAGL	39.04
20"	58X20GAGL	49.05
24"	58X24GAGL	49.05
30"	58X30GAGL	65.87
36"	58X36GAGL	74.03
48"	58X48GAGL	102.66
3/4" O.D.		
16"	34X16GAGL	74.03
20"	34X20GAGL	94.39

Red Line

LENGTH	STOCK NO	EACH
5/8" O.D.		
12"	58X12RGAGL	128.82
14"	58X14RGAGL	137.57
16"	58X16RGAGL	155.59
18"	58X18RGAGL	173.17
24"	58X24RGAGL	241.34
36"	58X36RGAGL	467.58
3/4" O.D.		
16"	34X16RGAGL	201.11
20"	34X20RGAGL	261.82
36"	34X36RGAGL	623.84

NEW ITEM



(02)
Titan Brass Y-Type Pipe Strainer

- Lead Free
- Press x Press
- WOG 200 PSI @ 100°F
- 250°F Max Service Temperature

Model YS 57-NB

SIZE	STOCK NO	EACH
1/2"	12PRBYSTI	27.45
3/4"	34PRBYSTI	36.82
1"	1PRBYSTI	53.29
1 1/4"	114PRBYSTI	73.31
1 1/2"	112PRBYSTI	105.28
2"	2PRBYSTI	169.87

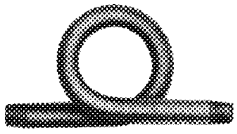
(21)
Gauge Glass Gaskets

SIZE	STOCK NO	EACH
5/8"	2715004	.57
3/4"	34GAGLGA	.25

(24)
Coppered Guard Rods

3/16" O.D.

LENGTH	STOCK NO	EACH
10"	316X10RO	8.75
12"	316X12RO	9.24
14"	316X14RO	11.13
16"	316X16RO	11.13
18"	316X18RO	11.91
20"	316X20RO	12.38
22"	316X22RO	13.25
24"	316X24RO	13.25
26"	316X26RO	14.28
38"	316X38RO	16.75
50"	316X50RO	21.61



(24)
Steam Gauge Siphon

DESCRIPTION	STOCK NO	EACH
Standard Steel		
1/4" Straight	14SPISY	10.63
1/4" Angle	14APISY	9.86
X.H. Steel		
1/4" Straight	14XHSPISY	20.04
1/4" Angle	14XHAPISY	28.36



Compression Gauge Try Cocks

With Stuffing Box
Tested for Pressure to 2000 lbs.

DESCRIPTION	STOCK NO	EACH
1/2"	12GACO	69.55
3/4"	34GACO	78.50



(35)
Trerice No. 735-2 Needle Valve

- 1/4" NPT Connection.
- Brass body and seat.
- Brass stem.
- Max. operating pressure (PSI hydraulic): 2000.
- Maximum operating temperature: 300°F.
- Teflon packing.

STOCK NO	EACH
7352	9.26
LEAD FREE	
7352PBF	18.01

TRERICE





(02)
Y-Type Pipe Strainer

"S" Pattern full flow
Iron Body • IMPORT

SIZE	PLUG TAPPING	STOCK NO	EACH
Semi-steel 250 lbs. S.W.P. screwed			
1/2"	1/4"	12YST	12.21
3/4"	3/8"	34YST	15.60
1"	3/8"	1YST	18.99
1 1/4"	3/4"	114YST	27.81
1 1/2"	3/4"	112YST	40.70
2"	1"	2YST	54.60
2 1/2"	1 1/2"	212YST	108.53
3"	1 1/2"	3YST	137.02
316 Stainless Steel 600 lbs.			
1/2"	1/4"	12SS600YST	126.99
3/4"	3/8"	34SS600YST	153.96
1"	3/8"	1SS600YST	229.32
125 lbs. S.W.P. flanged			
2 1/2"	1"	212FYST	127.18
3"	1"	3FYST	149.90
4"	1 1/2"	4FYST	245.88
5"	2"	5FYST	388.67
6"	2"	6FYST	508.73
8"	2"	8FYST	858.73

(02)
Y-Type Pipe Strainer

"S" Pattern full flow • ANSI Class 125
Eco-Brass • IMPORT • Lead Free

SIZE	PLUG TAPPING	STOCK NO	EACH
Threaded - WOG (Non-shock): 200 PSI @ 150°F			
3/8"	1/4"	38BYSTI	22.39
1/2"	3/8"	12BYSTI	22.39
3/4"	3/8"	34BYSTI	38.04
1"	1/2"	1BYSTI	51.53
1 1/4"	1/2"	114BYSTI	96.01
1 1/2"	1/2"	112BYSTI	125.15
2"	1/2"	2BYSTI	221.78
2 1/2"	1/2"	212BYSTI	363.50
Solder - WOG (Non-shock): 400 PSI @ 100°F			
1/2"	3/8"	12SBYSTI	22.39
3/4"	3/8"	34SBYSTI	38.04
1"	1/2"	1SBYSTI	51.53
1 1/4"	1/2"	114SBYSTI	96.01
1 1/2"	3/4"	112SBYSTI	125.15
Solder - WOG (Non-shock): 315 PSI @ 100°F			
2"	1"	2SBYSTI	221.78

20M Replacement Screens

SIZE	STOCK NO	EACH
1/2"	12YSTSC	6.37
3/4"	34YSTSC	8.30
1"	1YSTSC	9.57
1 1/4"	114YSTSC	10.85
1 1/2"	112YSTSC	13.39
2"	2YSTSC	22.33

Steam Accessories

Condensate & Boiler Feed Pumps (24)

Sterlco 4100 Series
Condensate Unit



Sterlco® atmosphericly vented condensate tanks are designed for pumping hot condensate throughout the steam system.

- Capable of pumping hot condensate up to 200°F
- Heavy gauge steel receivers
- 115-1-60 Voltage, Simplex construction
- Bronze fitted centrifugal pumps
- Energy efficient 3450 RPM motors
- Automatic venting
- "Sterl-Seal" ceramic pump seal (250°F)
- Heavy-duty float switch

2" Inlet • ¾" Discharge • 1¼" Overflow • ½" Drain • 1¼" Vent (All NPT)

CAPACITY SQ. FT. EDR	DISCHARGE PRESSURE	PUMP CAPACITY	MOTOR HP	REC. CAPACITY GALLONS	STOCK NO	EACH
8,000	20 PSI	12 GPM	⅓ Simplex	8	ST4028G	1601.02

Sterlco 4100 Series			
Model	H	L	W
4028-G	12½	21½	12½
4128-GMX-30	18⅜	28	22
4128-GMX-45	26⅜	28	22
4128-GMX-60	28⅜	28	28

Sterlco 4100 Series
Boiler Feed Units



Sterlco® atmosphericly vented boiler feed tanks are designed to supply water to the boilers to maintain water supply at various operating loads .

- Capable of pumping hot condensate up to 200°F
- Heavy gauge steel receivers
- 115-1-60 Voltage, Simplex construction
- Bronze fitted centrifugal pumps
- Energy efficient 3450 RPM motors
- Automatic venting
- "Sterl-Seal" ceramic pump seal (250°F)
- Heavy-duty make-up water valve
- Guage glass tapping's

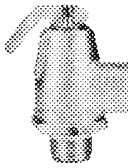
2½" Inlet • ¾" Discharge • 2" Overflow • ½" Drain • 2" Vent (All NPT)

BOILER HP	DISCHARGE PRESSURE	PUMP CAPACITY	MOTOR HP	REC. CAPACITY GALLONS	STOCK NO	EACH
30	20 PSI	12 GPM	⅓ Simplex	30	ST4128GMX30	2056.98
45	20 PSI	12 GPM	⅓ Simplex	45	ST4128GMX45	2502.54
60	20 PSI	12 GPM	⅓ Simplex	60	ST4128GMX60	3202.05

Conbraco
Low Pressure Heating Boiler Safety Valves (24)

apollovalves.com

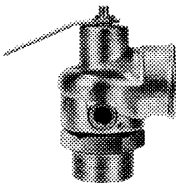
13-200 Series



- All bronze construction
- Flat seat and teflon faced disc for positive seal and non-sticking
- Top guided and high capacity
- Positive drainage of condensate from seat area
- Standard set pressure of 15 psi

MODEL	INLET NPT	OUTLET NPT	PRESS LBS./HR	STOCK NO	EACH
13-211	¾" Male	¾" Female	475	34POSAVA	89.77
13-202	1" Male	1" Female	643	1POSAVA	93.60
13-213	1¼" Male	1½" Female	1200	114POSAVA	158.64
13-214	1½" Male	2" Female	1900	112POSAVA	210.46

12-200 Series

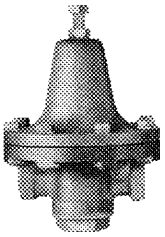


- For use on medium and large size commercial and industrial steam and processing boilers
- High Capacity
- All brass construction
- Teflon coated "O" ring seat seal
- Rust proofed steel spring
- ⅜" NPT side tapping for drain

MODEL	INLET NPT	OUTLET NPT	PRESS LBS./HR	STOCK NO	EACH
12-205	2"	2"	2500	2POSAVA	464.02
12-206	2½"	2½"	3529	212POSAVA	686.69
12-208	3"	3"	4100	3POSAVA	884.25

Watts (18)

watts.com



No 152A
Process Steam Pressure Regulator

This standard priced regulator is capable of handling the majority of lower volume process requirements for either saturated, wet, or super-heated steam. Body is of cast iron, with stainless steel disc, seat and strainer.

SIZE	REDUCED RANGE LBS	STOCK NO	EACH
¾"	3-15	WA34152A3	1762.26

Pressure Gauges (35)

trerice.com

Trerice Pressure Gauges stocked with Brass ¼" NPT bottom connection

500XB Series



Case:
Cast aluminum, black finished. (Back flange standard).
Movement:
Stainless Steel, rotary type.
Accuracy:
0.5% of scale range
Bourdon Tube/Socket:
Phosphor bronze tube, silver brazed to forged brass socket & tip. ¼" NPT standard or optional ½" NPT, for ranges 30" vac up to 1000 psi.

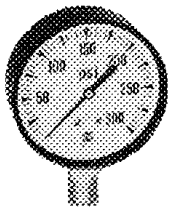
RANGE P.S.I.	STOCK NO	EACH
4½" Dial		
0-30	500XB4502LA090	100.31
0-60	500XB4502LA100	100.31
0-100	500XB4502LA110	100.31
0-160	500XB4502LA120	100.31
0-200	500XB4502LA130	100.31
0-300	500XB4502LA140	100.31

500XB Series Compound Gauge

Inches of HG to PSI.

RANGE P.S.I.	STOCK NO	EACH
4½" Dial		
30"-30	500XB2502LA030	100.31

Hydraulic Gauges Stem Mount



Size:
2"
Case:
Drawn steel, black corrosion resistant paint
Movement:
Brass
Bourdon Tube:
Phosphor bronze, soft soldered
Connection:
¼" ANPT, brass.

RANGE OZ	STOCK NO	EACH
0-100	P500100	4.40

(2)

Plastic Pressure Gauge



¼" MIP Connection.

RANGE P.S.I.	STOCK NO	EACH
2" Dial		
0-100	IPG10024BNL	3.22

(2)

Water Level Gauge



¼" NPT Connection.

RANGE P.S.I.	STOCK NO	EACH
4½" Dial		
0-390' H_2O	IPG45WL	15.99

Trerice Pressure Gauges stocked with Brass ¼" NPT bottom connection

620B Series



304 Stainless steel case, stem-mounted flangeless window. Brass tube & socket.
¼" NPT bottom connection.

RANGE P.S.I.	STOCK NO	EACH
4½" Dial		
0-15	620B4502LA080	21.88
0-30	620B4502LA090	21.88
0-60	620B4502LA100	21.88
0-100	620B4502LA110	21.88
0-160	620B4502LA120	21.88
0-200	620B4502LA130	21.88
0-300	620B4502LA140	21.88
0-400	620B4502LA150	21.88

450SS Series Process Gauge



- Stainless steel Movement
- Wetted parts
- 316 SS tube and socket
- Case is fiberglass reinforced polypropylene
- Accuracy ± 0.5% full scale
- Maximum temperature 250°F.

Bottom connection ½" NPT.

RANGE P.S.I.	STOCK NO	EACH
4½" Dial		
0-100	450SS4504LA110	103.67
0-300	450SS4504LA140	103.67

Trerice Pressure Gauges stocked with Brass ¼" NPT bottom connection

800B Series Pressure Gauge



LEAD FREE
Used where inexpensive light weight gauges are preferred for indicating pressures on air, water, oil or any pressure medium that does not attack brass. Drawn steel—black finished.

RANGE P.S.I.	STOCK NO	EACH
2½" Dial		
0-15	800B2502LA080LF	10.94
0-30	800B2502LA090LF	10.94
0-60	800B2502LA100LF	10.94
0-100	800B2502LA110LF	10.94
0-160	800B2502LA120LF	10.94
0-200	800B2502LA130LF	10.94
0-300	800B2502LA140LF	10.94
4" Dial		
0-15	800B4002LA080LF	19.52
0-30	800B4002LA090LF	19.52
0-60	800B4002LA100LF	19.52
0-100	800B4002LA110LF	19.52
0-160	800B4002LA120LF	19.52
0-200	800B4002LA130LF	19.52
0-300	800B4002LA140LF	19.52

Tridicator Combination Pressure & Temperature Gauges



Designed specifically for use with hot water boilers providing both temperature and pressure measurements. Only one ½" NPT access point to the boiler is required. 3" Dial Size with steel, black painted case. Bronze tube and brass socket

CONNECTION	STOCK NO	EACH
Temp: 30°- 250°F • Pressure: 0 - 75 psi/kPa		
½" NPT Bottom	PTC14401	64.29
½" NPT Rear	PTC14601	38.88
Temp: 30°- 250°F • Pressure: 0 - 200 psi/kPa		
½" NPT Bottom	PTC14405	64.29
½" NPT Rear	PTC14605	38.88

800B Series Compound Gauge

LEAD FREE

Vacuum in Inches—pressure in Pounds

DIAL	RANGE P.S.I.	STOCK NO	EACH
2½"	30-100	800B2502LA050LF	10.94
4"	30-30	800B4002LA030LF	19.52

800B Series Vacuum Gauge

LEAD FREE

Inches of HG.

DIAL	RANGE P.S.I.	STOCK NO	EACH
2½"	30-0	800B2502LA010LF	10.94
4"	30-0	800B4002LA010LF	19.52



760B Low Pressure Gauge

LEAD FREE - Max Temp 140°F

Black finished steel case with lower connection.

DIAL	RANGE P.S.I.	STOCK NO	EACH
2½"	20-10	760B2502LT715	46.62

Trerice Pressure Gauges stocked with Brass ¼" NPT bottom connection



D80 Series Pressure Gauge

LEAD FREE

Stainless steel case (liquid fill).

DIAL	RANGE P.S.I.	STOCK NO	EACH
2½"	0-15	D82LFB2502LA080LF	20.87
2½"	0-30	D82LFB2502LA090LF	20.87
2½"	0-60	D82LFB2502LA100LF	20.87
2½"	0-100	D82LFB2502LA110LF	20.87
2½"	0-160	D82LFB2502LA120LF	20.87
2½"	0-200	D82LFB2502LA130LF	20.87
2½"	0-300	D82LFB2502LA140LF	20.87



Trerice Pressure Snubber

With brass body and bronze core ¼" connection.
Pressure range 0 to 1000 Lbs.

STOCK NO	EACH
For Air & Gasses	
8721	8.42
For Water, Steam, Gasoline & Light Oils	
8722	8.42
LEAD FREE • For Air & Gasses	
8721PBF	11.11

D37 Series - Test "Pete's" Plug

Allows taking of pressure or temperature readings quickly and eliminates need for leaving costly gauges or temperature indicators on the line. Only pressure and temperature test plug with two self-closing valves, now with a male-female interaction which speeds valve closure.

¼" or ½" NPT 1½" long brass body
Nordel Valve material

SIZE	STOCK NO	EACH
¼"	D3741	6.73
½"	D3742	8.25
LEAD FREE		
¼"	D3741PBF	8.25
½"	D3742PBF	9.09

GA18

Guage adapter with ⅛" 340ss probe.
Probe guard included.

SIZE	STOCK NO	EACH
⅛"	D3747	22.05



B831X Series Dial Thermometers

This Series Thermometer is furnished with the Thin Line Case for compactness and without the recalibrator for tamper proof operation and economy.
Case: Type 3BM Series Stainless Steel, highly polished, hermetically sealed.
Accuracy: 1% of full scale
Connection: Rear ½" NPT is standard.

RANGE FAH.	STOCK NO	EACH
B831X02 - 3"Dial, 2½" stem		
20° - 250°	B831X0205	41.40
50° - 500°	B831X0208	41.40
B831X04 - 3" Dial, 4" stem		
20° - 250°	B831X0405	41.40
B831X06 - 3" Dial, 6" stem		
20° - 250°	B831X0605	41.40
50° - 550°	B831X0608	41.40
B831X24 - 3" Dial, 24" stem		
20° - 240°	B831X2405	105.69

76 Series

Well for Dial Thermometers

FOR THERM.	STOCK NO	EACH
2½" stem	764D2	27.26
4" stem	764G2	31.64
6" stem	764J2	50.66
24" stem	764WK6	111.50
LEAD FREE		
2½" stem	764D2PBF	43.08
4" stem	764G2PBF	49.14
6" stem	764J2PBF	78.09



BX9 Series Adjustable Industrial Thermometer

Adjustable Angle-9" Scale less separate socket.

RANGE FAH	STOCK NO	EACH
BX9-1-403—3½" Stem		
-40° - 110°	BX9140301	50.49
0° - 100°	BX9140302	50.49
0° - 160°	BX9140304	50.49
30° - 180°	BX9140306	50.49
30° - 240°	BX9140307	50.49
30° - 300°	BX9140308	50.49
BX9-1-406—6" Stem		
0° - 100°	BX9140602	61.43
30° - 240°	BX9140607	61.43

3-4F Series

3½" Brass Socket

STOCK NO	EACH
34F2	8.42
LEAD FREE	
34F2PBF	16.49

3-4F Series

3½" 304 Stainless Steel • Well 3/4" NPT

STOCK NO	EACH
34F5	91.56

3-4FD Series

6" Stem with 2½" Extension

STOCK NO	EACH
34JD2	20.53
LEAD FREE	
34JD2PBF	43.08



SX9 Series Adjustable Angle Solar Thermometer

Features a rugged cast aluminum case, easy to read LCD display and an adjustable-angle stem that is fully interchangeable with industrial liquid-in-glass thermometers.
Requires no external power and needs only 10 lux of illumination to operate.
Min/Max feature provides instant recall of temperatures and is easily reset.

RANGE FAH	STOCK NO	EACH
-50° - 300°	SX9140305	68.67



HT Series Industrial Thermometer Hydro-Therm Series

Case:
5½" scale size cast aluminum with lustrous metallic gold finish.
Brass case can be furnished when specified.
½" NPT brass thermowell included.

RANGE FAH	STOCK NO	EACH
HT30 Straight - with socket		
-40° - 110°	HT3041	25.08
30° - 240°	HT3047	25.08
HT31 Angle - with socket		
-40° - 110°	HT3141	25.08
30° - 240°	HT3147	25.08



435 Series Industrial Thermometer Econ-O-Therm Series

Case:
5½" scale size cast aluminum with lustrous metallic gold finish.
Brass case can be furnished when specified.

RANGE FAH	STOCK NO	EACH
4530 Straight - less socket		
30° - 300°	435010208	59.75
4532 Angle - less socket		
30° - 300°	435210208	59.75

Econo ThermoWell

Brass • 3-3C2 • For Use with 435 Series

SIZE	STOCK NO	EACH
½" NPT x 2"	33C2	13.13
LEAD FREE		
½" NPT x 2"	33C2PBF	15.99

AprilAire Controls & Thermostats

aprilaire.com

Whole-House Manual Humidifier Control Humidistat



- Outdoor Temperature Sensor
- Low Voltage 24VAC

STOCK NO	EACH
APRIL56	211.56

Digital Whole-House Auto Humidifier Control Humidistat



- Outdoor Temperature Sensor
- Low Voltage 24VAC

STOCK NO	EACH
APRIL60	277.10

Digital Whole-House Steam Humidifier Control Humidistat



- Outdoor Temperature Sensor
- Low Voltage 24VAC

STOCK NO	EACH
APRIL62	277.10

AprilAire

Digital Wall Mount Dehumidifier Control



- Displays RH and controls to an RH value
- Remote control for crawlspace applications and sealed attics
- Wall anchors and screws included

STOCK NO	EACH
APRIL76	296.47

Wi-Fi Programmable Color Touch Screen, Indoor Air Quality Thermostat



- Saves you money on energy costs – Through proper use of the programmable settings
- Offers Event-Based™ Air Cleaning – When paired with a Whole-Home AprilAire Air Purifier, this feature allows you to clean your home's air on your terms
- Offers humidity or air freshness control options
- Works with Amazon Alexa & Google Assistant
- Remote monitor & control capabilities with AprilAire Wifi Thermostat App on iOS & Android
- Outdoor Temperature Sensor, wall anchors and screws included

STOCK NO	EACH
APRIL8920W	953.38

Programable Thermostat



- Air filter and HVAC system service reminders
- Heat Blast® option raises room temp. 3° to 5° F
- 5-year warranty
- Includes wiring labels, wall anchors, screws, & 2 AA batteries

7 Day Programmable or Non-Programmable

STOCK NO	CONVENTIONAL	EACH
S84N1H1C	1H/1C	128.30

Programable Thermostat with IAQ Control



- Programmable settings
- Event-Based™ Air Cleaning – When paired with an AprilAire whole-house air purifier, this feature allows you to clean your home's air on demand
- IAQ Control – Humidity and ventilation control

STOCK NO	CONVENTIONAL	IAQ RELAY	EACH
S86WMUPR	2H/2C	4H/2C	320.80

ArmaFlex Pipe Installation

Fire retardant flexible black rubber tube helps retard heat gain and prevent condensation or frost formation on cold water plumbing, chilled water and refrigeration lines. It also efficiently reduces heat flow for hot water plumbing, liquid-heating and dual temperature piping. Recommended temperature range is -40 to +220 F. Furnished in 6' Lengths.

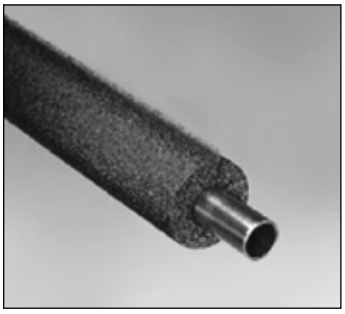
O.D. SIZE & PIPE COVERING SIZE	NOMINAL SIZE	I.P.S.	STOCK NO	PRICE PER FOOT
½" Thick				
⅜" I.D.	¼"	—	38AR	1.17
½" I.D.	⅜"	¼"	12AR	1.25
⅝" I.D.	½"	⅜"	58AR	1.38
¾" I.D.	⅝"	—	34AR	1.42
⅞" I.D.	¾"	½"	78AR	1.54
1⅛" I.D.	1"	¾"	118AR	1.72
1⅜" I.D.	1¼"	1"	138AR	1.90
1⅝" I.D.	1½"	1¼"	158AR	2.18
2⅛"	2"	—	218AR	2.78
2" I.P.S.	—	2"	238AR	3.70
2⅝" I.D.	2½"	—	258AR	3.76
3⅛"	—	—	318AR	4.41
3⅝"	—	—	358AR	5.82
⅜" Thick				
1⅛" I.D.	1"	¾"	118X38AR	1.30
1⅝" I.D.	1½"	1¼"	158X38AR	1.82

Armaflex II Sheet Insulation

For low to medium temperature. Offers high insulation efficiency, high resistance to water vapor and ease of application. May be applied to metal surfaces with temperatures up to 180° F. Temperatures below zero may require multiple layers. Useful for insulating large tanks of all shapes ductwork, irregular vessels and large piping. Fire retardant.

SIZE	STOCK NO	PER SHEET
3' x 4' x ½" thick.	3X4ARSH	33.33

Imcolock Pipe Insulation



HIGHLY UV RESISTANT

Pre-slit and pre-glued closed cell polyolefin foam, pre-mitered to 45° angle. Thermal conductivity of 0.24. Tear strength 45 P.S.I. Will not embrittle at -40 F. and can be used with temperature as low as -100 F. Upper limit 210 F. Greatly reduces probability of poor joints, dripping condensate and energy losses. All sizes 25/50 flame and smoke rated. Furnished in 6' lengths.

INSULATION I.D.	COPPER NOMINAL	I.P.S.	STOCK NO	PER FT
¾" Thick				
1⅝"	1½"	1¼"	158X34PRSLPC	3.01
2"	—	1½"	2X34PRSLPC	3.52
2⅛"	2"	—	218X34PRSLPC	3.86
2⅜"	—	2"	238X34PRSLPC	4.45
2⅝"	2½"	—	258X34PRSLPC	5.09
2⅞"	—	2½"	212X34PRSLPC	5.60
3⅝"	3½"	3"	358X34PRSLPC	7.49
½" Thick				
⅝"	½"	⅜"	58X12PRSLPC	.80
⅞"	¾"	½"	78X12PRSLPC	.91
1"	—	¾"	34X12PRSLPC	.90
1⅛"	1"	—	118X12PRSLPC	1.04
1⅜"	1¼"	—	138X12PRSLPC	1.21
1⅝"	1½"	1¼"	158X12PRSLPC	1.42

Adhesives

No 520 Armaflex

DESCRIPTION	STOCK NO	EACH
Pint	PTRUAD	24.61
Quart	QTRUAD	36.91

(18)

Adhesive Brush

DESCRIPTION	STOCK NO	EACH
1"	1DOBR	3.05

KNAUF

"This is my insulation."®

"Fiberglass" Pipe Covering

Fire Resistant, All Service Jacket
Self-sealing Lap, 3' Lengths—1" thick

SIZE (IPS & NOMINAL COPPER)	STOCK NO	PER FT
3/8" IPSx1" (1/2" CTS)	38FI	3.44
1/2" IPSx1" (3/4" CTS)	12FI	3.44
3/4" IPSx1" (1" CTS)	34FI	3.74
" IPSx1" (1 1/4" CTS)	1FI	3.99
1 1/4" IPSx1" (1 1/2" CTS)	114FI	4.32
1 1/2" IPSx1"	112FI	4.65
2" IPSx1"	2FI	5.02
2" CTSx1"	218FI	5.02
2 1/2" IPSx1"	212FI	5.73
2 1/2" CTSx1"	258FI	5.73
3" IPSx1"	3FI	6.14
3" CTSx1"	318FI	6.14
4" IPSx1"	4FI	8.12
6" IPSx1"	6FI	9.70

Accessories

PVC Tape

STOCK NO	EACH
1X100PVTA	11.29
112X100PVTA	16.94

PVC Sheet

.020 Mil
35 1/2" x 102'

DESCRIPTION	STOCK NO	EACH
Full Roll	12X102PVSH	421.83
Cut to Measure, per ft.	12FTPVSH	4.40

ASJ Tape

All-Service-Jacket

STOCK NO	EACH
3150ASJTA	56.40



Snap Form Insulated Fitting Jackets

One-piece PVC

Note:
On hot lines the surface temperature of the insulation must be less than 150 F.

Iron Pipe Size	1/2"	OCF	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"
3/8"	#2		#7	#9				
1/2"	3		7	10	#12	#15	#17	#18
3/4"	4	#5	7	10	12	15	17	18
1"	5		9	11	13	15	17	18
1 1/4"	6	7	9	12	13	15	17	18
1 1/2"	7		10	12	15	17	18	19
2"	9		11	13	15	17	18	19
2 1/2"	10		12	15	17	18	19	20
3"	11		13	15	17	18	19	20
3 1/2"	12		15	17	18	19	20	21
4"	13		15	17	18	20	20	21
5"	15		17	18	19	21	21	22
6"	17		18	19	20	22	22	23

Copper Tube Size	Actual O.D.	1/2"	OCF	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"
3/8"	1/2"			#5	#9	#11	#13	#15	
1/2"	5/8"	#2	#3	7	9	11	13	15	
3/4"	7/8"	3	3	7	10	12	15	17	#18
1"	1 1/28"	4	5	7	10	12	15	17	18
1 1/4"	1 3/8"	5	5	9	11	13	15	17	18
1 1/2"	1 5/8"	6	7	9	12	13	15	17	18
2"	2 1/8"	8	9	10	12	15	17	18	19
2 1/2"	2 5/8"	9	10	11	13	15	17	18	19
3"	3 1/8"	10	11	12	15	17	18	19	20
3 1/2"	3 5/8"	11	11	13	15	17	18	19	20
4"	4 1/8"	12	13	15	17	18	19	20	21
5"	5 1/8"	14	15	17	18	19	20	21	22
6"	6 1/8"	16	17	18	19	20	21	22	23

Snap Form Jacket

PCS. PER CTN.	SHORT RADIUS —90 ELBOW— STOCK NO	EACH	*VALVE OR TEE STOCK NO	EACH
50	7PVIL	3.23	7PVIT	5.62
50	9PVIL	4.11	9PVIT	7.33
50	10PVIL	5.18	10PVIT	8.68
25	11PVIL	6.26	11PVIT	10.80
25	12PVIL	7.30	12PVIT	12.99
25	13PVIL	9.62	13PVIT	17.26
25	15PVIL	16.89	15PVIT	28.06
25	18PVIL	28.56	18PVIT	60.49

*Valve and tee fittings are the same.
Cut out the top of a valve fitting to make a tee fitting.



Standard Galvanized T&C

SIZE	STOCK NO	FOOT
A-53F CW		
1/4"	14GSTC	14.86
3/8"	38GSTC	23.29
1/2"	12GSTC	3.89
3/4"	34GSTC	4.72
1"	1GSTC	6.31
1 1/4"	114GSTC	8.93
1 1/2"	112GSTC	10.31
2"	2GSTC	14.26
2 1/2"	212GSTC	21.61
3"	3GSTC	28.30
4"	4GSTC	40.78

Standard Galvanized P.E.

SIZE	STOCK NO	FOOT
A-53F CW		
1/4"	14GSPE	19.88
1/2"	12GSPE	3.42
3/4"	34GSPE	4.05
1"	1GSPE	5.92
1 1/4"	114GSPE	8.40
1 1/2"	112GSPE	7.87

XH Galvanized

SIZE	STOCK NO	FOOT
A-53F CW		
1/2"	12GSXHPE	4.85
3/4"	34GSXHPE	7.50
1"	1GSXHPE	10.11

Black Standard T&C

SIZE	STOCK NO	FOOT
A-53F CW		
1/8"	18BSTC	15.30
1/4"	14BSTC	10.85
3/8"	38BSTC	18.09
1/2"	12BSTC	2.46
3/4"	34BSTC	3.06
1"	1BSTC	3.89
1 1/4"	114BSTC	5.43
1 1/2"	112BSTC	6.06
2"	2BSTC	8.37
2 1/2"	212BSTC	13.17
3"	3BSTC	16.77
4"	4BSTC	23.61

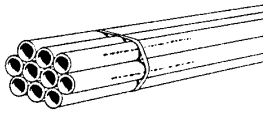
Black - P.E.

SIZE	STOCK NO	FOOT
A-53F CW		
1/4"	14BSPE	8.02
3/8"	38BSPE	10.18
1/2"	12BSPE	2.17
3/4"	34BSPE	2.69
1"	1BSPE	3.49
1 1/4"	114BSPE	4.45
1 1/2"	112BSPE	5.28
3 1/2"	312BSPE	28.27

X-H Black P.E.

SIZE	STOCK NO	FOOT
A-53F CW		
1/4"	14BSXHPE	9.50
3/8"	38BSXHPE	14.04
1/2"	12BSXHPE	3.06
3/4"	34BSXHPE	3.91
1"	1BSXHPE	5.01
1 1/4"	114BSXHPE	7.27
1 1/2"	112BSXHPE	7.80
2"	2BSXHPE	11.36
2 1/2"	212BSXHPE	14.95
3"	3BSXHPE	19.96
4"	4BSXHPE	25.90

Mastic and Tape are on page 1927



Schedule 10 Lightweight Black Grooved

SIZE	STOCK NO	FOOT
2"	2BSLWGR	5.95
2 1/2"	212BSLWGR	8.95
3"	3BSLWGR	9.42
4"	4BSLWGR	11.63
6"	6BSLWGR	22.11

Schedule 40 Seamless-Black P.E., GR B

SIZE	STOCK NO	FOOT
A53 / A106 / API-5L • 21' Length		
1/4"	14BSA1SPE	9.09
3/8"	38BSA1SPE	12.14
1/2"	12BSA1SPE	6.25
3/4"	34BSA1SPE	7.22
1"	1BSA1SPE	9.59
1 1/4"	114BSA1SPE	12.57
1 1/2"	112BSA1SPE	14.05
Single Random Length		
2"	2BSSPE	19.33
2 1/2"	212BSSPE	26.66
3"	3BSSPE	34.87
4"	4BSSPE	49.66

Schedule 80 Seamless-Black- P.E., GR B

SIZE	STOCK NO	FOOT
A53 / A106 / API-5L • 21' Length		
1/2"	12BSXHA1SPE	7.14
3/4"	34BSXHA1SPE	8.62
1"	1BSXHA1SPE	12.22
1 1/4"	114BSXHA1SPE	15.82
1 1/2"	112BSXHA1SPE	18.61
Single Random Length		
2"	2BSXHSPE	24.17
2 1/2"	212BSXHSPE	36.56
3"	3BSXHSPE	47.18
4"	4BSXHSPE	68.96

Minneapolis Machine Shop Capabilities

Carbon Steel Pipe	
Threaded	⅛" – 8"
Roll Grooved	1¼" – 12"
AGS Roll Grooved	14" – 42"
Cut Grooved	1" – 12"
Stainless Steel Pipe	
Threaded	½" – 3"
Sch. 10 Roll Grooved	2½" – 6"
Sch. 40 Cut Grooved	2" – 6"
Copper Pipe	
Roll Grooved	2" – 6"
Band Saw Cuts	
Square Cuts	⅛" – 18"
Pipe Beveling	
⅛" – 12"	

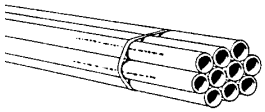
Minimum Charge for Shop work is $10.00

$50.00 Minimum if you supply your own pipe.

- For each piece threaded or grooved both ends – Charge 3 labor charges.
- For each piece threaded or grooved one end – Charge 2 labor charge.
- For each piece plain ends – Charge 1 labor charge for cut.
- For each make-on – Charge 1 labor charge.
- ½" to 2" running threads – Charge 1 labor charge for each inch of running thread.
- 2½" to 12" running threads – Charge 1 labor charge for each 1½" of running thread.
- Threading or cutting pipe furnished by customer – Price on application

For Cuts, Threads, Grooves and Make-Ons

Size	Net Labor Charge
⅛ – ¾"	1.88
1"	1.88
1¼"	2.63
1½"	2.63
2"	2.63
2½"	3.75
3"	4.50
3½"	5.25
4"	5.25
5"	6.75
6"	7.50
8"	10.50
10"	11.25
12"	22.50
14"	28.00
16"	35.00
18"	44.00
20"	48.00
24"	54.00



Standard Black Well Drillers Pipe with R&D Couplings

SIZE	STOCK NO	FOOT
2" x 21'	2X21BSRD	10.45
4" x 18'	4X18BSRD	25.66
4" x 21'	4X21BSRD	25.66
5" x 21'	5X21BSRD	35.01
6" x 21'	6X21BSRD	42.88
8" x 21'	8X21BSRD	68.38
10" x 21'	10X21BSRD	89.75

Galvanized Well Drillers Pipe

SIZE	STOCK NO	FOOT
1" x 18'	1GSWDTC	6.97

Standard Black A53-GR B-ERW

SIZE	TYPE	STOCK NO	FOOT
Plain End			
2"	Sch. 40	2BSPEEW	8.65
2½"	Sch. 40	212BSPEEW	11.30
3"	Sch. 40	3BSPEEW	14.70
4"	Sch. 40	4BSPEEW	19.42
5"	Sch. 40	5BSPE	29.10
6"	Sch. 40	6BSPE	37.78
8"	Sch. 40	8BSPE	59.11
10"	Sch. 40	10BSPE	73.49
12"	.375	120BSPE	97.29
14"	.375	140BSPE	125.59
16"	.375	160BSPE	135.81

Standard Galvanized A53-GR B-ERW

SIZE	TYPE	STOCK NO	FOOT
Plain End			
2"	Sch. 40	2GSPEEW	13.27
2½"	Sch. 40	212GSPEEW	16.78
3"	Sch. 40	3GSPEEW	23.99
4"	Sch. 40	4GSPEEW	34.16
5"	Sch. 40	5GSPE	53.75
6"	Sch. 40	6GSPE	65.12
8"	Sch. 40	8GSPE	106.39
10"	Sch. 40	100GSPE	158.25
12"	Sch. 40	120GSPE	216.32

Standard Black A53-GR B-ERW

SIZE	TYPE	STOCK NO	FOOT
Grooved Ends			
2"	Sch. 40	2BSGBE	8.53
2½"	Sch. 40	212BSGBE	11.59
3"	Sch. 40	3BSGBE	15.06
4"	Sch. 40	4BSGBE	21.47
5"	Sch. 40	5BSGBE	29.05
6"	Sch. 40	6BSGBE	37.59
8"	Sch. 40	8BSGBE	41.50

Black Seamless

SIZE	TYPE	STOCK NO	FOOT
A53 / A106 / API-5L			
5"	Sch. 40	5BSSPE	53.14
6"	Sch. 40	6BSSPE	61.69
6"	Sch. 80	6BSXHSPE	90.56
8"	Sch. 40	8BSSPE	75.04
8"	Sch. 80	8BSXHSPE	122.31
10"	Sch. 40	10BSSPE	125.46

(08)



Red Plastic Pipe Plugs

SIZE	STOCK NO	EACH
For Schedule 40 Pipe		
½"	T7P	.26
¾"	T10P	.31
1"	T13P	.44
1¼"	T16P	.56
1½"	T18P	.62
2"	T220P	1.02
2½"	T250P	1.35
3"	T53P	.65
4"	T1064P	1.30
5"	T1080P	1.82
6"	T1097P	2.98
8"	T1128P	5.57
10"	T1390P	10.52
12"	T1314P	33.97
For Schedule 80 Pipe		
½"	T6P	.25
¾"	T9P	.28
1"	T12P	.37
1¼"	T15P	.48
1½"	T17P	.58
2"	T210P	.86
2½"	T25AP	1.26
3"	T45AP	1.71
4"	T502P	3.33
5"	T1076P	4.98
6"	T1092P	7.37
8"	T1110P	12.88

(08)



Plastic Pipe Cap

SIZE	STOCK NO	EACH
2" NPT	CE316	.70
4" NPT	CE320	2.48
6" NPT	CE322	6.62
8" NPT	CE324	7.61

Viega MegaPress® FKM Fittings (47M)

viega.net

For use with Sch. 5 to 40 Carbon Steel Pipe • Carbon Steel, Zinc-Nickel Coating



90° Elbows

SIZE	STOCK NO	EACH
½"	ME12PRELFKM	23.99
¾"	ME34PRELFKM	26.83
1"	ME1PRELFKM	32.65
1¼"	ME114PRELFKM	55.86
1½"	ME112PRELFKM	72.04
2"	ME2PRELFKM	106.81
2½"	ME212PREL	294.42
3"	ME3PREL	338.41
4"	ME4PREL	436.56



45° Elbows

SIZE	STOCK NO	EACH
½"	ME12PR45LFKM	24.66
¾"	ME34PR45LFKM	29.94
1"	ME1PR45LFKM	37.66
1¼"	ME114PR45LFKM	66.22
1½"	ME112PR45LFKM	83.06
2"	ME2PR45LFKM	115.03
2½"	ME212PR45L	265.97
3"	ME3PR45L	330.61
4"	ME4PR45L	411.57



Caps with Smart Connect

SIZE	STOCK NO	EACH
½"	ME12PRCAPFKM	27.15
¾"	ME34PRCAPFKM	28.41
1"	ME1PRCAPFKM	32.21
1¼"	ME114PRCAPFKM	54.31
1½"	ME112PRCAPFKM	69.19
2"	ME2PRCAPFKM	85.31
2½"	ME212PRCAP	214.11
3"	ME3PRCAP	267.64
4"	ME4PRCAP	362.10



Viega Press-In Branch Connector Tool Kit

FOR USE WITH RP 1½" to 4", 6" pipe

Includes: Press-In Branch Connector hole saw, adapter, pilot bit, Press-In Branch Connector positioning guide, press-in installer swage, press-in tool insert, & hard case.

SIZES	STOCK NO	EACH
1½ - 6"	ME26920	3115.62



Tees

SIZE	STOCK NO	EACH
½"	ME12PRTFKM	39.77
¾"	ME34PRTFKM	43.01
1"	ME1PRTFKM	50.97
1¼"	ME114PRTFKM	87.65
1½"	ME112PRTFKM	100.80
2"	ME2PRTFKM	164.57
2½"	ME212PRT	347.58
3"	ME3PRT	433.45
4"	ME4PRT	592.91
Reducing Tees		
¾ x ½"	ME34X12PRTFKM	47.45
1 x ½"	ME1X12PRTFKM	58.71
1 x ¾"	ME1X34PRTFKM	57.63
1¼ x 1"	ME114X1PRTFKM	92.94
1½ x ½"	ME112X12PRTFKM	124.16
1½ x ¾"	ME112X34PRTFKM	119.55
1½ x 1"	ME112X1PRTFKM	119.54
1½ x 1¼"	ME112X114PRTFKM	116.81
2 x ½"	ME2X12PRTFKM	187.25
2 x ¾"	ME2X34PRTFKM	182.06
2 x 1"	ME2X1PRTFKM	180.34
2 x 1¼"	ME2X114PRTFKM	192.22
2 x 1½"	ME2X112PRTFKM	195.83
2½ x 1½"	ME212X112PRT	417.08
2½ x 2"	ME212X2PRT	417.08
3 x 1½"	ME3X112PRT	523.37
3 x 2"	ME3X2PRT	531.92
3 x 2½"	ME3X212PRT	531.92
4 x 1½"	ME4X112PRT	639.10
4 x 2"	ME4X2PRT	639.10
4 x 2½"	ME4X212PRT	662.14
4 x 3"	ME4X3PRT	662.14



Female Tees

SIZE	STOCK NO	EACH
¾ x ½"	ME34X12PRFTFKM	51.43
1 x ½"	ME1X12PRFTFKM	58.42
1 x ¾"	ME1X34PRFTFKM	58.60
1½ x ½"	ME112X12PRFTFKM	124.81
1½ x ¾"	ME112X34PRFTFKM	117.27
2 x ½"	ME2X12PRFTFKM	187.25
2 x ¾"	ME2X34PRFTFKM	180.34



Unions

SIZE	STOCK NO	EACH
½"	ME12PRUFKM	144.41
¾"	ME34PRUFKM	139.36
1"	ME1PRUFKM	170.97
1¼"	ME114PRUFKM	217.10
1½"	ME112PRUFKM	249.97
2"	ME2PRUFKM	314.70



Couplings

With Stops

SIZE	STOCK NO	EACH
½"	ME12PRCFKM	21.83
¾"	ME34PRCFKM	25.20
1"	ME1PRCFKM	37.07
1¼"	ME114PRCFKM	46.74
1½"	ME112PRCFKM	63.10
2"	ME2PRCFKM	91.37
2½"	ME212PRC	168.55
3"	ME3PRC	211.08
4"	ME4PRC	273.77



Couplings

No Stops

SIZE	STOCK NO	EACH
½"	ME12PRRCFKM	26.72
¾"	ME34PRRCFKM	29.65
1"	ME1PRRCFKM	41.65
1¼"	ME114PRRCFKM	52.08
1½"	ME112PRRCFKM	68.69
2"	ME2PRRCFKM	97.10
2½"	ME212PRRC	196.86
3"	ME3PRRC	232.24
4"	ME4PRRC	324.27



Female Adapters

SIZE	STOCK NO	EACH
½"	ME12PRFAFKM	26.90
¾"	ME34PRFAFKM	30.19
1"	ME1PRFAFKM	40.11
1¼"	ME114PRFAFKM	46.43
1½"	ME112PRFAFKM	54.73
2"	ME2PRFAFKM	81.95
2½"	ME212PRFA	247.79
3"	ME3PRFA	305.24
4"	ME4PRFA	419.45
Reducing		
¾" x ½"	ME34X12PRFAFKM	37.77
1" x ¾"	ME1X34PRFAFKM	46.61
1¼" x 1"	ME114X1PRFAFKM	53.59
1½" x 1¼"	ME112X114PRFAFKM	53.59
2" x 1½"	ME2X112PRFAFKM	85.55



Male Adapters

SIZE	STOCK NO	EACH
½"	ME12PRMAFKM	30.49
¾"	ME34PRMAFKM	33.03
1"	ME1PRMAFKM	41.10
1¼"	ME114PRMAFKM	49.64
1½"	ME112PRMAFKM	58.23
2"	ME2PRMAFKM	86.43
2½"	ME212PRMA	278.06
3"	ME3PRMA	351.66
4"	ME4PRMA	412.00

Viega MegaPress® Fittings (47)

viega.net

Carbon Steel Fittings



Reducers

SIZE	STOCK NO	EACH
¾" x ½"	ME34X12PRFRFKM	27.92
1" x ½"	ME1X12PRFRFKM	33.08
1" x ¾"	ME1X34PRFRFKM	33.59
1¼" x 1"	ME114X1PRFRFKM	50.92
1½" x ¾"	ME112X34PRFRFKM	60.81
1½" x 1"	ME112X1PRFRFKM	62.60
1½" x 1¼"	ME112X114PRFRFKM	64.03
2" x 1"	ME2X1PRFRFKM	82.49
2" x 1¼"	ME2X114PRFRFKM	85.19
2" x 1½"	ME2X112PRFRFKM	94.61
2½ x 1"	ME212X1PRFR	197.07
2½ x 1¼"	ME212X114PRFR	197.07
2½ x 1½"	ME212X112PRFR	201.12
2½ x 2"	ME212X2PRFR	201.12
3 x 1¼"	ME3X114PRFR	229.58
3 x 1½"	ME3X112PRFR	229.58
3 x 2"	ME3X2PRFR	239.32
3 x 2½"	ME3X212PRFR	239.32
4 x 1½"	ME4X112PRFR	322.47
4 x 2"	ME4X2PRFR	322.47
4 x 2½"	ME4X212PRFR	330.61
4 x 3"	ME4X3PRFR	330.61



Press-In Branch Connector

Press connection, female pipe thread

For use with Sch. 40 carbon steel pipe only

SIZE	STOCK NO	EACH
1½" x ¾" FPT	ME26830	171.14
2" x ¾" FPT	ME26835	171.14
2½" x ¾" FPT	ME26840	171.14
3" x ¾" FPT	ME26845	171.14
4" x ¾" FPT	ME26850	171.14
6" x ¾" FPT	ME26855	171.14



M18™ FORCE LOGIC™ Black Iron Press Jaws

SIZE	STOCK NO	EACH
½"	MI12BJA	374.00
¾"	MI34BJA	418.88
1"	MI1BJA	493.68
Black Iron Press Jaw Kit, Includes Case		
½" - 2"	MIMPJAWKIT	4458.08



M12™ FORCE LOGIC™ Black Iron Press Compact Jaws

SIZE	STOCK NO	EACH
½"	MI12BCOJA	269.28
¾"	MI34BCOJA	299.20
1"	MI1BCOJA	493.68
Compact Jaw Kit, Includes Case		
½", ¾" & 1"	MI12BCOJAKIT	1047.20

Press Jaws & Rings

(40)



MegaPress Jaws & Rings

FOR USE WITH RP 340, RP 330, 320-E, CT 400

JAW SIZES	STOCK NO	EACH
½ - 2"	PP48553	4015.70
RENTAL	PP48553RU	Call for Pricing

(40)



RP 342-XL Press Tool

From 2" PureFlow to 4" ProPress to 4" MegaPress

CAPACITY	STOCK NO	EACH
½" to 4" for carbon steel, copper & stainless steel, ½" to 2" for PEX	PP65468	5937.43
RENTAL	PP65468RU	Call for Pricing

(40)



Press Booster for Viega MegaPress XL

MegaPress XL Press Booster & Jaws • RENTAL

JAW SIZES	STOCK NO	EACH
2½", 3" & 4"	PP60638RU	Call for Pricing



Viega MegaPress Z3 Actuator

JAW SIZES	STOCK NO	EACH
Actuator, 2½" Ring	ME57081	3681.31
3" & 4"" Rings	ME26201	3051.01
RENTAL		
Actuator, 2½" Ring	ME57081RU	Call for Pricing
3" & 4"" Rings	ME26201RU	Call for Pricing



(40)

M18™ Force Logic™ Long Throw Press Tool Kit & Pivoting Ring Kits

For use on Viega® MegaPress XL® fittings

DESCRIPTION	STOCK NO	EACH
Tool kit	MILTPRESSTO	3944.00
IPS-P ½" - 2"	MIM18PIPSJAWKIT	6283.20
IPS-P 2½", 3" & 4"	MIMPPXLRINGKIT	4524.00
RENTAL		
Tool kit	MILTPRESSTORU	Call for Pricing
2½", 3" & 4"	MIMPXLRINGSRU	Call for Pricing
IPS-P 2½", 3" & 4"	MIMPPXLRINGKITRU	Call

Carbon Steel for Gas



90° Elbows

SIZE	STOCK NO	EACH
½"	ME12PRELGAS	25.07
¾"	ME34PRELGAS	28.56
1"	ME1PRELGAS	34.69
1¼"	ME114PRELGAS	59.73
1½"	ME112PRELGAS	76.32
2"	ME2PRELGAS	113.50
2½"	ME212PRELGAS	322.66
3"	ME3PRELGAS	372.01
4"	ME4PRELGAS	479.29



45° Elbows

SIZE	STOCK NO	EACH
½"	ME12PR45LGAS	26.14
¾"	ME34PR45LGAS	31.60
1"	ME1PR45LGAS	39.48
1¼"	ME114PR45LGAS	68.88
1½"	ME112PR45LGAS	86.42
2"	ME2PR45LGAS	122.69
2½"	ME212PR45LGAS	322.66
3"	ME3PR45LGAS	372.01
4"	ME4PR45LGAS	479.29



Couplings

With Stops

SIZE	STOCK NO	EACH
½"	ME12PRCGAS	23.14
¾"	ME34PRCGAS	26.54
1"	ME1PRCGAS	39.24
1¼"	ME114PRCGAS	49.90
1½"	ME112PRCGAS	67.39
2"	ME2PRCGAS	97.89
2½"	ME212PRCGAS	243.11
3"	ME3PRCGAS	246.83
4"	ME4PRCGAS	359.08



Couplings

No Stops

SIZE	STOCK NO	EACH
½"	ME12PRRCGAS	28.17
¾"	ME34PRRCGAS	32.13
1"	ME1PRRCGAS	44.39
1¼"	ME114PRRCGAS	56.88
1½"	ME112PRRCGAS	75.05
2"	ME2PRRCGAS	106.08
2½"	ME212PRRCGAS	267.45
3"	ME3PRRCGAS	270.16
4"	ME4PRRCGAS	393.07

Carbon Steel for Gas



Tees

SIZE	STOCK NO	EACH
½"	ME12PRTGAS	41.01
¾"	ME34PRTGAS	45.24
1"	ME1PRTGAS	53.69
1¼"	ME114PRTGAS	91.29
1½"	ME112PRTGAS	107.42
2"	ME2PRTGAS	174.12
2½"	ME212PRTGAS	463.34
3"	ME3PRTGAS	528.71
4"	ME4PRTGAS	603.80
Reducing Tees		
¾ x ½"	ME34X12PRTGAS	49.17
1 x ½"	ME1X12PRTGAS	61.40
1 x ¾"	ME1X34PRTGAS	60.05
1¼ x ½"	ME114X12PRTGAS	98.25
1¼ x ¾"	ME114X34PRTGAS	97.50
1¼ x 1"	ME114X1PRTGAS	95.63
1½ x ½"	ME112X12PRTGAS	133.11
1½ x ¾"	ME112X34PRTGAS	123.83
1½ x 1"	ME112X1PRTGAS	125.00
1½ x 1¼"	ME112X114PRTGAS	120.77
2 x ½"	ME2X12PRTGAS	200.79
2 x ¾"	ME2X34PRTGAS	189.74
2 x 1"	ME2X1PRTGAS	187.92
2 x 1¼"	ME2X114PRTGAS	202.89
2 x 1½"	ME2X112PRTGAS	206.90
2½ x 1"	ME212X1PRTGAS	493.64
2½ x 1¼"	ME212X114PRTGAS	493.64
2½ x 1½"	ME212X112PRTGAS	464.14
2½ x 2"	ME212X2PRTGAS	454.01
3 x 1¼"	ME3X114PRTGAS	573.22
3 x 1½"	ME3X112PRTGAS	594.00
3 x 2"	ME3X2PRTGAS	562.22
3 x 2½"	ME3X212PRTGAS	580.00
4 x 1½"	ME4X112PRTGAS	710.16
4 x 2"	ME4X2PRTGAS	703.81
4 x 2½"	ME4X212PRTGAS	734.41
4 x 3"	ME4X3PRTGAS	739.57



Female Tees

SIZE	STOCK NO	EACH
¾ x ½"	ME34X12PRFTGAS	50.90
1 x ½"	ME1X12PRFTGAS	57.86
1 x ¾"	ME1X34PRFTGAS	57.30
1½ x ½"	ME112X12PRFTGAS	135.63
1½ x ¾"	ME112X34PRFTGAS	125.71
1¼ x ½"	ME114X12PRFTGAS	83.69
1¼ x ¾"	ME114X34PRFTGAS	99.75
1¼ x 1"	ME114X1PRFTGAS	108.07
2 x ½"	ME2X12PRFTGAS	189.24
2 x ¾"	ME2X34PRFTGAS	187.45
2½ x ¾"	ME212X34PRFTGAS	435.17
3 x ¾"	ME3X34PRFTGAS	481.07
4 x ¾"	ME4X34PRFTGAS	698.09



Ball Valves

SIZE	STOCK NO	EACH
½"	ME12PRBVGAS	124.97
¾"	ME34PRBVGAS	141.81
1"	ME1PRBVGAS	164.35
1¼"	ME114PRBVGAS	287.35
1½"	ME112PRBVGAS	312.59
2"	ME2PRBVGAS	530.22



Reducers

Fitting x Press

SIZE	STOCK NO	EACH
¾ x ½"	ME34X12PRFRGAS	29.18
1 x ½"	ME1X12PRFRGAS	34.94
1 x ¾"	ME1X34PRFRGAS	35.03
1¼ x 1"	ME114X1PRFRGAS	54.25
1½ x ¾"	ME112X34PRFRGAS	65.20
1½ x 1"	ME112X1PRFRGAS	65.45
1½ x 1¼"	ME112X114PRFRGAS	68.62
2 x 1"	ME2X1PRFRGAS	88.45
2 x 1¼"	ME2X114PRFRGAS	91.28
2 x 1½"	ME2X112PRFRGAS	100.83
2½ x 1"	ME212X1PRFRGAS	231.56
2½ x 1¼"	ME212X114PRFRGAS	231.56
2½ x 1½"	ME212X112PRFRGAS	227.77
2½ x 2"	ME212X2PRFRGAS	225.56
3 x 1¼"	ME3X114PRFRGAS	298.53
3 x 1½"	ME3X112PRFRGAS	298.53
3 x 2"	ME3X2PRFRGAS	295.17
3 x 2½"	ME3X212PRFRGAS	295.17
4 x 1½"	ME4X112PRFRGAS	362.60
4 x 2"	ME4X2PRFRGAS	360.16
4 x 2½"	ME4X212PRFRGAS	356.97
4 x 3"	ME4X3PRFRGAS	341.26



Caps

SIZE	STOCK NO	EACH
½"	ME12PRCAPGAS	28.64
¾"	ME34PRCAPGAS	29.96
1"	ME1PRCAPGAS	33.87
1¼"	ME114PRCAPGAS	57.36
1½"	ME112PRCAPGAS	73.26
2"	ME2PRCAPGAS	90.53
2½"	ME212PRCAPGAS	239.95
3"	ME3PRCAPGAS	284.73
4"	ME4PRCAPGAS	385.98



Reducer

Press x Press

SIZE	STOCK NO	EACH
¾ x ½"	ME34X12PRRGAS	29.18
1 x ½"	ME1X12PRRGAS	34.94
1 x ¾"	ME1X34PRRGAS	35.03
1¼ x ¾"	ME114X34PRRGAS	54.00
1¼ x 1"	ME114X1PRRGAS	54.19
1½ x 1¼"	ME112X114PRRGAS	68.62
2 x 1¼"	ME2X114PRRGAS	91.28
2 x 1½"	ME2X112PRRGAS	100.83



Unions

SIZE	STOCK NO	EACH
½"	ME12PRUGAS	135.90
¾"	ME34PRUGAS	133.63
1"	ME1PRUGAS	163.98
1¼"	ME114PRUGAS	209.50
1½"	ME112PRUGAS	241.26
2"	ME2PRUGAS	301.88



Male Adapter

SIZE	STOCK NO	EACH
½"	ME12PRMAGAS	32.13
¾"	ME34PRMAGAS	34.94
1"	ME1PRMAGAS	43.76
1¼"	ME114PRMAGAS	52.37
1½"	ME112PRMAGAS	61.42
2"	ME2PRMAGAS	93.55
2½"	ME212PRMAGAS	292.62
3"	ME3PRMAGAS	375.99
4"	ME4PRMAGAS	450.27



Female Adapters

SIZE	STOCK NO	EACH
½"	ME12PRFAGAS	28.83
¾"	ME34PRFAGAS	33.00
1"	ME1PRFAGAS	43.41
1¼"	ME114PRFAGAS	51.73
1½"	ME112PRFAGAS	59.74
2"	ME2PRFAGAS	89.48
2½"	ME212PRFAGAS	277.61
3"	ME3PRFAGAS	335.63
4"	ME4PRFAGAS	463.50
Reducing Adapters		
¾ x ½"	ME34X12PRFAGAS	40.91
1 x ¾"	ME1X34PRFAGAS	52.95
1¼ x ½"	ME114X12PRFAGAS	64.11
1¼ x ¾"	ME114X34PRFAGAS	63.76
1¼ x 1"	ME114X1PRFAGAS	62.65
1½ x ½"	ME112X12PRFAGAS	71.03
1½ x ¾"	ME112X34PRFAGAS	67.86
1½ x 1"	ME112X1PRFAGAS	69.23
1½ x 1¼"	ME112X114PRFAGAS	66.38
2 x ½"	ME2X12PRFAGAS	97.17
2 x ¾"	ME2X34PRFAGAS	95.54
2 x 1"	ME2X1PRFAGAS	99.46
2 x 1¼"	ME2X114PRFAGAS	97.62
2 x 1½"	ME2X112PRFAGAS	91.65



90° Street Elbows

For use with Sch.5 to Sch.40 carbon steel pipe

SIZE	STOCK NO	EACH
½"	ME12PRSLGAS	25.59
¾"	ME34PRSLGAS	28.56
1"	ME1PRSLGAS	34.69
1¼"	ME114PRSLGAS	59.73
1½"	ME112PRSLGAS	76.32
2"	ME2PRSLGAS	113.50
2½"	ME212PRSLGAS	322.66
3"	ME3PRSLGAS	372.01
4"	ME4PRSLGAS	479.29



45° Street Elbows

For use with Sch.5 to Sch.40 carbon steel pipe

SIZE	STOCK NO	EACH
½"	ME12PRS45LGAS	26.14
¾"	ME34PRS45LGAS	31.60
1"	ME1PRS45LGAS	39.48
1¼"	ME114PRS45LGAS	68.88
1½"	ME112PRS45LGAS	86.42
2"	ME2PRS45LGAS	122.69
2½"	ME212PRS45LGAS	322.66
3"	ME3PRS45LGAS	372.01
4"	ME4PRS45LGAS	479.29

Malleable Fittings - Class 150 (03)

wardfittings.com



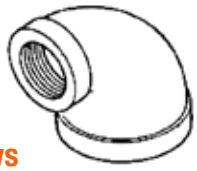
90° Elbows

SIZE	STOCK NO	EACH
Black		
1/8"	18BML	9.39
1/4"	14BML	9.17
3/8"	38BML	9.17
1/2"	12BML	6.36
3/4"	34BML	7.66
1"	1BML	13.32
1 1/4"	114BML	21.97
1 1/2"	112BML	28.89
2"	2BML	49.83
2 1/2	212BML	110.99
3"	3BML	162.44
4"	4BML	348.89
6"	6BML	1143.94
Galvanized		
1/8"	18GML	14.56
1/4"	14GML	13.30
3/8"	38GML	13.30
1/2"	12GML	8.56
3/4"	34GML	10.49
1"	1GML	19.44
1 1/4"	114GML	30.75
1 1/2"	112GML	40.15
2"	2GML	65.74
2 1/2	212GML	172.02
3"	3GML	283.64
4"	4GML	500.23
6"	6BML	1143.94



45° Elbows

SIZE	STOCK NO	EACH
Black		
1/8"	18BM45L	13.82
1/4"	14BM45L	13.44
3/8"	38BM45L	13.82
1/2"	12BM45L	10.48
3/4"	34BM45L	12.97
1"	1BM45L	16.33
1 1/4"	114BM45L	28.91
1 1/2"	112BM45L	35.77
2"	2BM45L	54.11
2 1/2"	212BM45L	156.54
3"	3BM45L	203.30
4"	4BM45L	398.65
6"	6BM45L	1726.16
Galvanized		
3/8"	38GM45L	20.24
1/2"	12GM45L	13.53
3/4"	34GM45L	19.44
1"	1GM45L	21.97
1 1/4"	114GM45L	41.05
1 1/2"	112GM45L	48.22
2"	2GM45L	71.34
2 1/2"	212GM45L	248.21
3"	3GM45L	360.98
4"	4GM45L	605.19



90° Reducing Elbows

SIZE	STOCK NO	EACH
Black		
1/4 x 1/8"	14X18BML	18.27
3/8x 1/4"	38X14BML	12.91
1/2 x 3/8"	12X38BML	12.10
1/2 x 1/4"	12X14BML	12.45
3/4 x 1/2"	34X12BML	12.45
3/4 x 3/8"	34X38BML	17.42
1 x 3/4"	1X34BML	16.02
1 x 1/2"	1X12BML	17.27
1 1/4 x 1"	114X1BML	26.91
1 1/4 x 3/4"	114X34BML	30.00
1 1/2 x 1 1/4"	112X114BML	37.96
1 1/2 x 1"	112X1BML	37.96
1 1/2 x 3/4"	112X34BML	43.43
2 x 1 1/2"	2X112BML	54.97
2 x 1 1/4"	2X114BML	62.48
2 x 1"	2X1BML	62.48
2 x 3/4"	2X34BML	66.25
2 1/2 x 2"	212X2BML	150.89
2 1/2 x 1 1/2"	212X112BML	159.77
3 x 2 1/2"	3X212BML	274.28
3 x 2"	3X2BML	243.91
4 x 3"	4X3BML	468.76
Galvanized		
3/8x 1/4"	38X14GML	21.24
1/2 x 3/8"	12X38GML	15.72
3/4 x 1/2"	34X12GML	18.27
3/4 x 3/8"	34X38GML	25.18
1 x 3/4"	1X34GML	23.44
1 x 1/2"	1X12GML	24.87
1 1/4 x 1"	114X1GML	39.32
1 1/4 x 3/4"	114X34GML	47.24
1 1/2 x 1 1/4"	112X114GML	62.84
1 1/2 x 1"	112X1GML	62.84
2 x 1 1/2"	2X112GML	73.40
2 x 1"	2X1GML	87.32
2 x 3/4"	2X34GML	89.07
2 1/2 x 2"	212X2GML	248.83
3 x 2"	3X2GML	392.79
4 x 3"	4X3GML	994.09



90° Street Elbows

SIZE	STOCK NO	EACH
Black		
1/8"	18BMSL	13.54
1/4"	14BMSL	13.54
3/8"	38BMSL	13.54
1/2"	12BMSL	13.14
3/4"	34BMSL	13.14
1"	1BMSL	18.61
1 1/4"	114BMSL	28.91
1 1/2"	112BMSL	38.70
2"	2BMSL	62.87
2 1/2"	212BMSL	159.37
3"	3BMSL	243.27
4"	4BMSL	489.44
Galvanized		
1/8"	18GMSL	19.00
1/4"	14GMSL	18.40
3/8"	38GMSL	18.40
1/2"	12GMSL	18.79
3/4"	34GMSL	18.79
1"	1GMSL	25.14
1 1/4"	114GMSL	42.21
1 1/2"	112GMSL	52.99
2"	2GMSL	89.35
2 1/2"	212GMSL	258.47
3"	3GMSL	376.16

90° Reducing Street Elbows

SIZE	STOCK NO	EACH
Black		
1/2 x 3/8"	12X38BMSL	20.83
3/4 x 1/2"	34X12BMSL	28.21
1 x 3/4"	1X34BMSL	26.49
1 1/4 x 1"	114X1BMSL	38.15
1 1/2 x 1 1/4"	112X114BMSL	70.27
1 1/2 x 1"	112X1BMSL	56.03
2 x 1 1/2"	2X112BMSL	107.81



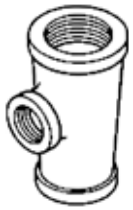
45° Street Elbows

SIZE	STOCK NO	EACH
Black		
1/4"	14BMS45L	17.20
3/8"	38BMS45L	17.96
1/2"	12BMS45L	14.66
3/4"	34BMS45L	22.15
1"	1BMS45L	25.79
1 1/4"	114BMS45L	44.60
1 1/2"	112BMS45L	57.52
2"	2BMS45L	96.75
Galvanized		
1/4"	14GMS45L	24.83
3/8"	38GMS45L	27.27
1/2"	12GMS45L	20.68
3/4"	34GMS45L	32.80
1"	1GMS45L	42.05
1 1/4"	114GMS45L	63.08
1 1/2"	112GMS45L	76.40
2"	2GMS45L	125.81



Tee

SIZE	STOCK NO	EACH
Black		
1/8"	18BMT	14.16
1/4"	14BMT	13.32
3/8"	38BMT	13.32
1/2"	12BMT	8.51
3/4"	34BMT	12.20
1 "	1BMT	20.87
1 1/4"	114BMT	33.81
1 1/2"	112BMT	42.07
2"	2BMT	71.68
2 1/2"	212BMT	154.56
3"	3BMT	227.68
4"	4BMT	550.27
6"	6BMT	1917.30
Galvanized		
1/8"	18GMT	20.59
1/4"	14GMT	17.32
3/8"	38GMT	17.32
1/2"	12GMT	11.09
3/4"	34GMT	18.27
1 "	1GMT	29.53
1 1/4"	114GMT	46.89
1 1/2"	112GMT	58.29
2"	2GMT	94.72
2 1/2"	212GMT	266.64
3"	3GMT	326.75
4"	4GMT	739.70

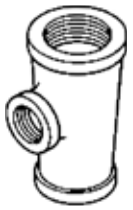


Black Reducing Tee

SIZE	STOCK NO	EACH
Black		
3/8 x 3/8 x 1/2"	38X12BMT	19.78
3/8 x 3/8 x 1/4"	38X14BMT	21.33
1/2 x 1/2 x 3/4"	12X34BMT	21.79
1/2 x 1/2 x 3/8"	12X38BMT	18.56
1/2 x 1/2 x 1/4"	12X14BMT	14.46
1/2 x 1/4 x 1/2"	12X14X12BMT	15.19
3/4 x 3/4 x 1"	34X1BMT	28.73
3/4 x 3/4 x 1/2"	34X12BMT	18.88
3/4 x 3/4 x 3/8"	34X38BMT	23.16
3/4 x 3/4 x 1/4"	34X14BMT	20.98
3/4 x 1/2 x 3/4"	34X12X34BMT	21.79
3/4 x 1/2 x 1/2"	34X12X12BMT	19.37
1 x 1 x 1 1/2"	1X112BMT	83.91
1 x 1 x 1 1/4"	1X114BMT	52.71
1 x 1 x 3/4"	1X34BMT	23.80
1 x 1 x 1/2"	1X12BMT	23.80
1 x 1 x 3/8"	1X38BMT	33.46
1 x 1 x 1/4"	1X14BMT	29.28
1 x 3/4 x 1"	1X34X1BMT	27.64
1 x 3/4 x 3/4"	1X34X34BMT	25.18
1 x 3/4 x 1/2"	1X34X12BMT	27.26
1 x 1/2 x 1"	1X12X1BMT	27.11
1 x 1/2 x 3/4"	1X12X34BMT	32.34
1 x 1/2 x 1/2"	1X12X12BMT	27.11
1 1/4 x 1 1/4 x 2"	114X2BMT	107.92
1 1/4 x 1 1/4 x 1"	114X1BMT	41.23
1 1/4 x 1 1/4 x 3/4"	114X34BMT	38.04
1 1/4 x 1 1/4 x 1/2"	114X12BMT	43.40

Black Reducing Tee (Cont'd)

SIZE	STOCK NO	EACH
Black		
1 1/4 x 1 1/4 x 3/8"	114X38BMT	60.02
1 1/4 x 1 x 1 1/4"	114X1X114BMT	53.34
1 1/4 x 1 x 1"	114X1X1BMT	44.42
1 1/4 x 1 x 3/4"	114X1X34BMT	44.42
1 1/4 x 1 x 1/2"	114X1X12BMT	53.43
1 1/4 x 3/4 x 1 1/4"	114X34X114BMT	45.80
1 1/4 x 3/4 x 1"	114X34X1BMT	46.79
1 1/4 x 3/4 x 3/4"	114X34X34BMT	50.54
1 1/4 x 1/2 x 1 1/4"	114X12X114BMT	50.54
1 1/2 x 1 1/2 x 2"	112X2BMT	103.99
1 1/2 x 1 1/2 x 1 1/4"	112X114BMT	59.38
1 1/2 x 1 1/2 x 1"	112X1BMT	48.03
1 1/2 x 1 1/2 x 3/4"	112X34BMT	48.03
1 1/2 x 1 1/2 x 1/2"	112X12BMT	50.84
1 1/2 x 1 1/4 x 1 1/2"	112X114X112BMT	91.04
1 1/2 x 1 1/4 x 1 1/4"	112X114X114BMT	81.00
1 1/2 x 1 1/4 x 1"	112X114X1BMT	51.85
1 1/2 x 1 1/4 x 3/4"	112X114X34BMT	60.39
1 1/2 x 1 x 1 1/2"	112X1X112BMT	60.39
1 1/2 x 1 x 1 1/4"	112X1X114BMT	79.62
1 1/2 x 1 x 1"	112X1X1BMT	60.39
1 1/2 x 3/4 x 1 1/2"	112X34X112BMT	60.39
1 1/2 x 1/2 x 1 1/2"	112X12X112BMT	60.39
2 x 2 x 1 1/2"	2X112BMT	81.00
2 x 2 x 1 1/4"	2X114BMT	81.00
2 x 2 x 1"	2X1BMT	75.25
2 x 2 x 3/4"	2X34BMT	75.25
2 x 2 x 1/2"	2X12BMT	76.68
2 x 1 1/2 x 2"	2X112X2BMT	101.90
2 x 1 1/2 x 1 1/2"	2X112X112BMT	96.68
2 x 1 1/2 x 1 1/4"	2X112X114BMT	94.32
2 x 1 1/2 x 1"	2X112X1BMT	92.51
2 x 1 1/4 x 2"	2X114X2BMT	101.14
2 x 1 1/4 x 1 1/4"	2X114X114BMT	94.14
2 x 1 x 2"	2X1X2BMT	94.14
2 x 3/4 x 2"	2X34X2BMT	92.51
2 x 1/2 x 2"	2X12X2BMT	94.14
2 1/2 x 2 1/2 x 2"	212X2BMT	201.09
2 1/2 x 2 1/2 x 1 1/2"	212X112BMT	227.76
2 1/2 x 2 1/2 x 1 1/4"	212X114BMT	227.76
2 1/2 x 2 1/2 x 1"	212X1BMT	227.76
2 1/2 x 2 1/2 x 3/4"	212X34BMT	225.80
2 1/2 x 2 x 2"	212X2X2BMT	236.17
2 1/2 x 1 1/2 x 2 1/2"	212X112X212BMT	258.00
3 x 3 x 2	3X2BMT	268.56
3 x 3 x 1 1/2"	3X112BMT	279.20
3 x 3 x 1 1/4"	3X114BMT	284.31
3 x 3 x 1"	3X1BMT	269.85
3 x 2 x 3"	3X2X3BMT	313.30
3 x 2 x 2"	3X2X2BMT	284.11
4 x 4 x 3"	4X3BMT	632.66
4 x 4 x 2"	4X2BMT	615.23

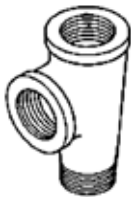


Galvanized Reducing Tee

SIZE	STOCK NO	EACH
Galvanized		
3/8 x 3/8 x 1/4"	38X14GMT	32.44
1/2 x 1/2 x 3/4"	12X34GMT	30.36
1/2 x 1/2 x 3/8"	12X38GMT	25.77
1/2 x 1/2 x 1/4"	12X14GMT	21.24
3/4 x 3/4 x 1"	34X1GMT	43.71
3/4 x 3/4 x 1/2"	34X12GMT	25.40
3/4 x 3/4 x 3/8"	34X38GMT	27.32
3/4 x 3/4 x 1/4"	34X14GMT	27.13
3/4 x 1/2 x 3/4"	34X12X34GMT	29.01
3/4 x 1/4 x 3/4"	34X14X34GMT	38.48
3/4 x 1/2 x 1/2"	34X12X12GMT	30.36
1 x 1 x 1 1/2"	1X112GMT	130.31
1 x 1 x 1 1/4"	1X114GMT	72.09
1 x 1 x 3/4"	1X34GMT	35.66
1 x 1 x 1/2"	1X12GMT	35.66
1 x 1 x 1/4"	1X14GMT	48.20
1 x 3/4 x 1"	1X34X1GMT	44.56
1 x 3/4 x 3/4"	1X34X34GMT	42.98
1 x 3/4 x 1/2"	1X34X12GMT	44.56
1 x 1/2 x 1"	1X12X1GMT	44.56
1 x 1/2 x 1/2"	1X12X12GMT	44.56
1 1/4 x 1 1/4 x 1"	114X1GMT	55.33
1 1/4 x 1 1/4 x 3/4"	114X34GMT	55.33
1 1/4 x 1 1/4 x 1/2"	114X12GMT	58.47
1 1/4 x 1 x 1 1/4"	114X1X114GMT	70.99
1 1/4 x 1 x 1"	114X1X1GMT	67.11
1 1/4 x 1 x 3/4"	114X1X34GMT	70.11
1 1/4 x 1 x 1/2"	114X1X12GMT	72.37
1 1/4 x 3/4 x 1 1/4"	114X34X114GMT	65.75
1 1/4 x 1/2 x 1 1/4"	114X12X114GMT	70.11
1 1/2 x 1 1/2 x 2"	112X2GMT	130.58
1 1/2 x 1 1/2 x 1 1/4"	112X114GMT	85.57
1 1/2 x 1 1/2 x 1"	112X1GMT	68.34
1 1/2 x 1 1/2 x 3/4"	112X34GMT	68.34
1 1/2 x 1 1/2 x 1/2"	112X12GMT	72.24
1 1/2 x 1 1/4 x 1"	112X114X1GMT	83.06
1 1/2 x 1 1/4 x 3/4"	112X114X34GMT	87.92
1 1/2 x 1 1/4 x 1/2"	112X114X12GMT	98.51
1 1/2 x 1 x 1 1/2"	112X1X112GMT	87.92
1 1/2 x 1 x 1"	112X1X1GMT	87.92
1 1/2 x 3/4 x 1 1/2"	112X34X112GMT	87.92
2 x 2 x 1 1/2"	2X112GMT	117.47
2 x 2 x 1 1/4"	2X114GMT	117.47
2 x 2 x 1"	2X1GMT	97.90
2 x 2 x 3/4"	2X34GMT	99.77
2 x 2 x 1/2"	2X12GMT	111.19
2 x 1 1/2 x 2"	2X112X2GMT	124.28
2 x 1 1/2 x 1 1/2"	2X112X112GMT	121.90
2 x 1 1/2 x 1 1/4"	2X112X114GMT	124.28
2 x 1 1/2 x 1"	2X112X1GMT	117.41
2 x 1 1/4 x 1 1/4"	2X114X114GMT	124.28
2 x 1 x 2"	2X1X2GMT	124.28
2 x 3/4 x 2"	2X34X2GMT	121.90
2 x 1/2 x 2"	2X12X2GMT	124.28
2 1/2 x 2 1/2 x 2"	212X2GMT	330.28
2 1/2 x 2 1/2 x 1 1/2"	212X112GMT	357.22
2 1/2 x 2 1/2 x 1 1/4"	212X114GMT	355.14
3 x 3 x 2 1/2"	3X212GMT	503.38
3 x 3 x 2"	3X2GMT	432.17
3 x 3 x 1 1/2"	3X112GMT	448.34
3 x 3 x 1"	3X1GMT	432.17
3 x 3 x 3/4"	3X34GMT	602.94
3 x 2 x 2"	3X2X2GMT	457.06
4 x 4 x 3"	4X3GMT	1168.29
4 x 4 x 2"	4X2GMT	934.39

Malleable Fittings - Class 150 (03)

wardfittings.com



Service Tee

SIZE	STOCK NO	EACH
Black		
1/4"	14BMSET	27.77
3/8"	38BMSET	32.59
1/2"	12BMSET	26.92
3/4"	34BMSET	31.06
1"	1BMSET	41.08



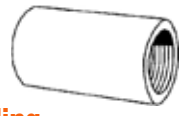
Cross Tee

SIZE	STOCK NO	EACH
Black		
1/4"	14BMX	30.05
3/8"	38BMX	34.33
1/2"	12BMX	32.13
3/4"	34BMX	38.88
1"	1BMX	47.92
1 1/4"	114BMX	77.76
1 1/2"	112BMX	96.36
2"	2BMX	158.44
3"	3BMX	454.61
Galvanized		
1/8"	18GMX	64.58
1/4"	14GMX	49.21
1/2"	12GMX	45.60
3/4"	34GMX	55.57
1"	1GMX	76.66
1 1/4"	114GMX	115.27
1 1/2"	112GMX	134.86
2"	2GMX	255.42



Malleable Coupling

SIZE	STOCK NO	EACH
Black		
1/2"	12BMC	8.79
3/4"	34BMC	10.28
1"	1BMC	15.43
1 1/4"	114BMC	19.96
1 1/2"	112BMC	27.00
2"	2BMC	39.96
Galvanized		
1/2"	12GMC	12.53
3/4"	34GMC	14.42
1"	1GMC	23.66
1 1/4"	114GMC	33.38
1 1/2"	112GMC	37.93
2"	2GMC	55.45



(02E)

Standard Steel Coupling

SIZE	STOCK NO	EACH
Black		
1/8"	18BSC	2.50
1/4"	14BSC	3.45
3/8"	38BSC	4.14
1/2"	12BSC	4.41
3/4"	34BSC	5.63
1"	1BSC	7.87
1 1/4"	114BSC	10.05
1 1/2"	112BSC	12.73
2"	2BSC	18.23
2 1/2"	212BSC	51.90
3"	3BSC	72.86
3 1/2"	312BSC	129.14
4"	4BSC	129.14
5"	5BSC	236.53
6"	6BSC	283.17
Galvanized		
1/8"	18GSC	3.06
1/4"	14GSC	3.97
3/8"	38GSC	5.08
1/2"	12GSC	5.40
3/4"	34GSC	6.77
1"	1GSC	9.47
1 1/4"	114GSC	12.12
1 1/2"	112GSC	15.03
2"	2GSC	22.50
2 1/2"	212GSC	63.75
3"	3GSC	84.61
4"	4GSC	149.13
6"	6GSC	341.35



(02E)

Extra Heavy Steel Coupling

SIZE	STOCK NO	EACH
Black		
1/8"	18BSXHC	10.55
1/4"	14BSXHC	13.82
3/8"	38BSXHC	15.04
1/2"	12BSXHC	20.35
3/4"	34BSXHC	21.72
1"	1BSXHC	27.66
1 1/4"	114BSXHC	44.42
1 1/2"	112BSXHC	44.42
2"	2BSXHC	67.59
2 1/2"	212BSXHC	100.43
3"	3BSXHC	119.27
4"	4BSXHC	188.55
Galvanized		
1/2"	12GSXHC	24.27
3/4"	34GSXHC	26.01
1"	1GSXHC	33.49
1 1/4"	114GSXHC	51.38
1 1/2"	112GSXHC	51.38
2"	2GSXHC	85.52

(02E)

Standard Half Black Steel Couplings

SIZE	STOCK NO	EACH
1/4"	14BSHC	3.52
3/8"	38BSHC	4.24
1/2"	12BSHC	4.25
3/4"	34BSHC	4.84
1"	1BSHC	6.76
1 1/4"	114BSHC	8.64
1 1/2"	112BSHC	10.94
2"	2BSHC	15.67
2 1/2"	212BSHC	37.39
3"	3BSHC	52.48



Cored Plug

SIZE	STOCK NO	EACH
Black		
1/2"	12BMP	4.72
3/4"	34BMP	5.92
1"	1BMP	5.92
11/4"	114BMP	9.45
11/2"	112BMP	13.37
2"	2BMP	15.63
21/2"	212BMP	38.07
3"	3BMP	44.09
4"	4BMP	90.83
5"	5BMP	170.75
6"	6BMP	222.87
Galvanized		
1/2"	12GMP	1.80
3/4"	34GMP	12.71
1"	1GMP	12.71
11/4"	114GMP	21.19
11/2"	112GMP	28.60
2"	2GMP	35.52
21/2"	212GMP	75.06
3"	3GMP	96.12
4"	4GMP	186.40



Solid Square Head Plug - Steel

SIZE	STOCK NO	EACH
Black		
1/8"	18BSP	.33
1/4"	14BSP	.50
3/8"	38BSP	.76
1/2"	12BSP	1.54
3/4"	34BSP	2.39
Galvanized		
1/8"	18GSP	.36
1/4"	14GSP	.58
3/8"	38GSP	.86



Magnetic Square Head Plug - Steel

SIZE	STOCK NO	EACH
3/4"	34MSP	9.71

Solid Square Head Plug - Cast Iron

SIZE	STOCK NO	EACH
1/2"	12CIP	5.10
3/4"	34CIP	15.41
1"	1CIP	16.41
1 1/4"	114CIP	18.90
1 1/2"	112CIP	26.80
2"	2CIP	34.58



Black Reducing Couplings

SIZE	STOCK NO	EACH
Black		
1/4 x 1/8"	14X18BMR	12.02
3/8 x 1/4"	38X14BMR	12.02
3/8 x 1/8"	38X18BMR	14.92
1/2 x 3/8"	12X38BMR	10.32
1/2 x 1/4"	12X14BMR	10.91
1/2 x 1/8"	12X18BMR	12.14
3/4 x 1/2"	34X12BMR	11.53
3/4 x 3/8"	34X38BMR	13.76
3/4 x 1/4"	34X14BMR	13.76
3/4 x 1/8"	34X18BMR	14.37
1 x 3/4"	1X34BMR	17.96
1 x 1/2"	1X12BMR	18.40
1 x 3/8"	1X38BMR	22.65
1 x 1/4"	1X14BMR	23.56
1 1/4 x 1	114X1BMR	23.12
1 1/4 x 3/4"	114X34BMR	23.12
1 1/4 x 1/2"	114X12BMR	27.11
1 1/2 x 1 1/4"	112X114BMR	29.22
1 1/2 x 1"	112X1BMR	33.90
1 1/2 x 3/4"	112X34BMR	38.88
1 1/2 x 1/2"	112X12BMR	34.49
2 x 1 1/2"	2X112BMR	42.35
2 x 1 1/4	2X114BMR	48.49
2 x 1"	2X1BMR	45.83
2 x 3/4"	2X34BMR	48.49
2 x 1/2"	2X12BMR	56.16
2 1/2 x 2"	212X2BMR	97.35
2 1/2 x 1 1/2"	212X112BMR	115.50
2 1/2 x 1 1/4"	212X114BMR	121.60
3 x 2 1/2"	3X212BMR	147.14
3 x 2"	3X2BMR	126.00
3 x 1 1/2"	3X112BMR	152.16
3 x 1 1/4"	3X114BMR	157.85
3 x 1"	3X1BMR	154.97
4 x 3 1/2"	4X312BMR	467.17
4 x 3"	4X3BMR	305.00
4 x 2 1/2"	4X212BMR	332.27
4 x 2"	4X2BMR	305.00
4 x 1 1/2"	4X112BMR	391.57
5 x 4"	5X4BMR	734.45



Galvanized Reducing Couplings

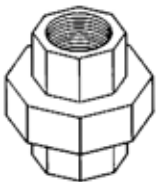
SIZE	STOCK NO	EACH
Galvanized		
1/4 x 1/8"	14X18GMR	16.25
3/8 x 1/4"	38X14GMR	16.25
1/2 x 3/8"	12X38GMR	15.19
1/2 x 1/4"	12X14GMR	14.62
1/2 x 1/8"	12X18GMR	19.28
3/4 x 1/2"	34X12GMR	16.24
3/4 x 3/8"	34X38GMR	18.46
3/4 x 1/4"	34X14GMR	18.46
1 x 3/4"	1X34GMR	25.14
1 x 1/2"	1X12GMR	27.08
1 x 3/8"	1X38GMR	35.19
1 x 1/4"	1X14GMR	37.34
1 1/4 x 1	114X1GMR	34.35
1 1/4 x 3/4"	114X34GMR	35.02
1 1/4 x 1/2"	114X12GMR	44.95
1 1/2 x 1 1/4"	112X114GMR	42.64
1 1/2 x 1"	112X1GMR	45.15
1 1/2 x 3/4"	112X34GMR	45.15
1 1/2 x 1/2"	112X12GMR	52.99
2 x 1 1/2"	2X112GMR	61.61
2 x 1 1/4	2X114GMR	65.13
2 x 1"	2X1GMR	61.61
2 x 3/4"	2X34GMR	73.77
2 x 1/2"	2X12GMR	76.51
2 1/2 x 2"	212X2GMR	171.88
2 1/2 x 1 1/2"	212X112GMR	181.72
3 x 2 1/2"	3X212GMR	220.45
3 x 2"	3X2GMR	215.89
3 x 1 1/2"	3X112GMR	228.41
3 x 1 1/4"	3X114GMR	241.45
3 x 1"	3X1GMR	241.45
4 x 3"	4X3GMR	494.22
4 x 2"	4X2GMR	494.22
4 x 1 1/2"	4X112GMR	803.62



Floor Flange

No 190

SIZE	STOCK NO	EACH
Black		
1/4"	14MAFF	29.64
3/8"	38MAFF	29.64
1/2"	12MAFF	29.64
3/4"	34MAFF	29.64
1"	1MAFF	37.25
1 1/4"	114MAFF	37.25
1 1/2"	112MAFF	47.92
2"	2MAFF	57.64
Galvanized		
1/4"	14GMFF	57.68
1/2"	12GMFF	74.08
3/4"	34GMFF	74.08
1"	1GMFF	67.62
1 1/4"	114GMFF	89.87
1 1/2"	112GMFF	115.13
2"	2GMFF	146.21



Unions

SIZE	STOCK NO	EACH
Black		
1/8"	18BMU	34.43
1/4"	14BMU	47.58
3/8"	38BMU	32.76
1/2"	12BMU	29.70
3/4"	34BMU	34.11
1"	1BMU	44.47
1 1/4"	114BMU	63.78
1 1/2"	112BMU	79.51
2"	2BMU	92.46
2 1/2"	212BMU	275.48
3"	3BMU	331.62
Galvanized		
1/8"	18GMU	73.29
1/4"	14GMU	64.53
3/8"	38GMU	43.19
1/2"	12GMU	39.39
3/4"	34GMU	45.27
1"	1GMU	59.31
1 1/4"	114GMU	85.74
1 1/2"	112GMU	103.88
2"	2GMU	119.42
2 1/2"	212GMU	414.82
3"	3GMU	580.55



Steel Hexagon Bushings

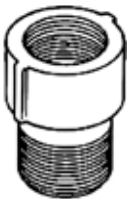
SIZE	STOCK NO	EACH
Black		
1/4 x 1/8"	14X18BSB	1.14
3/8 x 1/8"	38X18BSB	1.35
3/8 x 1/4"	38X14BSB	1.35
1/2 x 1/8"	12X18BSB	2.30
1/2 x 1/4"	12X14BSB	2.30
1/2 x 3/8"	12X38BSB	2.30
3/4 x 1/4"	34X14BSB	3.42
3/4 x 3/8"	34X38BSB	3.42
3/4 x 1/2"	34X12BSB	3.42
1 x 1/4"	1X14BSB	5.73
1 x 3/8"	1X38BSB	5.73
1 x 1/2"	1X12BSB	5.73
1 x 3/4"	1X34BSB	5.73
Galvanized		
1/4 x 1/8"	14X18GSB	1.22
3/8 x 1/8"	38X18GSB	1.45
3/8 x 1/4"	38X14GSB	1.45
1/2 x 1/8"	12X18GSB	2.54
1/2 x 1/4"	12X14GSB	2.54
1/2 x 3/8"	12X38GSB	2.54

Black Cast Iron Hexagon Bushing



SIZE	STOCK NO	EACH
¾ x ½"	34X12BMB	10.32
¾ x ⅜"	34X38BMB	11.48
¾ x ¼"	34X14BMB	11.17
¾ x ⅛"	34X18BMB	11.78
1 x ¾"	1X34BMB	10.86
1 x ½"	1X12BMB	10.99
1 x ⅜"	1X38BMB	14.85
1 x ¼"	1X14BMB	14.46
1 x ⅛"	1X18BMB	16.76
1¼ x 1"	114X1BMB	14.16
1¼ x ¾"	114X34BMB	14.16
1¼ x ½"	114X12BMB	16.10
1¼ x ⅜"	114X38BMB	17.42
1¼ x ¼"	114X14BMB	20.80
1½ x 1¼"	112X114BMB	17.96
1½ x 1"	112X1BMB	16.16
1½ x ¾"	112X34BMB	18.42
1½ x ½"	112X12BMB	18.42
1½ x ⅜"	112X38BMB	28.70
1½ x ¼"	112X14BMB	24.23
2 x 1½"	2X112BMB	22.64
2 x 1¼"	2X114BMB	22.11
2 x 1"	2X1BMB	22.11
2 X ¾"	2X34BMB	23.13
2 x ½"	2X12BMB	29.24
2 x ⅜"	2X38BMB	32.90
2 x ¼"	2X14BMB	26.12
2½ x 2"	212X2BMB	34.87
2½ x 1½"	212X112BMB	35.41
2½ x 1¼"	212X114BMB	40.67
2½ x 1"	212X1BMB	40.67
2½ x ¾"	212X34BMB	40.67
3 x 2½"	3X212CIB	47.62
3 x 2"	3X2CIB	41.08
3 x 1½"	3X112CIB	55.00
3 x 1¼"	3X114CIB	55.00
3 x 1"	3X1CIB	55.00
3 x ¾"	3X34CIB	59.76
3 x ½"	3X12CIB	63.98
3½ x 3"	312X3CIB	96.42
3½ x 2"	312X2CIB	104.58
3½ x 1½"	312X112CIB	104.03
4 x 3½"	4X312CIB	124.65
4 x 3"	4X3CIB	92.64
4 x 2½"	4X212CIB	112.10
4 x 2"	4X2CIB	92.64
4 x 1½"	4X112CIB	114.78
4 x 1¼"	4X114CIB	124.65
4 x 1"	4X1CIB	124.65
5 x 4"	5X4CIB	188.66
5 x 3"	5X3CIB	194.25
5 x 2"	5X2CIB	215.91
6 x 5"	6X5CIB	222.68
6 x 4"	6X4CIB	192.82
6 x 3"	6X3CIB	222.73
6 x 2"	6X2CIB	222.73
8 x 6"	8X6CIB	419.67

Extension Piece



SIZE	STOCK NO	EACH
½"	12GMEP	31.58
¾"	34GMEP	47.24
1"	1GMEP	59.22

Galvanized Malleable Hexagon Bushing



SIZE	STOCK NO	EACH
¾ x ½"	34X12GMB	17.23
¾ x ⅜"	34X38GMB	22.48
¾ x ¼"	34X14GMB	20.12
¾ x ⅛"	34X18GMB	20.68
1 x ¾"	1X34GMB	19.78
1 x ½"	1X12GMB	21.24
1 x ⅜"	1X38GMB	23.61
1 x ¼"	1X14GMB	23.51
1 x ⅛"	1X18GMB	27.66
1¼ x 1"	114X1GMB	26.65
1¼ x ¾"	114X34GMB	26.65
1¼ x ½"	114X12GMB	30.19
1¼ x ¼"	114X14GMB	35.43
1½ x 1¼"	112X114GMB	32.13
1½ x 1"	112X1GMB	33.54
1½ x ¾"	112X34GMB	37.11
1½ x ½"	112X12GMB	37.11
1½ x ¼"	112X14GMB	47.74
2 x 1½"	2X112GMB	37.29
2 x 1¼"	2X114GMB	43.24
2 x 1"	2X1GMB	43.24
2 x ¾"	2X34GMB	43.24
2 x ½"	2X12GMB	46.51
2½ x 2"	212X2GMB	62.05
2½ x 1½"	212X112GMB	70.87
2½ x 1¼"	212X114GMB	78.74
2½ x 1"	212X1GMB	78.74
2½ x ½"	212X12GMB	78.74
3 x 2½"	3X212GCIB	86.70
3 x 2"	3X2GCIB	80.78
3 x 1½"	3X112GCIB	93.48
3 x 1"	3X1GCIB	103.88
3 x ¾"	3X34GCIB	103.88
3½ x 3"	312X3GCIB	184.45
3½ x 2"	312X2GCIB	184.45
4 x 3"	4X3GCIB	169.58
4 x 2½"	4X212GCIB	217.67
4 x 2"	4X2GCIB	169.58
4 x 1½"	4X112GCIB	217.67
4 x 1"	4X1GCIB	217.67
5 x 4"	5X4GCIB	359.40
6 x 4"	6X4GCIB	392.76
6 x 3"	6X3GCIB	416.32

Lock Nut



SIZE	STOCK NO	EACH
Black		
¼"	14BMLN	8.84
½"	12BMLN	9.10
¾"	34BMLN	9.91
1"	1BMLN	18.99
1¼"	114BMLN	15.61
1½"	112BMLN	21.92
Galvanized		
½"	12GMLN	10.74
¾"	34GMLN	12.59
1"	1GMLN	22.90
2"	2GMLN	50.22

Flush Bushings



SIZE	STOCK NO	EACH
Black		
¼ x ⅛"	14X18BMFB	1.05
½ x ⅜"	12X38BMFB	2.01
½ x ¼"	12X14BMFB	2.01
¾ x ½"	34X12BMFB	2.97
¾ x ¼"	34X14BMFB	2.97
1 x ¾"	1X34BMFB	28.61
3 x 2"	3X2BMFB	121.25
4 x 3"	4X3BMFB	230.72
4 x 2½"	4X212BMFB	210.55
Galvanized		
2 x 1½"	2X112GMFB	112.74

Cap



SIZE	STOCK NO	EACH
Black		
⅛"	18BMCAP	2.00
¼"	14BMCAP	8.46
⅜"	38BMCAP	7.07
½"	12BMCAP	6.42
¾"	34BMCAP	8.70
1"	1BMCAP	10.54
1¼"	114BMCAP	13.88
1½"	112BMCAP	19.07
2"	2BMCAP	27.81
2½"	212BMCAP	63.35
3"	3BMCAP	94.14
3½"	312BMCAP	228.65
4"	4BMCAP	161.42
5"	5BMCAP	412.22
6"	6BMCAP	685.08
Galvanized		
⅛"	18GMCAP	2.11
¼"	14GMCAP	11.49
⅜"	38GMCAP	11.49
½"	12GMCAP	9.48
¾"	34GMCAP	13.12
1"	1GMCAP	16.25
1¼"	114GMCAP	21.41
1½"	112GMCAP	27.44
2"	2GMCAP	38.43
2½"	212GMCAP	111.61
3"	3GMCAP	135.25
4"	4GMCAP	298.83

Countersunk Plugs



SIZE	STOCK NO	EACH
Black Steel		
⅛"	18BSCP	.29
¼"	14BSCP	.38
⅜"	38BSCP	.52
½"	12BSCP	.88
Black Malleable		
¾"	34BMCP	1.40
1"	1BMCP	20.47
1¼"	114BMCP	21.41
1¼"	112BMCP	25.61
2"	2BMCP	37.82
2½"	212BMCP	59.76
3"	3BMCP	97.62
4"	4BMCP	263.08

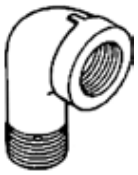
Malleable Fittings - Class 300 (03)

wardfittings.com



90° Elbow

SIZE	STOCK NO	EACH
1/4"	14BM300L	32.18
3/8"	38BM300L	28.59
1/2"	12BM300L	38.72
3/4"	34BM300L	41.91
1"	1BM300L	53.51
1 1/4"	114BM300L	78.10
1 1/2"	112BM300L	92.09
2"	2BM300L	132.48
2 1/2"	212BM300L	333.50
3"	3BM300L	394.27
4"	4BM300L	992.42



90° Street Elbow

SIZE	STOCK NO	EACH
1/4"	14BM300SL	38.12
1/2"	12BM300SL	49.81
3/4"	34BM300SL	70.75
1"	1BM300SL	82.96
1 1/2"	112BM300SL	140.99
2"	2BM300SL	219.43



45° Elbow

SIZE	STOCK NO	EACH
3/8"	38BM30045L	47.92
1/2"	12BM30045L	53.33
3/4"	34BM30045L	59.33
1"	1BM30045L	65.57
1 1/4"	114BM30045L	105.18
1 1/2"	112BM30045L	137.07
2"	2BM30045L	207.14



Tee

SIZE	STOCK NO	EACH
1/4"	14BM300T	40.56
3/8"	38BM300T	42.91
1/2"	12BM300T	54.67
3/4"	34BM300T	59.00
1"	1BM300T	70.99
1 1/4"	114BM300T	101.75
1 1/2"	112BM300T	118.63
2"	2BM300T	175.13
2 1/2"	212BM300T	433.09
3"	3BM300T	606.79
Reducing Tee		
1/2 x 1/4"	12X14BM300T	58.39
1 x 1/2"	1X12BM300T	106.54



Cross

Class 300

SIZE	STOCK NO	EACH
1"	1BM300X	195.84
1 1/2"	112BM300X	342.63

Reducer

SIZE	STOCK NO	EACH
1/2 x 1/4"	12X14BM300R	46.22
1/2 x 3/8"	12X38BM300R	46.22
3/4 x 3/8"	34X38BM300R	67.09
3/4 x 1/2"	34X12BM300R	47.25
1 x 1/2"	1X12BM300R	57.60
1 x 3/4"	1X34BM300R	56.46
1 1/4 x 1/2"	114X12BM300R	126.31
1 1/4 x 3/4"	114X34BM300R	77.11
1 1/4 x 1"	114X1BM300R	74.34
1 1/2 x 3/4"	112X34BM300R	105.73
1 1/2 x 1"	112X1BM300R	101.79
1 1/2 x 1 1/4"	112X114BM300R	115.78
2 x 1"	2X1BM300R	147.64
2 x 1 1/4"	2X114BM300R	180.50
2 x 1 1/2"	2X112BM300R	142.18
2 1/2 x 2"	212X2BM300R	289.98



Cap

SIZE	STOCK NO	EACH
1/4"	14BM300CAP	29.79
3/8"	38BM300CAP	29.79
1/2"	12BM300CAP	29.53
3/4"	34BM300CAP	37.28
1"	1BM300CAP	48.89
1 1/4"	114BM300CAP	54.16
1 1/2"	112BM300CAP	79.12
2"	2BM300CAP	109.97



300# and AAR Brass Seat Unions

SIZE	STOCK NO	EACH
Black Class 300		
1/4"	14BM300U	69.49
3/8"	38BM300U	70.33
1/2"	12BM300U	56.89
3/4"	34BM300U	63.02
1"	1BM300U	82.25
1 1/4"	114BM300U	134.13
1 1/2"	112BM300U	140.48
2"	2BM300U	174.02
2 1/2"	212BM300U	561.02
3"	3BM300U	725.80
4"	4BM300U	1548.11
Galvanized Class 300		
3/4"	34GM300U	98.99
1"	1GM300U	131.33
1 1/2"	112GM300U	220.51
2"	2GM300U	264.68

Unipipe Aluminum Piping System

unipipesolutions.com



Unipipe Pipes

For Compressed Air (also rated for oils & coolants)

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4" x 19'	UATT0020600	89.90
1" x 19'	UATT0025600	105.85
1 1/4" x 19'	UATT0032600	162.40
1 1/2" x 19'	UATT0040600	211.70
2" x 19'	UATT0050600	290.00
2 1/2" x 19'	UATT0063600	348.00
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4" x 13'	UCTT0020400	98.60
1" x 13'	UCTT0025400	127.60
2" x 13'	UCTT0050400	652.50
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
3/4" x 13'	UOTT0020400	98.60
1" x 13'	UOTT0025400	127.60



Straight Couplings

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4"	UACC0020020	27.55
1"	UACC0025025	32.63
1 1/4"	UACC0032032	53.65
1 1/2"	UACC0040040	65.25
2"	UACC0050050	130.50
2 1/2"	UACC0063063	162.40
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4"	UCCC0020020	34.80
1"	UCCC0025025	40.60
2"	UCCC0050050	162.40
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
3/4"	UOCC0020020	34.80
1"	UOCC0025025	40.60



Reducers

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
1" x 3/4"	UASC0025020	27.55
1 1/4" x 3/4"	UASC0032020	65.25
1 1/4" x 1"	UASC0032025	47.85
1 1/2" x 3/4"	UASC0040020	52.20
1 1/2" x 1"	UASC0040025	55.10
1 1/2" x 1 1/4"	UASC0040032	65.25
2" x 1 1/4"	UASC0050032	113.10
2" x 1 1/2"	UASC0050040	87.00
2 1/2" x 1 1/2"	UASC0063040	153.70
2 1/2" x 2"	UASC0063050	153.70
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
1" x 3/4"	UOSC0025020	36.25



Fitting Plugs with Purge Valve

SIZE	STOCK NO	EACH
Max Working Pressure 1015 PSI (70 bar)		
3/4"	UASV0020008	23.20
1"	UASV0025008	24.65
1 1/4"	UASV0032008	26.10
1 1/2"	UASV0040008	39.15
2"	UASV0050008	60.90
2 1/2"	UASV0063008	113.10



Tees

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4"	UACCT020020	49.30
1"	UACCT025025	60.90
1 1/4"	UACCT032032	92.80
1 1/2"	UACCT040040	118.90
2"	UACCT050050	234.90
2 1/2"	UACCT063063	304.50
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4"	UCCCT020020	56.55
1"	UCCCT025025	72.50
2"	UCCCT050050	290.00
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
3/4"	UOCCT020020	56.55
1"	UOCCT025025	72.50



Tees with FNPT Branch Line

SIZE	BRACH SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue			
3/4"	1/2"	UACFT020015N	40.60
1"	3/4"	UACFT025020N	49.30
1 1/4"	1"	UACFT032025N	72.50
1 1/2"	1 1/4"	UACFT040032N	98.60
2"	1 1/2"	UACFT050040N	188.50
2 1/2"	2"	UACFT063050N	311.75



90° Elbows

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4"	UACC9020020	36.25
1"	UACC9025025	40.60
1 1/4"	UACC9032032	68.15
1 1/2"	UACC9040040	81.20
2"	UACC9050050	166.75
2 1/2"	UACC9063063	210.25
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4"	UCCC9020020	42.05
1"	UCCC9025025	49.30
2"	UCCC9050050	211.70
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
3/4"	UOCC9020020	42.05
1"	UOCC9025025	49.30



45° Elbows

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4"	UACC4020020	33.35
1"	UACC4025025	40.60
1 1/4"	UACC4032032	72.50
1 1/2"	UACC4040040	85.55
2"	UACC4050050	171.10
2 1/2"	UACC4063063	234.90
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4"	UCCC4020020	39.15
1"	UCCC4025025	46.40
2"	UCCC4050050	203.00
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
3/4"	UOCC4020020	39.15
1"	UOCC4025025	46.40



MNPT Adapters

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4" x 1/2"	UACM0020015N	20.30
3/4" x 3/4"	UACM0020020N	26.10
1" x 1/2"	UACM0025015N	33.35
1" x 3/4"	UACM0025020N	31.90
1" x 1"	UACM0025025N	36.25
1 1/4" x 1"	UACM0032025N	40.60
1 1/4" x 1 1/4"	UACM0032032N	58.00
1 1/2" x 1 1/4"	UACM0040032N	58.00
1 1/2" x 1 1/2"	UACM0040040N	65.25
2" x 1 1/2"	UACM0050040N	94.25
2" x 2"	UACM0050050N	101.50
2 1/2" x 2"	UACM0063050N	133.40
2 1/2" x 2 1/2"	UACM0063063N	188.50
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4" x 1/2"	UCCM0020015N	24.65
3/4" x 3/4"	UCCM0020020N	30.45
1" x 1/2"	UCCM0025015N	39.15
1" x 3/4"	UCCM0025020N	39.15
1" x 1"	UCCM0025025N	43.50
2" x 2"	UCCM0050050N	121.80
Max Working Pressure 1015 PSI (70 bar) - Oil Brown		
3/4" x 1/2"	UOCM0020015N	24.65
3/4" x 3/4"	UOCM0020020N	30.45
1" x 1/2"	UOCM0025015N	39.15
1" x 3/4"	UOCM0025020N	39.15
1" x 1"	UOCM0025025N	43.50



FNPT Adapters

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
3/4" x 1/2"	UACF0020015N	20.30
1" x 3/4"	UACF0025020N	26.10
1 1/4" x 1"	UACF0032025N	40.60
1 1/2" x 1 1/4"	UACF0040032N	52.20
2" x 1 1/2"	UACF0050040N	89.90
2 1/2" x 2"	UACF0063050N	137.75
Max Working Pressure 1015 PSI (70 bar) - Dark Blue		
3/4" x 1/2"	UCCF0020015N	24.65
1" x 3/4"	UCCF0025020N	30.45
2" x 1 1/2"	UCCF0050040N	107.30



FNPT Wall Outlets

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar)		
1" x 1/2" Single	UASFS025015N	53.65
1" x 1/2" Double	UASFD025015N	58.00



Fitting to Male Threaded Connector

SIZE X MALE THREADED CONNECTOR	STOCK NO	EACH
Max Working Pressure 232 PSI (70 bar)		
3/4" x 1/2"	UCSM0020015N	20.30
1" x 3/4"	UCSM0025020N	31.90
1 1/4" x 1"	UCSM0032025N	49.30
1 1/2" x 1 1/4"	UCSM0040032N	63.80
2" x 1 1/2"	UCSM0050040N	107.30

Unipipe Aluminum Piping System

unipipesolutions.com

Saddle Branches



Saddle Branches

SIZE	BRACH SIZE	STOCK NO	EACH
Max Working Pressure 580 PSI (40 bar)			
1"	¾"	UCIC0025020	62.35
1¼"	¾"	UCIC0032020	72.50
1½"	¾"	UCIC0040020	78.30
1½"	1"	UCIC0040025	81.20
2"	¾"	UCIC0050020	113.10
2"	1"	UCIC0050025	116.00
2½"	¾"	UCIC0063020	130.50
2½"	1"	UCIC0063025	133.40



FNTP Saddle Branches

SIZE	BRACH SIZE	STOCK NO	EACH
Max Working Pressure 580 PSI (40 bar)			
1"	½"	UCHF0025015N	27.55
1¼"	½"	UCHF0032015N	31.90
1½"	½"	UCHF0040015N	46.40
1½"	¾"	UCHF0040020N	46.40
2"	½"	UCHF0050015N	65.25
2"	¾"	UCHF0050020N	65.25
2"	1"	UCHF0050025N	65.25
2½"	½"	UCHF0063015N	98.60
2½"	¾"	UCHF0063020N	98.60
2½"	1"	UCHF0063025N	98.60

Valves



Ball Valves

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
¾"	UACCV020020	68.15
¾" x 1"	UACCV025020	72.50
1"	UACCV025025	87.00
1¼"	UACCV032032	166.75
1½"	UACCV040040	217.50
2"	UACCV050050	195.75
2½"	UACCV063063	493.00
Max Working Pressure 600 PSI (41 bar) - Dark Blue		
¾"	UCCCV020020	89.90
1"	UCCCV025025	118.90
2"	UCCCV050050	398.75
Max Working Pressure 600 PSI (41 bar) - Oil Brown		
¾"	UOCCV020020	89.90
1"	UOCCV025025	118.90



MNPT Ball Valves

SIZE	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
¾" x ½"	UACMV020015N	58.00
1" x ¾"	UACMV025020N	81.20
1¼" x 1"	UACMV032025N	152.25
1½" x 1¼"	UACMV040032N	195.75
2" x 1½"	UACMV050040N	290.00
2½" x 2"	UACMV063050N	464.00
Max Working Pressure 600 PSI (41 bar) - Oil Brown		
¾"	UOCMV020015N	78.30
1"	UOCMV025020N	110.20



(252D)

Wall Mounted Drop End Ball Valves

SIZE X UNIVERSAL QUICK COUPLING	STOCK NO	EACH
Max Working Pressure 232 PSI (16 bar) - Light Blue		
¾" x ¼" Single	UASFSBQ020015N	162.40
1" x ¼" Single	UASFSBQ025015N	179.80
¾" x ¼" Double	UASFDBQ020015N	195.75
1" x ¼" Double	UASFDBQ025015N	211.70

Tools



Unipipe Fitting Wrenches

SIZE	STOCK NO	EACH
¾"	WFN20	52.20
1"	WFN25	58.00
1¼"	WFN32	65.25
1½"	WFN40	72.50
2"	WFN50	98.60
2½"	WFN63	113.10



Drilling Tools

SIZE	STOCK NO	EACH
½"	DTE14	72.50
¾"	DTE19	87.00
1"	DTE24	101.50



Multi-Reamer Inside & Outside

SIZE	STOCK NO	EACH
¾" - 2"	TR05	210.25



Depth Gauge

SIZE	STOCK NO	EACH
¾" - 6"	TIU160	29.00



Drop End Adapter Plate

STOCK NO	EACH
UAWMDA375	46.40

unipipe®
ALUMINUM PIPING SYSTEM

Standard Galvanized Steel Nipples (48)

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1/8" IPS

LENGTH	STOCK NO	EACH
Close	18XCGN	6.82
1½"	18X112GN	9.53
2"	18X2GN	9.53
2½"	18X212GN	12.58
3"	18X3GN	12.58
3½"	18X312GN	14.82
4"	18X4GN	14.82
4½"	18X412GN	26.54
5½"	18X512GN	29.75
6"	18X6GN	29.75

1/4" IPS

LENGTH	STOCK NO	EACH
Close	14XCGN	7.36
1½"	14X112GN	8.64
2"	14X2GN	8.64
2½"	14X212GN	11.22
3"	14X3GN	11.22
3½"	14X312GN	13.50
4"	14X4GN	13.50
4½"	14X412GN	18.35
5"	14X5GN	18.35
5½"	14X512GN	20.59
6"	14X6GN	20.59

3/8" IPS

LENGTH	STOCK NO	EACH
Close	38XCGN	8.00
1½"	38X112GN	9.16
2"	38X2GN	9.16
2½"	38X212GN	12.31
3"	38X3GN	12.31
3½"	38X312GN	14.51
4"	38X4GN	14.51
4½"	38X412GN	20.04
5"	38X5GN	20.04
5½"	38X512GN	22.26
6"	38X6GN	22.26



(40)

Metal Nipple Tray

SIZE	STOCK NO	EACH
½"	12NITR	44.71
¾"	34NITR	51.93
1"	1NITR	55.85



1/2" IPS

LENGTH	STOCK NO	EACH
Close	12XCGN	6.59
1½"	12X112GN	6.82
2"	12X2GN	6.82
2½"	12X212GN	8.11
3"	12X3GN	8.11
3½"	12X312GN	9.93
4"	12X4GN	9.93
4½"	12X412GN	11.91
5"	12X5GN	11.91
5½"	12X512GN	13.61
6"	12X6GN	13.61
7"	12X7GN	23.71
8"	12X8GN	23.71
9"	12X9GN	28.29
10"	12X10GN	28.29
11"	12X11GN	32.08
12"	12X12GN	32.08

3/4" IPS

LENGTH	STOCK NO	EACH
Close	34XCGN	7.83
1½"	34X112GN	8.48
2"	34X2GN	8.48
2½"	34X212GN	9.41
3"	34X3GN	9.41
3½"	34X312GN	12.31
4"	34X4GN	12.31
4½"	34X412GN	14.51
5"	34X5GN	14.51
5½"	34X512GN	17.58
6"	34X6GN	17.58
7"	34X7GN	30.39
8"	34X8GN	30.39
9"	34X9GN	33.69
10"	34X10GN	33.69
11"	34X11GN	37.84
12"	34X12GN	37.84

1" IPS

LENGTH	STOCK NO	EACH
Close	1XCGN	10.86
2"	1X2GN	12.71
2½"	1X212GN	13.78
3"	1X3GN	13.78
3½"	1X312GN	16.49
4"	1X4GN	16.49
4½"	1X412GN	20.29
5"	1X5GN	20.29
5½"	1X512GN	23.06
6"	1X6GN	23.06
7"	1X7GN	38.50
8"	1X8GN	38.50
9"	1X9GN	44.03
10"	1X10GN	44.03
12"	1X12GN	51.21

1¼" IPS

LENGTH	STOCK NO	EACH
Close	114XCGN	14.51
2"	114X2GN	15.72
2½"	114X212GN	17.03
3"	114X3GN	17.03
3½"	114X312GN	20.29
4"	114X4GN	20.29
4½"	114X412GN	25.16
5"	114X5GN	25.16
5½"	114X512GN	29.23
6"	114X6GN	29.23
7"	114X7GN	47.18
8"	114X8GN	47.18
9"	114X9GN	56.48
10"	114X10GN	56.48
11"	114X11GN	67.73
12"	114X12GN	67.73



1½" IPS

LENGTH	STOCK NO	EACH
Close	112XCGN	17.03
Butt.	112XBGN	67.62
2"	112X2GN	18.19
2½"	112X212GN	20.29
3"	112X3GN	20.29
3½"	112X312GN	25.70
4"	112X4GN	25.70
4½"	112X412GN	31.08
5"	112X5GN	31.08
5½"	112X512GN	34.82
6"	112X6GN	34.82
7"	112X7GN	54.14
8"	112X8GN	54.14
9"	112X9GN	63.16
10"	112X10GN	63.16
11"	112X11GN	72.18
12"	112X12GN	72.18

2" IPS

LENGTH	STOCK NO	EACH
Close	2XCGN	23.85
Butt.	2XBGN	95.10
2-1/2"	2X212GN	26.85
3"	2X3GN	26.85
3-1/2"	2X312GN	32.62
4"	2X4GN	32.62
4-1/2"	2X412GN	41.78
5"	2X5GN	41.78
5-1/2"	2X512GN	48.48
6"	2X6GN	48.48
7"	2X7GN	79.00
8"	2X8GN	79.00
10"	2X10GN	92.35
11"	2X11GN	105.98
12"	2X12GN	105.98

2½" IPS

LENGTH	STOCK NO	EACH
Close	212XCGN	71.10
3"	212X3GN	73.87
3½"	212X312GN	85.81
4"	212X4GN	85.81
4½"	212X412GN	95.63
5"	212X5GN	95.63
5½"	212X512GN	105.06
6"	212X6GN	105.06
8"	212X8GN	135.18
10"	212X10GN	154.05
12"	212X12GN	172.44

3" IPS

LENGTH	STOCK NO	EACH
Close	3XCGN	85.29
3"	3X3GN	97.06
3½"	3X312GN	113.82
4"	3X4GN	113.82
4½"	3X412GN	132.56
5"	3X5GN	132.56
5½"	3X512GN	140.32
6"	3X6GN	140.32
7"	3X7GN	188.94
8"	3X8GN	188.94
9"	3X9GN	215.52
10"	3X10GN	215.52
11"	3X11GN	242.24
12"	3X12GN	242.24

3½" IPS

LENGTH	STOCK NO	EACH
Close	312XCGN	150.28

4" IPS

LENGTH	STOCK NO	EACH
Close	4XCGN	127.74
4"	4X4GN	152.76
4½"	4X412GN	171.22
5"	4X5GN	171.22
5½"	4X512GN	189.33
6"	4X6GN	189.33
8"	4X8GN	225.87
10"	4X10GN	261.91
12"	4X12GN	298.08

6" IPS

LENGTH	STOCK NO	EACH
Close	6XCGN	687.82
6"	6X6GN	897.94
8"	6X8GN	1082.26
12"	6X12GN	1475.04

"Redi-Sizes"

Six pieces of each, close thru 6"

SIZE	STOCK NO	EACH
¼"	14GN6P	1181.17
⅜"	38GN6P	1281.68
½"	12GN6P	790.50
¾"	34GN6P	968.30
1"	1GN6P	1331.98
1¼"	114GN6P	1714.36
1½"	112GN6P	2079.68
2"	2GN6P	2596.67

"Three -Pack"

Three pieces of each, close thru 6"

SIZE	STOCK NO	EACH
½"	12GN3P	418.69
¾"	34GN3P	514.56
1"	1GN3P	668.39
1¼"	114GN3P	835.40
1½"	112GN3P	1013.44
2"	2GN3P	1265.28

"One-Pack"

One piece of each, close thru 6"

SIZE	STOCK NO	EACH
½"	12GN1P	149.97
¾"	34GN1P	183.65
1"	1GN1P	244.34
1¼"	114GN1P	319.79
1½"	112GN1P	388.04
2"	2GN1P	484.51

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1/8" IPS

LENGTH	STOCK NO	EACH
Close	18XCBN	5.50
1½"	18X112BN	6.66
2"	18X2BN	6.66
2½"	18X212BN	7.83
3"	18X3BN	7.83
3½"	18X312BN	9.41
4"	18X4BN	9.41
4½"	18X412BN	17.81
5"	18X5BN	17.81
5½"	18X512BN	19.65
6"	18X6BN	19.65

1/4" IPS

LENGTH	STOCK NO	EACH
Close	14XCBN	6.59
1½"	14X112BN	6.97
2"	14X2BN	6.97
2½"	14X212BN	9.03
3"	14X3BN	9.03
3½"	14X312BN	10.37
4"	14X4BN	10.37
4½"	14X412BN	15.72
5"	14X5BN	15.72
5½"	14X512BN	18.59
6"	14X6BN	18.59

3/8" IPS

LENGTH	STOCK NO	EACH
Close	38XCBN	6.66
1½"	38X112BN	7.61
2"	38X2BN	7.61
2½"	38X212BN	9.82
3"	38X3BN	9.82
3½"	38X312BN	11.53
4"	38X4BN	11.53
4½"	38X412BN	16.49
5"	38X5BN	16.49
5½"	38X512BN	18.35
6"	38X6BN	18.35

1/2" IPS

LENGTH	STOCK NO	EACH
Close	12XCBN	5.67
1½"	12X112BN	5.67
2"	12X2BN	5.67
2½"	12X212BN	6.66
3"	12X3BN	6.66
3½"	12X312BN	8.11
4"	12X4BN	8.11
4½"	12X412BN	9.41
5"	12X5BN	9.41
5½"	12X512BN	10.48
6"	12X6BN	10.48
7"	12X7BN	18.85
8"	12X8BN	18.85
9"	12X9BN	22.81
10"	12X10BN	22.81
11"	12X11BN	27.03
12"	12X12BN	27.03
18"	12X18BN	42.20
24"	12X24BN	55.05
30"	12X30BN	64.46
36"	12X36BN	76.10
48"	12X48BN	96.13
60"	12X60BN	115.27

3/4" IPS

LENGTH	STOCK NO	EACH
Close	34XCBN	6.59
1½"	34X112BN	6.97
2"	34X2BN	6.97
2½"	34X212BN	7.83
3"	34X3BN	7.83
3½"	34X312BN	9.82
4"	34X4BN	9.82
4½"	34X412BN	12.31
5"	34X5BN	12.31
5½"	34X512BN	13.88
6"	34X6BN	13.88
7"	34X7BN	23.19
8"	34X8BN	23.19
9"	34X9BN	26.85
10"	34X10BN	26.85
11"	34X11BN	29.99
12"	34X12BN	29.99
18"	34X18BN	52.02
24"	34X24BN	66.55
30"	34X30BN	77.96
36"	34X36BN	92.25
48"	34X48BN	122.89
60"	34X60BN	150.38

1" IPS

LENGTH	STOCK NO	EACH
Close	1XCBN	9.41
2"	1X2BN	10.37
2½"	1X212BN	10.86
3"	1X3BN	10.86
3½"	1X312BN	13.61
4"	1X4BN	13.61
4½"	1X412BN	15.96
5"	1X5BN	15.96
5½"	1X512BN	19.01
6"	1X6BN	19.01
7"	1X7BN	30.92
8"	1X8BN	30.92
9"	1X9BN	36.14
10"	1X10BN	36.14
11"	1X11BN	41.53
12"	1X12BN	41.53
18"	1X18BN	66.96
24"	1X24BN	87.51
30"	1X30BN	100.91
36"	1X36BN	121.70
48"	1X48BN	159.06
60"	1X60BN	200.19

1¼" IPS

LENGTH	STOCK NO	EACH
Close	114XCBN	11.91
2"	114X2BN	13.50
2½"	114X212BN	14.42
3"	114X3BN	14.42
3½"	114X312BN	17.03
4"	114X4BN	17.03
4½"	114X412BN	20.29
5"	114X5BN	20.29
5½"	114X512BN	24.15
6"	114X6BN	24.15
7"	114X7BN	38.91
8"	114X8BN	38.91
9"	114X9BN	46.65
10"	114X10BN	46.65
11"	114X11BN	52.81
12"	114X12BN	52.81
18"	114X18BN	85.15
24"	114X24BN	114.77
30"	114X30BN	135.45
36"	114X36BN	159.68
48"	114X48BN	211.57
60"	114X60BN	263.18

1½" IPS

LENGTH	STOCK NO	EACH
Close	112XCBN	14.82
2"	112X2BN	15.96
2½"	112X212BN	17.81
3"	112X3BN	17.81
3½"	112X312BN	20.04
4"	112X4BN	20.04
4½"	112X412BN	24.50
5"	112X5BN	24.50
5½"	112X512BN	28.01
6"	112X6BN	28.01
7"	112X7BN	44.52
8"	112X8BN	44.52
9"	112X9BN	52.15
10"	112X10BN	52.15
11"	112X11BN	60.08
12"	112X12BN	60.08

2" IPS

LENGTH	STOCK NO	EACH
Close	2XCBN	20.17
2½"	2X212BN	23.19
3"	2X3BN	23.19
3½"	2X312BN	28.01
4"	2X4BN	28.01
4½"	2X412BN	32.37
5"	2X5BN	32.37
5½"	2X512BN	37.84
6"	2X6BN	37.84
7"	2X7BN	63.27
8"	2X8BN	63.27
9"	2X9BN	74.41
10"	2X10BN	74.41
11"	2X11BN	85.70
12"	2X12BN	85.70

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2½"

LENGTH	STOCK NO	EACH
Close	212XCBN	63.16
3"	212X3BN	64.71
3½"	212X312BN	76.10
4"	212X4BN	76.10
4½"	212X412BN	83.61
5"	212X5BN	83.61
5½"	212X512BN	87.27
6"	212X6BN	87.27
7"	212X7BN	110.94
8"	212X8BN	110.94
9"	212X9BN	124.71
10"	212X10BN	124.71
11"	212X11BN	138.63
12"	212X12BN	138.63

3"

LENGTH	STOCK NO	EACH
Close	3XCBN	74.94
3"	3X3BN	81.49
3½"	3X312BN	96.54
4"	3X4BN	96.54
4½"	3X412BN	106.39
5"	3X5BN	106.39
5½"	3X512BN	115.67
6"	3X6BN	115.67
7"	3X7BN	156.02
8"	3X8BN	156.02
9"	3X9BN	175.31
10"	3X10BN	175.31
11"	3X11BN	194.41
12"	3X12BN	194.41

3½"

LENGTH	STOCK NO	EACH
4"	312X4BN	142.69
6"	312X6BN	184.77

4"

LENGTH	STOCK NO	EACH
Close	4XCBN	112.92
4"	4X4BN	130.62
4½"	4X412BN	149.11
5"	4X5BN	149.11
5½"	4X512BN	159.41
6"	4X6BN	159.41
7"	4X7BN	184.04
8"	4X8BN	184.04
9"	4X9BN	209.63
10"	4X10BN	209.63
11"	4X11BN	245.63
12"	4X12BN	245.63

5"

LENGTH	STOCK NO	EACH
4½"	5X412BN	358.83
5"	5X5BN	358.83
6"	5X6BN	393.59

6"

LENGTH	STOCK NO	EACH
Close	6XCBN	344.06
4½"	6X412BN	404.83
5"	6X5BN	404.83
6"	6X6BN	448.99
8"	6X8BN	541.09
10"	6X10BN	626.61
12"	6X12BN	737.71

"Redi-Sizes"

Six pieces of each, close thru 6"

SIZE	STOCK NO	EACH
¼"	14BN6P	995.54
⅜"	38BN6P	1045.31
½"	12BN6P	737.67
¾"	34BN6P	901.76
1"	1BN6P	1078.73
1¼"	114BN6P	1395.40
1½"	112BN6P	1700.01
2"	2BN6P	2106.66

"Three-Pack"

Three pieces of each, close thru 6"

SIZE	STOCK NO	EACH
½"	12BN3P	337.73
¾"	34BN3P	411.94
1"	1BN3P	541.36
1¼"	114BN3P	680.27
1½"	112BN3P	828.05
2"	2BN3P	1026.91

"One-Pack"

One piece of each, close thru 6"

SIZE	STOCK NO	EACH
½"	12BN1P	120.92
¾"	34BN1P	146.99
1"	1BN1P	197.70
1¼"	114BN1P	260.35
1½"	112BN1P	317.31
2"	2BN1P	393.03

Extra Heavy Black Steel Nipples (48)

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1/8"

LENGTH	STOCK NO	EACH
Close	18XCBXHN	4.62
1½"	18X112BXHN	5.30
2"	18X2BXHN	5.30
2½"	18X212BXHN	6.11
3"	18X3BXHN	6.11
4"	18X4BXHN	7.96
4½"	18X412BXHN	14.44
6"	18X6BXHN	15.70

1/4"

LENGTH	STOCK NO	EACH
Close	14XCBXHN	9.93
1½"	14X112BXHN	11.64
2"	14X2BXHN	11.64
2½"	14X212BXHN	15.18
3"	14X3BXHN	15.18
3½"	14X312BXHN	16.49
4"	14X4BXHN	16.49
4½"	14X412BXHN	26.10
5"	14X5BXHN	26.10
5½"	14X512BXHN	29.61
6"	14X6BXHN	29.61

3/8"

LENGTH	STOCK NO	EACH
Close	38XCBXHN	10.22
1½"	38X112BXHN	12.98
2"	38X2BXHN	12.98
2½"	38X212BXHN	15.29
3"	38X3BXHN	15.29
3½"	38X312BXHN	18.19
4"	38X4BXHN	18.19
4½"	38X412BXHN	26.10
5"	38X5BXHN	26.10
5½"	38X512BXHN	29.72
6"	38X6BXHN	29.72

1/2"

LENGTH	STOCK NO	EACH
Close	12XCBXHN	9.41
1½"	12X112BXHN	9.41
2"	12X2BXHN	9.41
2½"	12X212BXHN	11.38
3"	12X3BXHN	11.38
3½"	12X312BXHN	13.61
4"	12X4BXHN	13.61
4½"	12X412BXHN	15.50
5"	12X5BXHN	15.50
5½"	12X512BXHN	17.58
6"	12X6BXHN	17.58

3/4"

LENGTH	STOCK NO	EACH
Close	34XCBXHN	10.86
1½"	34X112BXHN	10.86
2"	34X2BXHN	10.86
2½"	34X212BXHN	13.10
3"	34X3BXHN	13.10
3½"	34X312BXHN	15.50
4"	34X4BXHN	15.50
4½"	34X412BXHN	19.25
5"	34X5BXHN	19.25
5½"	34X512BXHN	22.81
6"	34X6BXHN	22.81



1"

LENGTH	STOCK NO	EACH
Close	1XCBXHN	15.96
2"	1X2BXHN	17.96
2½"	1X212BXHN	18.59
3"	1X3BXHN	18.59
3½"	1X312BXHN	22.15
4"	1X4BXHN	22.15
4½"	1X412BXHN	26.50
5"	1X5BXHN	26.50
5½"	1X512BXHN	31.30
6"	1X6BXHN	31.30
8"	1X8BXHN	52.81

1¼"

LENGTH	STOCK NO	EACH
Close	114XCBXHN	19.65
2"	114X2BXHN	21.09
2½"	114X212BXHN	23.19
3"	114X3BXHN	23.19
3½"	114X312BXHN	28.95
4"	114X4BXHN	28.95
4½"	114X412BXHN	35.62
5"	114X5BXHN	35.62
5½"	114X512BXHN	40.11
6"	114X6BXHN	40.11

1½"

LENGTH	STOCK NO	EACH
Close	112XCBXHN	24.66
2"	112X2BXHN	26.60
2½"	112X212BXHN	28.70
3"	112X3BXHN	28.70
3½"	112X312BXHN	34.61
4"	112X4BXHN	34.61
4½"	112X412BXHN	40.21
5"	112X5BXHN	40.21
5½"	112X512BXHN	46.12
6"	112X6BXHN	46.12

2"

LENGTH	STOCK NO	EACH
Close	2XCBXHN	33.69
2½"	2X212BXHN	37.98
3"	2X3BXHN	37.98
3½"	2X312BXHN	43.58
4"	2X4BXHN	43.58
4½"	2X412BXHN	53.96
5"	2X5BXHN	53.96
5½"	2X512BXHN	62.25
6"	2X6BXHN	62.25

2½"

LENGTH	STOCK NO	EACH
Close	212XCBXHN	103.09
3"	212X3BXHN	107.44
3½"	212X312BXHN	125.27
4"	212X4BXHN	125.27
4½"	212X412BXHN	142.13
5"	212X5BXHN	142.13
5½"	212X512BXHN	154.98
6"	212X6BXHN	154.98

3"

LENGTH	STOCK NO	EACH
Close	3XCBXHN	125.92
3"	3X3BXHN	140.07
3½"	3X312BXHN	163.37
4"	3X4BXHN	163.37
4½"	3X412BXHN	179.25
5"	3X5BXHN	179.25
5½"	3X512BXHN	195.73
6"	3X6BXHN	195.73

"Six-Pack"

Six pieces of each, close thru 6"

SIZE	STOCK NO	EACH
½"	12BXHN6P	1123.26
¾"	34BXHN6P	1273.15
1"	1BXHN6P	1806.84
1¼"	114BXHN6P	2406.15
1½"	112BXHN6P	2843.23
2"	2BXHN6P	3487.30

"Three-Pack"

Three pieces of each, close thru 6"

SIZE	STOCK NO	EACH
½"	12BXHN3P	563.23
¾"	34BXHN3P	678.71
1"	1BXHN3P	902.74
1¼"	114BXHN3P	1158.09
1½"	112BXHN3P	1369.34
2"	2BXHN3P	1680.79

Extra Heavy Black Steel A106 Seamless Nipples (48)

wardmanufacturing.com



1/8"

LENGTH	STOCK NO	EACH
Close	18XCBXHSN	12.01
2"	18X2BXHSN	13.70
3"	18X3BXHSN	11.46
4"	18X4BXHSN	13.90
5"	18X5BXHSN	29.85
6"	18X6BXHSN	23.82

1/4"

LENGTH	STOCK NO	EACH
Close	14XCBXHSN	14.13
1½"	14X112BXHSN	14.46
2"	14X2BXHSN	15.98
2½"	14X212BXHSN	17.41
3"	14X3BXHSN	19.36
3½"	14X312BXHSN	21.51
4"	14X4BXHSN	23.82
4½"	14X412BXHSN	25.91
5"	14X5BXHSN	36.74
5½"	14X512BXHSN	38.77
6"	14X6BXHSN	41.38

3/8"

LENGTH	STOCK NO	EACH
Close	38XCBXHSN	15.27
1½"	38X112BXHSN	15.93
2"	38X2BXHSN	17.41
2½"	38X212BXHSN	19.56
3"	38X3BXHSN	21.99
3½"	38X312BXHSN	24.19
4"	38X4BXHSN	26.33
4½"	38X412BXHSN	28.94
5"	38X5BXHSN	38.58
5½"	38X512BXHSN	41.22
6"	38X6BXHSN	43.90

1/2"

LENGTH	STOCK NO	EACH
Close	12XCBXHSN	7.78
1½"	12X112BXHSN	8.28
2"	12X2BXHSN	9.11
2½"	12X212BXHSN	10.06
3"	12X3BXHSN	11.08
3½"	12X312BXHSN	12.56
4"	12X4BXHSN	13.83
4½"	12X412BXHSN	15.19
5"	12X5BXHSN	17.52
5½"	12X512BXHSN	19.06
6"	12X6BXHSN	20.62

3/4"

LENGTH	STOCK NO	EACH
Close	34XCBXHSN	8.79
1½"	34X112BXHSN	9.39
2"	34X2BXHSN	9.84
2½"	34X212BXHSN	11.13
3"	34X3BXHSN	12.38
3½"	34X312BXHSN	14.11
4"	34X4BXHSN	15.48
4½"	34X412BXHSN	16.90
5"	34X5BXHSN	19.31
5½"	34X512BXHSN	20.72
6"	34X6BXHSN	22.27

1"

LENGTH	STOCK NO	EACH
Close	1XCBXHSN	12.41
2"	1X2BXHSN	13.18
2½"	1X212BXHSN	14.11
3"	1X3BXHSN	16.50
3½"	1X312BXHSN	18.29
4"	1X4BXHSN	20.43
4½"	1X412BXHSN	22.24
5"	1X5BXHSN	25.73
5½"	1X512BXHSN	27.54
6"	1X6BXHSN	29.39

1¼"

LENGTH	STOCK NO	EACH
Close	114XCBXHSN	15.60
2"	114X2BXHSN	16.20
2½"	114X212BXHSN	17.85
3"	114X3BXHSN	20.73
3½"	114X312BXHSN	22.65
4"	114X4BXHSN	25.34
4½"	114X412BXHSN	27.56
5"	114X5BXHSN	31.96
5½"	114X512BXHSN	34.38
6"	114X6BXHSN	36.74

1½"

LENGTH	STOCK NO	EACH
Close	112XCBXHSN	18.77
2"	112X2BXHSN	19.84
2½"	112X212BXHSN	21.57
3"	112X3BXHSN	24.84
3½"	112X312BXHSN	27.10
4"	112X4BXHSN	30.33
4½"	112X412BXHSN	33.17
5"	112X5BXHSN	38.34
5½"	112X512BXHSN	40.78
6"	112X6BXHSN	43.12

2"

LENGTH	STOCK NO	EACH
Close	2XCBXHSN	22.27
2½"	2X212BXHSN	25.00
3"	2X3BXHSN	29.08
3½"	2X312BXHSN	31.28
4"	2X4BXHSN	34.92
4½"	2X412BXHSN	37.66
5"	2X5BXHSN	44.12
5½"	2X512BXHSN	47.62
6"	2X6BXHSN	50.37
8"	2X8BXHSN	79.52

2½"

LENGTH	STOCK NO	EACH
Close	212XCBXHSN	74.02
3"	212X3BXHSN	77.52
3½"	212X312BXHSN	83.47
4"	212X4BXHSN	86.57
4½"	212X412BXHSN	91.25
5"	212X5BXHSN	97.44
6"	212X6BXHSN	106.70

3"

LENGTH	STOCK NO	EACH
Close	3XCBXHSN	93.36
3"	3X3BXHSN	98.72
3½"	3X312BXHSN	105.47
4"	3X4BXHSN	111.65
4½"	3X412BXHSN	117.83
5"	3X5BXHSN	126.06
5½"	3X512BXHSN	132.43
6"	3X6BXHSN	138.55

Wardflex Tubing & Fittings (18e)

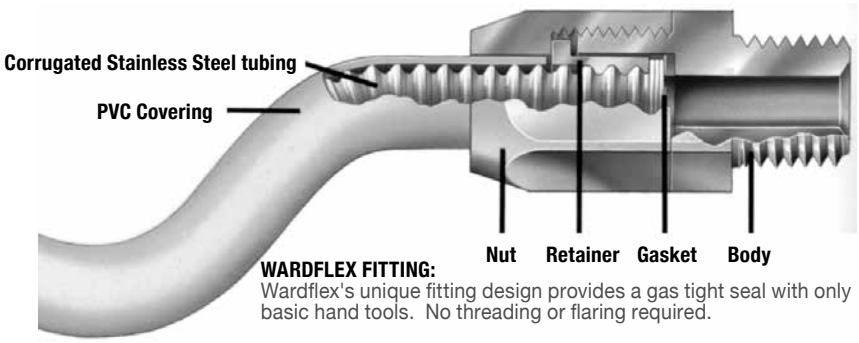
Alternative to Steel Pipe

wardflex.com

PLEASE NOTE:

Ward Manufacturing requires that installation of this product be performed only by installers who have been properly trained by Ward Manufacturing and who have been issued a Certificate of Training from Ward Mfg. Accordingly, Goodin Company offers this product for sale only to customers who have been certified to us by Ward Mfg as qualified to install this product.

Continuous flexible annular stainless steel gas piping system. Eliminates the majority of connections for faster installation and less chance of leakage.



WARDFLEX FITTING:
Wardflex's unique fitting design provides a gas tight seal with only basic hand tools. No threading or flaring required.



50' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
½"	WF12X50TU	198.28
¾"	WF34X50TU	258.79
1"	WF1X50TU	369.03
1¼"	WF114X50TU	461.78
1½"	WF112X50TU	815.11

100' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
⅜"	WF38X100TU	354.92
½"	WF12X100TU	396.58
¾"	WF34X100TU	517.61
1"	WF1X100TU	738.06
1¼"	WF114X100TU	923.59
1½"	WF112X100TU	1621.33

150' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
1½"	WF112X150TU	2432.02

180' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
¾"	WF34X180TU	931.66
1"	WF1X180TU	1328.53

250' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
½"	WF12X250TU	990.81

Wardflex II Stainless Steel Tubing



50' Coils Black Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
½"	WFII12X50TU	238.74
¾"	WFII34X50TU	310.69
1"	WFII1X50TU	443.86
1¼"	WFII114X50TU	555.04

100' Coils Black Tubing

Sold per each coil.

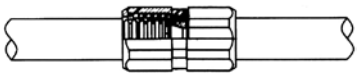
SIZE	STOCK NO	COIL
½"	WFII12X100TU	434.39
¾"	WFII34X100TU	565.39
1"	WFII1X100TU	806.71
1¼"	WFII114X100TU	1009.25

250' Coils Black Tubing

Sold per each coil.

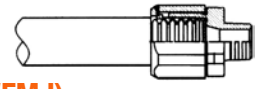
SIZE	STOCK NO	COIL
½"	WFII12X250TU	1085.96
¾"	WFII34X250TU	1413.46

WARDFLEX™



Mechanical Coupling (WFC)

SIZE	STOCK NO	EACH
⅜"	WF38C	26.68
½"	WF12C	30.37
¾"	WF34C	41.79
1"	WF1C	67.43
1¼"	WF114C	143.69
1½"	WF112C	300.71
2"	WF2C	513.79



Joint fitting (WFMJ)

SIZE	STOCK NO	EACH
⅜"	WF38MJ	15.30
½"	WF12MJ	16.49
¾"	WF34MJ	22.49
1"	WF1MJ	37.34
1¼"	WF114MJ	77.15
1½"	WF112MJ	158.69
2"	WF2MJ	270.44



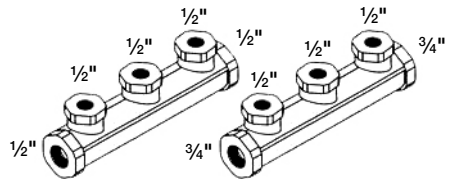
Termination Fittings

SIZE	STOCK NO	EACH
Outdoor (WF_OTF)		
⅜"	WF38OTF	26.21
½"	WF12OTF	28.00
¾"	WF34OTF	33.03
1"	WF1OTF	45.75
Indoor (WF_ITF)		
½"	WF12ITF	23.55
¾"	WF34ITF	24.74



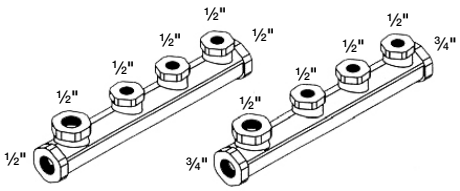
O-Ring for Outdoor Termination Kit (WFOR)

SIZE	STOCK NO	EACH
⅜"	WF38ORI	2.74
½"	WF12ORI	2.74
¾"	WF34ORI	3.41



3 Port Manifolds

LINE SIZE	STOCK NO	EACH
½"	WFDX3M	30.85
¾"	WFEX3DM	33.27



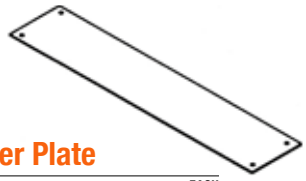
4 Port Manifolds

LINE SIZE	STOCK NO	EACH
½"	WFDX4M	37.73
¾"	WFEX4DM	37.73



Full Striker Plate

STOCK NO	EACH
WFFSP	5.10



Large Striker Plate

STOCK NO	EACH
WFLSP	22.51



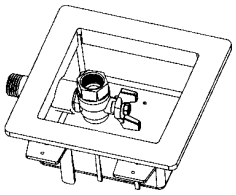
Half Striker Plate

STOCK NO	EACH
WFHSP	2.45



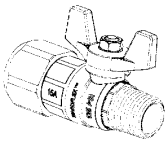
Quarter Striker Plate

STOCK NO	EACH
WFQSP	1.25



Flush Mount Gas Valve Kit

STOCK NO	EACH
WF1WFFMKIT	65.84



Valve Assembly

SIZE	STOCK NO	EACH
¾"	WF34V	46.06
½"	WF12V	36.42

Male Mechanical Joint Tee

SIZE	STOCK NO	EACH
½" x ½" x ½"	WF12MJT	51.03
¾" x ¾" x ¾"	WF34MJT	63.26
¾" x ¾" x ½"	WF34X12MJT	63.39

Female Mechanical Joint Fitting

SIZE	STOCK NO	EACH
½" x ½"	WF12MJF	16.49
¾" x ¾"	WF34MJF	23.75
1" x 1"	WF1MJF	34.77

#800 Bonding Clamp

SIZE	STOCK NO	EACH
⅜"—1"	WF38X1BC	8.69



Appliance Stub Out

SIZE	STOCK NO	EACH
½"	WF12ASO	17.49



Stripwound Metal Conduit

SIZE	STOCK NO	EACH
½"x 12"	WF12X12HO	3.04
¾"x 12"	WF34X12HO	4.81
1"x 12"	WF1X12HO	5.73



Tube Cutter

SIZE	STOCK NO	EACH
Black & Yellow #658		
⅜" - 1¼"	WF10AX32A	119.37
Replacement Wheel #659		
⅜" - 1¼"	WFW10AX32A	38.39



Manifold Bracket Assembly

STOCK NO	EACH
WF1WFMBRKA	12.80



Mechanical Joint Gasket

SIZE	STOCK NO	EACH
1"	WF1MJG	2.38



Residential Gas Connector with Valve

3/8"MIP X 1/2"FIP(Ball)

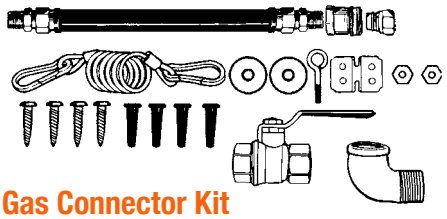
LGTH	STOCK NO	EACH
12"	DOGACO	33.13



BP Series Commercial Gas Connector

Stainless steel corrugated hose, encased in stainless steel braid, covered with a thick Supr-Flex™ (plastic) coating.

SIZE	STOCK NO	EACH
1/2 x 36"	DO1650BP36	179.06
1/2 x 48"	DO1650BP48	202.09
3/4 x 36"	DO1675BP36	242.81
3/4 x 48"	DO1675BP48	279.44
1 x 36"	DO16100BP36	272.63
1 x 48"	DO16100BP48	320.20



Gas Connector Kit

Contains:

- BPQ Series Stainless Steel Gas Connector with Push-to-Connect Quick Disconnect Coupling
- Coiled restraining device with installation hardware and instructions
- Full port gas ball valve
- 90° Street elbow

HOSE SIZE	STOCK NO	EACH
1/2 x 36"	DO1650K36	309.30
1/2 x 48"	DO1650K48	324.23
3/4 x 36"	DO1675K36	411.05
3/4 x 48"	DO1675K48	442.21
1 x 36"	DO16100K36	508.69
1 x 48"	DO16100K48	556.18



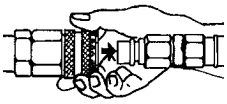
Uncoated Stainless Steel Corrugated Gas Appliance Connectors

Rated for Indoor & Outdoor use

1/2" I.D. (5/8" O.D.) w/Fittings

LGTH	STOCK NO	EACH
1/2" FIP x 1/2" MIP		
(•) 24"	DO30313224	26.01
(•) 36"	DO30313236	29.71
48"	DO30313248	37.87
3/4" FIP x 3/4" MIP		
(•) 18"	DO30414218	22.74
(•) 24"	DO30414224	26.01
(•) 36"	DO30414236	29.71
48"	DO30414248	37.87

(•)-Approved for use with Radiant Tube Heating Appliances when installed according to manufacturers instructions.



Type A Push-to-Connect Coupling

- "Push to connect" with one hand, gas flow begins as soon as components are joined
- Push or pull operating ring, coupling separates and gas flow shuts off
- Thermal shut off at temperatures above 350°

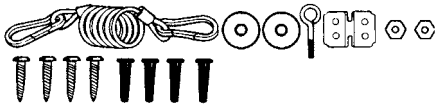
SIZE	STOCK NO	EACH
1/2"	DOA50	121.16
3/4"	DOA75	147.33
1"	DOA100	199.60



Supr-Swivel™ Coupling

- Relieves multiple plane stresses.
- 230° rotational and 360° spherical movement
- Enhances flow over simple 90° fitting
- Increases usable aisle work space by decreasing space behind equipment

SIZE	STOCK NO	EACH
3/4"	DOS75	169.89



Coiled Restraining Device

Includes commercial mounting hardware

LGTH	STOCK NO	EACH
36"	DORDC36	45.66
48"	DORDC48	43.05

Reserved



Straight 90° Elbow
No 101

SIZE	STOCK NO	EACH
¼"	14CIL	18.63
½"	12CIL	11.81
¾"	34CIL	12.30
1"	1CIL	14.59
1¼"	114CIL	20.70
1½"	112CIL	28.61
2"	2CIL	44.74
2½"	212CIL	107.19
3"	3CIL	175.54
4"	4CIL	325.44
5"	5CIL	725.54
6"	6CIL	965.42

90° Elbow Reducing
No 102

SIZE	STOCK NO	EACH
¾ x ½"	34X12CIL	24.85
1 x ¾"	1X34CIL	20.75
1¼ x 1"	114X1CIL	26.12
1¼ x ¾"	114X34CIL	29.79
1¼ x ½"	114X12CIL	29.29
1½ x 1¼"	112X114CIL	52.76
1½ x 1"	112X1CIL	48.24
1½ x ¾"	112X34CIL	48.24
2 x 1½"	2X112CIL	70.59
2 x 1¼"	2X114CIL	75.48
2 x 1"	2X1CIL	70.59
2 x ¾"	2X34CIL	70.59
2½ x 2"	212X2CIL	142.58
2½ x 1¼"	212X114CIL	164.64
2½ x 1"	212X1CIL	164.64
3 x 2½"	3X212CIL	269.15
3 x 2"	3X2CIL	247.97
3 x 1½"	3X112CIL	269.15
4 x 3"	4X3CIL	459.23
4 x 2"	4X2CIL	459.23
6 x 4"	6X4CIL	1424.16



45° Elbow
No 120

SIZE	STOCK NO	EACH
½"	12CI45L	18.10
¾"	34CI45L	18.20
1"	1CI45L	21.35
1¼"	114CI45L	28.69
1½"	112CI45L	47.53
2"	2CI45L	54.83
2½"	212CI45L	142.60
3"	3CI45L	225.86



Straight Tee
No 131

SIZE	STOCK NO	EACH
¼"	14CIT	29.69
⅜"	38CIT	28.35
½"	12CIT	18.42
¾"	34CIT	21.48
1"	1CIT	19.12
1¼"	114CIT	34.89
1½"	112CIT	45.35
2"	2CIT	63.13
2½"	212CIT	164.03
3"	3CIT	251.74
4"	4CIT	491.03
5"	5CIT	1366.60
6"	6CIT	1551.57

Reducing Tee
No 132

SIZE	STOCK NO	EACH
½ x ¾"	12X34CIT	34.67
¾ x 1"	34X1CIT	35.06
¾ x ¾ x ½"	34X12CIT	29.85
¾ x ½ x ¾"	34X12X34CIT	34.67
¾ x ½ x ½"	34X12X12CIT	34.67
1 x 1½"	1X112CIT	67.16
1 x 1¼"	1X114CIT	41.32
1 x ¾"	1X34CIT	25.87
1 x ½"	1X12CIT	21.54
1 x ¾ x 1"	1X34X1CIT	28.86
1 x ¾ x ¾"	1X34X34CIT	36.01
1 x ½ x 1"	1X12X1CIT	28.39
1 x ½ x ¾"	1X12X34CIT	39.22
1 x ½ x ½"	1X12X12CIT	43.05
1¼ x 1½"	114X112CIT	63.93
1¼ x 1"	114X1CIT	34.47
1¼ x ¾"	114X34CIT	37.40
1¼ x ½"	114X12CIT	34.42
1¼ x 1 x 1¼"	114X1X114CIT	38.07
1¼ x 1 x 1"	114X1X1CIT	34.47
1¼ x 1 x ¾"	114X1X34CIT	39.48
1¼ x 1 x ½"	114X1X12CIT	34.92
1¼ x ½ x 1¼"	114X12X114CIT	53.29
1½ x 2"	112X2CIT	69.92
1½ x 1¼"	112X114CIT	63.93
1½ x 1"	112X1CIT	44.95
1½ x ¾"	112X34CIT	48.55
1½ x ½"	112X12CIT	44.95
1½ x 1¼ x 1½"	112X114X112CIT	63.93
1½ x 1¼ x 1¼"	112X114X114CIT	63.93
1½ x 1¼ x 1"	112X114X1CIT	44.95
1½ x 1¼ x ½"	112X114X12CIT	48.55
1½ x 1 x 1½"	112X1X112CIT	53.31
1½ x 1 x 1¼"	112X1X114CIT	73.95
1½ x 1 x 1"	112X1X1CIT	63.93
1½ x ¾ x 1½"	112X34X112CIT	69.63
1½ x ½ x 1½"	112X12X112CIT	71.27
1½ x ½ x 1¼"	112X12X114CIT	80.98

Reducing Tee - Continued

SIZE	STOCK NO	EACH
2 x 1½"	2X112CIT	75.61
2 x 1¼"	2X114CIT	71.56
2 x 1"	2X1CIT	63.71
2 x ¾"	2X34CIT	63.71
2 x ½"	2X12CIT	63.71
2 x 1½ x 2"	2X112X2CIT	86.89
2 x 1½ x 1½"	2X112X112CIT	97.85
2 x 1½ x 1¼"	2X112X114CIT	99.77
2 x 1½ x 1"	2X112X1CIT	63.71
2 x 1½ x ¾"	2X112X34CIT	72.92
2 x 1½ x ½"	2X112X12CIT	72.92
2 x 1¼ x 2"	2X114X2CIT	86.89
2 x 1¼ x 1¼"	2X114X114CIT	99.87
2 x 1¼ x 1"	2X114X1CIT	112.22
2 x 1 x 2"	2X1X2CIT	100.66
2 x 1 x 1"	2X1X1CIT	112.22
2 x ¾ x 2"	2X34X2CIT	91.25
2x ½ x 2"	2X12X2CIT	99.87
2½ x 2"	212X2CIT	186.01
2½ x 1"	212X1CIT	182.37
2½ x ¾"	212X34CIT	186.01
2½ x ½"	212X12CIT	206.76
2½ x 2 x 2½"	212X2X212CIT	186.83
2½ x 2 x 2"	212X2X2CIT	190.41
2½ x 2 x 1½"	212X2X112CIT	206.76
2½ x 2 x 1¼"	212X2X114CIT	215.69
2½ x 2 x 1"	212X2X1CIT	186.01
2½ x 2 x ¾"	212X2X34CIT	182.37
2½ x 1½ x 1½"	212X112X112CIT	215.69
2½ x 1¼ x 2½"	212X114X212CIT	215.69
2½ x ¾ x 2½"	212X34X212CIT	190.29
2½ x ½ x 2½"	212X12X212CIT	194.74
3 x 2½"	3X212CIT	324.12
3 x 2"	3X2CIT	278.78
3 x 1½"	3X112CIT	324.12
3 x 1¼"	3X114CIT	298.67
3 x 1"	3X1CIT	273.02
4 x 2½"	4X212CIT	596.39
4 x 2"	4X2CIT	570.81
4 x 1½"	4X112CIT	647.17



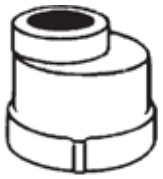
Cross Tee
No 161

SIZE	STOCK NO	EACH
¾"	34CIX	50.74
1"	1CIX	59.11
1¼"	114CIX	83.36
2"	2CIX	160.08



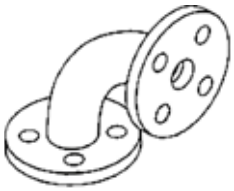
Concentric Reducer
No 178

SIZE	STOCK NO	EACH
¾ x ½"	34X12CIR	32.09
1 x ¾"	1X34CIR	22.40
1 x ½"	1X12CIR	16.89
1¼ x 1"	114X1CIR	58.05
1½ x 1¼"	112X114CIR	82.13
2 x 1½"	2X112CIR	107.40
2 x 1¼"	2X114CIR	112.22
2 x 1"	2X1CIR	95.64
2½ x 2"	212X2CIR	152.65
3 x 2½"	3X212CIR	246.38
3 x 2"	3X2CIR	187.09
4 x 3"	4X3CIR	504.97
4 x 2"	4X2CIR	504.97



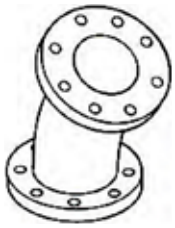
Eccentric Reducer
No 179

SIZE	STOCK NO	EACH
¾ x ½"	34X12CIER	67.50
1 x ¾"	1X34CIER	72.90
1 x ½"	1X12CIER	70.87
1¼ x 1"	114X1CIER	108.61
1¼ x ¾"	114X34CIER	105.54
1¼ x ½"	114X12CIER	116.47
1½ x 1¼"	112X114CIER	147.23
1½ x 1"	112X1CIER	153.98
1½ x ¾"	112X34CIER	153.98
2 x 1½"	2X112CIER	195.24
2 x 1¼"	2X114CIER	191.38
2 x 1"	2X1CIER	200.99
2 x ¾"	2X34CIER	221.87
2-1/2 x 2"	212X2CIER	298.12
2½ x 1½"	212X112CIER	305.22
2½ x 1¼"	212X114CIER	319.77
2½ x 1"	212X1CIER	319.77
3 x 2½"	3X212CIER	465.33
3 x 2"	3X2CIER	369.61
3 x 1½"	3X112CIER	430.22
4 x 2"	4X2CIER	869.64
4 x 3"	4X3CIER	937.01



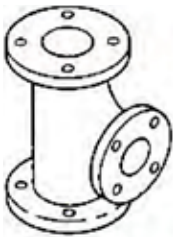
90° Elbow

SIZE	STOCK NO	EACH
2½"	212CIFL	672.26
3"	3CIFL	561.11
4"	4CIFL	693.92
5"	5CIFL	1643.47
6"	6CIFL	1086.47
8"	8CIFL	1876.06



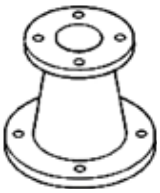
45° Elbow

SIZE	STOCK NO	EACH
3"	3CIF45L	934.02
4"	4CIF45L	1051.29



Tee

SIZE	STOCK NO	EACH
3"	3CIFT	694.59
4"	4CIFT	1056.58
6"	6CIFT	1533.29
8"	8CIFT	2619.56
4x2"	4X2CIFT	2174.77
4x3"	4X3CIFT	2174.77
6x4"	6X4CIFT	2093.62
6x3"	6X3CIFT	3045.67
6x4x6"	6X4X6CIFT	2412.18
8x6"	8X6CIFT	3270.58
8x4"	8X4CIFT	3930.09



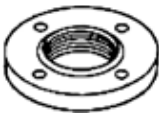
Reducer

SIZE	STOCK NO	EACH
3x 2½"	3X212CIFR	1245.23
4x3"	4X3CIFR	1399.10
5x4"	5X4CIFR	2163.39
6x4"	6X4CIFR	1873.70
6x5"	6X5CIFR	2058.20
8x4"	8X4CIFR	2716.47
8x6"	8X6CIFR	2358.12



Unions

SIZE	STOCK NO	EACH
4"	4CIFU	572.73
6"	6CIFU	1253.07



Companion Flanges

For 125Lbs. Pressure
Straight Black-faced and Drilled

SIZE	STOCK NO	EACH
1 x 4¼"	1CISCF	90.66
1¼ x 4⅝"	114CISCF	108.50
1½ x 5"	112CISCF	100.26
2 x 6"	2CISCF	100.05
2½ x 7"	212CISCF	117.06
3 x 7½"	3CISCF	150.78
4 x 9"	4CISCF	203.20
5 x 10"	5CISCF	287.05
6 x 11"	6CISCF	324.77
8 x 13½"	8CISCF	512.66

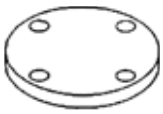
Galvanized Screwed Flanges

SIZE	STOCK NO	EACH
2 x 6"	2GCSCF	212.01
2½ x 7"	212GCSCF	248.01
3 x 7½"	3GCSCF	301.40
4 x 9"	4GCSCF	410.49
6 x 11"	6GCSCF	688.83

Reducing Companion Flanges

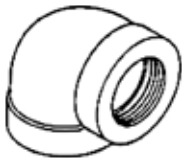
Black-faced and Drilled

SIZE	STOCK NO	EACH
2 x 7"	2X7CISCF	195.98
2 x 7½"	2X712CISCF	261.31
2 x 9"	2X9CISCF	355.15
2 x 11"	2X11CISCF	649.52
2½ x 7½"	212X712CISCF	280.41
2½ x 9"	212X9CISCF	381.08
3 x 9"	3X9CISCF	355.15
3 x 11"	3X11CISCF	649.52
4 x 10"	4X10CISCF	549.58
4 x 11"	4X11CISCF	535.65
4 x 13½"	4X1312CISCF	916.84



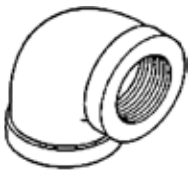
Blind Flange

SIZE	STOCK NO	EACH
2½ x 7"	212CIBLF	201.01
3 x 7½"	3CIBLF	240.92
6 x 11"	6CIBLF	545.43



90° Elbow
No 301

SIZE	STOCK NO	EACH
1½"	112BDL	70.99
2"	2BDL	106.90



90° Long Turn Elbow
No 306

SIZE	STOCK NO	EACH
1½"	112BDLTL	99.32
2"	2BDLTL	147.90



60° Elbow
No 319

SIZE	STOCK NO	EACH
1½"	112BD60L	128.48



45° Elbow
No 320

SIZE	STOCK NO	EACH
1½"	112BD45L	69.38
2"	2BD45L	100.17



Short T-Y Straight
No 342

SIZE	STOCK NO	EACH
1½"	112BDST	114.54
2"	2BDST	188.80
3"	3BDST	726.67
No 343 Reducing		
2 x 2 x 1½"	2X112BDST	194.12



Long T-Y Straight
No 344

SIZE	STOCK NO	EACH
1½"	112BDLTY	191.40
2"	2BDLTY	298.47



45° Wye Straight
No 350

SIZE	STOCK NO	EACH
1½"	112BDY	140.28
2"	2BDY	254.15



"P" Traps Less Cleanou
No 369

SIZE	STOCK NO	EACH
1½"	112BDPT	208.43
2"	2BDPT	343.24

Forged Steel Screwed Fittings (05)



90° Elbow

SIZE	STOCK NO	EACH
2000 LB		
1/4"	14FSL	7.66
3/8"	38FSL	8.87
1/2"	12FSL	7.77
3/4"	34FSL	8.47
1"	1FSL	10.91
1 1/4"	114FSL	21.82
1 1/2"	112FSL	26.62
2"	2FSL	36.51
2 1/2"	212FSL	96.09
3"	3FSL	148.37
3000 LB		
1/4"	14FS3ML	10.97
3/8"	38FS3ML	10.97
1/2"	12FS3ML	8.41
3/4"	34FS3ML	10.55
1"	1FS3ML	15.68
1 1/4"	114FS3ML	29.79
1 1/2"	112FS3ML	38.43
2"	2FS3ML	46.67
2-1/2"	212FS3ML	138.14
3"	3FS3ML	199.01



90° Street Elbow

SIZE	STOCK NO	EACH
3000 LB		
1/4"	14FS3MSL	16.42
3/8"	38FS3MSL	15.82
1/2"	12FS3MSL	15.82
3/4"	34FS3MSL	20.00
1"	1FS3MSL	26.68
2"	2FS3MSL	84.26



45° Elbow

SIZE	STOCK NO	EACH
2000 LB		
1/4"	14FS45L	11.46
3/8"	38FS45L	11.87
1/2"	12FS45L	11.29
3/4"	34FS45L	12.65
1"	1FS45L	14.80
1 1/4"	114FS45L	23.41
1 1/2"	112FS45L	29.46
2"	2FS45L	45.94
3"	3FS45L	224.65
3000 LB		
3/8"	38FS3M45L	13.93
1/2"	12FS3M45L	13.73
3/4"	34FS3M45L	15.86
1"	1FS3M45L	21.60
1 1/2"	112FS3M45L	42.86
2"	2FS3M45L	59.14



Tee

SIZE	STOCK NO	EACH
2000 LB		
1/4"	14FST	9.80
3/8"	38FST	10.94
1/2"	12FST	9.41
3/4"	34FST	12.75
1"	1FST	17.71
1 1/4"	114FST	31.33
1 1/2"	112FST	37.92
2"	2FST	47.41
2 1/2"	212FST	120.19
3"	3FST	207.17
3000 LB		
1/4"	14FS3MT	13.32
3/8"	38FS3MT	13.32
1/2"	12FS3MT	12.00
3/4"	34FS3MT	16.20
1"	1FS3MT	21.34
1 1/4"	114FS3MT	41.41
1 1/2"	112FS3MT	48.31
2"	2FS3MT	62.49
3"	3FS3MT	315.75



Cross Tee

SIZE	STOCK NO	EACH
2000 LB		
3/8"	38FSX	29.86
1"	1FSX	38.56
1 1/4"	114FSX	70.44
2"	2FSX	118.31
3000 LB		
1/2"	12FS3MX	33.91
3/4"	34FS3MX	44.74
1"	1FS3MX	62.95

Reducer

SIZE	STOCK NO	EACH
3000 LB		
1 1/2 x 1 1/4"	112X114FS3MR	22.60
1 1/2 x 1"	112X1FS3MR	22.60
1 1/4 x 1"	114X1FS3MR	20.81
1 1/4 x 3/4"	114X34FS3MR	20.81
1 x 1/2"	1X12FS3MR	11.88
1 x 3/4"	1X34FS3MR	11.88
2 x 1 1/2"	2X112FS3MR	32.77
2 x 1 1/4"	2X114FS3MR	32.77
3/4 x 1/2"	34X12FS3MR	9.12



Coupling

SIZE	STOCK NO	EACH
3000 LB		
1/8"	18FS3MC	4.27
1/4"	14FS3MC	4.27
3/8"	38FS3MC	4.27
1/2"	12FS3MC	3.52
3/4"	34FS3MC	4.57
1"	1FS3MC	7.96
1 1/4"	114FS3MC	13.26
1 1/2"	112FS3MC	17.15
2"	2FS3MC	21.40
2 1/2"	212FS3MC	52.96
3"	3FS3MC	100.08



Half-Coupling

SIZE	STOCK NO	EACH
3000 LB		
1/8"	18FS3MHC	2.22
1/4"	14FS3MHC	2.22
1/2"	12FS3MHC	2.14
3/4"	34FS3MHC	3.07
1"	1FS3MHC	4.21
1 1/4"	114FS3MHC	7.62
1 1/2"	112FS3MHC	10.13
2"	2FS3MHC	13.62
3"	3FS3MHC	62.80



Forged Steel Union - Petro

SIZE	STOCK NO	EACH
3000LB		
1/4"	14FSU	23.17
3/8"	38FSU	23.58
1/2"	12FSU	20.03
3/4"	34FSU	24.52
1"	1FSU	32.03
1 1/4"	114FSU	50.82
1 1/2"	112FSU	60.60
2"	2FSU	82.17
3"	3FSU	239.75

Forged Steel Screwed Fittings (05)



Hex Bushing

SIZE	STOCK NO	EACH
1/4 x 1/8"	14X18FSB	2.57
3/8 x 1/4"	38X14FSB	2.57
3/8 x 1/8"	38X18FSB	2.57
1/2 x 3/8"	12X38FSB	2.59
1/2 x 1/4"	12X14FSB	2.59
1/2 x 1/8"	12X18FSB	2.59
3/4 x 1/2"	34X12FSB	3.18
3/4 x 3/8"	34X38FSB	3.18
3/4 x 1/4"	34X14FSB	3.18
3/4 x 1/8"	34X18FSB	3.18
1 x 3/4"	1X34FSB	5.18
1 x 1/2"	1X12FSB	5.18
1 x 3/8"	1X38FSB	5.18
1 x 1/4"	1X14FSB	5.18
1 1/4 x 1"	114X1FSB	8.43
1 1/4 x 3/4"	114X34FSB	8.43
1 1/4 x 1/2"	114X12FSB	8.43
1 1/4 x 1/4"	114X14FSB	8.43
1 1/2 x 1 1/4"	112X114FSB	9.72
1 1/2 x 1"	112X1FSB	9.72
1 1/2 x 3/4"	112X34FSB	9.72
1 1/2 x 1/2"	112X12FSB	9.72
2 x 1 1/2"	2X112FSB	14.59
2 x 1 1/4"	2X114FSB	14.59
2 x 1"	2X1FSB	14.59
2 x 3/4"	2X34FSB	14.59
2 x 1/2"	2X12FSB	14.59
2 1/2 x 2"	212X2FSB	45.74
2 1/2 x 1 1/2"	212X112FSB	45.74
2 1/2 x 1 1/4"	212X114FSB	45.74
2 1/2 x 1/2"	212X12FSB	45.74
3 x 2 1/2"	3X212FSB	70.76
3 x 2"	3X2FSB	70.76



Cap

SIZE	STOCK NO	EACH
3000 LB		
1/2"	12FS3MCAP	4.61
3/4"	34FS3MCAP	6.42
1"	1FS3MCAP	9.86
1 1/4"	114FS3MCAP	15.87
1 1/2"	112FS3MCAP	18.97
2"	2FS3MCAP	27.30



Plug

SIZE	STOCK NO	EACH
1/8"	18FSP	1.86
1/4"	14FSP	1.86
3/8"	38FSP	1.95
1/2"	12FSP	2.04
3/4"	34FSP	2.55
1"	1FSP	3.90
1 1/4"	114FSP	8.04
1 1/2"	112FSP	9.18
2"	2FSP	14.50
2 1/2"	212FSP	37.30
3"	3FSP	62.44
4"	4FSP	98.64



(48)

Swage Nipples

Threaded Both Ends • Extra Heavy

SIZE	STOCK NO	EACH
1 1/4 x 1/2"	114X12XHTBESN	97.66
1 1/4 x 1"	114X1XHTBESN	93.07
1 1/2 x 1/2"	112X12XHTBESN	124.65
2 x 1/2"	2X12XHTBESN	223.77
2 x 3/4"	2X34XHTBESN	223.77
2 x 1"	2X1XHTBESN	177.04

Forged Steel Socket Weld Fittings (05)



90° Elbow

SIZE	STOCK NO	EACH
3000 LB		
½"	12SWL	8.31
¾"	34SWL	8.65
1"	1SWL	11.11
1¼"	114SWL	21.35
1½"	112SWL	24.80
2"	2SWL	36.49
3"	3SWL	179.16



45° Elbow

SIZE	STOCK NO	EACH
3000 LB		
½"	12SW45L	11.07
¾"	34SW45L	12.87
1"	1SW45L	16.84
1¼"	114SW45L	23.09
1½"	112SW45L	28.30
2"	2SW45L	45.50



Straight Tee

SIZE	STOCK NO	EACH
3000 LB		
½"	12SWT	10.30
¾"	34SWT	12.59
1"	1SWT	17.10
1¼"	114SWT	26.28
1½"	112SWT	34.83
2"	2SWT	50.29

Reducing Tee

SIZE	STOCK NO	EACH
3000 LB		
2 x 2 x ¾"	2X34SWT	150.86
2 x 2 x 1"	2X1SWT	150.86
2 x 2 x 1¼"	2X114SWT	61.19



Coupling

SIZE	STOCK NO	EACH
3000 LB		
½"	12SWC	4.81
¾"	34SWC	6.22
1"	1SWC	6.86
1¼"	114SWC	12.18
1½"	112SWC	13.46
2"	2SWC	21.50

Half Coupling

SIZE	STOCK NO	EACH
3000 LB		
½"	12FSSWHC	5.44
¾"	34FSSWHC	5.56



Reducer

SIZE	STOCK NO	EACH
3000 LB		
¾ x ½"	34X12SWR	15.54
1 x ¾"	1X34SWR	21.70
1½ x 1¼"	112X114SWR	29.71
1½ x 1"	112X1SWR	29.71
2 x 1½"	2X112SWR	32.85
2 x 1¼"	2X114SWR	32.85
2 x 1"	2X1SWR	32.85



Insert

SIZE	STOCK NO	EACH
3000 LB		
¾ x ½"	34X12SWINS	10.29
1 x ½"	1X12SWINS	11.27
1 x ¾"	1X34SWINS	11.27
1¼ x ¾"	114X34SWINS	13.22
1¼ x 1"	114X1SWINS	13.22
1½ x ½"	112X12SWINS	16.52
1½ x ¾"	112X34SWINS	16.52
1½ x 1"	112X1SWINS	16.52
1½ x 1¼"	112X114SWINS	16.52
2 x ¾"	2X34SWINS	22.62
2 x 1"	2X1SWINS	22.62
2 x 1¼"	2X114SWINS	22.62
2 x 1½"	2X112SWINS	22.62



Union

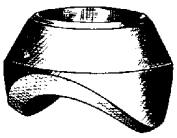
SIZE	STOCK NO	EACH
3000 LB		
½"	12SWU	22.87
¾"	34SWU	26.69
1"	1SWU	34.37
1¼"	114SWU	55.45
1½"	112SWU	60.05
2"	2SWU	86.46



Cap

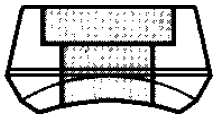
SIZE	STOCK NO	EACH
3000 LB		
⅛"	18SWCAP	9.06
¼"	14SWCAP	9.06
½"	12SWCAP	5.50
¾"	34SWCAP	6.42
1"	1SWCAP	9.74
1¼"	114SWCAP	11.47
1½"	112SWCAP	15.94
2"	2SWCAP	24.59

Weldolets, Socolets, Threadolets and Pipolets (02d)



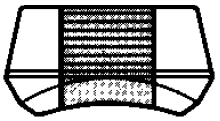
"Weldolet" Standard wall

OUTLET SIZE	FITS RUN PIPE SIZE	STOCK NO	EACH
½"	36-¾"	3634X12WOL	20.20
¾"	1¼-¾"	11434X34WOL	21.31
	36-2½"	36212X34WOL	21.31
1"	2½-1¼"	212114X1WOL	22.27
	36-3"	363X1WOL	22.27
1¼"	36-4"	364X114WOL	107.65
1½"	2"	2X112WOL	26.47
	2½-2"	2122X112WOL	26.47
	36-6"	366X112WOL	26.47
2"	6-4"	64X2WOL	26.70
	36-8"	368X2WOL	26.70
2½"	5-4"	54X212WOL	61.13
	8-6"	86X212WOL	61.13
3"	4-3½"	4312X3WOL	66.90
	6-5"	65X3WOL	66.90
	14-8"	148X3WOL	66.90
4"	4"	4X4WOL	69.75
	6"	6X4WOL	84.53
	10-8"	108X4WOL	84.53
	18-12"	1812X4WOL	84.53
6"	8"	8X6WOL	243.86
	10"	10X6WOL	243.86
	14-12"	1412X6WOL	243.86



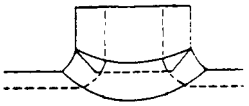
"Socolet"

OUTLET SIZE	FITS RUN PIPE SIZE	STOCK NO	EACH
½"	36-¾"	3634X12SOL	12.11
¾"	36-1½"	36112X34SOL	12.28
1"	36-3"	363X1SOL	13.61
1¼"	3½-2"	3122X114SOL	22.74
	36-4"	364X114SOL	22.74
1½"	5-3"	53X112SOL	22.74
	36-6"	366X112SOL	22.74
2"	3½-2½"	312212X2SOL	25.85
	36-8"	368X2SOL	25.85
	6-4"	64X2SOL	25.85



"Threadolet" Standard wall

OUTLET SIZE	FITS RUN PIPE SIZE	STOCK NO	EACH
3000 LB			
¼"	36-½"	3612X14TOL	14.70
⅜"	36-¾"	3634X38TOL	12.33
½"	36-¾"	3634X12TOL	9.76
¾"	1¼-¾"	11434X34TOL	11.24
	36-1½"	36112X34TOL	11.24
1"	2½-1¼"	212114X1TOL	13.10
	36-3"	363X1TOL	13.10
1¼"	1½-1¼"	112114X114TOL	20.76
	3½-2"	3122X114TOL	20.76
	36-4"	364X114TOL	20.76
1½"	1½"	112X112TOL	24.50
	2½-2"	2122X112TOL	20.76
	5-3"	53X112TOL	20.76
	36-6"	366X112TOL	20.76
2"	2"	2X2TOL	21.52
	3½-2½"	312212X2TOL	23.64
	6-4"	64X2TOL	23.64
	36-8"	368X2TOL	23.64
2½"	3½-3"	3123X212TOL	79.30
	5-4"	54X212TOL	79.30
	8-6"	86X212TOL	79.30
3"	4-3½"	4312X3TOL	96.16
	6-5"	65X3TOL	96.16
	14-8"	148X3TOL	96.16
4"	6"	6X4TOL	178.82
	10-8"	108X4TOL	178.82



"Pipe-O-Lets"

Stocked in our Fargo Branch

Used in lieu of Thread-O-Lets on sprinklers.
300# Female thread UL/FM

OUTLET SIZE	FITS RUN PIPE SIZE	STOCK NO	EACH
½"	2-2½-½"	2122X12POL	8.02
	8-3-½"	83X12POL	3.47
¾"	2-1½"	2112X34POL	8.02
	6-2½"	6212X34POL	8.02
1"	2-1½"	2112X1POL	11.64
	4-2½"	4212X1POL	11.64
1¼"	4-3"	43X114POL	17.01
1½"	4-3"	43X112POL	20.51
2"	3"	3X2POL	27.04
	4"	4X2POL	27.04

Carbon Steel Welding Fittings (04)

Domestic • Standard

Stocked in St. Paul Only

weldbend.com



90° Elbow

Long Radius

SIZE	STOCK NO	EACH
½"	12WEL	20.99
¾"	34WEL	20.99
1"	1WEL	20.99
1¼"	114WEL	20.99
1½"	112WEL	20.99
2"	2WEL	23.23
2½"	212WEL	27.70
3"	3WEL	33.95
3½"	312WEL	55.61
4"	4WEL	55.61
5"	5WEL	119.71
6"	6WEL	121.50
8"	8WEL	230.05
10"	10WEL	460.98
12"	120WEL	682.77
14"	140WEL	974.90
16"	160WEL	1342.97
18"	180WEL	1777.59
20"	200WEL	2459.02



90° Elbow

Short Radius

SIZE	STOCK NO	EACH
1"	1WESRL	33.28
1¼"	114WESRL	33.28
1½"	112WESRL	33.28
2"	2WESRL	34.84
2½"	212WESRL	55.61
3"	3WESRL	65.22
3½"	312WESRL	85.76
4"	4WESRL	85.76
5"	5WESRL	254.39
6"	6WESRL	225.80
8"	8WESRL	374.10
10"	100WESRL	766.07
12"	120WESRL	1070.93



45° Elbow

SIZE	STOCK NO	EACH
1"	1WE45L	21.89
1¼"	114WE45L	21.89
1½"	112WE45L	21.89
2"	2WE45L	21.89
2½"	212WE45L	26.58
3"	3WE45L	27.70
4"	4WE45L	50.25
5"	5WE45L	75.49
6"	6WE45L	98.05
8"	8WE45L	163.26
10"	100WE45L	326.08
12"	120WE45L	460.98
14"	140WE45L	619.33
16"	160WE45L	1110.46
18"	180WE45L	1570.11
20"	200WE45L	1625.27



Welding Tee

Full Branch

SIZE	STOCK NO	EACH
¾"	34WET	63.66
1¼"	114WET	63.66
1½"	112WET	63.66
2"	2WET	55.17
2½"	212WET	75.94
3"	3WET	84.42
4"	4WET	119.04
5"	5WET	195.65
6"	6WET	203.69
8"	8WET	355.79
10"	100WET	697.95
12"	120WET	978.25
14"	140WET	1715.28



Welding Reducng Tee

SIZE	STOCK NO	EACH
¾ x ½"	34X12WET	135.57
1 x ¾"	1X34WET	135.57
2 x 1"	2X1WET	92.02
2 x 1¼"	2X114WET	92.02
2 x 1½"	2X112WET	92.02
2½ x 2"	212X2WET	100.73
3 x 1"	3X1WET	98.27
3 x 1¼"	3X114WET	98.27
3 x 1½"	3X112WET	98.27
3 x 2"	3X2WET	98.27
3 x 2½"	3X212WET	98.27
4 x 2"	4X2WET	124.63
4 x 2½"	4X212WET	124.63
4 x 3"	4X3WET	124.63
5 x 3"	5X3WET	269.35
5 x 4"	5X4WET	269.35
6 x 3"	6X3WET	243.00
6 x 4"	6X4WET	243.00
8 x 4"	8X4WET	462.54
8 x 6"	8X6WET	462.54
10 x 6"	100X6WET	854.29
10 x 8"	100X8WET	854.29
12 x 6"	120X6WET	1259.66
12 x 8"	120X8WET	1259.66
12 x 10"	120X100WET	1259.66



180° Return Bend

Long Radius

SIZE	STOCK NO	EACH
4"	4WERB	253.80

Carbon Steel Welding Fittings (04)

Domestic • Standard

Stocked in St. Paul Only

weldbend.com



Concentric Welding Reducer

SIZE	STOCK NO	EACH
1 x ¾"	1X34WER	64.69
1¼ x ¾"	114X34WER	62.81
1¼x 1"	114X1WER	62.81
1½ x ¾"	112X34WER	62.81
1½ x 1	112X1WER	67.74
1½ x 1¼"	112X114WER	67.74
2 x ¾"	2X34WER	76.45
2 x 1"	2X1WER	49.63
2 x 1¼"	2X114WER	35.75
2 x 1½"	2X112WER	35.75
2½ x 1"	212X1WER	92.68
2½ x 1¼"	212X114WER	78.10
2½ x 1½"	212X112WER	58.10
2½ x 2"	212X2WER	44.93
3 x 1"	3X1WER	91.27
3 x 1¼"	3X114WER	72.21
3 x 1½"	3X112WER	45.87
3 x 2"	3X2WER	39.99
3 x 2½"	3X212WER	37.16
4 x 1¼"	4X114WER	152.25
4 x 1½"	4X112WER	104.67
4 x 2"	4X2WER	58.10
4 x 2½"	4X212WER	58.10
4 x 3"	4X3WER	47.52
4 x 3½"	4X312WER	50.11
5 x 2½"	5X212WER	183.48
5 x 3"	5X3WER	121.14
5 x 4"	5X4WER	88.21
6 x 2"	6X2WER	259.45
6 x 2½"	6X212WER	239.93
6 x 3"	6X3WER	120.67
6 x 4"	6X4WER	99.97
6 x 5"	6X5WER	89.38
8 x 4"	8X4WER	168.18
8 x 6"	8X6WER	130.79
10 x 6"	100X6WER	238.75
10 x 8"	100X8WER	253.33
12 x 10"	120X100WER	314.03
14 x 12"	140X120WER	472.80



Eccentric Welding Reducer

SIZE	STOCK NO	EACH
1½ x 1"	112X1WEER	90.56
2 x 1¼"	2X114WEER	74.10
2½ x 1"	212X1WEER	264.63
2½ x 1¼"	212X114WEER	112.91
2½ x 1½"	212X112WEER	62.57
2½ x 2"	212X2WEER	53.39
3 x 1¼"	3X114WEER	256.39
3 x 1½"	3X112WEER	71.27
3 x 2"	3X2WEER	62.57
3 x 2½"	3X212WEER	58.34
4 x 1½"	4X112WEER	310.50
4 x 2"	4X2WEER	92.91
4 x 2½"	4X212WEER	79.98
4 x 3"	4X3WEER	75.98
5 x 2½"	5X212WEER	239.93
5 x 3"	5X3WEER	154.08
5 x 4"	5X4WEER	154.08
6 x 3"	6X3WEER	245.81
6 x 4"	6X4WEER	156.42
6 x 5"	6X5WEER	112.91
8 x 6"	8X6WEER	199.94
10 x 8"	100X8WEER	262.28
12 x 8"	120X8WEER	638.64



Welding Cap

SIZE	STOCK NO	EACH
1"	1WECAP	24.58
1¼"	114WECAP	24.58
1½"	112WECAP	24.58
2"	2WECAP	33.38
2½"	212WECAP	34.67
3"	3WECAP	34.67
4"	4WECAP	50.71
5"	5WECAP	78.66
6"	6WECAP	86.94
8"	8WECAP	130.92
10"	100WECAP	279.46
12"	120WECAP	377.80
14"	140WECAP	477.13

Carbon Steel Welding Fittings (04)

Domestic • Extra Heavy

Stocked in St. Paul Only

weldbend.com



90° Elbow

SIZE	STOCK NO	EACH
1"	1WEXHL	27.47
1¼"	114WEXHL	27.47
2"	2WEXHL	27.70
2½"	212WEXHL	38.86
3"	3WEXHL	50.25
4"	4WEXHL	82.19
5"	5WEXHL	195.65
6"	6WEXHL	207.71
8"	8WEXHL	395.32



45° Elbow

SIZE	STOCK NO	EACH
2"	2WEXH45L	29.04
2½"	212WEXH45L	64.55
3"	3WEXH45L	37.75
4"	4WEXH45L	58.74
6"	6WEXH45L	161.25



Concentric Reducer

SIZE	STOCK NO	EACH
2 x 1"	2X1WEXHR	50.11
2 x 1½"	2X112WEXHR	39.99
2½ x 2"	212X2WEXHR	54.34
3 x 2"	3X2WEXHR	45.87
3 x 2½"	3X212WEXHR	45.87
4 x 2"	4X2WEXHR	76.92
4 x 3"	4X3WEXHR	58.81
5 x 4"	5X4WEXHR	125.14
6 x 4"	6X4WEXHR	141.13



Eccentric Reducer

SIZE	STOCK NO	EACH
2½ x 2"	212X2WEXHER	75.74
3 x 2"	3X2WEXHER	62.57
4 x 2"	4X2WEXHER	134.08
4 x 2½"	4X212WEXHER	101.85
6 x 4"	6X4WEXHER	211.70



Cap

SIZE	STOCK NO	EACH
2"	2WEXHCAP	33.38
2½"	212WEXHCAP	45.54
3"	3WEXHCAP	50.71
4"	4WEXHCAP	68.57



Tee

SIZE	STOCK NO	EACH
2"	2WEXHT	59.85
2½"	212WEXHT	99.83
3"	3WEXHT	92.68
4"	4WEXHT	150.76
6"	6WEXHT	287.22

Bolting Patterns for Steel Flanges

CLASS 150
BOLTING PATTERN AND BOLT LENGTHS

Pipe Size	Dia. of Bolt Circle	Dia. of Bolt Hole	No of Bolts	Dia. of Bolts	Machine Bolts .06" Raised Face	Stud Bolts .06" Raised Face
½	2.38	0.62	4	½	2.00	2.50
¾	2.75	0.62	4	½	2.25	2.50
1	3.12	0.62	4	½	2.25	2.75
1¼	3.50	0.62	4	½	2.50	2.75
1½	3.88	0.62	4	½	2.50	3.00
2	4.75	0.75	4	⅝	2.75	3.25
2½	5.50	0.75	4	⅝	3.00	3.50
3	6.00	0.75	4	⅝	3.25	3.75
3½	7.00	0.75	8	⅝	3.25	3.75
4	7.50	0.75	8	⅝	3.25	3.75
5	8.50	0.88	8	¾	3.25	4.00
6	9.50	0.88	8	¾	3.50	4.00
8	11.75	0.88	8	¾	3.75	4.25
10	14.25	1.00	12	⅞	4.00	4.75
12	17.00	1.00	12	⅞	4.25	4.75
14	18.75	1.12	12	1	4.50	5.25
16	21.25	1.12	16	1	4.75	5.50
18	22.75	1.25	16	1⅛	5.00	6.00
20	25.00	1.25	20	1⅛	5.50	6.25
24	29.50	1.38	20	1¼	6.00	7.00

CLASS 300
BOLTING PATTERN AND BOLT LENGTHS

Pipe Size	Dia. of Bolt Circle	Dia. of Bolt Hole	No of Bolts	Dia. of Bolts	Machine Bolts .06" Raised Face	Stud Bolts .06" Raised Face
½	2.62	0.62	4	½	2.25	2.75
¾	3.25	0.75	4	⅝	2.50	3.00
1	3.50	0.75	4	⅝	2.75	3.25
1¼	3.88	0.75	4	⅝	2.75	3.25
1½	4.50	0.88	4	¾	3.00	3.75
2	5.00	0.75	8	⅝	3.00	3.50
2½	5.88	0.88	8	¾	3.50	4.00
3	6.62	0.88	8	¾	3.75	4.25
3½	7.25	0.88	8	¾	3.75	4.50
4	7.88	0.88	8	¾	4.00	4.50
5	9.25	0.88	8	¾	4.25	4.75
6	10.62	0.88	12	¾	4.25	5.00
8	13.00	1.00	12	⅞	4.75	5.50
10	15.25	1.12	16	1	5.50	6.25
12	17.75	1.25	16	1⅛	6.00	6.75
14	20.25	1.25	20	1⅛	6.25	7.00
16	22.50	1.38	20	1¼	6.50	7.50
18	24.75	1.38	24	1¼	6.75	7.75
20	27.00	1.38	24	1¼	7.25	8.25
24	32.00	1.62	24	1½	8.00	9.25

Steel Flanges (04)
Domestic
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Slip-on Flange
Nominal Pipe

SIZE	STOCK NO	EACH
Raised Face, Class 150		
1¼"	114WESOF	30.55
1½"	112WESOF	30.55
2"	2WESOF	25.29
2½"	212WESOF	44.11
3"	3WESOF	36.43
3½"	312WESOF	44.73
4"	4WESOF	44.73
5"	5WESOF	76.64
6"	6WESOF	70.37
8"	8WESOF	106.04
10"	100WESOF	185.11
12"	120WESOF	274.33
14"	140WESOF	333.93
16"	160WESOF	473.03
18"	180WESOF	602.18
Flat Face, Class 150		
1"	1WESOFF	30.55
1½"	112WESOFF	30.55
2"	2WESOFF	25.29
3"	3WESOFF	36.43
4"	4WESOFF	44.73
6"	6WESOFF	70.37
8"	8WESOFF	106.04
10"	100WESOFF	185.11
12"	120WESOFF	274.33
14"	140WESOFF	333.93
Raised Face, Class 300		
1¼"	114WE300SOF	41.03
1½"	112WE300SOF	41.03
2"	2WE300SOF	39.99
2½"	212WE300SOF	45.09
3"	3WE300SOF	49.39
4"	4WE300SOF	70.77
6"	6WE300SOF	125.06
8"	8WE300SOF	209.54

(02)
Reducing Slip-on Flange

SIZE	STOCK NO	EACH
Raised Face, Class 150		
2 x 7"	2X7WESOF	126.32
2 x 7½"	2X712WESOF	95.74
2½ x 7½"	212X712WESOF	95.74
2½ x 9"	212X9WESOF	102.56
3 x 9"	3X9WESOF	102.56
3 x 10"	3X10WESOF	208.02
3 x 11"	3X11WESOF	278.51
4 x 10"	4X10WESOF	208.02
4 x 13½"	4X1312WESOF	350.02
5 x 11"	5X11WESOF	278.51
6 x 13½"	6X1312WESOF	350.02
Flat Face, Class 150		
4 x 2"	4X2WESOFF	102.56
4 x 3"	4X3WESOFF	102.56

Screwed Flange
Nominal Pipe

SIZE	STOCK NO	EACH
Raised Face, Class 150		
1"	1WESCF	45.72
1½"	112WESCF	45.72
2"	2WESCF	37.83
2½"	212WESCF	62.34
3"	3WESCF	46.65
4"	4WESCF	54.49
Flat Face, Class 150		
2"	2WESCFF	37.83
4"	4WESCFF	54.49
Raised Face, Class 300		
¾"	34WE300SCF	50.85
1"	1WE300SCF	50.85
1½"	112WE300SCF	50.85
2"	2WE300SCF	44.30
2½"	212WE300SCF	81.74
3"	3WE300SCF	65.47
4"	4WE300SCF	93.50

Blind Flange
Nominal Pipe

SIZE	STOCK NO	EACH
Raised Face, Class 150		
1¼"	114WEBLF	36.75
2"	2WEBLF	30.19
2½"	212WEBLF	49.01
3"	3WEBLF	38.59
4"	4WEBLF	54.23
5"	5WEBLF	70.77
6"	6WEBLF	82.54
8"	8WEBLF	134.27
10"	100WEBLF	258.35
12"	120WEBLF	389.49
14"	140WEBLF	609.62
18"	180WEBLF	1109.08
20"	200WEBLF	1394.18
Flat Face, Class 150		
1½"	112WEBLFF	36.75
4"	4WEBLFF	54.23
5"	5WEBLFF	70.77
6"	6WEBLFF	82.54
8"	8WEBLFF	134.27
Raised Face, Class 300		
1"	1WE300BLF	47.64
1½"	112WE300BLF	47.64
2"	2WE300BLF	39.40
3"	3WE300BLF	56.06
4"	4WE300BLF	86.05
6"	6WE300BLF	155.64
10"	100WE300BLF	481.03
12"	120WE300BLF	695.48

Carbon Steel Lap Joint Flange
Used with SS stub ends

SIZE	STOCK NO	EACH
1"	1WELJF	32.04
1½"	112WELJF	32.04
2"	2WELJF	26.66
2½"	212WELJF	42.34
3"	3WELJF	36.81
4"	4WELJF	44.69
6"	6WELJF	74.49

Weld Neck Flange

SIZE	STOCK NO	EACH
Raised Face, Class 150, Standard Bore		
1"	1WEWNF	43.80
1¼"	114WEWNF	43.80
1½"	112WEWNF	43.80
2"	2WEWNF	37.83
2½"	212WEWNF	41.16
3"	3WEWNF	47.11
4"	4WEWNF	56.63
5"	5WEWNF	86.92
6"	6WEWNF	82.54
8"	8WEWNF	145.53
10"	100WEWNF	233.84
12"	120WEWNF	340.14
14"	140WEWNF	449.06
16"	160WEWNF	608.76
18"	180WEWNF	860.45
20"	200WEWNF	1046.75
Raised Face, Class 150, Extra Strong Bore		
1½"	112WEWNFX	43.80
2"	2WEWNFX	37.83
2½"	212WEWNFX	41.16
3"	3WEWNFX	47.11
4"	4WEWNFX	56.63
5"	5WEWNFX	86.92
6"	6WEWNFX	82.54
Flat Face, Class 150		
2"	2WEWNFF	37.83
3"	3WEWNFF	47.11
4"	4WEWNFF	56.63
5"	5WEWNFF	86.92
6"	6WEWNFF	82.54
8"	8WEWNFF	145.53
14"	140WEWNFF	449.06
Flat Face, Class 300		
8"	8WE300WNFF	250.90
Raised Face, Class 300, Extra Strong Bore		
1¼"	114WE300WNFX	53.83
1½"	112WE300WNFX	53.83
2"	2WE300WNFX	49.79
3"	3WE300WNFX	56.85
Raised Face, Class 300, Standard Bore		
2"	2WE300WNF	49.79
2½"	212WE300WNF	56.85
3"	3WE300WNF	56.85
4"	4WE300WNF	93.50
5"	5WE300WNF	145.45
6"	6WE300WNF	145.65
8"	8WE300WNF	250.90

Socket Weld Flange

SIZE	STOCK NO	EACH
Standard Bore, Class 150		
½"	12WESWF	40.15
¾"	34WESWF	40.15
1"	1WESWF	40.15
1¼"	114WESWF	40.15
1½"	112WESWF	40.15
2"	2WESWF	33.32
Raised Face, Class 150, Extra Strong Bore		
½"	12WESWFX	40.15
¾"	34WESWFX	40.15
1"	1WESWFX	40.15
1¼"	114WESWFX	40.15
1½"	112WESWFX	40.15
2"	2WESWFX	33.32
Standard Bore, Class 300		
½"	12WE300SWF	46.58
¾"	34WE300SWF	46.58
1"	1WE300SWF	46.58
1¼"	114WE300SWF	46.58
1½"	112WE300SWF	46.58
2"	2WE300SWF	36.93
Raised Face, Class 300, Extra Strong Bore		
½"	12WE300SWFX	46.58
¾"	34WE300SWFX	46.58
1"	1WE300SWFX	46.58
1¼"	114WE300SWFX	46.58
1½"	112WE300SWFX	46.58
2"	2WE300SWFX	36.93

Carbon Steel Welding Fittings (04i)

Import • Standard

Non-Stock in St. Paul

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90° Elbow

Long Radius

SIZE	STOCK NO	EACH
½"	12WELI	8.48
¾"	34WELI	8.48
1"	1WELI	8.48
1¼"	114WELI	8.48
1½"	112WELI	8.48
2"	2WELI	9.39
2½"	212WELI	11.19
3"	3WELI	30.29
3½"	312WELI	49.62
4"	4WELI	49.62
5"	5WELI	106.82
6"	6WELI	108.41
8"	8WELI	205.26
10"	10WELI	411.32
12"	120WELI	609.20
14"	140WELI	307.73
16"	160WELI	847.84
18"	180WELI	1234.42
20"	200WELI	1190.18



90° Elbow

Short Radius

SIZE	STOCK NO	EACH
1"	1WESRLI	13.45
1½"	112WESRLI	13.45
2"	2WESRLI	14.08
2½"	212WESRLI	22.47
3"	3WESRLI	26.35
3½"	312WESRLI	34.65
4"	4WESRLI	34.65
5"	5WESRLI	102.78
6"	6WESRLI	91.23
8"	8WESRLI	151.15
10"	100WESRLI	309.52
12"	120WESRLI	432.70
16"	160WESRLI	870.76
20"	200WESRLI	1407.47



45° Elbow

SIZE	STOCK NO	EACH
¾"	34WE45LI	8.84
1"	1WE45LI	8.84
1¼"	114WE45LI	8.84
1½"	112WE45LI	8.84
2"	2WE45LI	8.84
2½"	212WE45LI	10.74
3"	3WE45LI	11.19
4"	4WE45LI	20.30
5"	5WE45LI	30.50
6"	6WE45LI	39.61
8"	8WE45LI	65.96
10"	100WE45LI	131.75
12"	120WE45LI	186.26
14"	140WE45LI	195.50
16"	160WE45LI	490.75
18"	180WE45LI	693.86



Welding Tee

Full Branch

SIZE	STOCK NO	EACH
¾"	34WETI	25.72
1"	1WETI	25.72
1¼"	114WETI	25.72
1½"	112WETI	25.72
2"	2WETI	22.29
2½"	212WETI	30.68
3"	3WETI	34.11
4"	4WETI	48.10
5"	5WETI	79.05
6"	6WETI	82.30
8"	8WETI	143.75
10"	100WETI	282.00
12"	120WETI	395.25



Welding Reducng Tee

SIZE	STOCK NO	EACH
¾ x ½"	34X12WETI	54.78
2 x 1"	2X1WETI	37.18
2 x 1¼"	2X114WETI	37.18
2 x 1½"	2X112WETI	37.18
2½ x 1"	212X1WETI	40.70
2½ x 1½"	212X112WETI	40.70
3 x 1"	3X1WETI	39.71
3 x 1¼"	3X114WETI	39.71
3 x 1½"	3X112WETI	39.71
3 x 2"	3X2WETI	39.71
3 x 2½"	3X212WETI	39.71
4 x 2"	4X2WETI	50.36
4 x 2½"	4X212WETI	50.36
4 x 3"	4X3WETI	50.36
5 x 3"	5X3WETI	108.83
5 x 4"	5X4WETI	108.83
6 x 3"	6X3WETI	98.18
6 x 4"	6X4WETI	98.18
6 x 5"	6X5WETI	98.18
8 x 4"	8X4WETI	186.89
8 x 6"	8X6WETI	186.89
10 x 6"	100X6WETI	345.17
10 x 8"	100X8WETI	345.17
12 x 6"	120X6WETI	508.95
12 x 8"	120X8WETI	508.95
12 x 10"	120X100WETI	508.95



180° Return Bend

Long Radius

SIZE	STOCK NO	EACH
2"	2WERBI	64.61
4"	4WERBI	102.54

Carbon Steel Welding Fittings (04i)

Import • Standard

Non-Stock in St. Paul

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Concentric Welding Reducer

SIZE	STOCK NO	EACH
¾ x ½"	34X12WERI	33.36
1 x ¾"	1X34WERI	26.26
1¼ x ¾"	114X34WERI	25.38
1¼x 1"	114X1WERI	25.38
1½ x ¾"	112X34WERI	25.38
1½ x 1	112X1WERI	27.37
1½ x 1¼"	112X114WERI	27.37
2 x ¾"	2X34WERI	30.89
2 x 1"	2X1WERI	20.05
2 x 1¼"	2X114WERI	14.45
2 x 1½"	2X112WERI	14.45
2½ x 1"	212X1WERI	37.45
2½ x 1¼"	212X114WERI	31.55
2½ x 1½"	212X112WERI	23.48
2½ x 2"	212X2WERI	18.15
3 x 1"	3X1WERI	36.88
3 x 1¼"	3X114WERI	29.18
3 x 1½"	3X112WERI	18.53
3 x 2"	3X2WERI	16.16
3 x 2½"	3X212WERI	15.02
4 x 1¼"	4X114WERI	61.52
4 x 1½"	4X112WERI	42.29
4 x 2"	4X2WERI	23.48
4 x 2½"	4X212WERI	23.48
4 x 3"	4X3WERI	19.20
4 x 3½"	4X312WERI	20.24
5 x 2½"	5X212WERI	74.13
5 x 3"	5X3WERI	48.94
5 x 4"	5X4WERI	35.64
6 x 2"	6X2WERI	104.83
6 x 2½"	6X212WERI	96.94
6 x 3"	6X3WERI	48.75
6 x 4"	6X4WERI	40.39
6 x 5"	6X5WERI	36.11
8 x 4"	8X4WERI	67.95
8 x 5"	8X5WERI	59.88
8 x 6"	8X6WERI	52.84
10 x 6"	100X6WERI	96.47
10 x 8"	100X8WERI	102.36
12 x 6"	120X6WERI	152.54
12 x 8"	120X8WERI	145.70
12 x 10"	120X100WERI	126.88
14 x 12"	140X120WERI	191.03



Eccentric Welding Reducer

SIZE	STOCK NO	EACH
1½ x 1"	112X1WEERI	36.59
2 x 1"	2X1WEERI	29.94
2 x 1¼"	2X114WEERI	29.94
2 x 1½"	2X112WEERI	18.53
2½ x 1¼"	212X114WEERI	45.62
2½ x 1½"	212X112WEERI	25.28
2½ x 2"	212X2WEERI	21.57
3 x 1½"	3X114WEERI	103.59
3 x 1½"	3X112WEERI	28.80
3 x 2"	3X2WEERI	25.28
3 x 2½"	3X212WEERI	23.57
4 x 2½"	4X212WEERI	32.31
4 x 3"	4X3WEERI	30.70
5 x 2½"	5X212WEERI	96.94
5 x 3"	5X3WEERI	62.25
5 x 4"	5X4WEERI	62.25
6 x 2½"	6X212WEERI	170.60
6 x 3"	6X3WEERI	99.32
6 x 4"	6X4WEERI	63.20
6 x 5"	6X5WEERI	45.62
8 x 4"	8X4WEERI	147.31
8 x 6"	8X6WEERI	80.78
10 x 6"	100X6WEERI	185.80
10 x 8"	100X8WEERI	105.97
12 x 8"	120X8WEERI	258.03
12 x 10"	120X100WEERI	164.89



Welding Cap

SIZE	STOCK NO	EACH
¾"	34WECAPI	9.93
1"	1WECAPI	9.93
1¼"	114WECAPI	9.93
1½"	112WECAPI	9.93
2"	2WECAPI	13.49
2½"	212WECAPI	14.01
3"	3WECAPI	14.01
4"	4WECAPI	20.49
5"	5WECAPI	31.78
6"	6WECAPI	35.13
8"	8WECAPI	52.90
10"	100WECAPI	112.91
12"	120WECAPI	152.65
14"	140WECAPI	150.61

Carbon Steel Welding Fittings (04i)

Import • Extra Heavy

Non-Stock in St. Paul

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90° Elbow

SIZE	STOCK NO	EACH
1"	1WEXHLI	11.10
1¼"	114WEXHLI	11.10
1½"	112WEXHLI	11.10
2"	2WEXHLI	11.19
2½"	212WEXHLI	15.70
3"	3WEXHLI	44.84
4"	4WEXHLI	73.33
5"	5WEXHLI	174.57
6"	6WEXHLI	185.33
8"	8WEXHLI	352.73



45° Elbow

SIZE	STOCK NO	EACH
¾"	34WEXH45LI	11.73
2"	2WEXH45LI	11.73
2½"	212WEXH45LI	26.08
3"	3WEXH45LI	15.25
4"	4WEXH45LI	23.73
6"	6WEXH45LI	65.15



Concentric Reducer

SIZE	STOCK NO	EACH
2 x 1"	2X1WEXHRI	20.24
2 x 1½"	2X112WEXHRI	16.16
2½ x 2"	212X2WEXHRI	21.96
3 x 2"	3X2WEXHRI	18.53
3 x 2½"	3X212WEXHRI	18.53
4 x 2"	4X2WEXHRI	31.08
4 x 3"	4X3WEXHRI	23.76
6 x 4"	6X4WEXHRI	57.02



Eccentric Reducer

SIZE	STOCK NO	EACH
2½ x 2"	212X2WEXHERI	30.60
3 x 2"	3X2WEXHERI	25.28
4 x 2"	4X2WEXHERI	54.17
4 x 2½"	4X212WEXHERI	41.15
4 x 3"	4X3WEXHERI	39.44
6 x 4"	6X4WEXHERI	85.54



Cap

SIZE	STOCK NO	EACH
2"	2WEXHCAPI	13.49
2½"	212WEXHCAPI	18.40
3"	3WEXHCAPI	20.49
4"	4WEXHCAPI	27.71



Tee

SIZE	STOCK NO	EACH
2"	2WEXHTI	24.18
2½"	212WEXHTI	40.34
3"	3WEXHTI	37.45
4"	4WEXHTI	60.91
6"	6WEXHTI	116.05

Bolting Patterns for Steel Flanges

CLASS 150
BOLTING PATTERN AND BOLT LENGTHS

Pipe Size	Dia. of Bolt Circle	Dia. of Bolt Hole	No of Bolts	Dia. of Bolts	Machine Bolts .06" Raised Face	Stud Bolts .06" Raised Face
½	2.38	0.62	4	½	2.00	2.50
¾	2.75	0.62	4	½	2.25	2.50
1	3.12	0.62	4	½	2.25	2.75
1¼	3.50	0.62	4	½	2.50	2.75
1½	3.88	0.62	4	½	2.50	3.00
2	4.75	0.75	4	⅝	2.75	3.25
2½	5.50	0.75	4	⅝	3.00	3.50
3	6.00	0.75	4	⅝	3.25	3.75
3½	7.00	0.75	8	⅝	3.25	3.75
4	7.50	0.75	8	⅝	3.25	3.75
5	8.50	0.88	8	¾	3.25	4.00
6	9.50	0.88	8	¾	3.50	4.00
8	11.75	0.88	8	¾	3.75	4.25
10	14.25	1.00	12	⅞	4.00	4.75
12	17.00	1.00	12	⅞	4.25	4.75
14	18.75	1.12	12	1	4.50	5.25
16	21.25	1.12	16	1	4.75	5.50
18	22.75	1.25	16	1⅛	5.00	6.00
20	25.00	1.25	20	1⅛	5.50	6.25
24	29.50	1.38	20	1¼	6.00	7.00

CLASS 300
BOLTING PATTERN AND BOLT LENGTHS

Pipe Size	Dia. of Bolt Circle	Dia. of Bolt Hole	No of Bolts	Dia. of Bolts	Machine Bolts .06" Raised Face	Stud Bolts .06" Raised Face
½	2.62	0.62	4	½	2.25	2.75
¾	3.25	0.75	4	⅝	2.50	3.00
1	3.50	0.75	4	⅝	2.75	3.25
1¼	3.88	0.75	4	⅝	2.75	3.25
1½	4.50	0.88	4	¾	3.00	3.75
2	5.00	0.75	8	⅝	3.00	3.50
2½	5.88	0.88	8	¾	3.50	4.00
3	6.62	0.88	8	¾	3.75	4.25
3½	7.25	0.88	8	¾	3.75	4.50
4	7.88	0.88	8	¾	4.00	4.50
5	9.25	0.88	8	¾	4.25	4.75
6	10.62	0.88	12	¾	4.25	5.00
8	13.00	1.00	12	⅞	4.75	5.50
10	15.25	1.12	16	1	5.50	6.25
12	17.75	1.25	16	1⅛	6.00	6.75
14	20.25	1.25	20	1⅛	6.25	7.00
16	22.50	1.38	20	1¼	6.50	7.50
18	24.75	1.38	24	1¼	6.75	7.75
20	27.00	1.38	24	1¼	7.25	8.25
24	32.00	1.62	24	1½	8.00	9.25

Steel Flanges (04i)

Import

Non-Stock in St. Paul

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Slip-on Flange

Nominal Pipe

SIZE	STOCK NO	EACH
Raised Face, Class 150		
1¼"	114WESOFI	29.32
1½"	112WESOFI	29.32
2"	2WESOFI	24.27
2½"	212WESOFI	42.33
3"	3WESOFI	34.96
3½"	312WESOFI	42.92
4"	4WESOFI	42.92
5"	5WESOFI	73.55
6"	6WESOFI	67.53
8"	8WESOFI	101.76
10"	100WESOFI	177.63
12"	120WESOFI	263.24
16"	160WESOFI	453.92
Flat Face, Class 150		
1"	1WESOFFI	29.32
1½"	112WESOFFI	29.32
2"	2WESOFFI	24.27
3"	3WESOFFI	34.96
4"	4WESOFFI	42.92
5"	5WESOFFI	73.55
6"	6WESOFFI	67.53
8"	8WESOFFI	101.76
10"	100WESOFFI	177.63
12"	120WESOFFI	263.24
Raised Face, Class 300		
1¼"	114WE300SOFI	39.37
1½"	112WE300SOFI	39.37
2"	2WE300SOFI	38.37
2½"	212WE300SOFI	43.26
3"	3WE300SOFI	47.40
4"	4WE300SOFI	67.91
6"	6WE300SOFI	120.01
8"	8WE300SOFI	201.08

Socket Weld Flange

SIZE	STOCK NO	EACH
Standard Bore, Class 150		
¾"	34WESWFI	38.53
1"	1WESWFI	38.53

(02)

Reducing Slip-on Flange

SIZE	STOCK NO	EACH
Raised Face, Class 150		
2 x 7"	2X7WESOFI	121.21
2 x 7½"	2X712WESOFI	91.87
2½ x 7½"	212X712WESOFI	91.87
2½ x 9"	212X9WESOFI	98.42
3 x 9"	3X9WESOFI	98.42
3 x 11"	3X11WESOFI	267.26
4 x 10"	4X10WESOFI	199.62
4 x 11"	4X11WESOFI	267.26
4 x 13½"	4X1312WESOFI	335.87
5 x 11"	5X11WESOFI	267.26
6 x 13½"	6X1312WESOFI	335.87
Flat Face, Class 150		
4 x 3"	4X3WESOFFI	98.42

Screwed Flange

Nominal Pipe

SIZE	STOCK NO	EACH
Raised Face, Class 150		
1"	1WESCFI	43.87
1¼"	114WESCFI	43.87
1½"	112WESCFI	43.87
2"	2WESCFI	36.30
2½"	212WESCFI	59.82
3"	3WESCFI	44.77
4"	4WESCFI	52.29
Flat Face, Class 150		
2"	2WESCFFI	36.30
4"	4WESCFFI	52.29
Raised Face, Class 300		
¾"	34WE300SCFI	48.79
1"	1WE300SCFI	48.79
1½"	112WE300SCFI	48.79
2"	2WE300SCFI	42.51
2½"	212WE300SCFI	78.44
3"	3WE300SCFI	62.83
4"	4WE300SCFI	89.72

Blind Flange

Nominal Pipe

SIZE	STOCK NO	EACH
Raised Face, Class 150		
1½"	112WEBLFI	35.26
2"	2WEBLFI	28.97
2½"	212WEBLFI	47.03
3"	3WEBLFI	37.03
4"	4WEBLFI	52.04
5"	5WEBLFI	67.91
6"	6WEBLFI	79.21
8"	8WEBLFI	128.85
10"	100WEBLFI	247.92
12"	120WEBLFI	373.75
18"	180WEBLFI	1064.27
Flat Face, Class 150		
1½"	112WEBLFFI	35.26
3"	3WEBLFFI	37.03
4"	4WEBLFFI	52.04
5"	5WEBLFFI	67.91
6"	6WEBLFFI	79.21
8"	8WEBLFFI	128.85
Raised Face, Class 300		
1½"	112WE300BLFI	45.71
2"	2WE300BLFI	37.81
2½"	212WE300BLFI	67.53
3"	3WE300BLFI	53.79
4"	4WE300BLFI	82.57
6"	6WE300BLFI	149.35
10"	100WE300BLFI	461.60
12"	120WE300BLFI	667.38

Weld Neck Flange

SIZE	STOCK NO	EACH
Raised Face, Class 150, Standard Bore		
1"	1WEWNFI	42.03
1½"	112WEWNFI	42.03
2"	2WEWNFI	36.30
2½"	212WEWNFI	39.50
3"	3WEWNFI	45.20
4"	4WEWNFI	54.35
5"	5WEWNFI	83.41
6"	6WEWNFI	79.21
8"	8WEWNFI	139.65
10"	100WEWNFI	224.39
12"	120WEWNFI	326.40
14"	140WEWNFI	430.92
16"	160WEWNFI	584.16
18"	180WEWNFI	825.68
20"	200WEWNFI	1004.46
Raised Face, Class 150, Extra Strong Bore		
1½"	112WEWNFXI	42.03
2"	2WEWNFXI	36.30
2½"	212WEWNFXI	39.50
3"	3WEWNFXI	45.20
4"	4WEWNFXI	54.35
6"	6WEWNFXI	79.21
Flat Face, Class 150		
2"	2WEWNFFI	36.30
3"	3WEWNFFI	45.20
4"	4WEWNFFI	54.35
5"	5WEWNFFI	83.41
6"	6WEWNFFI	79.21
8"	8WEWNFFI	139.65
10"	100WEWNFFI	224.39
Flat Face, Class 300		
8"	8WE300WNFFI	240.77
Raised Face, Class 300, Extra Strong Bore		
1¼"	114WE300WNFXI	51.66
1½"	112WE300WNFXI	51.66
2"	2WE300WNFXI	47.78
3"	3WE300WNFXI	54.55
Raised Face, Class 300, Standard Bore		
2"	2WE300WNFI	47.78
2½"	212WE300WNFI	54.55
3"	3WE300WNFI	54.55
4"	4WE300WNFI	89.72
5"	5WE300WNFI	139.57
6"	6WE300WNFI	139.76
8"	8WE300WNFI	240.77

(04)

Carbon Steel Lap Joint Flange

Used with SS stub ends

SIZE	STOCK NO	EACH
1"	1WELJFI	30.74
1¼"	114WELJFI	30.74
1½"	112WELJFI	30.74
2"	2WELJFI	25.58
3"	3WELJFI	35.32
4"	4WELJFI	42.89
6"	6WELJFI	71.48

Steel Flange Accessories

(14b)

Hex Head Cap Screw

Zinz-Plated

SIZE	STOCK NO	EACH
¼" Diameter		
1"	14X1CASC	.08
5/16" Diameter		
1"	516X1CASC	.13
2"	516X2CASC	.13
⅜" Diameter		
¾"	38X34CASC	.16
1"	38X1CASC	.21
1¼"	38X114CASC	.25
1½"	38X112CASC	.24
2"	38X2CASC	.28
3"	38X3CASC	.48
½" Diameter		
1"	12X1CASC	.42
1½"	12X112CASC	.45
2"	12X2CASC	.47
2¼"	12X214CASC	.79
2½"	12X212CASC	.64
3"	12X3CASC	1.00
⅝" Diameter		
1¼"	58X114CASC	1.57
1½"	58X112CASC	.86
1¾"	58X134CASC	1.08
2"	58X2CASC	1.04
2¼"	58X214CASC	1.30
2½"	58X212CASC	1.53
2¾"	58X234CASC	1.28
3"	58X3CASC	1.60
3¼"	58X314CASC	1.05
3½"	58X312CASC	1.60
4"	58X4CASC	1.97
4½"	58X412CASC	1.47
5"	58X5CASC	3.14
¾" Diameter		
2"	34X2CASC	1.65
2¼"	34X214CASC	2.03
2½"	34X212CASC	1.78
2¾"	34X234CASC	3.24
3"	34X3CASC	1.38
3¼"	34X314CASC	2.89
3½"	34X312CASC	2.50
3¾"	34X334CASC	1.91
4"	34X4CASC	3.54
4½"	34X412CASC	3.53
5½"	34X512CASC	5.48
⅞" Diameter		
2¼"	78X214CASC	4.32
2¾"	78X234CASC	3.76
3"	78X3CASC	3.73
3¾"	78X334CASC	4.00
4"	78X4CASC	4.24
4½"	78X412CASC	11.70
5"	78X5CASC	6.17
1" Diameter		
4½"	1X412CASC	6.53
5"	1X5CASC	8.03
1⅛" Diameter		
5½"	118X512CASC	11.02

(14b)

Stainless Steel Heavy Hex Nut

SIZE	STOCK NO	EACH
⅜"	38SSHENU	.31
½"	12SSHENU	.78
⅝"	58SSHENU	1.18

Stainless Steel Washer

SIZE	STOCK NO	EACH
⅜"	38SSWA	.08
½"	12SSWA	.17
⅝"	58SSWA	.34

Zinc Plated Fender Washers

SIZE, DESCRIPTION	STOCK NO	EACH
¼"x 1½"	14FEWA	.16
⅜"x 1½"	38FEWA	.13

(14b)

Cap Nut

⅜" OD • Stainless Steel

FINISH	STOCK NO	EACH
Chrome	38CANU	.45

(14b)

Hex Nuts only for Cap Screws

SIZE	STOCK NO	EACH
Heavy Zinc-Plated		
¼"	14GAHENU	.05
⅜"	38GAHENU	.13
½"	12GAHENU	.27
⅝"	58GAHENU	.49
¾"	34GAHENU	.80
⅞"	78GAHENU	1.34
1"	1GAHENU	2.96
1⅛"	118GAHENU	2.20

(14b)

Wrot Washer

SIZE	STOCK NO	EACH
Zinc		
¼"	14GAWA	.03
⅜"	38GAWA	.06
½"	12GAWA	.15
⅝"	58GAWA	.27
¾"	34GAWA	.37
⅞"	78GAWA	.61
1"	1GAWA	.67

(14b)

Zinc Hex Nut

SIZE	STOCK NO	EACH
⅜"	38GR5NU	.06

See Page 1407 for Flange Bolting for Butterfly Valves

(14b)

B/7 Stud Boltswith 2 Hex Nuts

SIZE	STOCK NO	EACH
½" Diameter		
2½"	12X212STBO	3.08
3"	12X3STBO	3.25
⅝" Diameter		
3"	58X3STBO	4.01
3½"	58X312STBO	3.84
3¾"	58X334STBO	3.94
4"	58X4STBO	4.04
5"	58X5STBO	4.41
¾" Diameter		
3½"	34X312STBO	5.01
4"	34X4STBO	5.28
4¼"	34X414STBO	5.42
4½"	34X412STBO	6.63
5"	34X5STBO	5.83
5½"	34X512STBO	6.54
5¾"	34X534STBO	6.24
⅞" Diameter		
5½"	78X512STBO	8.34

(02)

Bolt Packs

150# 1/16" non-asbestos ring gasket with hex head cap screws and hex nuts.

NOM PIPE SIZE	BOLT SIZE	STOCK NO	EACH
2"	⅝ x 2¾"	2BOPA	8.71
2½"	⅝ x 3"	212BOPA	8.97
3"	⅝ x 3"	3BOPA	9.33
4"	⅝ x 3"	4BOPA	17.35
5"	¾ x 3¼"	5BOPA	28.82
6"	¾ x 3¼"	6BOPA	29.10
8"	¾ x 3½"	8BOPA	29.80
10"	⅞ x 3¾"	100BOPA	89.72
12"	⅞ x 4"	120BOPA	92.34

Flange Gaskets and Packing

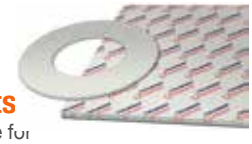
(02)

Standard Non-Asbestos Gasketing

Light green with Nitrile binder
Maximum continuous operating temp. 400° F.
Suitable for water, hydrocarbons, oil, gasoline, 150 psi steam

PIPE SIZE	STOCK NO	EACH
150 # 1/16" Thick Ring Gaskets		
1"	1RIGA	.55
1¼"	114RIGA	.64
1½"	112RIGA	.75
2"	2RIGA	1.17
2½"	212RIGA	1.47
3"	3RIGA	1.72
4"	4RIGA	2.57
5"	5RIGA	3.34
6"	6RIGA	3.30
8"	8RIGA	4.99
10"	100RIGA	6.95
12"	120RIGA	10.23
14"	140RIGA	12.17
16"	160RIGA	14.78
18"	18RIGA	18.04
150 # 1/16" Thick Full Face Gaskets		
1"	1FLGA	1.06
1¼"	114FLGA	1.21
1½"	112FLGA	1.39
2"	2FLGA	2.05
2½"	212FLGA	2.64
3"	3FLGA	2.99
4"	4FLGA	4.14
5"	5FLGA	5.19
6"	6FLGA	5.37
8"	8FLGA	7.85
300 # 1/16" Thick Ring Gaskets		
1¼"	114XHRIGA	.70
1½"	112XHRIGA	.88
2"	2XHRIGA	1.25
2½"	212XHRIGA	1.58
3"	3XHRIGA	1.89
4"	4XHRIGA	2.73
5"	5XHRIGA	3.92
6"	6XHRIGA	4.29
8"	8XHRIGA	6.20
60x60" Sheet		
1/16"	116GRSHPA	155.14

Klinger® Quantum Gaskets



This material is suitable for use in oils, water, steam, gases, salt solutions, fuels, alcohols, weak organic and inorganic acids, hydrocarbons, lubricants and refrigerants. Klinger® Quantum is manufactured with a high-quality fiber and filler compound reinforced with a high temperature resistant HNBR matrix.

150# 1/16" • Meets NSF 61 Specifications

SIZE	STOCK NO	EACH
½"	12QRIGA	1.87
¾"	34QRIGA	2.57
1"	1QRIGA	3.41
1½"	112QRIGA	5.46
2"	2QRIGA	8.16
3"	3QRIGA	13.53
4"	4QRIGA	21.82
6"	6QRIGA	27.50
8"	8QRIGA	42.39

(02)

Black EPDM Gaskets

Maximum Temperature 275°F

SIZE	STOCK NO	EACH
150 # 1/8" Thick Full Face Gaskets		
¾"	3418FLGA	2.13
1"	118FLGA	2.46
1¼"	11418FLGA	2.84
1½"	11218FLGA	3.26
2"	218FLGA	4.80
2½"	21218FLGA	6.25
3"	318FLGA	7.06
4"	418FLGA	9.86
5"	518FLGA	12.36
6"	618FLGA	12.78
8"	818FLGA	18.33
Hand-Hole Gaskets		
2½ x 3½ x ½"	212X312X12HHGA	10.80
3 x 4 x ½"	3X4X12HHGA	12.34
3 x 4½ x ½"	3X412X12HHGA	12.34
3½ x 4½ x ½"	312X412X12HHGA	13.90
3½ x 4½ x 5/8"	312X412X58HHGA	13.90
4 x 6 x 5/8"	4X6X58HHGA	15.44
4 x 6 x ¾"	4X6X34HHGA	16.98
Man-Hole Gaskets		
10 x 14 x 1¼"	10X14X114MHGA	92.40
10 x 15 x 1¼"	10X15X114MHGA	92.40
11 x 15 x 1"	11X15X1MHGA	66.81
11 x 15 x 1¼"	11X15X114MHGA	61.75

(02)

Bolt Packs

150# 1/16" non-asbestos ring gasket with hex head cap screws and hex nuts.

NOM PIPE SIZE	BOLT SIZE	STOCK NO	EACH
2"	5/8 x 2¾"	2BOPA	8.71
2½"	5/8 x 3"	212BOPA	8.97
3"	5/8 x 3"	3BOPA	9.33
4"	5/8 x 3"	4BOPA	17.35
5"	¾ x 3¼"	5BOPA	28.82
6"	¾ x 3¼"	6BOPA	29.10
8"	¾ x 3½"	8BOPA	29.80
10"	⅞ x 3¾"	100BOPA	89.72
12"	⅞ x 4"	120BOPA	92.34

(02)

Red Rubber Gasketing

Maximum temperature 180°F.

PIPE SIZE	STOCK NO	EACH
150 # 1/16" Thick Ring Gaskets		
2"	2RRRIGA	1.06
2½"	212RRRIGA	1.34
3"	3RRRIGA	1.56
4"	4RRRIGA	2.31
6"	6RRRIGA	2.99
8"	8RRRIGA	4.31
150 # 1/16" Thick Full Face Gaskets		
2"	2RRFLGA	1.85
2½"	212RRFLGA	2.38
3"	3RRFLGA	2.66
4"	4RRFLGA	3.70
5"	5RRFLGA	4.64
6"	6RRFLGA	4.80
8"	8RRFLGA	6.82

36" Wide Sheets

Priced per running foot.

THICKNESS	APPROX ROLL LENGTH	STOCK NO	FT
1/16"	59'	116RUSHPA	8.12
3/32"	39'	332RUSHPA	15.53
1/8"	30'	18RUSHPA	16.28
3/16"	19'	316RUSHPA	24.44
¼"	14'	14RUSHPA	32.56

Rolls are approximately 100 lb.

Neoprene/Nitrile Blend Gaskets

Max. operating Temp. 190°F
Primary application: PVC or CPVC flanges

150# 1/8" thick full face

SIZE	STOCK NO	EACH
2"	2PVFLGA	3.23
2½"	212PVFLGA	4.16
3"	3PVFLGA	4.69
4"	4PVFLGA	6.46
6"	6PVFLGA	8.41

(02)

Dielectric Insulation Kit for 150# Flanges

Full face neoprene-faced phenolic gaskets with mylar sleeves and phenolic washers.

Maximum continuous working temp. 175°F.

SIZE	STOCK NO	PRICE
2½"	212INKI	87.27
3"	3INKI	90.02
4"	4INKI	161.06
6"	6INKI	209.88

Flange Gaskets & Packing

(02)

Spiral Wound Metallic Ring Gaskets

Type RW

Carbon steel outer ring, T304 stainless steel windings with mica graphite filler, no inner ring. Maximum temperature 500°F.

PIPE SIZE	STOCK NO	EACH
150#		
1"	1SPFLGA	3.59
1½"	112SPFLGA	4.14
2"	2SPFLGA	4.29
2½"	212SPFLGA	4.88
3"	3SPFLGA	5.74
4"	4SPFLGA	7.81
5"	5SPFLGA	10.12
6"	6SPFLGA	11.62
8"	8SPFLGA	14.89
10"	10SPFLGA	18.46
12"	12SPFLGA	27.24
300#		
1"	1300SPFLGA	3.63
1¼"	114300SPFLGA	3.96
1½"	112300SPFLGA	4.31
2"	2300SPFLGA	4.66
2½"	212300SPFLGA	5.10
3"	3300SPFLGA	6.05
4"	4300SPFLGA	8.05
5"	5300SPFLGA	10.45
6"	6300SPFLGA	11.90
8"	8300SPFLGA	16.28



(02)

Spiral Wound Gaskets

Style CGI – Flexible Graphite Filler

Spiral Wound Gasket Style CG with internal ring for an additional compression limiting stop, with Flexible Graphite filler material. Maximum temperature 842°F.

PIPE SIZE	STOCK NO	EACH
150#		
1½"	112SPFLGACGI	6.29
2"	2SPFLGACGI	7.17
2½"	212SPFLGACGI	8.69
3"	3SPFLGACGI	9.31
4"	4SPFLGACGI	12.32
5"	5SPFLGACGI	17.20
6"	6SPFLGACGI	18.22
8"	8SPFLGACGI	29.44
10"	10SPFLGACGI	39.01
12"	12SPFLGACGI	45.56
300#		
1½"	112300SPFLGACGI	6.86
2"	2300SPFLGACGI	7.26
2½"	212300SPFLGACGI	8.78
3"	3300SPFLGACGI	9.79
4"	4300SPFLGACGI	12.50
6"	6300SPFLGACGI	18.88
8"	8300SPFLGACGI	27.43
10"	10300SPFLGACGI	37.05
12"	12300SPFLGACGI	46.82

(02)

Braided Non-Asbestos Packing in 1 Pound Spools

Packmaster # 1

- Combination of resilient non-asbestos fibers and PTFE impregnation offers a non-contaminating, general service, clean, reliable packing.
- Typical applications are rotary, centrifugal, or reciprocating pumps, and valve stems for such services as mild acids and alkalis, air and dry industrial gases, petroleum and synthetic oils, aromatic and aliphatic solvents, and steam
- Max. temp. 500°F
- pH 4-10
- Shaft speed 1500 FPM
- Pressure 300 psi (rotary/centrifugal)
- Lattice braid contruction.

SIZE	STOCK NO	EACH
3/8"	38PM1	71.50

Packmaster # 2

- A combination of petroleum lubricants and graphite permeates the non-asbestos yarns to produces packing suited for services in hot and cold water, alcohol, very mild acids and alkalis, and steam.
- Typical services are rotary, centrifugal and reciprocating pumps, low pressure valves, and gasketing applications or other non-critical static sealing services.
- Max. temp. 500°F
- pH 4-10
- Shaft speed 1500 FPM
- Pressure 300 psi (rotary/centrifugal)
- Lattice braid contruction.

SIZE	STOCK NO	EACH
1/4"	14PM2	71.50
5/16"	516PM2	71.50
3/8"	38PM2	71.50
7/16"	716PM2	71.50
1/2"	12PM2	71.50

Packmaster #3

- Soft and resilient non-asbestos packing saturated with petrolatum and graphite to offer added sealability. Suitable for older equipment with worn bearings or scored shafts.
- Commonly used for distillation units, cooling water systems, diesel and lubricating oils where low to medium pressures are encountered, Can also be used for hot and cold water, very mild acids and alkalis, and steam for low pressure valves, rotary, centrifugal and reciprocating pumps, and low pressure static seals. Max. temp. 500°F
- pH 4-10
- Shaft speed 1000 FPM
- Pressure 200 psi (rotary/centrifugal)
- Square braid contruction.

SIZE	STOCK NO	EACH
1/8"	18PM3	71.50



(02)

Sealex® PTFE (Teflon) Gasketing

for Making up Flange Gaskets on the Job

Temps to 500°F

Cut slightly longer than desired circumference and cross ends next to a bolt hole.

Recommended sizes for 150# flanges:

1/4" . . . . . 1½ - 3"
3/8" . . . . . 4-10"
1/2" . . . . . 12"
5/8" . . . . . 14" or larger.

SIZE	STOCK NO	EACH
3/8" x 25'	38X25TJS	157.08

(02)

Packing Hooks

Use in pairs for easier removal of packing.

SIZE	STOCK NO	EACH
6 x 1/4"	1PAHO	20.90



(02)

Style 9850 High Temp Gaskets

Composed of carbon fibers with a nitrile binder. Suitable for water, hydrocarbons, oil, gasoline, steam & most refrigerants, max pressure 2000 psi

Maximum continuous operating temp. 650° F.

PIPE SIZE	STOCK NO	EACH
150 # 1/16" Thick Ring Gaskets		
3/4"	34GARRIGA	2.05
1"	1GARRIGA	2.68
1¼"	114GARRIGA	3.45
1½"	112GARRIGA	4.31
2"	2GARRIGA	6.47
2½"	212GARRIGA	8.89
3"	3GARRIGA	10.74
3½"	312GARRIGA	14.94
4"	4GARRIGA	17.34
5"	5GARRIGA	22.11
6"	6GARRIGA	21.85
150 # 1/16" Thick Full Face Gaskets		
3/4"	34GARFLGA	5.61
1"	1GARFLGA	6.71
1¼"	114GARFLGA	7.90
1½"	112GARFLGA	9.20
2"	2GARFLGA	13.29
2½"	212GARFLGA	17.95
3"	3GARFLGA	20.55
3½"	312GARFLGA	26.29
4"	4GARFLGA	29.44
5"	5GARFLGA	36.43
6"	6GARFLGA	37.77
300 # 1/16" Thick Ring Gaskets		
3/4"	34XHGARRIGA	2.68
1"	1XHGARRIGA	3.19
1¼"	114XHGARRIGA	4.00
1½"	112XHGARRIGA	5.26
2"	2XHGARRIGA	7.24
2½"	212XHGARRIGA	9.79
3"	3XHGARRIGA	12.76
3½"	312XHGARRIGA	15.53
4"	4XHGARRIGA	18.59
5"	5XHGARRIGA	26.47
6"	6XHGARRIGA	29.35
300 # 1/16" Thick Full Face Gaskets		
3/4"	34XHGARFLGA	7.02
1"	1XHGARFLGA	8.38
1¼"	114XHGARFLGA	9.86
1½"	112XHGARFLGA	11.48
2"	2XHGARFLGA	16.61
2½"	212XHGARFLGA	22.44
3"	3XHGARFLGA	25.70
3½"	312XHGARFLGA	32.87
4"	4XHGARFLGA	36.81
5"	5XHGARFLGA	45.54
6"	6XHGARFLGA	47.21



PAINTED

No. 10 90° Grooved Elbows

SIZE	STOCK NO	EACH
2"	2V10	162.50
2½"	212V10	162.50
3"	3V10	283.33
4"	4V10	307.92
5"	5V10	727.92
6"	6V10	855.42
8"	8V10	1774.58
10"	10V10	3279.58
Quickvic™ Fittings		
2"	2QV10	75.56
2½"	212QV10	88.15
3"	3QV10	137.78
4"	4QV10	168.89
5"	5QV10	217.78
6"	6QV10	262.96
8"	8QV10	396.30

No. 10 90° Grooved Elbows

GALVANIZED

SIZE	STOCK NO	EACH
2"	2V10G	213.33
2½"	212V10G	213.33
3"	3V10G	353.33
4"	4V10G	430.00
5"	5V10G	940.00
6"	6V10G	1130.00
8"	8V10G	2335.41



PAINTED

No. 11 45° Grooved Elbows

SIZE	STOCK NO	EACH
2"	2V11	162.50
2½"	212V11	162.50
3"	3V11	283.33
4"	4V11	307.92
5"	5V11	727.92
6"	6V11	855.42
8"	8V11	1774.58
10"	10V11	2128.33
Quickvic™ Fittings		
2"	2QV11	75.56
2½"	212QV11	88.15
3"	3QV11	137.78
4"	4QV11	168.89
5"	5QV11	217.78
6"	6QV11	262.96
8"	8QV11	267.41

No. 11 45° Grooved Elbows

GALVANIZED

SIZE	STOCK NO	EACH
2½"	212V11G	204.58
3"	3V11G	333.33
4"	4V11G	397.50
5"	5V11G	902.08
6"	6V11G	1078.33
8"	8V11G	2224.16

No. 12 22½° Grooved Elbow

PAINTED

SIZE	STOCK NO	EACH
3"	3V12	252.92
4"	4V12	332.50
6"	6V12	922.92



PAINTED

No. 13 11¼° Grooved Elbow

SIZE	STOCK NO	EACH
3"	3V13	252.92
4"	4V13	307.92
6"	6V13	922.92



(07)

CTS Flange

Grooved

SIZE	STOCK NO	EACH
2½"	BSRG025	89.93
3"	BSRG003	107.92
4"	BSRG004	163.41
5"	BSRG005	203.70
6"	BSRG006	237.30
8"	BSRG008	267.96

Victaulic®



PAINTED

No. 20 Grooved Tee

SIZE	STOCK NO	EACH
2"	2V20	249.17
2½"	212V20	249.17
3"	3V20	340.00
4"	4V20	516.25
5"	5V20	1196.67
6"	6V20	1380.00
8"	8V20	3017.91
10"	10V20	3922.50
Quickvic™ Fittings		
2"	2QV20	117.78
2½"	212QV20	130.37
3"	3QV20	165.19
4"	4QV20	282.96
5"	5QV20	355.57
6"	6QV20	423.70
8"	8QV20	479.26

No. 20 Grooved Tee

GALVANIZED

SIZE	STOCK NO	EACH
2½"	212V20G	323.75
3"	3V20G	465.00
4"	4V20G	699.17
5"	5V20G	1517.08
6"	6V20G	1881.66
8"	8V20G	3958.75



PAINTED

No. 25 Reducing Tees

SIZE	STOCK NO	EACH
2½ x 2"	212X2V25	521.67
3 x 1½"	3X112V25	460.42
3 x 2"	3X2V25	460.42
3 x 2½"	3X212V25	460.42
4 x 2"	4X2V25	620.00
4 x 2½"	4X212V25	620.00
4 x 3"	4X3V25	620.00
5 x 2½"	5X212V25	1218.75
5 x 3"	5X3V25	1218.75
5 x 4"	5X4V25	1318.75
6 x 2½"	6X212V25	1451.25
6 x 3"	6X3V25	1451.25
6 x 4"	6X4V25	1451.25
6 x 5"	6X5V25	1451.25
8 x 4"	8X4V25	3017.91
8 x 5"	8X5V25	3017.91
8 x 6"	8X6V25	3017.91
10 x 8"	10X8V25	3361.66

No. 25 Reducing Tees

GALVANIZED

SIZE	STOCK NO	EACH
3 x 2½"	3X212V25G	592.92
4 x 2"	4X2V25G	810.42
4 x 2½"	4X212V25G	810.42
4 x 3"	4X3V25G	810.42
5 x 3"	5X3V25G	1533.33
5 x 4"	5X4V25G	1665.83
6 x 2½"	6X212V25G	1905.00
6 x 3"	6X3V25G	1905.00
6 x 4"	6X4V25G	1905.00
8 x 6"	8X6V25G	3942.08

Steam Rated



No. 870 Rigid Coupling

- For use on schedules 40 and 80 carbon steel pipe
- Saturated steam systems up to 150 psi/1034 kPa/10 bar
- -20°F to +366°F
- Spring-energized PTFE composite seal
- Designed in accordance with ASME B31.1, ASME B31.3 & ASME B31.9

SIZE	STOCK NO	EACH
2"	2V870	1052.59
2½"	212V870	1268.89
3"	3V870	1331.85
4"	4V870	1556.29



OGS-200 90° Grooved Elbows

- For use on schedules 40 and 80 carbon steel pipe
- Designed in accordance with ASME B31.1, ASME B31.3 & ASME B31.9

SIZE	STOCK NO	EACH
2"	2V890	331.11
2½"	212V890	469.63
3"	3V890	671.85
4"	4V890	1233.33



OGS-200 45° Grooved Elbows

- For use on schedules 40 and 80 carbon steel pipe
- Designed in accordance with ASME B31.1, ASME B31.3 & ASME B31.9

SIZE	STOCK NO	EACH
2"	2V811	260.74
2½"	212V811	344.44
3"	3V811	473.33
4"	4V811	826.67



OGS-200 Grooved Tees

- For use on schedules 40 and 80 carbon steel pipe
- Designed in accordance with ASME B31.1, ASME B31.3 & ASME B31.9

SIZE	STOCK NO	EACH
2"	2V820	530.37
2½"	212V820	797.78
3"	3V820	1115.55
4"	4V820	1997.78



No. 60 Cap

PAINTED

SIZE	STOCK NO	EACH
2"	2V60	138.75
2½"	212V60	138.75
3"	3V60	138.75
4"	4V60	148.33
5"	5V60	340.00
6"	6V60	339.58
8"	8V60	644.58
10"	10V60	1123.75

No. 60 Cap

GALVANIZED

SIZE	STOCK NO	EACH
2"	2V60G	163.33
2½"	212V60G	163.33
3"	3V60G	163.33
4"	4V60G	193.33
5"	5V60G	454.58
6"	6V60G	454.58
8"	8V60G	851.67

No. 741 Flange

GALVANIZED

NOM. SIZE	PIPE O.D.	STOCK NO	EACH
2½"	2.875	212V741G	805.83
3"	3.500	3V741G	871.25
4"	4.500	4V741G	1165.42
5"	5.563	5V741G	1349.58
6"	6.625	6V741G	1479.17
8"		8V741G	1721.25



No. 741-E Flange

With E-Gasket

NOM. SIZE	PIPE O.D.	STOCK NO	EACH
2"	2.375	2V741E	527.92
2½"	2.875	212V741E	654.17
3"	3.500	3V741E	706.25
4"	4.500	4V741E	940.42
5"	5.563	5V741E	1092.08
6"	6.625	6V741E	1190.42
8"		8V741E	1344.17

Flange Metal Washer

For 741 Series Flange

SIZE	STOCK NO	EACH
2½"	212FLMEWA	31.75
3"	3FLMEWA	37.71
4"	4FLMEWA	40.16
5"	5FLMEWA	46.98
6"	6FLMEWA	54.63
8"	8FLMEWA	67.88

PAINTED



No. 177 Quickvic™ Flexible Coupling
With EHP Gasket

NOM. SIZE	PIPE O.D.	STOCK NO	EACH
2"	2.375	2V177	138.75
2½"	2.875	212V177	161.25
3"	3.500	3V177	176.67
4"	4.500	4V177	255.42
5"	5.563	5V177	406.67
6"	6.625	6V177	452.08
8"	8.625	8V177	775.83

PAINTED



No. 75 Flexible Coupling
With E Gasket

NOM. SIZE	PIPE O.D.	STOCK NO	EACH
2"	2.375	2V75	166.50
2½"	2.875	212V75	193.50
3"	3.500	3V75	212.00
4"	4.500	4V75	306.50
5"	5.563	5V75	460.00
6"	6.625	6V75	542.50
8"	8.625	8V75	878.00

E Gaskets ONLY

SIZE	STOCK NO	EACH
For 07/75/77 Series		
2"	2VGAS07E	92.50
2½"	212VGAS07E	107.00
3"	3VGAS07E	113.50
4"	4VGAS07E	142.00
5"	5VGAS07E	182.00
6"	6VGAS07E	195.00
8"	8VGAS07E	264.50
For 107/177 Series		
2"	2VGAS107E	108.75
2½"	212VGAS107E	118.33
3"	3VGAS107E	132.50
4"	4VGAS107E	176.67
5"	5VGAS107E	264.58
6"	6VGAS107E	294.17
8"	8VGAS107E	354.17
For 741 Series		
2"	2VGAS741E	63.33
2½"	212VGAS741E	72.92
3"	3VGAS741E	78.75
4"	4VGAS741E	100.00
5"	5VGAS741E	119.58
6"	6VGAS741E	132.50
8"	8VGAS741E	176.67

T Grade Gaskets ONLY
Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. (-20°F to 150°F)

For 107/177 Series

SIZE	STOCK NO	EACH
2½"	212VGAS107T	120.00
3"	3VGAS107T	132.50
4"	4VGAS107T	176.67
5"	5VGAS107T	264.58
6"	6VGAS107T	294.17



PAINTED

Quickvic™ Rigid Coupling

SIZE	STOCK NO	EACH
No. 107V with EHP Gasket		
2"	2V107V	138.33
2½"	212V107V	157.08
3"	3V107V	181.25
4"	4V107V	250.83
5"	5V107V	322.50
6"	6V107V	421.25
8"	8V107V	665.42
10"	10V107V	1285.83

No. 107 Quickvic™ Rigid Coupling
GALVANIZED

With EHP Gasket

NOM. SIZE	PIPE O.D.	STOCK NO	EACH
2"	2.375	2V107EG	174.17
2½"	2.875	212V107EG	197.50
3"	3.500	3V107EG	230.00
4"	4.500	4V107EG	322.50
5"	5.563	5V107EG	419.17
6"	6.625	6V107EG	547.92
8"	8.625	8V107EG	863.75



PAINTED

No. 99 Roust A Bout Coupling
With E Gasket

SIZE	STOCK NO	EACH
2"	2V99	603.70
2½"	212V99	603.70
3"	3V99	879.26
4"	4V99	1016.30
5"	5V99	1437.04
6"	6V99	1756.29
8"	8V99	3091.85
10"	10V99	4011.11
12"	12V99	5032.59

PAINTED



No. 750 Reducing Coupling
With E Gasket

SIZE	STOCK NO	EACH
2½ x2"	212X2V750	282.50
3x2"	3X2V750	319.50
3x2½"	3X212V750	278.50
4x2"	4X2V750	503.00
4x2½"	4X212V750	451.50
4x3"	4X3V750	424.00
5x4"	5X4V750	566.50
6x4"	6X4V750	851.00
6x5"	6X5V750	747.50



PAINTED

No. 50 GxG Grooved Concentric Reducer

SIZE	STOCK NO	EACH
2½ x 2"	212X2V50	189.17
3x2"	3X2V50	167.92
3x2½"	3X212V50	227.08
4x2"	4X2V50	222.50
4x2½"	4X212V50	273.33
4x3"	4X3V50	273.33
5x2½"	5X212V50	551.25
5x3"	5X3V50	315.42
5x4"	5X4V50	375.42
6x3"	6X3V50	495.00
6x4"	6X4V50	435.00
6x5"	6X5V50	637.92
8x4'.	8X4V50	878.75
8x5"	8X5V50	878.75
8x6"	8X6V50	1113.75
10x8"	10X8V50	2183.75

No. 50 GxG Grooved Concentric Reducer
GALVANIZED

SIZE	STOCK NO	EACH
2½ x 2"	212X2V50G	222.50
3x2½"	3X212V50G	273.33
4x2½"	4X212V50G	331.25
4x3"	4X3V50G	331.25
5x4"	5X4V50G	467.50
6x4"	6X4V50G	560.00
6x5"	6X5V50G	789.58
8x6"	8X6V50G	1394.58

No. 52 Grooved x MIP Concentric Reducer
PAINTED

SIZE	STOCK NO	EACH
2½ x2"	212X2V52	197.50
3x2"	3X2V52	241.25
3x2½"	3X212V52	290.42
4x2"	4X2V52	292.08
4x3"	4X3V52	357.50

No. 52 Grooved x MIP Concentric Reducer
GALVANIZED

SIZE	STOCK NO	EACH
2½ x2"	212X2V52G	241.25
3x2"	3X2V52G	287.92
3x2½"	3X212V52G	340.00
4x2"	4X2V52G	347.92
4x3"	4X3V52G	420.83



PAINTED

No. 51 Grooved Eccentric Reducer

SIZE	STOCK NO	EACH
3x2"	3X2V51	445.00
3x2½"	3X212V51	445.00
4x2½"	4X212V51	541.25
4x3"	4X3V51	541.25
5x3"	5X3V51	2438.75
5x4"	5X4V51	732.50
6x3"	6X3V51	971.67
6x4"	6X4V51	852.50
6x5"	6X5V51	1021.67
8x4"	8X4V51	4255.83
8x5"	8X5V51	4255.83
8x6"	8X6V51	1716.25



PAINTED

No. 80
Female Threaded Adapter
Ductile Iron

SIZE	STOCK NO	EACH
2"	2V80	287.92
2½"	212V80	287.92
3"	3V80	332.50

PAINTED

No. 40
Grooved X Threaded Black Adapter Nipple



SIZE	STOCK NO	EACH
2 x 4"	2X4V40	100.00
2½ x 4"	212X4V40	115.00
3 x 4"	3X4V40	138.75
4 x 6"	4X6V40	224.17
5 x 6"	5X6V40	457.50

PAINTED

No. 920
Mechanical Tees
Clamp-on Type with FIP outlet
Run x Branch



SIZE	STOCK NO	EACH
2 x ½"	2X12V920	181.50
2 x ¾"	2X34V920	181.50
2 x 1"	2X1V920	181.50
2 x 1¼"	2X114V920	209.00
2 x 1½"	2X112V920	209.00
2½ x ½"	212X12V920	181.50
2½ x ¾"	212X34V920	181.50
2½ x 1"	212X1V920	181.50
2½ x 1¼"	212X114V920	253.00
2½ x 1½"	212X112V920	253.00
3 x ½"	3X12V920	209.00
3 x ¾"	3X34V920	209.00
3 x 1"	3X1V920	209.00
3 x 1¼"	3X114V920	261.00
3 x 1½"	3X112V920	261.00
3 x 2"	3X2V920	301.00
4 x ½"	4X12V920	260.00
4 x ¾"	4X34V920	260.00
4 x 1"	4X1V920	260.00
4 x 1¼"	4X114V920	303.50
4 x 1½"	4X112V920	315.50
4 x 2"	4X2V920	315.50
4 x 2½"	4X212V920	329.50
4 x 3"	4X3V920	350.50
5 x 1½"	5X112V920	384.00
5 x 2"	5X2V920	384.00
6 x 1½"	6X112V920	393.50
6 x 2"	6X2V920	393.50
6 x 2½"	6X212V920	424.00
6 x 3"	6X3V920	450.50
6 x 4"	6X4V920	499.50



No. 920
Mechanical Tees
Clamp-on Type with FIP outlet
Run x Branch

GALVANIZED

SIZE	STOCK NO	EACH
2½ x ¾"	212X34V920G	226.50
2½ x 1"	212X1V920G	226.50
3 x 1"	3X1V920G	253.00
3 x 1¼"	3X114V920G	325.50
3 x 1½"	3X112V920G	325.50
3 x 2"	3X2V920G	372.00
4 x 1"	4X1V920G	310.50
4 x 1½"	4X112V920G	396.50
4 x 2"	4X2V920G	400.00
4 x 2½"	4X212V920G	425.00
6 x 2"	6X2V920G	503.00
6 x 3"	6X3V920G	577.00
6 x 4"	6X4V920G	647.50

No. 647
Clearflow Dielectric Waterway Fittings



For continuous use at temperatures up to 225°F and for pressures up to 300psi.

SIZE	STOCK NO	EACH
MPT x MPT		
½ x 3"	12X3TV647	142.22
¾ x 3"	34X3TV647	142.22
1 x 4"	1X4TV647	212.59
1¼ x 4"	114X4TV647	295.56
1½ x 4"	112X4TV647	354.81
2 x 4"	2X4TV647	403.70
2½ x 6"	212X6TV647	541.48
GRV x MPT		
1½ x 4"	112X4TVG647	397.04
2 x 4"	2X4TVG647	403.70

(18)
LA-CO Gasket Lube

DESCRIPTION	STOCK NO	EACH
1 Quart	QTGALU	17.77

(09v)
Victaulic Gasket Lube

DESCRIPTION	STOCK NO	EACH
1 Quart	QTLUBE	292.08

Tego Dielectric Waterway Fittings (2)



Tego Dielectric Waterway Fittings
Steel exterior with polymer lining.
For continuous use at temperatures up to 225°F and for pressures up to 300psi.

SIZE	STOCK NO	EACH
MPT x MPT		
½ x 3"	5010001	5.13
¾ x 3"	5020001	5.43
1 x 4"	5030001	11.46
1¼ x 4"	5040001	13.28
1½ x 4"	5050001	14.86
2 x 4"	5060001	18.17
2½ x 6"	5070001	39.07
GRV x MPT		
1½ x 4"	5050002	17.65
2 x 4"	5060002	18.51

Rental Tools (41)



VG28 Gear Drive
For Grooving 4 – 6" Steel Pipe.
Requires Power Mule

STOCK NO	EACH
VG28	30707.10
RENTAL	Call for Pricing



Power Mule
External Power Source
For use with VG28

STOCK NO	EACH
POWERMULE	30696.57
RENTAL	Call for Pricing



RU1041 Portable Roll Groover
For use with Steel Pipe

STOCK NO	EACH
RU1041RENTAL	Call for Pricing



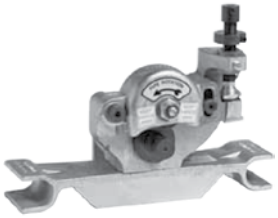
VE272SFS VIC-EASY FIELD ROLL GROOVING TOOL
Roll grooves 3/4 – 12" pipe
(Supplied with 2 – 12" carbon steel roll sets)
Requires VPD752 or Ridgid 300 Power Drive

STOCK NO	EACH
VE272SFS	13101.30
RENTAL	Call for Pricing



VE26C Copper In-Place Manual Roll Groover
2" – 6" Copper

STOCK NO	EACH
VE26C	3078.45
RENTAL	Call for Pricing



VE226C Copper Tube Groover
2" – 6" Copper

STOCK NO	EACH
VE226C	3447.90
RENTAL	Call for Pricing



HCT908 Hole Cutting Tool
½" – 4"

STOCK NO	EACH
HCT908	5983.20
RENTAL	Call for Pricing

For Grooved Copper Fittings Please Refer to Page 1118

Grooved Steel



Series 761 Steel Grooved Butterfly Valves
- Designed to provide bubble-tight shut-off in both directions to 300 PSI
- Ductile Iron ONLY
- EPDM disc

SIZE	STOCK NO	EACH
10-Position Handle with Memory Stop		
2"	V020761SE2	1381.33
2½"	V025761SE2	1701.78
3"	V030761SE2	1775.55
4"	V040761SE2	2118.22
5"	V050761SE2	3772.00
6"	V060761SE2	3982.66
8"	V080761SE2	5176.88
Gear Operator		
8"	V080761SE3	6268.44



Series 716 Grooved Check Valves
Vic-Check

SIZE	STOCK NO	EACH
2½"	212V716H	1880.92
3"	3V716H	2217.31
4"	4V716	2343.70
5"	5V716	3890.18
6"	6V716	4608.98
8"	8V716	6294.81

Grooved Fitting Valves (09)

victaulic.com



No. 788 Flanged End Circuit Balancing Valves

- Ductile iron body and Ametal® trim
- Precise flow measurement and balancing
- Positive shut-off with no drip seat
- Provision for connecting to a portable differencial (Ft. of head) pressure meter

SIZE	STOCK NO	EACH
2½"	212V788	1949.63
3"	3V788	2974.22
4"	4V788	4097.77
5"	5V788	7329.77
6"	6V788	9368.88



No. 789 Grooved End Circuit Balancing Valves

- Ductile iron body and Ametal® trim
- Precise flow measurement and balancing
- Positive shut-off with no drip seat
- Provision for connecting to a portable differencial (Ft. of head) pressure meter

SIZE	STOCK NO	EACH
2½"	212V789	1685.33
3"	3V789	2618.07
4"	4V789	3617.77
5"	5V789	6544.59
6"	6V789	8765.62
8"	8V789	18667.83



No. 790 TA Series Balancing Valve

- For use on heating (not steam), cooling, and potable water systems
- Balancing, pre-setting, measuring, shut-off, and draining (with accessory) capabilities
- Sizes from ½ – 2″ | DN15 – DN50
- Pressures up to 400 psi | 2758 kPa | 27.6 bar
- Rated from -4°F to 248°F | -20°C to 120°C

SIZE	STOCK NO	EACH
For Potable Water Applications		
½"	12V790	248.30
¾"	34V790	269.63
1"	1V790	376.89
1¼"	114V790	573.63
1½"	112V790	692.74
2"	2V790	1024.00



No. 732 Wye-Type Strainer

- Ductile Iron Body
- Access Cap & Coupling
- Type 304 Stainless Steel Basket
- Supplied with an NPT Tap & Plug to Accommodate a Drain or Blow Down Valve.

SIZE	STOCK NO	EACH
2½"	212V732	3218.22
3"	3V732	3615.11
4"	4V732	4090.66
5"	5V732	5916.88
6"	6V732	6420.44
8"	8V732	9840.43



Contains LEAD

No. 786 Sweat End Circuit Balancing Valves

- Full Ametal® copper alloy bodies
- Can be installed in any direction
- Precise flow measurement and balancing
- Positive shut-off with no drip seat
- Drain port suitable for bib fitting

SIZE	STOCK NO	EACH
½"	12V786	212.74
¾"	34V786	223.41
1"	1V786	298.07
1¼"	114V786	453.33
1½"	112V786	521.48
2"	2V786	781.63



Contains LEAD

No. 787 NPT End Circuit Balancing Valves

- Full Ametal® copper alloy bodies
- Can be installed in any direction
- Precise flow measurement and balancing
- Positive shut-off with no drip seat
- Drain port suitable for bib fitting

SIZE	STOCK NO	EACH
½"	12V787	206.22
¾"	34V787	225.18
1"	1V787	302.22
1¼"	114V787	458.67
1½"	112V787	528.59
2"	2V787	788.15

KOIL-KIT

Coil Packs • Threaded

Kit Includes: Series 78U, 786 & 78K

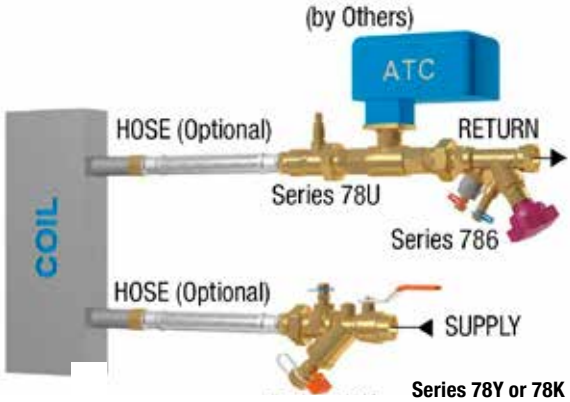
SIZE	STOCK NO	EACH
(2) - 24" Hoses included		
½"	12V79978KH	823.00
¾"	34V79978KH	982.00
1"	1V79978KH	1460.00
Hose not included		
½"	12V79978K	637.00
¾"	34V79978K	678.00
1"	1V79978K	954.00

KOIL-KIT

Coil Packs • Threaded •Hose not included

Kit Includes: Series 78U, 787 & 78Y

SIZE	STOCK NO	EACH
½"	12V799T	542.50
¾"	34V799T	581.50
1"	1V799T	846.00
¾" x ½"	34X12V799T	565.50



Series 78Y or 78K

KOIL-KIT

Coil Packs • Sweat • Hose not included

Kit Includes: Series 78U, 786 & 78Y

SIZE	STOCK NO	EACH
½"	12V799	547.00
¾"	34V799	579.50
1"	1V799	842.00
1½"	112V799	1466.00
2"	2V799	1951.00
¾" x ½"	34X12V799	571.00



(12)

9517/19AB Series

Fixed Orifice Double Regulating Valve

300WOG • Water from 15°F to 260°F

Lead-Free

THREADED

SIZE	STOCK NO	EACH
½"	129517AB	95.56
½" (Low Flow)	129517ABL	95.56
¾"	349517AB	101.34
1"	19517AB	112.77
SWEAT		
½" (Low Flow)	129519ABL	95.56

redwhitevalvecorp.com

Copper Pipe and Tubing (06)

camlee.com





Type M Hard Copper

For General Plumbing with soldered fittings only.

10' and 20' Lengths

NOMINAL	O.D.	WALL THICKNESS	STOCK NO	PER FOOT
3/8 x 20'	.500	.025	38MH	3.36
1/2 x 10'	.625	.028	12X10MH	3.37
1/2 x 20'	.625	.028	12MH	3.37
3/4 x 10'	.875	.032	34X10MH	5.44
3/4 x 20'	.875	.032	34MH	5.44
1 x 10'	1.125	.035	1X10MH	8.31
1 x 20'	1.125	.035	1MH	8.31
1 1/4 x 10'	1.375	.042	114X10MH	14.30
1 1/4 x 20'	1.375	.042	114MH	14.30
1 1/2 x 10'	1.625	.049	112X10MH	19.68
1 1/2 x 20'	1.625	.049	112MH	19.68
2 x 10'	2.125	.058	2X10MH	30.26
2 x 20'	2.125	.058	2MH	30.26
2 1/2 x 20'	2.625	.065	212MH	44.66
3 x 20'	3.125	.072	3MH	59.29
4 x 20'	4.125	.095	4MH	109.25

Type L Hard Copper

For General Plumbing

10' and 20' Lengths

NOMINAL	O.D.	WALL THICKNESS	STOCK NO	PER FOOT
1/4" x 20'	.375	.030	14LH	2.91
3/8" x 20'	.500	.035	38LH	4.26
1/2" x 10'	.625	.040	12X10LH	4.53
1/2" x 20'	.625	.040	12LH	4.53
3/4" x 10'	.875	.045	34X10LH	7.40
3/4" x 20'	.875	.045	34LH	7.40
1" x 10'	1.125	.050	1X10LH	10.88
1" x 20'	1.125	.050	1LH	10.88
1 1/4" x 10'	1.375	.055	114X10LH	17.23
1 1/4" x 20'	1.375	.055	114LH	17.23
1 1/2" x 10'	1.625	.060	112X10LH	21.88
1 1/2" x 20'	1.625	.060	112LH	21.88
2" x 10'	2.125	.070	2X10LH	34.23
2" x 20'	2.125	.070	2LH	34.23
2 1/2" x 10'	2.625	.080	212X10LH	50.03
2 1/2" x 20'	2.625	.080	212LH	50.03
3" x 10'	3.125	.090	3X10LH	69.86
3" x 20'	3.125	.090	3LH	69.86
4" x 10'	4.125	.110	4X10LH	116.96
4" x 20'	4.125	.110	4LH	116.96
5" x 20'	5.125	.125	5LH	166.18
6" x 20'	6.125	.140	6LH	225.66

Type K Hard Copper

For General Plumbing

20' Lengths

NOMINAL	O.D.	WALL THICKNESS	STOCK NO	PER FOOT
1/2"	.625	.049	12KH	7.00
3/4"	.875	.065	34KH	12.95
1"	1.125	.065	1KH	16.80
1 1/4"	1.375	.065	114KH	21.12
1 1/2"	1.625	.072	112KH	27.86
2"	2.125	.083	2KH	41.02
2 1/2"	2.625	.095	212KH	61.42
3"	3.125	.100	3KH	84.79

Type L (ACR) Hard Copper

As permitted in the ASTM B819 standard, type L OXY/ACR, ACR/MED straight length tubing is ink marked in blue color with a dual stencil that includes both "ACR and OXY/MED".

O.D.	WALL THICKNESS	STOCK NO	PER FOOT
20' Lengths			
1/4"	.025	14ACRH	4.11
3/8"	.030	38ACRH	3.11
1/2"	.035	12ACRH	4.69
5/8"	.040	58ACRH	6.06
3/4"	.042	34ACRH	8.13
7/8"	.045	78ACRH	9.64
1 1/8"	.050	118ACRH	13.88
1 3/8"	.055	138ACRH	18.49
1 5/8"	.060	158ACRH	24.02
2 1/8"	.070	218ACRH	36.23
2 5/8"	.080	258ACRH	52.78
3 1/8"	.090	318ACRH	71.35
4 1/8"	.110	418ACRH	127.68
10' Lengths			
5/8"	.040	58X10ACRH	6.06
7/8"	.045	78X10ACRH	9.64
1 1/8"	.050	118X10ACRH	13.88
1 3/8"	.055	138X10ACRH	18.49
1 5/8"	.060	158X10ACRH	24.02
2 1/8"	.070	218X10ACRH	36.23

Type K Cleaned and Capped Copper

For Oxygen Service

20' Lengths

NOMINAL	O.D.	WALL THICKNESS	STOCK NO	PER FOOT
1/2"	.625	.049	12KHCC	7.61
3/4"	.875	.065	34KHCC	13.79
1"	1.125	.065	1KHCC	18.49
1 1/4"	1.375	.065	114KHCC	22.26
1 1/2"	1.625	.072	112KHCC	29.08
2"	2.125	.083	2KHCC	43.20

032 Wall Hard Copper

20' Lengths

O.D.	STOCK NO	PER FOOT
1/4"	14032WL	3.33



CT Series Plugs

The CT Series is designed to plug and protect Type L and M copper tubing. A tapered body with reinforced cross-braces provides exceptional protection for the tube configuration.

O.D.	STOCK NO	PER FOOT
5/8"	CT12	.73
7/8"	CT20	.79
1 1/8"	CT24	1.16
1 3/8"	CT28	1.34
1 5/8"	CT32	1.60
2 1/8"	CT36	3.10
2 5/8"	CT40	3.26
3 1/8"	CT44	7.28
4 1/8"	CT52	8.30

Type L Soft Copper

For General Plumbing

60' and 100' coils

NOMINAL	O.D.	WALL THICKNESS	STOCK NO	PER FOOT
1/4 x 60'	.375	.030	14X60LS	2.95
1/4 x 100'	.375	.030	14X100LS	2.95
3/8 x 60'	.500	.035	38X60LS	4.38
3/8 x 100'	.500	.035	38X100LS	4.38
1/2 x 60'	.625	.040	12X60LS	6.38
1/2 x 100'	.625	.040	12X100LS	6.38
3/4 x 60'	.875	.045	34X60LS	10.17
3/4 x 100'	.875	.045	34X100LS	10.17
1 x 60'	1.125	.050	1X60LS	14.57
1 x 100'	1.125	.050	1X100LS	14.57
1 1/4 x 60'	1.375	.055	114X60LS	19.79
1 1/2 x 60'	1.625	.060	112X60LS	25.47

Type K-Soft Copper

For Underground Service and General Plumbing

NOMINAL	O.D.	WALL THICKNESS	STOCK NO	PER FOOT
1/4 x 60'	.375	.035	14X60KS	3.47
1/4 x 100'	.375	.035	14X100KS	3.47
3/8 x 60'	.500	.049	38X60KS	6.25
3/8 x 100'	.500	.049	38X100KS	6.25
1/2 x 60'	.625	.049	12X60KS	7.65
1/2 x 100'	.625	.049	12X100KS	7.65
3/4 x 60'	.875	.065	34X60KS	14.27
3/4 x 100'	.875	.065	34X100KS	14.27
1 x 60'	1.125	.065	1X60KS	18.94
1 x 75'	1.125	.065	1X75KS	18.94
1 x 100'	1.125	.065	1X100KS	18.94
1 1/4 x 60'	1.375	.065	114X60KS	23.23
1 1/2 x 60'	1.625	.072	112X60KS	30.19
2 x 40'	2.125	.083	2X40KS	46.31
20' Lengths				
1 1/2 x 20'	1.625	.072	112X20KS	35.78
2 x 20'	2.125	.083	2X20KS	55.08

Copper Refrigeration Tube

For Refrigeration purposes

50' Coils

O.D.	WALL THICKNESS	STOCK NO	PER COIL
1/8"	.030	18ACRS	74.33
3/16"	.030	316ACRS	86.88
1/4"	.030	14ACRS	98.97
5/16"	.032	516ACRS	134.21
3/8"	.032	38ACRS	139.92
1/2"	.032	12ACRS	199.07
5/8"	.035	58ACRS	266.45
3/4"	.035	34ACRS	317.91
7/8"	.045	78ACRS	471.84

Copper Solder Fittings (07)

camlee.com



Straight 90° Elbow

Copper to Copper

SIZE	STOCK NO	EACH
1/8"	18COL	6.14
1/4"	14COL	5.58
3/8"	38COL	5.39
1/2"	12COL	1.95
5/8"	58COL	11.28
3/4"	34COL	4.30
1"	1COL	10.53
1 1/4"	114COL	16.10
1 1/2"	112COL	24.33
2"	2COL	44.33
2 1/2"	212COL	80.82
3"	3COL	114.87
4"	4COL	251.64
5"	5COL	1025.16
6"	6COL	1365.88
Reducing 90° Elbow		
1/2 x 1/4"	12X14COL	18.37
1/2 x 3/8"	12X38COL	17.94
3/4 x 1/2"	34X12COL	11.00
3/4 x 5/8"	34X58COL	10.53
1 x 1/2"	1X12COL	22.53
1 x 3/4"	1X34COL	20.15
1 1/4 x 3/4"	114X34COL	104.98
1 1/4 x 1"	114X1COL	50.80
1 1/2 x 1 1/4"	112X114COL	66.83
2 x 1 1/2"	2X112COL	90.01



90° Long Radius Elbow

Copper to Copper

SIZE	STOCK NO	EACH
5/16"	516COLRL	9.24
1/4"	14COLRL	7.61
3/8"	38COLRL	9.61
1/2"	12COLRL	8.62
5/8"	58COLRL	8.72
3/4"	34COLRL	11.15
1"	1COLRL	17.93
1 1/4"	114COLRL	29.06
1 1/2"	112COLRL	38.24
2"	2COLRL	100.57
2 1/2"	212COLRL	148.73
3"	3COLRL	196.14



180° Return Bend

Copper to Copper

SIZE	STOCK NO	EACH
3/4 x 2 1/2"	34CORB	32.06
1 x 3"	1CORB	64.74
1 1/4 x 3 3/4"	114CORB	117.97
1 1/2 x 4 1/2"	112CORB	133.83



90° Street Elbow

Copper to Fitting

SIZE	STOCK NO	EACH
1/4"	14COSL	9.77
3/8"	38COSL	6.73
1/2"	12COSL	2.93
3/4"	34COSL	6.20
1"	1COSL	15.86
1 1/4"	114COSL	23.32
1 1/2"	112COSL	31.18
2"	2COSL	67.77
2 1/2"	212COSL	105.72
3"	3COSL	148.39
4"	4COSL	328.44



90° Long Radius Street Elbow

Fitting to Copper

SIZE	STOCK NO	EACH
1/4"	14COLSL	9.02
1/2"	12COLSL	12.97
5/8"	58COLSL	15.33
3/4"	34COLSL	15.48
1"	1COLSL	26.36
1 1/4"	114COLSL	37.78
1 1/2"	112COLSL	53.92
2"	2COLSL	87.77
3"	3COLSL	275.08



45° Straight Elbow

Copper to Copper

SIZE	STOCK NO	EACH
1/4"	14CO45L	9.91
3/8"	38CO45L	8.49
1/2"	12CO45L	3.51
5/8"	58CO45L	14.87
3/4"	34CO45L	5.96
1"	1CO45L	14.96
1 1/4"	114CO45L	20.05
1 1/2"	112CO45L	24.63
2"	2CO45L	41.12
2 1/2"	212CO45L	79.91
3"	3CO45L	111.65
4"	4CO45L	230.06
6"	6CO45L	1361.95



45° Street Elbow

Copper to Fitting

SIZE	STOCK NO	EACH
1/4"	14COS45L	14.77
3/8"	38COS45L	13.70
1/2"	12COS45L	4.18
5/8"	58COS45L	23.63
3/4"	34COS45L	6.02
1"	1COS45L	20.15
1 1/4"	114COS45L	24.67
1 1/2"	112COS45L	30.78
2"	2COS45L	48.94
2 1/2"	212COS45L	106.25
3"	3COS45L	135.25
4"	4COS45L	277.76



90° Straight Male Elbow

Copper to Male IPS

SIZE	STOCK NO.	EACH
1/2"	12COML	22.28
3/4"	34COML	38.36
1"	1COML	72.85



90° Female Elbow

Copper to Female IPS

SIZE	STOCK NO	EACH
Straight		
1/2"	12COFL	22.05
3/4"	34COFL	41.10
1"	1COFL	96.94
Reducing - Copper to Female		
1/2 x 3/8"	12X38COFL	27.89
3/4 x 1/2"	34X12COFL	57.41
1 x 3/4"	1X34COFL	87.65



90° Drop Ear Elbow

Copper to Copper

SIZE	STOCK NO	EACH
1/2"	12CODEL	23.27
3/4"	34CODEL	59.72



90° Drop Ear Elbow

Copper to Female IPS

SIZE	STOCK NO	EACH
1/2"	12COFDEL	21.61
3/4"	34COFDEL	41.78
1/2 x 3/8"	12X38COFDEL	39.08
3/4 x 1/2"	34X12COFDEL	76.24



Flanged Sink Elbow

Copper to Female

SIZE	STOCK NO	EACH
1/2"	12COFSL	36.82



Straight Tee
Copper All Ways

SIZE	STOCK NO	EACH
1/8"	18COT	10.53
1/4"	14COT	11.12
3/8"	38COT	8.92
1/2"	12COT	3.27
3/4"	34COT	7.88
1"	1COT	23.63
1 1/4"	114COT	32.59
1 1/2"	112COT	49.23
2"	2COT	78.28
2 1/2"	212COT	144.02
3"	3COT	207.06
4"	4COT	484.77



Reducing Tee
Dimensions are Run x Run x Branch

SIZE	STOCK NO	EACH
3/8 x 3/8 x 1/2"	38X12COT	15.69
1/2 x 1/2 x 3/4"	12X34COT	14.96
1/2 x 1/2 x 3/8"	12X38COT	18.86
1/2 x 1/2 x 1/4"	12X14COT	18.86
1/2 x 3/8 x 3/8"	12X38X38COT	26.39
3/4 x 3/4 x 1"	34X1COT	26.21
3/4 x 3/4 x 1/2"	34X12COT	7.51
3/4 x 3/4 x 3/8"	34X38COT	10.25
3/4 x 1/2 x 3/4"	34X12X34COT	9.22
3/4 x 1/2 x 1/2"	34X12X12COT	9.22
1 x 1 x 1 1/4"	1X114COT	53.74
1 x 1 x 1/2"	1X12COT	24.17
1 x 1 x 3/4"	1X34COT	24.17
1 x 3/4 x 1"	1X34X1COT	28.76
1 x 3/4 x 3/4"	1X34X34COT	28.76
1 x 3/4 x 1/2"	1X34X12COT	28.76
1 x 1/2 x 1"	1X12X1COT	28.76
1 x 1/2 x 3/4"	1X12X34COT	30.26
1 x 1/2 x 1/2"	1X12X12COT	28.76
1 1/4 x 1 1/4 x 1 1/2"	114X112COT	76.33
1 1/4 x 1 1/4 x 1"	114X1COT	35.20
1 1/4 x 1 1/4 x 3/4"	114X34COT	35.20
1 1/4 x 1 1/4 x 1/2"	114X12COT	35.20
1 1/4 x 1 x 1 1/4"	114X1X114COT	46.24
1 1/4 x 1 x 1"	114X1X1COT	45.19
1 1/4 x 1 x 3/4"	114X1X34COT	44.33
1 1/4 x 1 x 1/2"	114X1X12COT	46.24
1 1/4 x 3/4 x 1 1/4"	114X34X114COT	45.19
1 1/4 x 3/4 x 1"	114X34X1COT	48.65
1 1/4 x 3/4 x 3/4"	114X34X34COT	45.19
1 1/4 x 1/2 x 1 1/4"	114X12X114COT	46.24
1 1/2 x 1 1/2 x 2"	112X2COT	169.06
1 1/2 x 1 1/2 x 1 1/4"	112X114COT	37.39
1 1/2 x 1 1/2 x 1"	112X1COT	37.39
1 1/2 x 1 1/2 x 3/4"	112X34COT	37.39
1 1/2 x 1 1/2 x 1/2"	112X12COT	37.39
1 1/2 x 1 1/4 x 1 1/2"	112X114X112COT	79.67
1 1/2 x 1 1/4 x 1 1/4"	112X114X114COT	76.46
1 1/2 x 1 1/4 x 1"	112X114X1COT	74.99
1 1/2 x 1 1/4 x 3/4"	112X114X34COT	76.44
1 1/2 x 1 1/4 x 1/2"	112X114X12COT	92.13
1 1/2 x 1 x 1 1/2"	112X1X112COT	76.46
1 1/2 x 1 x 1 1/4"	112X1X114COT	79.67
1 1/2 x 1 x 1"	112X1X1COT	74.99

Reducing Tee (Continued)

SIZE	STOCK NO	EACH
1 1/2 x 1 x 3/4"	112X1X34COT	88.41
1 1/2 x 3/4 x 1 1/2"	112X34X112COT	74.99
1 1/2 x 3/4 x 1"	112X34X1COT	79.67
1 1/2 x 3/4 x 3/4"	112X34X34COT	79.67
1 1/2 x 1/2 x 1 1/2"	112X12X112COT	76.64
2 x 2 x 1 1/2"	2X112COT	60.96
2 x 2 x 1 1/4"	2X114COT	67.65
2 x 2 x 1"	2X1COT	60.96
2 x 2 x 3/4"	2X34COT	59.12
2 x 2 x 1/2"	2X12COT	59.12
2 x 1 1/2 x 2"	2X112X2COT	117.84
2 x 1 1/2 x 1 1/2"	2X112X112COT	99.66
2 x 1 1/2 x 1 1/4"	2X112X114COT	110.77
2 x 1 1/2 x 1"	2X112X1COT	101.91
2 x 1 1/2 x 3/4"	2X112X34COT	101.91
2 x 1 1/2 x 1/2"	2X112X12COT	105.33
2 x 1 1/4 x 2"	2X114X2COT	106.22
2 x 1 1/4 x 1 1/2"	2X114X112COT	107.41
2 x 1 1/4 x 1 1/4"	2X114X114COT	110.77
2 x 1 1/4 x 1"	2X114X1COT	109.53
2 x 1 x 1"	2X1X1COT	101.91
2 x 1 x 2"	2X1X2COT	101.91
2 x 3/4 x 2"	2X34X2COT	101.91
2 x 1/2 x 2"	2X12X2COT	105.66
2 1/2 x 2 x 2 1/2"	212X2X212COT	217.90
2 1/2 x 2 x 2"	212X2X2COT	210.56
2 1/2 x 2 x 1 1/2"	212X2X112COT	218.42
2 1/2 x 2 x 1"	212X2X1COT	226.26
2 1/2 x 1 1/2 x 2 1/2"	212X112X212COT	226.26
2 1/2 x 1 1/2 x 1 1/2"	212X112X112COT	303.21
2 1/2 x 3/4 x 2 1/2"	212X34X212COT	230.42
2 1/2 x 2 1/2 x 2"	212X2COT	168.20
2 1/2 x 2 1/2 x 1 1/2"	212X112COT	168.20
2 1/2 x 2 1/2 x 1 1/4"	212X114COT	168.20
2 1/2 x 2 1/2 x 1"	212X1COT	168.20
2 1/2 x 2 1/2 x 3/4"	212X34COT	164.39
2 1/2 x 2 1/2 x 1/2"	212X12COT	168.20
3 x 2 x 3"	3X2X3COT	301.20
3 x 3 x 2 1/2"	3X212COT	190.50
3 x 3 x 2"	3X2COT	173.96
3 x 3 x 1 1/2"	3X112COT	173.96
3 x 3 x 1 1/4"	3X114COT	173.96
3 x 3 x 1"	3X1COT	173.96
3 x 3 x 3/4"	3X34COT	173.96
3 x 3 x 1/2"	3X12COT	173.96
3 x 2 1/2 x 2 1/2"	3X212X212COT	290.50
3 x 2 1/2 x 2"	3X212X2COT	290.50
3 x 2 x 2 1/2"	3X2X212COT	366.11
3 x 2 x 2"	3X2X2COT	283.44
3 x 1 1/2 x 3"	3X112X3COT	335.92
3 x 1 x 3"	3X1X3COT	317.56
3 x 3/4 x 3"	3X34X3COT	309.37
4 x 4 x 3"	4X3COT	344.55
4 x 4 x 2"	4X2COT	327.39
4 x 4 x 3/4"	4X34COT	350.21
4 x 3 x 4"	4X3X4COT	647.10
4 x 3 x 3"	4X3X3COT	625.16
4 x 4 x 2 1/2"	4X212COT	372.72
4 x 4 x 1 1/2"	4X112COT	309.37
4 x 4 x 1 1/4"	4X114COT	323.81
4 x 4 x 1"	4X1COT	309.37
5 x 4"	5X4COT	1483.90
5 x 3"	5X3COT	1462.80
6 x 4"	6X4COT	2101.88



Straight Tee
Copper to Copper to Female

SIZE	STOCK NO	EACH
1/2"	12COFT	34.65
3/4"	34COFT	53.51
1"	1COFT	120.31
Reducing Tee		
1/2 x 3/4"	12X34COFT	58.82
1/2 x 3/8"	12X38COFT	34.91
3/4 x 1/2"	34X12COFT	52.60
3/4 x 3/8"	34X38COFT	58.82
1 x 3/4"	1X1X34COFT	76.22
1x1/2"	1X1X12COFT	76.96



Straight Tee
Copper to female to Copper

SIZE	STOCK NO	EACH
1/2"	12COCFCT	33.07
3/4"	34COCFCT	63.28

Copper Companion Flanges



CTS Copper Companion Flanges
Class 150lb.
ORDER BOLT PACK SEPARATELY.

SIZE	STOCK NO	EACH
1 1/2"	GB015	93.52
2"	GB002	120.31
2 1/2"	GB025	147.00
3"	GB003	157.04
4"	GB004	231.53
5"	GB005	507.12
6"	GB006	527.54



Companion Flange
Sweat F-900, 150 lb.

SIZE	STOCK NO	EACH
1"	1150COF	207.95
1 1/4"	114150COF	171.92
1 1/2"	112150COF	301.06
2"	2150COF	386.89
2 1/2"	212150COF	488.22
3"	3150COF	505.46
4"	4150COF	766.47

Class 150 ASME Flange Dimensions

Nominal Pipe Size NPS (inches)	Dia. of Flange (inches)	No. of Bolts	Dia. of Bolts (inches)	Dia. of Bolt Holes (inches)	Bolt Circle (inches)
1	4-1/4	4	1/2	0.62	3-1/8
1-1/4	4-5/8	4	1/2	0.62	3-1/2
1-1/2	5	4	1/2	0.62	3-7/8
2	6	4	5/8	0.75	4-3/4
2-1/2	7	4	5/8	0.75	5-1/2
3	7-1/2	4	5/8	0.75	6
3-1/2	8-1/2	8	5/8	0.75	7
4	9	8	5/8	0.75	7-1/2
5	10	8	3/4	0.88	8-1/2
6	11	8	3/4	0.88	9-1/2

Copper Solder Fittings (07)

camlee.com



Drop Ear Tee

Copper all Ways

SIZE	STOCK NO	EACH
½"	12CODET	41.98



Drop Ear Tee

Copper to Copper to Female

SIZE	STOCK NO	EACH
½"	12COFDET	58.13
¾"	34COFDET	106.62



Straight Coupling

Copper to Copper with Stop

SIZE	STOCK NO	EACH
⅛"	18COC	1.52
¼"	14COC	1.32
5/16"	516COC	1.72
⅜"	38COC	1.72
½"	12COC	1.46
⅝"	58COC	4.26
¾"	34COC	3.01
1"	1COC	5.89
1¼"	114COC	9.90
1½"	112COC	13.36
2"	2COC	22.29
2½"	212COC	43.16
3"	3COC	60.96
4"	4COC	124.21
5"	5COC	285.65
6"	6COC	474.05



Reducing Coupling

SIZE	STOCK NO	EACH
¼ x ⅛"	14X18COR	8.75
⅜ x 5/16"	38X516COR	9.74
⅜ x ¼"	38X14COR	2.87
⅜ x ⅛"	38X18COR	4.46
½ x ⅜"	12X38COR	2.97
½ x ¼"	12X14COR	3.57
⅝ x ½"	58X12COR	7.19
¾ x ⅝"	34X58COR	5.08
¾ x ½"	34X12COR	5.11
¾ x ⅜"	34X38COR	6.34
¾ x ¼"	34X14COR	7.20
1 x ¾"	1X34COR	9.30
1 x ½"	1X12COR	11.19
1¼ x 1"	114X1COR	12.89
1¼ x ¾"	114X34COR	12.89
1¼ x ½"	114X12COR	13.66
1½ x 1¼"	112X114COR	21.35
1½ x 1"	112X1COR	21.75
1½ x ¾"	112X34COR	21.75
2 x 1½"	2X112COR	32.99
2 x 1¼"	2X114COR	32.99
2 x 1"	2X1COR	35.50
2 x ¾"	2X34COR	36.17
2 x ½"	2X12COR	37.65
2½ x 2"	212X2COR	67.81
2½ x 1½"	212X112COR	69.28
2½ x 1¼"	212X114COR	78.28
2½ x 1"	212X1COR	78.82
3 x 2½"	3X212COR	83.83
3 x 2"	3X2COR	82.27
3 x 1½"	3X112COR	91.70
4 x 3"	4X3COR	166.77
4 x 2"	4X2COR	182.40



Fitting Reducer

Fitting to Copper

SIZE	STOCK NO	EACH
⅜ x ¼"	38X14COFR	3.92
⅜ x ⅛"	38X18COFR	4.79
½ x ⅜"	12X38COFR	3.86
½ x ¼"	12X14COFR	3.69
⅝ x ½"	58X12COFR	7.98
¾ x ½"	34X12COFR	5.04
¾ x ⅜"	34X38COFR	6.59
1 x ¾"	1X34COFR	7.88
1 x ½"	1X12COFR	10.05
1 x ⅜"	1X38COFR	9.51
1¼ x 1"	114X1COFR	14.35
1¼ x ¾"	114X34COFR	14.08
1¼ x ½"	114X12COFR	14.08
1½ x 1¼"	112X114COFR	18.34
1½ x 1"	112X1COFR	18.34
1½ x ¾"	112X34COFR	18.70
1½ x ½"	112X12COFR	18.70
2 x 1½"	2X112COFR	34.54
2 x 1¼"	2X114COFR	34.54
2 x 1"	2X1COFR	37.07
2 x ¾"	2X34COFR	37.07
2 x ½"	2X12COFR	39.39
2½ x 2"	212X2COFR	63.86
2½ x 1½"	212X112COFR	65.30
2½ x 1¼"	212X114COFR	76.73
2½ x 1"	212X1COFR	74.28
3 x 2½"	3X212COFR	77.09
3 x 2"	3X2COFR	75.43
3 x 1½"	3X112COFR	84.27
3 x 1¼"	3X114COFR	84.14
4 x 3"	4X3COFR	157.07
4 x 2"	4X2COFR	171.76
4 x 2½"	4X212COFR	188.97
5 x 4"	5X4COFR	853.77
6 x 4"	6X4COFR	1358.46
6 x 3"	6X3COFR	1358.46



Coupling

Copper to Copper Less Stop

SIZE	STOCK NO	EACH
½"	12COSC	1.90
¾"	34COSC	3.95
1"	1COSC	8.31
1¼"	114COSC	12.17
1½"	112COSC	16.43
2"	2COSC	28.34
2½"	212COSC	35.07
3"	3COSC	62.13
4"	4COSC	117.06



Union

Copper to Copper

SIZE	STOCK NO	EACH
¼"	14COU	32.45
½"	12COU	20.62
¾"	34COU	25.43
1"	1COU	43.62
1¼"	114COU	122.27
1½"	112COU	160.85
2"	2COU	273.15
2½"	212COU	598.57
3"	3COU	1548.64



Union

Copper to Male IPS

SIZE	STOCK NO	EACH
½"	12COMU	62.59
¾"	34COMU	85.31
1"	1COMU	210.40



Union

Copper to Female IPS

SIZE	STOCK NO	EACH
½"	12COFU	72.16
¾"	34COFU	98.07
1"	1COFU	204.17



Flush Bushing

SIZE	STOCK NO	EACH
Fitting to Copper		
¼ x ⅛"	14X18COFB	3.10
⅜ x ¼"	38X14COFB	3.53
½ x ⅜"	12X38COFB	4.47
½ x ¼"	12X14COFB	4.41
¾ x ½"	34X12COFB	7.19
¾ x ⅜"	34X38COFB	9.42
1 x ¾"	1X34COFB	12.71
1 x ½"	1X12COFB	12.38
1¼ x 1"	114X1COFB	13.76
1¼ x ¾"	114X34COFB	16.82
1½ x 1¼"	112X114COFB	20.53
1½ x 1"	112X1COFB	22.05
2 x 1½"	2X112COFB	51.88
Fitting to Female		
½ x ⅛"	12X18COFFB	15.62
½ x ¼"	12X14COFFB	14.08

Copper Solder Fittings (07)

camlee.com



Male Adapter

Copper to Male IPS

SIZE	STOCK NO	EACH
Straight		
1/8"	18COMA	28.49
1/4"	14COMA	18.71
3/8"	38COMA	10.78
1/2"	12COMA	4.01
3/4"	34COMA	6.72
1"	1COMA	17.17
1 1/4"	114COMA	24.67
1 1/2"	112COMA	28.92
2"	2COMA	48.94
2 1/2"	212COMA	171.08
3"	3COMA	212.98
4"	4COMA	288.79
Reducing		
1/4 x 3/8"	14X38COMA	26.03
3/8 x 3/4"	38X34COMA	14.24
3/8 x 1/2"	38X12COMA	13.07
3/8 x 1/4"	38X14COMA	24.86
1/2 x 1"	12X1COMA	29.99
1/2 x 3/4"	12X34COMA	11.57
1/2 x 3/8"	12X38COMA	10.11
1/2 x 1/4"	12X14COMA	12.19
3/4 x 1"	34X1COMA	25.43
3/4 x 1/2"	34X12COMA	11.56
1 x 1 1/4"	1X114COMA	36.95
1 x 3/4"	1X34COMA	25.43
1 x 1/2"	1X12COMA	31.71
1 1/4 x 1 1/2"	114X112COMA	58.71
1 1/4 x 1"	114X1COMA	37.57
1 1/2 x 1 1/4"	112X114COMA	58.48
1 1/2 x 1"	112X1COMA	80.43
2 x 1 1/2"	2X112COMA	113.24



Female Adapter

Copper to Female IPS

SIZE	STOCK NO	EACH
Straight		
1/8"	18COFA	13.93
1/4"	14COFA	11.96
3/8"	38COFA	12.52
1/2"	12COFA	6.36
3/4"	34COFA	8.72
1"	1COFA	19.93
1 1/4"	114COFA	28.92
1 1/2"	112COFA	45.19
2"	2COFA	61.41
2 1/2"	212COFA	204.17
3"	3COFA	290.46
Reducing		
1/4 x 3/8"	14X38COFA	13.22
3/8 x 1/2"	38X12COFA	14.87
3/8 x 1/4"	38X14COFA	10.59
1/2 x 3/4"	12X34COFA	13.62
1/2 x 3/8"	12X38COFA	9.80
1/2 x 1/4"	12X14COFA	9.80
3/4 x 1"	34X1COFA	29.18
3/4 x 1/2"	34X12COFA	13.62
1 x 1 1/4"	1X114COFA	51.89
1 x 3/4"	1X34COFA	29.18
1 x 1/2"	1X12COFA	36.52
1 1/4 x 1 1/2"	114X112COFA	61.70
1 1/4 x 1"	114X1COFA	61.06



Fitting Adapter

Fitting to Male IPS

SIZE	STOCK NO	EACH
3/8"	38COMFA	18.57
1/2"	12COMFA	17.49
3/4"	34COMFA	22.53
1"	1COMFA	28.62
1 1/4"	114COMFA	87.55
1 1/2"	112COMFA	106.30
2"	2COMFA	171.69



Fitting Adapter

Fitting to Female IPS

SIZE	STOCK NO	EACH
Straight		
3/8"	38COFFA	18.57
1/2"	12COFFA	12.54
3/4"	34COFFA	16.17
1"	1COFFA	28.92
1 1/4"	114COFFA	46.24
1 1/2"	112COFFA	60.75
2"	2COFFA	80.72
Reducing		
1/2 x 3/8"	12X38COFFA	16.92
3/4 x 1/2"	34X12COFFA	38.15



Tube End Cap

SIZE	STOCK NO	EACH
1/4"	14COCAP	1.62
3/8"	38COCAP	3.01
1/2"	12COCAP	1.40
3/4"	34COCAP	2.61
1"	1COCAP	6.09
1 1/4"	114COCAP	8.06
1 1/2"	112COCAP	11.79
2"	2COCAP	21.74
2 1/2"	212COCAP	63.32
3"	3COCAP	81.48
4"	4COCAP	148.94



(02)

No. 613
Preformed Tub Ell Fitting

Copper

SIZE	STOCK NO	EACH
1/2" x 8 x 7"	SC61387	7.31
1/2" x 13 x 7"	SC613137	10.55



Drain Coupling

Copper to Copper

SIZE	STOCK NO	EACH
1/2"	12CODC	27.53
3/4"	34CODC	32.13



90° Elbow with Drain

E-200D, Copper to Copper

SIZE	STOCK NO	EACH
3/4"	34COLDR	36.96



Baseboard Tee

Copper 1/8" Female to Copper

SIZE	STOCK NO	EACH
1/2 x 1/2"	12X18X12COBBT	30.09
3/4 x 3/4"	34X18X34COBBT	29.04
1 x 1"	1X18X1COBBT	54.72

ACR Fittings (07)

Cleaned & Bagged



90° Straight Elbow

Copper to Copper

SIZE	STOCK NO	EACH
1/2"	12COLCB	2.87
3/4"	34COLCB	6.32
1"	1COLCB	15.51



45° Straight Elbow

Copper to Copper

SIZE	STOCK NO	EACH
1/2"	12CO45LCB	5.16
3/4"	34CO45LCB	8.77
1"	1CO45LCB	22.02



Straight Tee

Copper All Ways

SIZE	STOCK NO	EACH
1/2"	12COTCB	4.82
3/4"	34COTCB	11.60
3/4" x 1/2"	34X12COTCB	11.05
1"	1COTCB	34.79



Straight Coupling

Copper to Copper with Stop

SIZE	STOCK NO	EACH
1/2"	12COCCB	2.15
3/4"	34COCCB	4.29
1"	1COCCB	8.50
Reducing Coupling		
3/4" x 1/2"	34X12CORCB	7.53

Stainless Steel Pipe

SIZE	STOCK NO	EACH
Type 316		
½" x 20'	12X20SSP316	190.72
¾" x 20'	34X20SSP316	240.53
1" x 20'	1X20SSP316	298.89
1½" x 20'	112X20SSP316	427.09
2" x 20'	2X20SSP316	548.08
3" x 20'	3X20SSP316	847.91
4" x 20'	4X20SSP316	1118.24
Type ECO		
1" x 20'	1X20SSPECO	138.17
2" x 20'	2X20SSPECO	252.30



90° Elbows

P x P - Model 4016

SIZE	STOCK NO	EACH
½"	12SS316PL	82.58
¾"	34SS316PL	89.63
1"	1SS316PL	101.33
1½"	112SS316PL	180.49
2"	2SS316PL	231.08



45° Elbows

P x P - Model 4026

SIZE	STOCK NO	EACH
½"	12SS316P45L	82.58
¾"	34SS316P45L	89.63
1"	1SS316P45L	101.34
1½"	112SS316P45L	176.67
2"	2SS316P45L	222.21



Tees

P x P x P - Model 4018

SIZE	STOCK NO	EACH
½"	12SS316PT	189.11
¾"	34SS316PT	194.54
1"	1SS316PT	225.12
1½"	112SS316PT	277.23
2"	2SS316PT	342.34



Press Ball Valve

SIZE	STOCK NO	EACH
½"	12SSP316BV	129.01
¾"	34SSP316BV	149.97
1"	1SSP316BV	187.80
1¼"	114SSP316BV	353.34
1½"	112SSP316BV	336.58
2"	2SSP316BV	640.27



Male Adapters

P x MPT - Model 4011

SIZE	STOCK NO	EACH
½"	12SS316PMA	71.09
¾"	34SS316PMA	75.15
1"	1SS316PMA	88.38
1½"	112SS316PMA	164.32
2"	2SS316PMA	206.12



Female Adapters

P x FTP - Model 4012

SIZE	STOCK NO	EACH
½"	12SS316PFA	95.02
¾"	34SS316PFA	103.40
1"	1SS316PFA	120.77
1½"	112SS316PFA	243.19
2"	2SS316PFA	244.31



Caps

P - Model 4056

SIZE	STOCK NO	EACH
½"	12SS316PCAP	62.01
¾"	34SS316PCAP	80.93
1"	1SS316PCAP	102.24
1½"	112SS316PCAP	179.10
2"	2SS316PCAP	211.71



Reducers

FTG x P - Model 4015.1

SIZE	STOCK NO	EACH
¾" x ½"	34X12SS316PFR	136.08
1" x ¾"	1X34SS316PFR	141.15
1½" x 1"	112X1SS316PFR	136.82
2" x 1½"	2X112SS316PFR	155.99



Unions

P x P - Model 4060

SIZE	STOCK NO	EACH
½"	12SS316PU	234.56
¾"	34SS316PU	270.16
1"	1SS316PU	330.52
1½"	112SS316PU	552.08
2"	2SS316PU	682.04



Couplings

P x P - Model 4015

SIZE	STOCK NO	EACH
½"	12SS316PC	40.09
¾"	34SS316PC	45.36
1"	1SS316PC	50.71
1½"	112SS316PC	70.76
2"	2SS316PC	93.31



Repair Couplings

P x P - Model 4015.5

SIZE	STOCK NO	EACH
½"	12SS316PRC	41.35
¾"	34SS316PRC	44.68
1"	1SS316PRC	51.39
1½"	112SS316PRC	69.69
2"	2SS316PRC	91.44

Copper Drainage Fittings (02)

muellerindustries.com



90° Bend
Copper to Copper

SIZE	STOCK NO	EACH
1¼"	114CODL	23.63
1½"	112CODL	31.38
2"	2CODL	50.15
3"	3CODL	121.33



90° Bend
Copper to Fitting

SIZE	STOCK NO	EACH
1½"	112CODSL	34.24
2"	2CODSL	63.58

Long Turn 90° Bend
Copper to Copper

SIZE	STOCK NO	EACH
1½"	112CODLRL	53.68
2"	2CODLRL	76.09



45° Bend
Copper to Copper

SIZE	STOCK NO	EACH
1¼"	114COD45L	19.29
1½"	112COD45L	18.00
2"	2COD45L	36.68
3"	3COD45L	82.47



45° Bend
Copper to Fitting

SIZE	STOCK NO	EACH
1¼"	114CODS45L	29.69
1½"	112CODS45L	22.34
2"	2CODS45L	45.54



22½° Bend
Copper to Copper

SIZE	STOCK NO	EACH
2"	2COD22L	73.62



Sanitary Tee
Copper All Ways

SIZE	STOCK NO	EACH
1¼ x 1¼ x 1¼"	114CODST	41.39
1½ x 1½ x 1½"	112CODST	51.51
2 x 2 x 2"	2CODST	70.59
3 x 3 x 3"	3CODST	296.68
2 x 2 x 1½"	2X112CODST	69.49



Double Sanitary Tee
Copper All Ways

SIZE	STOCK NO	EACH
1½ x 1½ x 1½ x 1½"	112CODSX	166.23
2 x 2 x 2 x 2"	2CODSX	265.82



Sanitary Tee
Copper to Copper to F.P.T.

SIZE	STOCK NO	EACH
1½ x 1½ x 1½"	112CODFT	266.45



Test Tee with Plug
Copper to Copper

SIZE	STOCK NO	EACH
1½"	112CODTT	196.04
2"	2CODTT	220.38



45° Wye Branch
Copper All Ways

SIZE	STOCK NO	EACH
1¼"	114CODY	102.08
1½"	112CODY	133.32
2"	2CODY	140.72
2 x 2 x 1½"	2X112CODY	141.97
3 x 3 x 2"	3X2CODY	293.17

Long Turn T-Y
Copper All Ways

SIZE	STOCK NO	EACH
1½ x 1½ x 1½"	112CODLTY	125.84



Drainage Plug

SIZE	STOCK NO	EACH
1½"	112CODP	31.50
2"	2CODP	44.62



"P" Trap
With Cleanout
Copper to Copper

SIZE	STOCK NO	EACH
1½"	112CODPT	230.56



Straight Coupling
Copper to Copper

SIZE	STOCK NO	EACH
1¼"	114CODC	9.83
1½"	112CODC	12.18
2"	2CODC	16.92
3"	3CODC	39.22
Reducing Coupling		
2 x 1½"	2X112CODC	22.85



Fitting Reducer
Fitting to Copper

SIZE	STOCK NO	EACH
1½ x 1¼"	112X114CODB	18.51
2 x 1½"	2X112CODB	20.18



Slip-Joint Coupling
Copper to Slip Joint

SIZE	STOCK NO	EACH
1¼"	114CODFTA	35.34
1½"	112CODFTA	38.76
1½ x 1¼"	112X114FTA	53.23



Male Adapter
Copper to Male IPS

SIZE	STOCK NO	EACH
1¼"	114CODMA	32.54
1½"	112CODMA	44.50
2"	2CODMA	52.89



Female Adapter
Copper to Female IPS

SIZE	STOCK NO	EACH
1½"	112CODFA	27.50
2"	2CODFA	51.34



Fitting Adapter
Fitting to Female IPS

SIZE	STOCK NO	EACH
1½"	112CODFFA	96.50
2"	2CODFFA	131.79



Fitting Cleanout
With Plug

SIZE	STOCK NO	EACH
1½"	112CODCO	150.11
2"	2CODCO	163.24

Soldering Accessories

rothenberger-usa.com millrose.com oatey.com



(18)
Sand Cloth
High grade emergy cloth. 1½" wide

SIZE	STOCK NO	EACH
10 yard	10YDSACL	5.66
25 yard	25YDSACL	12.86
Open Mesh		
5 yard	5YDSACL	7.71

(40)
Fitting Brushes

High carbon

SIZE	STOCK NO	EACH
¼"	14MIFIBR	2.72
⅜"	38MIFIBR	2.45
½"	12MIFIBR	3.57
¾"	34MIFIBR	3.76
1"	1MIFIBR	3.97
1¼"	114MIFIBR	4.36
1½"	112MIFIBR	4.76
2"	2MIFIBR	5.44
2½"	212MIFIBR	6.30
3"	3MIFIBR	8.87
4"	4MIFIBR	11.50

(40)
Outside Tube Cleaning Brushes

Tough molded plastic holder with comfortable sure grip design and high carbon steel bristles.

I.D.	STOCK NO	EACH
½"	12TUBR	4.90
¾"	34TUBR	5.51
1"	1TUBR	6.04

(18)
Copper Cleaning Pads

Nylon impregnated pad, fine grit, red.
10 per bag • No. 750-46

SIZE	STOCK NO	EACH
4"x6"x¼"	SC75046	9.54

Rothenberger (40)

Sure Fire 3 Torch Tip
No. 35431

STOCK NO	EACH
ROSFTT	82.63



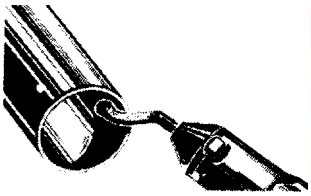
Hot Air Burner Tip
No. 35458

STOCK NO	EACH
ROHABT	151.94



Flameguard Heat Reflector
No. 31043

STOCK NO	EACH
ROFLDEFL	59.54





(40)
Deburring Tool
Removes rough or irregular ID edges on plastic, ferrous and non-ferrous metals. Clips on shirt pocket like pen.

STOCK NO	EACH
MIDBT	11.72
Deburring Tool Replacement Blades (Bag of 5)	
MIDBTBL	13.30

(02)
50/50 Tin-Lead Wire Solder

Low melt range makes them ideal for joining most metals by convenient heating methods. General-purpose solder for plumbing and sheet metal work.

SIZE	STOCK NO	EACH
1 lb. Spool	LB5050SO	28.06

(02)
95/5 Lead-Free Tin-Antimony Solder


Low melt range makes them ideal for joining most metals by convenient heating methods. For sealing precoated containers, coating and joining metals.

SIZE	STOCK NO	EACH
1 lb. Spool	LB955SO	41.27

(02)
Lead Free Solder

SIZE	STOCK NO	EACH
1 lb. Spool	LBLEFRSO	49.89

(18)
Canfield Watersafe Solder

SIZE	STOCK NO	EACH
1 lb. Spool	LBWASSO	58.05

(02)
#111 Bar Solder


General-purpose solder for plumbing and sheet metal work.

SIZE	STOCK NO	EACH
50/50	5050BARSO	14.03



(18)
Sta-Brite® Low Temp Solder
Low temperature solder with 4% silver for all metals except aluminum. Used in AC/R joints, NSF accepted. ⅛" diameter, 1 pound roll. Solidus 430°F., Liquidus 535°F.

SIZE	STOCK NO	EACH
1 lb. Spool	862525402	122.91

Adjusted Pressure Ratings

Joint Made of Copper Tube and Solder End Valves Extracted from MSS SP-80

Water, Non-Corrosive Liquids and Gases					
	Valve Sizes				Saturated
¼ thru 4" Solder Used	Service Temp °F	¼ thru 1'	1¼ thru 2"	2½ thru 4"	Steam P.S.I.G.
50-50	100°	200	175	150	---
Tin Lead	150°	150	125	100	---
(ASTM B-32, Alloy	200°	100	90	75	---
Grade 50-A)	250°	85	75	50	*15
95-5	100°	500	400	300	---
Tin Antimony	150°	400	350	275	---
	200°	300	250	200	---
	250°	200	175	150	*15
Taramet	100°	800	600	400	---
Sterling	150°	600	450	325	---
	200°	400	375	175	---
	250°	300	200	150	---

* This pressure is determined by the temperature of saturated steam at the maximum temperature shown.

Soldering Accessories (18)

laco.com oatey.com solders.com



(40)

Tin Handle Acid Brush

SIZE	STOCK NO	EACH
3/8"	SC771	.21

(02)

Sterling® Water Soluble Lead-Free Flux



Designed specifically to work with Taramet Sterling Lead-Free Solder.
Meets ASTM B813 requirements.

SIZE	STOCK NO	EACH
1 lb.	LBWSFL	11.50

Nokorode Paste Flux



Works with most solders, including 95/5 antimony and 97/3 silver. A non-aggressive formula when used to sweat copper and brass fittings.

SIZE	STOCK NO	EACH
1.7 oz.	17OZNOKO	3.53
1 lb.	LBNOKO	19.59

Regular Flux Paste



Lead-free, Non-toxic.
Super detergent action cleans as it solders. For use on copper, galvanized iron, sheet lead, zinc, nickel, tin, silver, mild steel, terne plate, malleable iron.

SIZE	STOCK NO	EACH
4 oz.	4OZLAFL	8.08

(40)

Kibosh™ Emergency Pipe Repair



- Up to 87 psi.
- Reusable and NO tools required.
- Can be used on both metal & hard plastic pipe.
- Can stay safely installed for up to ONE week.

SIZE	STOCK NO	EACH
1/2"	RO12KIBOSH	48.99
3/4"	RO34KIBOSH	52.27

#95 Tinning Flux



Solves the fluxing and soldering problems in areas where lead solders are not permitted. Insures the proper solder flow for all pipe sizes. Will not discolor copper or other metal.

SIZE	STOCK NO	EACH
8 oz.	8OZPAFL	12.76

No.5 Paste Flux

SIZE	STOCK NO	EACH
8 oz.	OA5PF	7.39

Sil-Can White Cream Flux

A general purpose, homogenized brazing flux for use with silver brazing alloys when required. Fully active between 1100°F and 1600°F, making it suitable for 95% of all brazing jobs. For both torch and induction heating.

SIZE	STOCK NO	EACH
1 Lb.	LBCRFL	12.11



(40)

Flame Blanket

Flame blanket protects wood and other flammables from heat in tight places. It's high-temp fibres withstand heat up to 2300° F. with minimum smoke and odor.
10" x 12" with grommets.

STOCK NO	EACH
AT2475	19.06



(40)

Plumbers Hot Dam

A specially formulated compound that completely blocks even excessive heat from being transferred down the pipe and onto surrounding surfaces. Simply mold around the section of pipe where you want the heat to stop. Conforms to any shape for precise application. Allows soldering of connections that lead into existing walls without worrying about heat buildup and potential hazards. Stores in a handy 3/4lb. container & can be used again and again. Works equally well with MAPP gas, propane, arc or oxyacetylene welding on ferrous and non-ferrous surfaces. No residue.

SIZE	STOCK NO	EACH
3/4 lb.	AT9000	24.70

pace-asp.com

Sil-Can 0

Extremely fluid, economical alloy for close fitting joints with clearances from .001 to .003. It is self-fluxing on copper and contains no silver. Brazing temperatures 1350°F to 1550°F.
Conforms to ASTM BCuP-2

SIZE	STOCK NO	EACH
Lb.	LBSICA0	27.13
Stick	STSICA0	1.63

Sil-Can 05

More economical than SIL-CAN 15 contains 5% silver. Brazing temperature is 1300°F
Conforms to ASTM BCuP-3

SIZE	STOCK NO	EACH
1 lb	LBSICA05	113.90

Sil-Can 15

Ideal on air conditioners, radiators, electrical connections, etc. Contains 15% silver. Brazing temperature is 1300°F.
Conforms to ASTM BCuP-5
Copper alloys such as brass and bronze need SIL-CAN WHITE CREAM BRAZING FLUX.

SIZE	STOCK NO	EACH
Lb.	LBSICA15	287.95
Stick	STSICA15	17.28

(40)

Pipe Plug (Plumbers' Bread)



Set of rubber pipe plugs to stop flow of water so repairs can be made quickly & easily.
Kit # 5000 Includes:
1 ea. 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2" plugs. Short rod for 1/2" plug. Long rod for 3/4 - 2 1/2".Tightening handle. Storage tube. Easy to follow instructions.
Hot Dam # 9000 is recommended to protect rubber plugs from heat damage.

KIT	STOCK NO	EACH
5000	AT5000	158.35

(40)

Flexible Pipe Kit

WASSI Plugging Kit

SIZE	STOCK NO	EACH
1/2" - 2"	AT5221	109.67

Laco Cool Gel Heat Dissipating Spray



Helps prevent heat damage surrounding materials during soldering blazing and welding. Sticks to surfaces without running and leaves no residue.

SIZE	STOCK NO	EACH
Quart	QTCOGEL	32.21

90° Elbows
Shark Bite



SIZE	STOCK NO	EACH
½"	12SBL	9.80
¾"	34SBL	12.25
1"	1SBL	22.75
1¼"	114SBL	31.85
1½"	112SBL	46.20
2"	2SBL	60.20

90° Elbows



SIZE	STOCK NO	EACH
Female NPT		
½" x ½" NPT	12SBFL	9.80
Male NPT		
½" x ½" NPT	12SBML	9.80

Reducing Elbow



SIZE	STOCK NO	EACH
¾" x ½"	3412SBL	12.25

Drop Ear Elbow
Female NPT



SIZE	STOCK NO	EACH
½" x ½" NPT	12SBDREAL	9.80

45° Elbow



SIZE	STOCK NO	EACH
1¼"	114SB45L	31.85
1½"	112SB45L	46.20
2"	2SB45L	60.20

Tee



SIZE	STOCK NO	EACH
½"	12SBT	13.65
¾"	34SBT	16.10
1"	1SBT	30.10
1¼"	114SBT	56.00
1½"	112SBT	75.60
2"	2SBT	100.80

Reducing Tee



SIZE	STOCK NO	EACH
¾ x ½ x ½"	341212SBT	16.10
¾ x ¾ x ½"	343412SBT	16.10

Coupling



SIZE	STOCK NO	EACH
½"	12SBC	8.75
¾"	34SBC	11.90
1"	1SBC	19.95
1¼"	114SBC	28.35
1½"	112SBC	37.80
2"	2SBC	50.40

Reducing Coupling

SIZE	STOCK NO	EACH
⅜ x ½"	3812SBC	8.75
¾ x ½"	3412SBC	10.50
1 x ¾"	134SBC	19.95

Slip Coupling



SIZE	STOCK NO	EACH
½"	12SBSC	15.05
¾"	34SBSC	17.85

Male Adapter



SIZE	STOCK NO	EACH
½"	12SBMA	7.35
¾"	34SBMA	8.40
1"	1SBMA	16.80
1¼"	114SBMA	25.20
1½"	112SBMA	34.30
2"	2SBMA	46.20

Male Reducing Connector
NPT

SIZE	STOCK NO	EACH
½ x ¾"	1234SBMC	8.40

Female Adapter



SIZE	STOCK NO	EACH
½"	12SBFA	7.35
¾"	34SBFA	8.40
1"	1SBFA	15.40
1¼"	114SBFA	23.80
1½"	112SBFA	34.30
2"	2SBFA	46.20
Reducing		
½ x ¾"	1234SBFA	8.40

Cap



SIZE	STOCK NO	EACH
½"	12SBCAP	8.05
¾"	34SBCAP	9.45
1"	1SBCAP	17.85
1¼"	114SBCAP	25.20
1½"	112SBCAP	34.30
2"	2SBCAP	46.20

Ball Valve



SIZE	STOCK NO	EACH
½"	12SBBA	22.40
¾"	34SBBA	28.00
1"	1SBBA	38.50
1¼"	114SBBA	69.30
1½"	112SBBA	131.60
2"	2SBBA	161.00

Check Valve



SIZE	STOCK NO	EACH
½"	12SBCHVA	21.00
¾"	34SBCHVA	24.50

Contractor Kit



The SharkBite Contractor Kit is a great toolkit with an arrangement of popular SharkBite fittings and accessories.

MODEL	STOCK NO	EACH
22486LF	SBCOKIT	262.50

Disconnect Clips
Shark Bite



SIZE	STOCK NO	EACH
½"	12SBCLIP	2.07
¾"	34SBCLIP	2.07
1"	1SBCLIP	2.07
1¼"	114SBCLIP	6.86
1½"	112SBCLIP	10.15
2"	2SBCLIP	13.30

SharkBite Push-Fit Flexible Hoses



SIZE	STOCK NO	EACH
24" Water Softener Hose		
¾" x 1"FIP	34124SBWSC	23.10
18" Coupling Hose		
¾" x ¾"	3418SBWHC	21.35
18" Water Heater Connectors with Ball Valve		
½"SB x ¾"FIP	123418SBWHCBV	39.20
¾"SB x ¾"FIP	3418SBWHCBV	44.80

Speedfit® 90° Elbow



Twist & Lock

SIZE	STOCK NO	EACH
½"	12SFL	5.91
¾"	34SFL	8.89
1"	1SFL	14.92

Speedfit® Straight Tee



Twist & Lock

SIZE	STOCK NO	EACH
½"	12SFT	6.06
¾"	34SFT	10.10
1"	1SFT	18.95

Speedfit® Coupling



Twist & Lock

SIZE	STOCK NO	EACH
½"	12SFC	5.15
¾"	34SFC	6.79
1"	1SFC	13.16

Speedfit® Cap



Twist & Lock

SIZE	STOCK NO	EACH
½"	12SFCAP	4.22
¾"	34SFCAP	5.33
1"	1SFCAP	8.55

Speedfit® Male Adapter

Twist & Lock

SIZE	STOCK NO	EACH
¾"	34SFMA	6.52
1"	1SFMA	10.64

See page 524
Water Filtration Products for smaller Speedfit sizes

ProPress System

Ridgid Tools (40)

ridgid.com



ProPress RP 350 Cordless Crimp Tool Kit

- Includes jaws for ½" to 2"
- Fits jaws up to 4"
- Copper & Stainless Steel
- 360° head swivel
- 18V Battery and Carrying Case

Not included: ½" to 2" PEX (with additional jaws)
½" to 4" for carbon steel (with Press Booster)

STOCK NO	EACH
PP67053	4910.89



(40)

18V Lithium Ion Batteries

DESCRIPTION	STOCK NO	EACH
2.5 Ah	RI56513	232.13
5.0 Ah	RI56518	310.23

Link APP



ProPress RP 240 Battery Crimp Tool Kit

15% Smaller and 10% lighter, with pistol grip.
Includes Crimp Tool with ½" - 1¼" Jaw Set,
(2) 12V Batteries, Charger, and Carrying Case.

JAW SIZES	STOCK NO	EACH
½ - 1¼"	PP57398	2976.65



ProPress Compact Jaws

SIZE	STOCK NO	EACH
½"	PP16958	217.51
¾"	PP16963	217.51
1"	PP16978	217.51
1¼"	PP31228	223.75



ProPress Crimping Rings

3-Ring Kit with 2½, 3 & 4" Crimp Rings,
Ring Acuator and Carrying Case.
FOR XL-C FITTINGS ONLY!

STOCK NO	EACH
PP20483	4097.77

Rental

PP20483RU	Call for Pricing



(40)

ProPress Jaws

For ProPress ONLY!

SIZE	STOCK NO	EACH
½"	PP76652	298.29
¾"	PP76657	298.29
1"	PP76662	298.29
1¼"	PP76667	298.29
1½"	PP76672	348.07
2"	PP76677	397.82

Milwaukee Tools (40)

milwaukeetools.com



ONE-KEY APP

M18™ FORCE LOGIC™ Press Tool Kit with ONE-KEY™

2922-22 Kit Includes:

- 2922-20 Force Logic Press Tool
- (2) M18™ REDLITHIUM™ CP2.0 Batteries
- Charger & Carrying Case
- ½", ¾", 1", 1¼", 1½" & 2" Copper Press Jaws

STOCK NO	EACH
MIOKPRESSTO	4442.80
MIOKPRESSTONJ (NO JAWS)	3178.40



IPS-P Press Jaw Kit For M18™ FORCE LOGIC™

49-16-2696 Kit Includes:

- ½" IPS-P Press Jaw
- ¾" IPS-P Press Jaw
- 1" IPS-P Press Jaw

STOCK NO	EACH
MIMPSMJAWKIT	1241.68



M12™ FORCE LOGIC™ Press Tool Kit

2473-22 Kit Includes:

- 2473-20 Press Tool
- (2) 12v REDLITHIUM Batteries
- Charger & Carrying Case
- ½", ¾" & 1" Copper Press Jaws

STOCK NO	EACH
MIPRESSCOTO	2621.60
MIPRESSCOTONJ (NO JAWS)	2064.80



M12™ FORCE LOGIC™ Press Jaw

49-16-2453

SIZE	STOCK NO	EACH
1¼"	MI114COJA	254.32



CTS-V Pivoting Press Rings Kit

49-16-2490X

RING CAPACITY	STOCK NO	EACH
½" - 1¼"	MICOJAKIT	2737.68
½" - 2"	MIM18PCOJAWKIT	4562.80
2½" - 4"	MIXLRINGS	3944.00

For PEX Jaws and M18™ Short Throw Press Tool Kit See Page 1215

See page 1907 for REDLITHIUM Batteries and additional Milwaukee Tools

See page 1004 for Milwaukee Tools Black Iron Press Jaws



90° Elbow
Copper to Copper

SIZE	STOCK NO	EACH
Copper Elbow		
½"	PP77317	3.91
¾"	PP77022	6.30
1"	PP77027	12.57
1¼"	PP77032	24.64
1½"	PP77037	46.08
2"	PP77042	64.69
XL-C Copper Elbow		
2½"	PP20623	177.57
3"	PP20628	223.41
4"	PP20633	276.38



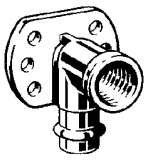
Reducing 90° Elbow
Copper to Copper

SIZE	STOCK NO	EACH
¾ x ½"	PP77325	9.47
1 x ¾"	PP77330	21.82



90° Elbow
Fitting to Copper

SIZE	STOCK NO	EACH
Copper Elbow		
½"	PP77347	3.79
¾"	PP77052	6.56
1"	PP77057	14.99
1¼"	PP77062	26.82
1½"	PP77067	48.75
2"	PP77072	67.73
XL-C Copper Elbow		
2½"	PP20638	198.86
3"	PP20643	231.24
4"	PP20648	294.46



90° Drop Elbow
Copper to Fitting with Wall Plate

SIZE	STOCK NO	EACH
Bronze Drop Elbow		
½ x ½"	PP79190	19.30
¾ x ¾"	PP79195	40.08



90° Elbow
Copper by Female NPT

SIZE	STOCK NO	EACH
Bronze Elbow		
½ x ½"	PP79525	13.89
¾ x ½"	PP79535	34.94
¾ x ¾"	PP79540	POA*
2" x 2"	PP79570	125.26

***Price on Application**



45° Elbow
Copper to Copper

SIZE	STOCK NO	EACH
Copper Elbow		
½"	PP77607	4.73
¾"	PP77023	5.55
1"	PP77028	17.64
1¼"	PP77033	24.59
1½"	PP77038	39.43
2"	PP77043	54.68
XL-C Copper Elbow		
2½"	PP20653	119.58
3"	PP20658	167.59
4"	PP20663	237.21



45° Elbow
Fitting to Copper

SIZE	STOCK NO	EACH
Copper Elbow		
½"	PP77637	3.73
¾"	PP77053	5.28
1"	PP77058	17.21
1¼"	PP77063	24.61
1½"	PP77068	37.22
2"	PP77073	55.75
XL-C Copper Elbow		
2½"	PP20668	145.87
3"	PP20673	210.99
4"	PP20678	266.55



Spring Check Valve
Copper to Copper

SIZE	STOCK NO	EACH
½"	PP79035	31.20
¾"	PP79040	39.91
1"	PP79045	46.00
1¼"	PP79050	65.91
1½"	PP79055	93.55
2"	PP79060	170.25

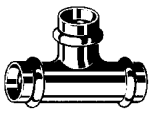


Di-electric Union
Bronze - Copper to Female NPT

SIZE	STOCK NO	EACH
½"	PP79155	60.32
¾"	PP79160	64.63
1"	PP79165	82.92
1¼"	PP79170	104.98
1½"	PP79175	122.14
2"	PP79180	171.38

Tee

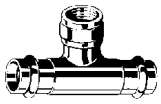
Copper to Copper to Copper



SIZE	STOCK NO	EACH
Copper Tee		
½"	PP77377	5.95
½ x ½ x ¾"	PP77382	21.27
¾"	PP77387	10.42
¾ x ½ x ½"	PP77392	16.67
¾ x ½ x ¾"	PP77397	17.97
¾ x ¾ x ½"	PP77402	9.10
¾ x ¾ x 1"	PP77407	34.44
1"	PP77412	19.08
1 x ½ x 1"	PP94767	33.02
1 x ¾ x ½"	PP77417	34.86
1 x ¾ x ¾"	PP77422	30.67
1 x ¾ x 1"	PP77427	34.63
1 x 1 x ½"	PP77432	22.24
1 x 1 x ¾"	PP77437	21.70
1 x 1 x 1¼"	PP15488	59.84
1¼"	PP77442	31.64
1¼ x 1 x ¾"	PP94762	32.81
1¼ x 1 x 1"	PP14568	35.99
1¼ x 1¼ x ½"	PP94757	27.53
1¼ x 1¼ x ¾"	PP77452	28.94
1¼ x 1¼ x 1"	PP77447	31.21
1½"	PP77457	60.20
1½ x 1 x ¾"	PP79660	80.64
1½ x 1 x 1"	PP15458	91.73
1½ x 1 x 1½"	PP15463	100.61
1½ x 1¼ x 1"	PP15453	81.76
1½ x 1¼ x 1¼"	PP15483	60.39
1½ x 1½ x ½"	PP15448	65.33
1½ x 1½ x ¾"	PP77462	53.49
1½ x 1½ x 1"	PP77467	55.50
1½ x 1½ x 1¼"	PP77472	59.59
2"	PP77477	74.38
2 x 1¼ x 1¼"	PP15518	134.34
2 x 1½ x ¾"	PP15513	115.20
2 x 1½ x 1"	PP15498	113.73
2 x 1½ x 1¼"	PP15508	117.46
2 x 1½ x 1½"	PP15503	119.09
2 x 2 x ½"	PP15538	102.94
2 x 2 x ¾"	PP94777	87.03
2 x 2 x 1"	PP94772	89.95
2 x 2 x 1½"	PP77482	68.92
2 x 2 x 1¼"	PP77487	91.66
XL-C Copper Tee		
2½"	PP20683	223.60
2½ x 2 x 1½"	PP22283	297.52
2½ x 2 x 2"	PP22278	261.38
2½ x 2½ x ½"	PP22303	279.87
2½ x 2½ x 1"	PP22293	305.93
2½ x 2½ x 1¼"	PP22288	311.83
2½ x 2½ x 1½"	PP20803	297.97
2½ x 2½ x 2"	PP20688	262.66
3"	PP20693	274.21
3 x 3 x ¾"	PP22323	319.03
3 x 3 x 1"	PP22308	328.61
3 x 3 x 1¼"	PP22313	328.61
3 x 3 x 1½"	PP20798	328.61
3 x 3 x 2"	PP20698	315.46
3 x 3 x 2½"	PP20703	348.03
4"	PP20708	392.13
4 x 4 x 1½"	PP20808	411.85
4 x 4 x 2"	PP20713	354.94
4 x 4 x 2½"	PP20718	338.20
4 x 4 x 3"	PP20723	370.73

Tee

Copper to Copper to NPT Fitting



SIZE	STOCK NO	EACH
Bronze Tee		
½ x ½ x ½"	PP79580	20.60
¾ x ¾ x ¼"	PP79585	28.62
¾ x ¾ x ½"	PP79590	27.94
¾ x ¾ x ¾"	PP79595	34.97
1 x 1 x ½"	PP79760	35.75
1 x 1 x ¾"	PP79765	42.25
1¼ x 1¼ x ½"	PP79770	49.20
1¼ x 1¼ x ¾"	PP79775	51.00
1½ x 1½ x ½"	PP79780	58.30
1½ x 1½ x ¾"	PP79785	84.70
2 x 2 x ½"	PP79790	70.99

Baseboard Tee

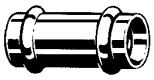
Copper to Fitting to Copper



SIZE	STOCK NO	EACH
½ x ⅛ x ½"	PP79635	27.88
¾ x ⅛ x ¾"	PP79640	30.36

Coupling

Copper to Copper



SIZE	STOCK NO	EACH
Copper Coupling with Stop		
½"	PP78047	3.52
¾"	PP78052	5.33
1"	PP78057	10.68
1¼"	PP78062	13.24
1½"	PP78067	24.13
2"	PP78072	30.79
XL-C Copper Coupling with Stop		
2½"	PP20728	87.63
3"	PP20733	111.57
4"	PP20738	157.88
Copper Coupling without Stop		
½"	PP78172	8.70
¾"	PP78177	11.43
1"	PP78182	14.52
1¼"	PP78187	21.70
1½"	PP78192	32.78
2"	PP78197	37.43
XL-C Copper Coupling without Stop		
2½"	PP20743	88.83
3"	PP20748	114.70
4"	PP20753	157.64

Bronze Insert Stiffener

For use with ¾" Finned Tube.



SIZE	STOCK NO	EACH
¾"	PP16423	2.64

Union

Copper to Copper



SIZE	STOCK NO	EACH
Bronze Union		
½"	PP79125	30.69
¾"	PP79130	38.01
1"	PP79135	61.87
1¼"	PP79140	86.49
1½"	PP79145	113.18
2"	PP79150	181.29

Reducer

Copper to Copper



SIZE	STOCK NO	EACH
Copper Reducer		
¾ x ½"	PP78147	16.10
1 x ½"	PP15603	29.69
1 x ¾"	PP78152	18.81
1¼ x ¾"	PP15593	42.20
1¼ x 1"	PP78157	27.25
1½ x ¾"	PP18473	50.43
1½ x 1"	PP15588	45.28
1½ x 1¼"	PP78162	40.09
2 x ¾"	PP18468	47.96
2 x 1"	PP15608	69.83
2 x 1¼"	PP22328	58.11
2 x 1½"	PP78167	45.13
XL-C Copper Reducer		
2½ x 1½"	PP20695	187.33
2½ x 2"	PP20700	178.43
3 x 1½"	PP20705	207.27
3 x 2"	PP20710	207.80
3 x 2½"	PP20715	243.62
4 x 2"	PP20720	258.43
4 x 2½"	PP20725	285.31
4 x 3"	PP20730	314.11

Reducer

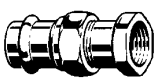
Fitting to Copper



SIZE	STOCK NO	EACH
Copper Reducer		
¾ x ½"	PP78077	4.14
1 x ½"	PP78082	10.70
1 x ¾"	PP78087	10.91
1¼ x ½"	PP22333	12.21
1¼ x ¾"	PP78092	12.65
1¼ x 1"	PP78097	14.24
1½ x ½"	PP79850	35.01
1½ x ¾"	PP14543	21.15
1½ x 1"	PP78102	20.88
1½ x 1¼"	PP78107	21.02
2 x ½"	PP79855	44.61
2 x ¾"	PP79860	44.24
2 x 1"	PP78112	23.68
2 x 1¼"	PP78117	28.97
2 x 1½"	PP78122	28.18
XL-C Copper Reducer		
2½ x 1½"	PP20813	130.89
2½ x 2"	PP20758	112.55
3 x 1½"	PP20818	143.18
3 x 2"	PP20763	139.35
3 x 2½"	PP20768	143.54
4 x 2"	PP20773	160.37
4 x 2½"	PP20778	175.21
4 x 3"	PP20783	185.17

Union

Copper by Female NPT



SIZE	STOCK NO	EACH
Bronze Union		
½ x ½"	PP79700	24.57
¾ x ¾"	PP79705	31.56
1 x 1"	PP79710	52.26
1¼ x 1¼"	PP79715	62.39
1½ x 1½"	PP79720	98.05
2 x 2"	PP79725	129.88

Union

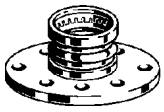
Copper by Male NPT



SIZE	STOCK NO	EACH
Bronze Union		
½ x ½"	PP79730	26.77
¾ x ¾"	PP79735	37.04
1 x 1"	PP79740	54.18
1¼ x 1¼"	PP79745	75.48
1½ x 1½"	PP79750	105.26
2 x 2"	PP79755	137.62

Adapter Flange

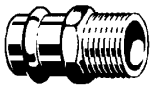
Copper by Flange



SIZE	STOCK NO	EACH
Bronze Adapter		
2"	PP79695	280.45
2½"	PP20853	271.58
3"	PP20858	329.15
4"	PP20863	368.24

Adapter

Copper by Male NPT



SIZE	STOCK NO	EACH
Bronze Adapter		
½ x ⅜"	PP79210	7.32
½ x ½"	PP79215	4.52
½ x ¾"	PP79220	9.45
¾ x ½"	PP79225	9.90
¾ x ¾"	PP79230	8.10
¾ x 1"	PP79235	22.54
1 x ¾"	PP79240	24.85
1 x 1"	PP79245	15.09
1 x 1¼"	PP79250	31.48
1¼ x 1"	PP79255	34.24
1¼ x 1¼"	PP79260	31.13
1¼ x 1½"	PP79265	36.55
1½ x 1¼"	PP79270	45.91
1½ x1½"	PP79275	43.63
2 x 2"	PP79290	83.95
XL-C Copper Adapter		
2½ x 2½"	PP20823	180.99
3 x 3"	PP20828	227.70
4 x 4"	PP20838	278.47

Adapter

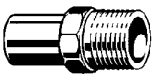
Copper by Female NPT



SIZE	STOCK NO	EACH
Bronze Adapter		
½ x ½"	PP79300	5.64
½ x ¾"	PP79305	11.92
¾ x ½"	PP79310	8.72
¾ x ¾"	PP79315	8.77
1 x ¾"	PP79325	31.24
1 x 1"	PP79330	16.77
1 x 1¼"	PP79335	32.16
1¼ x 1"	PP79345	37.36
1¼ x 1¼"	PP79350	37.02
1½ x1½"	PP79365	51.85
2 x 2"	PP79370	86.30
XL-C Copper Adapter		
2½ x 2½"	PP20819	204.31
3 x 3"	PP20829	334.59
4 x 4"	PP20839	431.13

Adapter

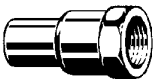
Fitting by Male NPT



SIZE	STOCK NO	EACH
Bronze Adapter		
½ x ½"	PP79380	16.39
¾ x ½"	PP79390	26.90
¾ x ¾"	PP79395	27.37
1 x 1"	PP79405	40.93
1¼ x 1¼"	PP79410	51.24
1½ x1½"	PP79415	76.43
2 x 2"	PP79420	112.47

Adapter

Fitting by Female NPT



SIZE	STOCK NO	EACH
Bronze Adapter		
½ x ½"	PP79430	17.95
¾ x ½"	PP79440	23.11
¾ x ¾"	PP79445	25.96
1 x 1"	PP79450	40.44
1¼ x 1¼"	PP79465	67.69
1½ x1½"	PP79470	75.48
2 x 2"	PP79475	127.84

Cross-Over

Copper to Copper



SIZE	STOCK NO	EACH
½"	PP77742	26.57
¾"	PP77747	33.02

Cap



SIZE	STOCK NO	EACH
Copper Cap		
½"	PP77712	7.47
¾"	PP77717	12.81
1"	PP77722	19.73
1¼"	PP77727	22.71
1½"	PP77732	35.20
2"	PP77737	42.77
XL-C Copper Cap		
2½"	PP20833	125.04
3"	PP20843	158.28
4"	PP20848	184.53

Sealing Elements

FKM Gaskets



SIZE	STOCK NO	EACH
½"	PP17768	1.87
¾"	PP17778	2.81
1"	PP17788	3.27

Apollo-Press Full Port Ball Valve



SIZE	STOCK NO	EACH
Press x Press • Lead Free Bronze		
½"	1277W103	37.21
¾"	3477W104	50.17
1"	177W105	63.97
1¼"	11477W106	117.42
1½"	11277W107	161.70
2"	277W108	233.27
Press x Press • Lead Free Bronze Stainless Steel Ball & Stem		
½"	1277WLF143	57.32
¾"	3477WLF144	85.94
1"	177WLF145	113.31
1¼"	11477WLF146	210.97
1½"	11277WLF147	259.13
2"	277WLF148	384.17
Press x Press • XL-C Full Port Ball Valve		
2½"	21277VLF109	723.06
3"	377VLF100	941.66
4"	477VLF14A	1321.21

Apollo-Press Full Port Ball Valve



Press x Hose Cap & Chain • 300 CWP

SIZE	STOCK NO	EACH
½"	1277W103HCA	48.54
¾"	3477W104HCA	67.37

LEAD FREE

Viega ProPress Spring Check Valve



- For potable water installations
- Bronze
- Press connection
- Inline

SIZE	STOCK NO	EACH
½"	PP79035	31.20
¾"	PP79040	39.91
1"	PP79045	46.00
1¼"	PP79050	65.91
1½"	PP79055	93.55
2"	PP79060	170.25

LEAD FREE

Viega ProPress ball valve with Hose Connection



- For potable water installations
- Bronze
- Press connection, hose connection
- Full port

SIZE	STOCK NO	EACH
½"	PP79875	61.65
¾"	PP79876	62.76

Viega ProPress ball valve with Hose Connection



- For non-potable application
- Bronze, brass
- Press connection, hose connection
- Full port

SIZE	STOCK NO	EACH
½"	PP24090	38.64
¾"	PP24095	54.00

Milwaukee Ultra Pure™ Full Port Ball Press Valve



Press x Press

SIZE	STOCK NO	EACH
½"	12UPBA480B	41.54
¾"	34UPBA480B	60.88
1"	1UPBA480B	78.67
1¼"	114UPBA480B	148.43
1½"	112UPBA480B	209.27
2"	2UPBA480B	308.74
2½"	212UPBA480B	788.33
3"	3UPBA480B	1036.10
4"	4UPBA480B	1535.11

(55)

Milwaukee Ultra Pure™ Press Check Valve



200 P.S.I. • Horizontal Swing

SIZE	STOCK NO	EACH
½"	12UP969	65.49
¾"	34UP969	89.51
1"	1UP969	124.44
1¼"	114UP969	242.33
1½"	112UP969	317.64
2"	2UP969	485.75

BA475B/BA480B/BA485B Accessories

SIZE	STOCK NO	EACH
Memory Stop		
¼ -½"	8662D940	3.66
¾ - 1"	8662F940	3.96
1¼ - 2"	8662J940	4.92
2½ - 3"	8662K940	4.92
XH Extension Stem		
¼ - ½"	EXTEN15XA	11.42
¾ - 1½"	EXTEN25XA	13.92
2"	EXTEN38XA	19.01
2½" - 3"	EXTEN50XA	36.71
Locking Handle		
¼ -½"	27995AMV	8.85
¾ - 1"	27996AMV	11.84
1¼ - 1½"	27997AMV	17.70
2"	27998AMV	23.28

Viega lockable stem extension



- For valve top
- Suitable for Viega ProPress ball valves
- Brass

SIZE	STOCK NO	EACH
½" - ¾"	PP23500	31.50
1" - 1 ¼"	PP23505	37.81
1 ½" - 2"	PP23510	50.41
2 ½" - 4"	PP78312	176.49

LEAD FREE

Cimberio Full Port Ball Valve



Press x Press

SIZE	STOCK NO	EACH
½"	C1220NL04	15.65
¾"	C1220NL06	19.81
1"	C1220NL07	26.94
1¼"	C1220NL08	48.53
1½"	C1220NL09	69.94
2"	C1220NL10	114.63
2½"	C1220NLC11	257.47
3"	C1220NLC12	336.26
4"	C1220NLC14	582.85

LEAD FREE

Series JP-110G 2 Piece, Stop & Waste, Full port Brass Ball Valves



Features:

- Dezincication resistant brass
- Gland follower and single o-ring stem design
- Blow-out proof stem
- Side Drain/Bleeder
- 100% leak tested
- IAMPO Certified, NSF 372, NSF 14

250 WOG • Max 250° F • Press Connections

SIZE	STOCK NO	EACH
½"	12JPBVD	21.27
¾"	34JPBVD	29.08
1"	1JPBVD	39.90

LEAD FREE

Viega ProPress ball valve



- For potable water installations
- Bronze
- Press connection
- Full port

SIZE	STOCK NO	EACH
Stainless Steel Ball & Stem		
½"	PP79923	53.32
¾"	PP79928	62.87
1"	PP79933	82.41
1 ¼"	PP79938	153.07
1 ½"	PP79943	241.43
2"	PP79948	348.19
Chrome-plated brass ball, lockable metal handle		
2 ½"	PP78300	497.14
3"	PP78305	606.27
4"	PP78310	970.03

Refrigeration Press Fittings (47c)

conexbanninger.com



90° Elbows

Press to Press

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/4"	5	CO14COLCB	13.14
3/8"	5	CO38COLCB	19.16
1/2"	3	CO12COLCB	21.25
5/8"	3	CO58COLCB	21.88
3/4"	3	CO34COLCB	27.65
7/8"	3	CO78COLCB	25.83
1 1/8"	2	CO118COLCB	32.71
1 3/8"	1	CO138COLCB	50.02



90° Street Elbows

Press to Solder

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
3/8"	3	CO38COSLCB	26.51
1/2"	3	CO12COSLCB	27.07
5/8"	3	CO58COSLCB	30.21
3/4"	3	CO34COSLCB	31.80
7/8"	3	CO78COSLCB	34.76
1 1/8"	2	CO118COSLCB	38.29
1 3/8"	1	CO138COSLCB	58.08



45° Elbows

Press to Press

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/4"	3	CO14CO45LCB	23.12
3/8"	3	CO38CO45LCB	25.69
1/2"	3	CO12CO45LCB	28.51
5/8"	3	CO58CO45LCB	28.53
3/4"	3	CO34CO45LCB	31.33
7/8"	3	CO78CO45LCB	34.98
1 1/8"	2	CO118CO45LCB	43.84
1 3/8"	2	CO138CO45LCB	66.89



Refrigerant Flare

Press to Male flare connector

When possible make the flare connection prior to pressing the >B< MaxiPro Joint.

SAE Copper Flare - Brass Nut

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/4"	4	CO14COFLCB	12.46
3/8"	4	CO38COFLCB	15.54
1/2"	2	CO12COFLCB	19.08
5/8"	2	CO58COFLCB	21.42
3/4"	2	CO34COFLCB	29.96



Couplings

Press to Press

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/4"	5	CO14COCCB	6.23
3/8"	5	CO38COCCB	9.52
1/2"	5	CO12COCCB	11.94
5/8"	5	CO58COCCB	15.35
3/4"	2	CO34COCCB	17.54
7/8"	2	CO78COCCB	24.24
1 1/8"	2	CO118COCCB	27.65
1 3/8"	2	CO138COCCB	33.55



Caps

Press

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/4"	3	CO14COCAPCB	7.47
3/8"	3	CO38COCAPCB	10.96
1/2"	3	CO12COCAPCB	13.11
5/8"	2	CO58COCAPCB	14.51
3/4"	2	CO34COCAPCB	16.77
7/8"	2	CO78COCAPCB	18.29
1 1/8"	1	CO118COCAPCB	20.56
1 3/8"	1	CO138COCAPCB	30.40



Tees

Press to Press to Press

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/4"	3	CO14COTCB	26.65
3/8"	3	CO38COTCB	29.21
1/2"	3	CO12COTCB	31.45
5/8"	2	CO58COTCB	33.15
3/4"	2	CO34COTCB	36.61
7/8"	2	CO78COTCB	39.34
1 1/8"	1	CO118COTCB	50.56
1 3/8"	1	CO138COTCB	82.79



Reducing Couplings

Press to Press

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
1/2" x 3/8"	2	CO12X38CORCB	19.27
5/8" x 3/8"	2	CO58X38CORCB	19.57
5/8" x 1/2"	2	CO58X12CORCB	20.86
3/4" x 3/8"	2	CO34X38CORCB	27.95
3/4" x 1/2"	2	CO34X12CORCB	20.67
3/4" x 5/8"	2	CO34X58CORCB	24.54
7/8" x 1/2"	2	CO78X12CORCB	22.54
7/8" x 5/8"	2	CO78X58CORCB	30.14
7/8" x 3/4"	2	CO78X34CORCB	32.20
1 1/8" x 5/8"	1	CO118X58CORCB	36.07
1 1/8" x 3/4"	1	CO118X34CORCB	33.55
1 1/8" x 7/8"	1	CO118X78CORCB	39.06
1 3/8" x 7/8"	1	CO138X78CORCB	39.99
1 3/8" x 1 1/8"	1	CO138X118CORCB	48.34



Fitting Reducing Couplings

Press to Solder

Must order in bag quantities

SIZE	BAG QTY	STOCK NO	EACH FTG
3/8" x 1/4"	2	CO38X14COFRCB	18.29
1/2" x 3/8"	2	CO12X38COFRCB	17.61
5/8" x 3/8"	2	CO58X38COFRCB	16.59
5/8" x 1/2"	2	CO58X12COFRCB	16.59
3/4" x 1/2"	2	CO34X12COFRCB	22.35
3/4" x 5/8"	2	CO34X58COFRCB	24.38
7/8" x 1/2"	2	CO78X12COFRCB	18.29
7/8" x 5/8"	2	CO78X58COFRCB	19.64
7/8" x 3/4"	2	CO78X34COFRCB	20.32
1 1/8" x 1/2"	1	CO118X12COFRCB	23.70
1 1/8" x 5/8"	1	CO118X58COFRCB	25.04
1 1/8" x 3/4"	1	CO118X34COFRCB	26.41
1 1/8" x 7/8"	1	CO118X78COFRCB	28.44



Rothenberger >B< MaxiPro Press Jaw Kit

- Rotary Tube Cutter
- Pencil type deburrer
- Rovlies® copper cleaning pad
- Depth Gauge and Marker
- Large Press Jaws & Case:
- 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", & 1 1/8"

STOCK NO	EACH
COROJAWS	3091.24
Compact Press Jaw Kit: 6 Pieces 1/4" - 7/8"	
COROCOJAWS	2888.04
Large Press Jaw Kit: 1 3/8"	
CORO138JA	629.62



Fig. 608N Copper Grooved Butterfly Valves

- Designed to provide bubble-tight shut-off in both directions to 300 PSI
- Cast bronze body
- EPDM disc
- Lever handle w/memory stop

SIZE	STOCK NO	EACH
2½"	V024362211	3227.77
3"	V030362211	3547.96
4"	V040362211	4487.13
6"	V060362211	6098.42

Victaulic®



No. 610 Copper 90° Grooved Elbows

SIZE	STOCK NO	EACH
2"	2V610	307.87
2½"	212V610	333.15
3"	3V610	464.07
4"	4V610	1059.72
6"	6V610	4776.85

No. 611 Copper 45° Grooved Elbows

SIZE	STOCK NO	EACH
2"	2V611	307.87
2½"	212V611	333.15
3"	3V611	464.07
4"	4V611	1059.72
6"	6V611	4776.85



No. 620 Copper Grooved Tees

SIZE	STOCK NO	EACH
2"	2V620	499.72
2½"	212V620	531.48
3"	3V620	790.09
4"	4V620	1725.37
6"	6V620	5953.23



No. 625 Copper Grooved Reducing Tees

SIZE	STOCK NO	EACH
3x2"	3X2V625	1016.94
3x2½"	3X212V625	1339.72
4x2"	4X2V625	2265.28
4x2½"	4X212V625	2265.28
4x3"	4X3V625	2265.28
6x3"	6X3V625	8428.51
6x4"	6X4V625	8428.51



No. 660 Copper Grooved Caps

With E Gasket

SIZE	STOCK NO	EACH
2½"	212V660	313.70
3"	3V660	387.59
4"	4V660	580.09
6"	6V660	1184.17



No. 641 Copper Grooved Flanges

SIZE	STOC2K NO	EACH
2½"	212V641	1390.28
3"	3V641	1457.04
4"	4V641	1593.79
6"	6V641	2332.03



No. 607 Rigid Copper Couplings

With EHP Gasket

SIZE	STOCK NO	EACH
2"	2V607	137.41
2½"	212V607	152.62
3"	3V607	170.78
4"	4V607	255.68
6"	6V607	561.41



No. 650 GxG Copper Grooved Reducers

SIZE	STOCK NO	EACH
3x2"	3X2V650	440.09
3x2½"	3X212V650	440.09
4x2"	4X2V650	894.44
4x2½"	4X212V650	894.44
4x3"	4X3V650	894.44
6x3"	6X3V650	2709.90
6x4"	6X4V650	2709.90



No. 652 GxSwt Copper Grooved Reducer

SIZE	STOC2K NO	EACH
2x1½"	2X112V652	363.61
2½x2"	212X2V652	444.63
3x2"	3X2V652	550.93

No. 647 Copper x IPS Dielectric Fitting

SIZE	STOC2K NO	EACH
2"	2V647GG	682.96
2½"	212V647GG	764.44
3"	3V647GG	1168.15
4"	4V647GG	2335.55

Brass Flared Fittings (02a)

brasscraft.com

Forged Two Way Elbows



No 155

TUBE O.D.	STOCK NO	EACH
1/2"	12FCFL	12.57
5/8"	58FCFL	18.42

Flare Two Way Elbows

No 55

TUBE O.D.	STOCK NO	EACH
3/8"	38CFL	6.40
1/2"	12CFL	7.18
5/8"	58CFL	11.30

Forged Male Elbows



No 149

O.D.	I.P.T.	STOCK NO	EACH
1/4	1/8	14X18FCFMAL	5.97
1/4	1/4	14X14FCFMAL	5.72
3/8	1/4	38X14FCFMAL	4.49
3/8	3/8	38X38FCFMAL	9.07
3/8	1/2	38X12FCFMAL	6.90
1/2	1/2	12X12FCFMAL	12.47
5/8	1/2	58X12FCFMAL	17.15
5/8	3/4	58X34FCFMAL	22.73

Flare Male Elbows

No 49

O.D.	I.P.T.	STOCK NO	EACH
1/4	1/8	14X18CFMAL	5.26
1/4	1/4	14X14CFMAL	3.61
3/8	1/4	38X14CFMAL	4.33
3/8	3/8	38X38CFMAL	4.59
3/8	1/2	38X12CFMAL	6.09
1/2	3/8	12X38CFMAL	8.24
1/2	1/2	12X12CFMAL	7.20
5/8	1/2	58X12CFMAL	12.02
5/8	3/4	58X34CFMAL	14.02

Forged Female Elbows



No 150

O.D.	I.P.T.	STOCK NO	EACH
1/4	1/8	14X18FCFFAL	4.27
3/8	1/4	38X14FCFFAL	5.85
3/8	3/8	38X38FCFFAL	10.38

Flare Female Elbows

No 150

O.D.	I.P.T.	STOCK NO	EACH
3/8	3/8	38X38CFFAL	5.13
1/2	3/8	12X38CFFAL	8.40
1/2	1/2	12X12CFFAL	14.91
5/8	1/2	58X12CFFAL	10.01

Forged Tees



TUBE O.D.	STOCK NO	EACH
Three Way All - No 144		
1/4"	14FCFT	4.28
3/8"	38FCFT	10.41
1/2"	12FCFT	15.94
5/8"	58FCFT	24.72
Reducing - No 144-R		
1/2 x 3/8"	12X38FCFT	13.10

Flare Tees



TUBE O.D.	STOCK NO	EACH
Three Way All - No 44		
1/4"	14CFT	6.07
3/8"	38CFT	6.29
1/2"	12CFT	8.48
5/8"	58CFT	15.09
Reducing - No 44-R		
1/2 x 3/8"	12X38CFT	9.21
5/8 x 3/8"	58X38CFT	19.93
5/8 x 1/2"	58X12CFT	20.44

Unions



TUBE O.D.	STOCK NO	EACH
Standard - No 42		
1/4"	14CFU	1.91
3/8"	38CFU	2.13
1/2"	12CFU	3.16
5/8"	58CFU	7.65
Reducing - No 42-R		
3/8 x 1/4"	38X14CFU	3.53
1/2 x 3/8"	12X38CFU	5.23
5/8 x 1/2"	58X12CFU	8.79

Male Adapters



No 48-F

O.D.	I.P.T.	STOCK NO	EACH
1/4	1/8	14X18CFMA	1.49
1/4	1/4	14X14CFMA	1.43
1/4	3/8	14X38CFMA	3.88
3/8	1/8	38X18CFMA	2.99
3/8	1/4	38X14CFMA	1.85
3/8	3/8	38X38CFMA	2.11
3/8	1/2	38X12CFMA	3.25
3/8	3/4	38X34CFMA	7.85
1/2	1/4	12X14CFMA	4.76
1/2	3/8	12X38CFMA	2.98
1/2	1/2	12X12CFMA	3.27
1/2	3/4	12X34CFMA	5.41
5/8	1/2	58X12CFMA	3.96
5/8	3/4	58X34CFMA	6.17

Female Connectors



No. 46-F

O.D.	I.P.T.	STOCK NO	EACH
3/8	1/4	38X14CFFA	2.64
3/8	3/8	38X38CFFA	2.62
3/8	1/2	38X12CFFA	3.20
1/2	3/8	12X38CFFA	4.35
1/2	1/2	12X12CFFA	3.66
1/2	3/4	12X34CFFA	7.82
5/8	1/2	58X12CFFA	6.17

Short Flare Nuts



No 41-FS

TUBE O.D.	STOCK NO	EACH
1/8"	18CFN	1.60
1/4"	14CFN	.89
3/8"	38CFN	1.31
1/2"	12CFN	1.95
5/8"	58CFN	2.97
1/2 x 3/8"	12X38CFN	6.38
5/8 x 1/2"	58X12CFN	7.18

Refrigeration Flare Nuts



No 141-S

TUBE O.D.	STOCK NO	EACH
1/4"	14CFRN	4.91
5/16"	516CFRN	2.77
3/8"	38CFRN	2.39
1/2"	12CFRN	2.94
5/8"	58CFRN	4.12
3/4"	34CFRN	21.76
7/8"	78CFRN	34.29

Flare Caps



No 40

TUBE O.D.	STOCK NO	EACH
1/4"	14CFCAP	.75
3/8"	38CFCAP	1.62
1/2"	12CFCAP	1.79
5/8"	58CFCAP	5.30

Flare Plugs



No 639-F

TUBE O.D.	STOCK NO	EACH
3/8"	38CFP	1.59
1/2"	12CFP	3.89
5/8"	58CFP	6.43

Swivel Nuts



No 670-F

TUBE O.D.	STOCK NO	EACH
3/8"	38CFSN	7.82
1/2"	12CFSN	13.99
5/8"	58CFSN	13.10

Brass Compression Fittings (02a)

brasscraft.com



Male Elbows

TUBE O.D.	I.P.	STOCK NO	EACH
1/8	1/8	18X18CCMAL	4.29
3/16	1/8	316X18CCMAL	3.96
1/4	1/8	14X18CCMAL	5.72
1/4	1/4	14X14CCMAL	6.76
3/8	1/4	38X14CCMAL	5.99
3/8	3/8	38X38CCMAL	7.01
3/8	1/2	38X12CCMAL	9.31
1/2	3/8	12X38CCMAL	8.93
1/2	1/2	12X12CCMAL	25.75
5/8	3/8	58X38CCMAL	11.11
5/8	1/2	58X12CCMAL	18.58



Tees

Tube all 3 Ends

TUBE O.D.	STOCK NO	EACH
1/4"	14CCT	7.50
3/8"	38CCT	10.28
5/8"	58CCT	22.31



Unions

Tube Both Ends

TUBE O.D.	STOCK NO	EACH
Straight		
1/8"	18X18CCU	3.36
3/16"	316X316CCU	3.04
1/4"	14X14CCU	3.23
3/8"	38X38CCU	4.20
1/2"	12X12CCU	4.11
5/8"	58X58CCU	8.63
7/8"	78X78CCU	10.00
Reducing		
3/8 x 1/4"	38X14CCU	4.56
1/2 x 3/8"	12X38CCU	6.63
5/8 x 3/8"	58X38CCU	7.92



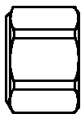
Male Unions

TUBE O.D.	I.P.	STOCK NO	EACH
1/8	1/8	18X18CCMA	3.69
3/16	1/8	316X18CCMA	3.17
1/4	1/8	14X18CCMA	2.24
1/4	1/4	14X14CCMA	2.78
3/8	1/8	38X18CCMA	4.93
3/8	1/4	38X14CCMA	3.10
3/8	3/8	38X38CCMA	4.67
3/8	1/2	38X12CCMA	4.67
1/2	3/8	12X38CCMA	4.96
1/2	1/2	12X12CCMA	5.55
5/8	3/8	58X38CCMA	11.28
5/8	1/2	58X12CCMA	6.37
7/8	3/4	78X34CCMA	7.69



Female Unions

TUBE O.D.	I.P.	STOCK NO	EACH
1/4	1/4	14X14CCFA	3.45
3/8	3/8	38X38CCFA	4.27
3/8	1/2	38X12CCFA	4.70
1/2	3/8	12X38CCFA	9.86
5/8	1/2	58X12CCFA	6.77
7/8	3/4	78X34CCFA	26.34



Compression Cap

TUBE O.D.	MODEL NO	STOCK NO	EACH
3/8"	61CP-6	38CCCAP	2.89



Nuts

TUBE O.D.	STOCK NO	EACH
1/8"	18CCN	.99
3/16"	316CCN	.58
1/4"	14CCN	.52
3/8"	38CCN	.71
1/2"	12CCN	1.34
5/8"	58CCN	3.39



Sleeves

TUBE O.D.	STOCK NO	EACH
1/8"	18CCS	.18
3/16"	316CCS	.21
1/4"	14CCS	.16
3/8"	38CCS	.21
1/2"	12CCS	.42
5/8"	58CCS	.61
7/8"	78CCS	3.28

Rough Brass Pipe and Fittings (02b)

meritbrass.com



Rough Brass Pipe

12' Straight Length

IPS	O.D.	STOCK NO	PER FOOT
1/4"	540	14X12RB	8.07
3/8"	.675	38X12RB	9.85
1/2"	.840	12X12RB	14.67
3/4"	1.050	34X12RB	19.95
1"	1.315	1X12RB	27.97
1 1/4"	1.660	114X12RB	54.68
1 1/2"	1.900	112X12RB	49.17
2"	2.375	2X12RB	64.72



90° Straight Elbows

SIZE	STOCK NO	EACH
1/8"	18RBL	4.07
1/4"	14RBL	3.84
3/8"	38RBL	3.96
1/2"	12RBL	5.84
3/4"	34RBL	7.87
1"	1RBL	12.15
1 1/4"	114RBL	19.30
1 1/2"	112RBL	33.55
2"	2RBL	39.25
2 1/2"	212RBL	77.00
3"	3RBL	120.00
4"	4RBL	284.85

90° Reducing Elbows

SIZE	STOCK NO	EACH
1/2 x 3/8"	12X38RBL	6.91
3/4 x 1/2"	34X12RBL	9.00
1 x 3/4"	1X34RBL	15.66
1 1/4 x 1"	114X1RBL	25.31
1 1/2 x 1 1/4"	112X114RBL	31.61
1 1/2 x 1"	112X1RBL	31.32
2 x 1 1/2"	2X112RBL	57.77



90° Street Elbows

SIZE	STOCK NO	EACH
1/8"	18RBSL	6.28
1/4"	14RBSL	6.10
3/8"	38RBSL	6.10
1/2"	12RBSL	7.27
3/4"	34RBSL	10.25
1"	1RBSL	16.96
1 1/4"	114RBSL	26.74
1 1/2"	112RBSL	34.84
2"	2RBSL	57.35



45° Elbows

SIZE	STOCK NO	EACH
1/8"	18RB45L	4.06
1/4"	14RB45L	4.47
1/2"	12RB45L	5.35
3/4"	34RB45L	8.11
1"	1RB45L	13.61
1 1/4"	114RB45L	22.26
1 1/2"	112RB45L	27.17
2"	2RB45L	43.18

45° Street Elbows

SIZE	STOCK NO	EACH
1/2"	12RBS45L	7.82
3/4"	34RBS45L	10.62



Straight Tees

SIZE	STOCK NO	EACH
1/8"	18RBT	5.66
1/4"	14RBT	5.35
3/8"	38RBT	5.51
1/2"	12RBT	6.73
3/4"	34RBT	9.68
1"	1RBT	17.18
1 1/4"	114RBT	24.11
1 1/2"	112RBT	33.17
2"	2RBT	54.34



Reducing Tees

SIZE	STOCK NO	EACH
3/4 x 1/2"	34X12RBT	11.88
1 x 1/2"	1X12RBT	22.19
1 x 3/4"	1X34RBT	21.68
1 1/4 x 1"	114X1RBT	31.01
1 1/2 x 1 1/4"	112X114RBT	43.96
2 x 1 1/4"	2X114RBT	70.90

Straight Coupling

SIZE	STOCK NO	EACH
1/8"	18RBC	4.07
1/4"	14RBC	3.84
3/8"	38RBC	3.96
1/2"	12RBC	4.82
3/4"	34RBC	6.37
1"	1RBC	9.68
1 1/4"	114RBC	15.11
1 1/2"	112RBC	20.55
2"	2RBC	33.82



Reducing Couplings

SIZE	STOCK NO	EACH
1/4 x 1/8"	14X18RBR	4.42
3/8 x 1/4"	38X14RBR	4.42
1/2 x 3/8"	12X38RBR	5.37
1/2 x 1/4"	12X14RBR	5.52
3/4 x 1/2"	34X12RBR	7.66
3/4 x 3/8"	34X38RBR	8.24
3/4 x 1/4"	34X14RBR	9.15
1 x 3/4"	1X34RBR	12.74
1 x 1/2"	1X12RBR	13.50
1 1/4 x 1"	114X1RBR	20.55
1 1/4 x 3/4"	114X34RBR	21.28
1 1/2 x 1 1/4"	112X114RBR	25.96
1 1/2 x 1"	112X1RBR	25.96
2 x 1 1/2"	2X112RBR	39.74
2 x 1"	2X1RBR	44.78



Unions

Standard Rough

SIZE	STOCK NO	EACH
1/8"	18RBU	14.78
1/4"	14RBU	14.62
3/8"	38RBU	14.78
1/2"	12RBU	15.18
3/4"	34RBU	21.04
1"	1RBU	27.76
1 1/4"	114RBU	40.64
1 1/2"	112RBU	47.98
2"	2RBU	73.57





Bushings

SIZE	STOCK NO	EACH
Hex Bushing		
1/4 x 1/8"	14X18RBB	2.20
3/8 x 1/4"	38X14RBB	3.37
3/8 x 1/8"	38X18RBB	3.37
1/2 x 3/8"	12X38RBB	3.38
1/2 x 1/4"	12X14RBB	3.05
1/2 x 1/8"	12X18RBB	3.90
3/4 x 1/2"	34X12RBB	4.22
3/4 x 3/8"	34X38RBB	4.40
3/4 x 1/4"	34X14RBB	5.08
3/4 x 1/8"	34X18RBB	5.53
1 x 3/4"	1X34RBB	6.37
1 x 1/2"	1X12RBB	6.65
1 x 1/4"	1X14RBB	8.32
1 1/4 x 1"	114X1RBB	10.86
1 1/4 x 3/4"	114X34RBB	11.25
1 1/4 x 1/2"	114X12RBB	13.88
1 1/2 x 1 1/4"	112X114RBB	13.87
1 1/2 x 1"	112X1RBB	13.87
1 1/2 x 3/4"	112X34RBB	16.96
2 x 1 1/2"	2X112RBB	20.55
2 x 1 1/4"	2X114RBB	21.28
2 x 1"	2X1RBB	24.74
2 x 3/4"	2X34RBB	24.74
2 1/2 x 2"	212X2RBB	42.33
3 x 2 1/2"	3X212RBB	64.62
4 x 3"	4X3RBB	148.18
Flush Bushing		
1/2 x 3/8"	12X38RBFB	10.01
3/4 x 1/2"	34X12RBFB	13.99

Rough Brass Fittings (02b)



Caps

SIZE	STOCK NO	EACH
1/8"	18RBCAP	3.59
1/4"	14RBCAP	3.18
3/8"	38RBCAP	3.14
1/2"	12RBCAP	3.96
3/4"	34RBCAP	5.38
1"	1RBCAP	8.43
1 1/4"	114RBCAP	12.97
1 1/2"	112RBCAP	17.14
2"	2RBCAP	28.29



Square Head Plugs

SIZE	STOCK NO	EACH
1/8"	18RBP	1.07
1/4"	14RBP	1.81
3/8"	38RBP	2.82
1/2"	12RBP	5.27
3/4"	34RBP	4.61
1"	1RBP	6.07
1 1/4"	114RBP	9.04
1 1/2"	112RBP	11.52
2"	2RBP	18.17
2 1/2"	212RBP	32.97



Solid Plugs

SIZE	STOCK NO	EACH
3/4"	34SBP	6.59
1"	1SBP	11.11



Countersunk Plugs

SIZE	STOCK NO	EACH
1/4"	14RBCP	1.09
1/2"	12RBCP	2.79
3/4"	34RBCP	4.23
1"	1RBCP	23.32
1 1/4"	114RBCP	42.85
1 1/2"	112RBCP	53.78



(02)

Hex Head Plugs

SIZE	STOCK NO	EACH
1/4"	14RBHP	1.60
3/8"	38RBHP	2.35
1/2"	12RBHP	3.93
3/4"	34RBHP	6.56

150# Threaded Brass Flanges

SIZE	STOCK NO	EACH
1 1/2" x 5"	112RBSCF	106.40
2" x 6"	2RBSCF	163.63

Red Brass Nipples (02b)

meritbrass.com



Red Brass Nipples

LENGTH	STOCK NO	EACH
1/8" IPS		
Close	18XCRBN	2.24
1 1/2"	18X112RBN	2.53
2"	18X2RBN	2.72
2 1/2"	18X212RBN	2.92
3"	18X3RBN	3.32
3 1/2"	18X312RBN	3.40
4"	18X4RBN	4.04
4 1/2"	18X412RBN	4.28
5"	18X5RBN	4.86
5 1/2"	18X512RBN	5.00
6"	18X6RBN	5.62
1/4" IPS		
Close	14XCRBN	2.62
1 1/2"	14X112RBN	3.04
2"	14X2RBN	3.43
2 1/2"	14X212RBN	3.35
3"	14X3RBN	4.29
3 1/2"	14X312RBN	4.67
4"	14X4RBN	5.49
4 1/2"	14X412RBN	5.96
5"	14X5RBN	6.50
5 1/2"	14X512RBN	6.72
6"	14X6RBN	7.92
3/8" IPS		
Close	38XCRBN	2.65
1 1/2"	38X112RBN	3.15
2"	38X2RBN	3.82
2 1/2"	38X212RBN	4.14
3"	38X3RBN	4.86
3 1/2"	38X312RBN	5.39
4"	38X4RBN	6.24
4 1/2"	38X412RBN	6.83
5"	38X5RBN	7.43
5 1/2"	38X512RBN	8.14
6"	38X6RBN	8.56
1/2" IPS		
Close	12XCRBN	3.54
1 1/2"	12X112RBN	4.10
2"	12X2RBN	4.71
2 1/2"	12X212RBN	5.65
3"	12X3RBN	6.46
3 1/2"	12X312RBN	7.36
4"	12X4RBN	8.27
4 1/2"	12X412RBN	9.42
5"	12X5RBN	10.16
5 1/2"	12X512RBN	11.25
6"	12X6RBN	12.19
3/4" IPS		
Close	34XCRBN	5.14
1 1/2"	34X112RBN	5.47
2"	34X2RBN	6.47
2 1/2"	34X212RBN	7.49
3"	34X3RBN	8.65
3 1/2"	34X312RBN	9.55
4"	34X4RBN	11.10
4 1/2"	34X412RBN	12.07
5"	34X5RBN	13.32
5 1/2"	34X512RBN	14.55
6"	34X6RBN	16.20

Red Brass Nipples Continued

LENGTH	STOCK NO	EACH
1" IPS		
Close	1XCRBN	7.57
2"	1X2RBN	9.34
2 1/2"	1X212RBN	10.71
3"	1X3RBN	12.34
3 1/2"	1X312RBN	14.29
4"	1X4RBN	16.07
4 1/2"	1X412RBN	17.92
5"	1X5RBN	19.81
5 1/2"	1X512RBN	21.70
6"	1X6RBN	23.66
1 1/4" IPS		
Close	114XCRBN	11.23
2"	114X2RBN	12.83
2 1/2"	114X212RBN	13.53
3"	114X3RBN	17.17
4"	114X4RBN	22.62
4 1/2"	114X412RBN	23.35
5"	114X5RBN	25.76
6"	114X6RBN	30.77
1 1/2" IPS		
Close	112XCRBN	14.61
2"	112X2RBN	15.72
2 1/2"	112X212RBN	18.83
3"	112X3RBN	21.64
3 1/2"	112X312RBN	23.18
4"	112X4RBN	26.29
4 1/2"	112X412RBN	29.55
5"	112X5RBN	32.68
5 1/2"	112X512RBN	35.76
6"	112X6RBN	38.84
2" IPS		
Close	2XCRBN	22.24
2 1/2"	2X212RBN	24.01
3"	2X3RBN	25.85
3 1/2"	2X312RBN	29.77
4"	2X4RBN	33.82
4 1/2"	2X412RBN	37.71
5"	2X5RBN	41.81
5 1/2"	2X512RBN	45.86
6"	2X6RBN	49.93
2 1/2" IPS		
Close	212XCRBN	54.76
4"	212X4RBN	72.11
3" IPS		
Close	3XCRBN	74.47
4"	3X4RBN	98.59
4" IPS		
Close	4XCRBN	112.04
6"	4X6RBN	204.69
12"	4X12RBN	388.95

Chrome Plated Brass Fittings and Nipples (02a)

brassproducts.com



(02)

Chrome Plated Brass Pipe

6' Length

IPS	STOCK NO	PER LGTH
3/8"	38X6CPBRPI	320.68
1/2"	12X6CPBRPI	354.34
3/4"	34X6CPBRPI	525.23



90° Elbows

SIZE	STOCK NO	EACH
3/8"	38CBL	25.52
1/2"	12CBL	25.52
3/4"	34CBL	34.13
1"	1CBL	55.50



90° Reducing Elbows

SIZE	STOCK NO	EACH
1/2 x 3/8"	12X38CBL	42.68
3/4 x 1/2"	34X12CBL	51.21



90° Street Elbows

SIZE	STOCK NO	EACH
3/8"	38CBSL	34.13
1/2"	12CBSL	34.13
3/4"	34CBSL	46.98



45° Elbows

SIZE	STOCK NO	EACH
1/2"	12CB45L	31.45
3/4"	34CB45L	44.84



45° Street Elbow

SIZE	STOCK NO	EACH
1/2"	12CBS45L	40.33



Tees

SIZE	STOCK NO	EACH
3/8"	38CBT	36.03
1/2"	12CBT	31.28
3/4"	34CBT	42.59



Couplings

SIZE	STOCK NO	EACH
3/8"	38CBC	21.35
1/2"	12CBC	21.35
3/4"	34CBC	29.97



Reducing Couplings

SIZE	STOCK NO	EACH
1/2 x 3/8"	12X38CBR	26.62
3/4 x 1/2"	34X12CBR	35.59



Union

SIZE	STOCK NO	EACH
1/2"	12CBU	79.05



Caps

SIZE	STOCK NO	EACH
3/8"	38CBCAP	16.97
1/2"	12CBCAP	16.97
3/4"	34CBCAP	21.35



Nipples

LENGTH	STOCK NO	EACH
1/4" IPS		
1 1/2"	14X112CBN	7.58
2"	14X2CBN	8.59
3"	14X3CBN	10.74
6"	14X6CBN	19.82
3/8" IPS		
Close	38XCCBN	4.90
1 1/2"	38X112CBN	5.80
2"	38X2CBN	7.04
2 1/2"	38X212CBN	7.63
3"	38X3CBN	8.95
3 1/2"	38X312CBN	9.93
4"	38X4CBN	11.50
4 1/2"	38X412CBN	12.59
5"	38X5CBN	13.68
5 1/2"	38X512CBN	15.02
6"	38X6CBN	15.79
1/2" IPS		
Close	12XCCBN	6.53
1 1/2"	12X112CBN	7.56
2"	12X2CBN	8.68
2 1/2"	12X212CBN	10.43
3"	12X3CBN	11.89
3 1/2"	12X312CBN	13.57
4"	12X4CBN	15.26
4 1/2"	12X412CBN	17.37
5"	12X5CBN	18.74
5 1/2"	12X512CBN	20.75
6"	12X6CBN	22.47
3/4" IPS		
Close	34XCCBN	12.85
1 1/2"	34X112CBN	13.69
2"	34X2CBN	16.18
2 1/2"	34X212CBN	18.76
3"	34X3CBN	21.64
3 1/2"	34X312CBN	23.88
4"	34X4CBN	27.76
4 1/2"	34X412CBN	30.20
5"	34X5CBN	33.33
5 1/2"	34X512CBN	36.42
6"	34X6CBN	40.55
1" IPS		
Close	1XCCBN	18.93
2"	1X2CBN	23.36
2 1/2"	1X212CBN	26.81
3"	1X3CBN	30.88
3 1/2"	1X312CBN	35.74
4"	1X4CBN	40.19
4 1/2"	1X412CBN	44.84
5"	1X5CBN	49.58
5 1/2"	1X512CBN	54.30
6"	1X6CBN	59.19

Type 304L Schedule 10

Schedule 10 Plain End Pipe
Type 304L - 20' Lengths

SIZE	STOCK NO	PER FT
½"	12SS304PE10	4.44
¾"	34SS304PE10	5.66
1"	1SS304PE10	8.71
1 ¼"	114SS304PE10	11.01
1 ½"	112SS304PE10	12.48
2"	2SS304PE10	15.93
2 ½""	212SS304PE10	24.50
3"	3SS304PE10	32.08
4"	4SS304PE10	33.14
6"	6SS304PE10	55.35
8"	8SS304PE10	80.16

90° Welding Elbows
Type 304L

SIZE	STOCK NO	EACH
½"	12SS304LW10	8.49
¾"	34SS304LW10	8.49
1"	1SS304LW10	9.98
1¼"	114SS304LW10	15.48
1½"	112SS304LW10	12.48
2"	2SS304LW10	15.48
2½"	212SS304LW10	26.46
3"	3SS304LW10	31.45
4"	4SS304LW10	51.42
6"	6SS304LW10	137.78

45° Welding Elbows
Type 304L

SIZE	STOCK NO	EACH
½"	12SS30445LW10	10.98
¾"	34SS30445LW10	10.98
1"	1SS30445LW10	12.98
1¼"	114SS30445LW10	20.97
1½"	112SS30445LW10	12.98
2"	2SS30445LW10	15.48
21/2"	212SS30445LW10	23.96
3"	3SS30445LW10	26.96
4"	4SS30445LW10	42.93

Welding Tees
Type 304L

SIZE	STOCK NO	EACH
½"	12SS304TW10	27.46
¾"	34SS304TW10	27.46
1"	1SS304TW10	27.46
1½"	112SS304TW10	27.46
2"	2SS304TW10	29.46
2½"	212SS304TW10	76.88
3"	3SS304TW10	53.92
4"	4SS304TW10	80.87

Welding Caps
Type 304L

SIZE	STOCK NO	EACH
½"	12SS304CAPW10	15.48
¾"	34SS304CAPW10	20.97
1"	1SS304CAPW10	22.96
1¼"	114SS304CAPW10	56.91
1½"	112SS304CAPW10	24.46
2"	2SS304CAPW10	21.47
2½"	212SS304CAPW10	30.95
3"	3SS304CAPW10	26.46
4"	4SS304CAPW10	33.95

Welding Concentric Reducer
Type 304L

SIZE	STOCK NO	EACH
1 x ¾"	1X34SS304CRW10	20.97
1 x ½"	1X12SS304CRW10	POA*
1¼ x 1"	114X1SS304CRW10	31.95
1¼ x ¾"	114X34SS304CRW10	53.42
1½ x 1¼"	114X114SS304CRW10	POA*
1½ x 1"	112X1SS304CRW10	POA*
2 x 1½"	2X112SS304CRW10	16.48
2 x 1¼"	2X114SS304CRW10	POA*
2 x 1"	2X1SS304CRW10	16.48
2 x ¾"	2X34SS304CRW10	42.93
2½ x 2"	212X2SS304CRW10	45.93
3 x 2½"	3X212SS304CRW10	23.96
3 x 2"	3X2SS304CRW10	23.96
4 x 3"	4X3SS304CRW10	24.96
4 x 2"	4X2SS304CRW10	32.45

***Price on Application**

150 Slip-On Flange
Type 304L

SIZE	STOCK NO	EACH
¾"	34SS304SOF	39.72
1"	1SS304SOF	43.59
1¼"	114SS304SOF	59.09
1½"	112SS304SOF	59.09
2"	2SS304SOF	76.53
2½"	212SS304SOF	107.53
3"	3SS304SOF	115.28
4"	4SS304SOF	156.94
6"	6SS304SOF	239.28

150 Threaded Flange
Type 304L

SIZE	STOCK NO	EACH
¾"	34SS304SCF	POA*
1"	1SS304SCF	53.28
1¼"	114SS304SCF	68.78
1½"	112SS304SCF	68.78
2"	2SS304SCF	90.09

***Price on Application**

150 Blind Flange
Type 304L

SIZE	STOCK NO	EACH
¾"	34SS304BLF	42.63
1"	1SS304BLF	POA*
1¼"	114SS304BLF	64.91
1½"	112SS304BLF	64.91
2"	2SS304BLF	80.41
2½"	212SS304BLF	POA*
3"	3SS304BLF	125.94

***Price on Application**

(04)

Carbon Steel Lap Joint Flange
Used with SS stub ends

SIZE	STOCK NO	EACH
1"	1WELJF	32.04
1½"	112WELJF	32.04
2"	2WELJF	26.66
2½"	212WELJF	42.34
3"	3WELJF	36.81
4"	4WELJF	44.69
6"	6WELJF	74.49

MSS Type A Stub End
Type 304L

SIZE	STOCK NO	EACH
1"	1304SSASE10	36.34
1¼"	114304SSASE10	80.13
1½"	112304SSASE10	35.41
2"	2304SSASE10	42.86
3"	3304SSASE10	59.63
4"	4304SSASE10	80.13

Type 316L Schedule 10

Schedule 10 Plain End Pipe
Type 316L - 20' Lengths

SIZE	STOCK NO	PER FT
¾"	34SS316PE10	8.18
1"	1SS316PE10	13.28
1 ¼"	114SS316PE10	17.08
1 ½"	112SS316PE10	19.71
2"	2SS316PE10	23.67
3"	3SS316PE10	36.53
4"	4SS316PE10	47.30

90° LR Welding Elbows
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316LW10	10.98
1"	1SS316LW10	12.98
1¼"	114SS316LW10	21.47
1½"	112SS316LW10	15.48
2"	2SS316LW10	18.97

45° LR Welding Elbows
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS31645LW10	13.98
1"	1SS31645LW10	15.98
1¼"	114SS31645LW10	21.47
1½"	112SS31645LW10	15.48

LR Welding Tees
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316TW10	33.95
1"	1SS316TW10	33.95
1¼"	114SS316TW10	58.41
1½"	112SS316TW10	36.94
2"	2SS316TW10	37.94

Welding Concentric Reducers
Type 316L

SIZE	STOCK NO	EACH
1 x ½"	1X12SS316CRW10	34.45
1 x ¾"	1X34SS316CRW10	26.46
1¼x 1"	114X1SS316CRW10	42.93
1½x 1"	112X1SS316CRW10	19.47
1½x 1¼"	112X114SS316CRW10	21.97
2 x 1"	2X1SS316CRW10	21.97
2 x 1½"	2X112SS316CRW10	19.47

MSS Type A Stub End
Type 316L

SIZE	STOCK NO	EACH
1"	1316SSASE10	46.59
1¼"	114316SSASE10	100.63
1½"	112316SSASE10	45.66
2"	2316SSASE10	51.25
3"	3316SSASE10	73.61
4"	4316SSASE10	100.63

Stainless Steel Pipe and Fittings (46)

150# Threaded & Welded 304

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Schedule 40 Plain End Pipe

Type 304 - 20' Lengths

SIZE	STOCK NO	PER FT
1/4"	14SSPE	6.13
3/8"	38SSPE	7.28
1/2"	12SSPE	5.42
3/4"	34SSPE	6.73
1"	1SSPE	10.48
1 1/4"	114SSPE	14.20
1 1/2"	112SSPE	16.55
2"	2SSPE	21.58
2 1/2"	212SSPE	34.72
3"	3SSPE	45.41
4"	4SSPE	64.43



Threaded 90° Elbows

Type 304

SIZE	STOCK NO	EACH
1/4"	14SSL	4.29
3/8"	38SSL	5.33
1/2"	12SSL	5.51
3/4"	34SSL	7.84
1"	1SSL	11.25
1 1/4"	114SSL	19.78
1 1/2"	112SSL	25.82
2"	2SSL	32.30

90° Welding Elbows

Type 304

SIZE	STOCK NO	EACH
3/4"	34SS304LW	10.49
1"	1SS304LW	11.48
1 1/4"	114SS304LW	16.97
1 1/2"	112SS304LW	13.48
2"	2SS304LW	18.97
3"	3SS304LW	50.42
4"	4SS304LW	93.36



Threaded 45° Elbows

Type 304

SIZE	STOCK NO	EACH
1/4"	14SS45L	5.50
3/8"	38SS45L	6.36
1/2"	12SS45L	6.98
3/4"	34SS45L	10.31
1"	1SS45L	12.31
1 1/4"	114SS45L	18.97
1 1/2"	112SS45L	23.45
2"	2SS45L	32.69

45° Welding Elbows

Type 304

SIZE	STOCK NO	EACH
3/4"	34SS30445LW	13.98
1"	1SS30445LW	13.98
1 1/4"	114SS30445LW	20.47
1 1/2"	112SS30445LW	15.98
2"	2SS30445LW	19.47
3"	3SS30445LW	36.45
4"	4SS30445LW	65.90



Threaded 90° Street Elbows

Type 304

SIZE	STOCK NO	EACH
1/4"	14SSSL	5.90
3/8"	38SSSL	7.27
1/2"	12SSSL	8.55
3/4"	34SSSL	11.61
1"	1SSSL	19.97
1 1/4"	114SSSL	29.57
1 1/2"	112SSSL	34.64
2"	2SSSL	46.92



Threaded Tees

Type 304

SIZE	STOCK NO	EACH
1/4"	14SST	5.59
3/8"	38SST	7.23
1/2"	12SST	7.41
3/4"	34SST	11.80
1"	1SST	14.94
1 1/4"	114SST	30.30
1 1/2"	112SST	37.59
2"	2SST	47.55

Welding Tees

Type 304

SIZE	STOCK NO	EACH
3/4"	34SS304TW	29.46
1"	1SS304TW	29.46
1 1/2"	112SS304TW	29.46
2"	2SS304TW	31.95
3"	3SS304TW	64.40
4"	4SS304TW	92.36



Threaded Couplings

Type 304

SIZE	STOCK NO	EACH
1/4"	14SSC	2.70
3/8"	38SSC	3.24
1/2"	12SSC	4.42
3/4"	34SSC	6.38
1"	1SSC	9.69
1 1/4"	114SSC	15.61
1 1/2"	112SSC	18.53
2"	2SSC	24.88
3"	3SSC	70.59

Threaded Heavy Wall Couplings

Type 304

SIZE	STOCK NO	EACH
1/4"	14SSCH	3.82
3/8"	38SSCH	4.58
1/2"	12SSCH	6.26
3/4"	34SSCH	9.02
1"	1SSCH	13.71
1 1/4"	114SSCH	22.08
1 1/2"	112SSCH	26.21
2"	2SSCH	36.03



Threaded Hex Head Plugs

Type 304

SIZE	STOCK NO	EACH
1/2"	12SSP	4.00
3/4"	34SSP	5.10
1"	1SSP	8.65
1 1/4"	114SSP	13.89
1 1/2"	112SSP	15.03
2"	2SSP	20.76



Threaded Unions

Type 304

SIZE	STOCK NO	EACH
1/4"	14SSU	14.45
3/8"	38SSU	14.72
1/2"	12SSU	15.31
3/4"	34SSU	19.41
1"	1SSU	29.26
1 1/4"	114SSU	51.25
1 1/2"	112SSU	57.08
2"	2SSU	68.34



Threaded Round Caps

Type 304

SIZE	STOCK NO	EACH
1/4"	14SSCAP	3.14
3/8"	38SSCAP	3.69
1/2"	12SSCAP	3.83
3/4"	34SSCAP	4.79
1"	1SSCAP	7.09
1 1/4"	114SSCAP	12.82
1 1/2"	112SSCAP	16.64
2"	2SSCAP	21.02

Welding Caps

Type 304

SIZE	STOCK NO	EACH
3/4"	34SS304CAPW	19.47
1"	1SS304CAPW	24.46
1 1/4"	114SS304CAPW	45.93
1 1/2"	112SS304CAPW	30.95
2"	2SS304CAPW	20.97
2 1/2"	212SS304CAPW	37.94
3"	3SS304CAPW	28.46
4"	4SS304CAPW	39.94



Threaded Hex Bushings

Type 304

SIZE	STOCK NO	EACH
1/4 x 1/8"	14X18SSB	2.80
3/8 x 1/4"	38X14SSB	3.06
3/8 x 1/8"	38X18SSB	3.10
1/2 x 1/8"	12X18SSB	3.87
1/2 x 3/8"	12X38SSB	3.87
1/2 x 1/4"	12X14SSB	3.76
3/4 x 3/8"	34X38SSB	5.66
3/4 x 1/2"	34X12SSB	5.50
3/4 x 1/4"	34X14SSB	5.66
1 x 3/4"	1X34SSB	7.58
1 x 1/2"	1X12SSB	7.58
1 x 1/4"	1X14SSB	7.75
1 1/4 x 1"	114X1SSB	13.87
1 1/4 x 3/4"	114X34SSB	13.87
1 1/4 x 1/2"	114X12SSB	14.03
1 1/2 x 1"	112X1SSB	16.44
1 1/2 x 3/4"	112X34SSB	16.44
1 1/2 x 1/2"	112X12SSB	16.60
1 1/2 x 1 1/4"	112X114SSB	16.44
2 x 1 1/2"	2X112SSB	25.08
2 x 1 1/4"	2X114SSB	25.08
2 x 1"	2X1SSB	24.60
2 x 3/4"	2X34SSB	25.08
2 x 1/2"	2X12SSB	25.32

Stainless Steel Pipe and Fittings (46)

Type 304L Schedule 40

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Welding Concentric Reducer

Type 304

SIZE	STOCK NO	EACH
1 x ¾"	1X34SS304CRW	25.96
1 x ½"	1X12SS304CRW	32.45
1¼ x 1"	114X1SS304CRW	32.45
1½ x 1¼"	112X114SS304CRW	23.47
1½ x 1"	112X1SS304CRW	16.48
2 x 1½"	2X112SS304CRW	19.47
2 x 1¼"	2X114SS304CRW	30.95
2 x 1"	2X1SS304CRW	24.46
2½ x 2"	212X2SS304CRW	48.92
3 x 21/2"	3X212SS304CRW	34.45
3 x 2"	3X2SS304CRW	31.45
4 x 3"	4X3SS304CRW	34.45



Threaded 150 Reducer Coupling

Type 304

SIZE	STOCK NO	EACH
¼ x ⅛"	14X18SSR	4.55
½ x ¼"	12X14SSR	4.82
¾ x ½"	34X12SSR	7.05
1 x 1/2"	1X12SSR	9.76
1 x ¾"	1X34SSR	9.65
1¼ x 1"	114X1SSR	14.23
1½ x 1"	112X1SSR	20.10
2 x 1½"	2X112SSR	33.24



Threaded Half Coupling

Type 304

SIZE	STOCK NO	EACH
¼"	14SS304HC	1.88
⅜"	38SS304HC	2.07
½"	12SS304HC	2.76
¾"	34SS304HC	3.74
1"	1SS304HC	4.73
1¼"	114SS304HC	7.81
1½"	112SS304HC	9.90
2"	2SS304HC	13.44

Threaded Heavy Wall Half Coupling

Type 304

SIZE	STOCK NO	EACH
¼"	14SS304HHC	2.67
⅜"	38SS304HHC	2.93
½"	12SS304HHC	3.91
¾"	34SS304HHC	5.29
1"	1SS304HHC	6.69
1¼"	114SS304HHC	11.04
1½"	112SS304HHC	14.01
2"	2SS304HHC	19.02



Stainless Steel Nipples

SIZE	STOCK NO	EACH
¼" IPS		
Close	14XCSSN	1.58
1½"	14X112SSN	1.95
2"	14X2SSN	2.34
2½"	14X212SSN	2.78
3"	14X3SSN	3.21
3½"	14X312SSN	3.83
4"	14X4SSN	4.11
4½"	14X412SSN	4.82
5"	14X5SSN	5.23
5½"	14X512SSN	5.74
6"	14X6SSN	5.85
⅜" IPS		
Close	38XCSSN	1.89
1½"	38X112SSN	2.30
2"	38X2SSN	2.78
2½"	38X212SSN	3.31
3"	38X3SSN	3.84
3½"	38X312SSN	4.64
4"	38X4SSN	5.14
5"	38X5SSN	6.26
5½"	38X512SSN	6.80
6"	38X6SSN	7.19
½" IPS		
Close	12XCSSN	2.44
1½"	12X112SSN	2.95
2"	12X2SSN	3.53
2½"	12X212SSN	4.36
3"	12X3SSN	4.93
3½"	12X312SSN	5.80
4"	12X4SSN	6.35
4½"	12X412SSN	7.22
5"	12X5SSN	7.93
6"	12X6SSN	9.15
¾" IPS		
Close	34XCSSN	3.29
1½"	34X112SSN	3.51
2"	34X2SSN	4.20
2½"	34X212SSN	5.20
3"	34X3SSN	5.89
3½"	34X312SSN	6.90
4"	34X4SSN	7.59
4½"	34X412SSN	8.76
5"	34X5SSN	9.50
6"	34X6SSN	10.97

Stainless Steel Nipples Continued

SIZE	STOCK NO	EACH
1" IPS		
Close	1XCSSN	4.33
2"	1X2SSN	5.59
2½"	1X212SSN	6.59
3"	1X3SSN	7.53
3½"	1X312SSN	8.96
4"	1X4SSN	9.71
4½"	1X412SSN	11.23
5"	1X5SSN	12.17
5½"	1X512SSN	13.50
6"	1X6SSN	14.07
1¼" IPS		
Close	114XCSSN	5.99
2"	114X2SSN	7.13
2½"	114X212SSN	8.45
3"	114X3SSN	9.88
3½"	114X312SSN	11.32
4"	114X4SSN	12.56
5"	114X5SSN	15.63
6"	114X6SSN	17.79
1½" IPS		
Close	112XCSSN	7.30
2"	112X2SSN	8.12
2½"	112X212SSN	9.82
3"	112X3SSN	11.34
3½"	112X312SSN	13.21
4"	112X4SSN	14.33
4½"	112X412SSN	16.60
5"	112X5SSN	17.59
5½"	112X512SSN	19.22
6"	112X6SSN	20.85
2" IPS		
Close	2XCSSN	11.06
2½"	2X212SSN	12.62
3"	2X3SSN	14.61
3½"	2X312SSN	16.39
4"	2X4SSN	18.51
5"	2X5SSN	22.76
6"	2X6SSN	27.01



Schedule 40 Plain End Pipe
Type 316L - 20' Lengths

SIZE	STOCK NO	PER FT
½"	12SS316PE	8.07
¾"	34SS316PE	10.72
1"	1SS316PE	15.09
1 ¼"	114SS316PE	20.44
1 ½"	112SS316PE	23.89
2"	2SS316PE	31.75
3"	3SS316PE	64.26
4"	4SS316PE	91.52

90° Welding Elbows
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316LW	13.48
1"	1SS316LW	15.48
1¼"	114SS316LW	22.96
1½"	112SS316LW	17.97
2"	2SS316LW	24.96
3"	3SS316LW	66.90
4"	4SS316LW	122.81

45° Welding Elbows
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS31645LW	18.47
1"	1SS31645LW	18.47
1¼"	114SS31645LW	24.96
1½"	112SS31645LW	20.97
2"	2SS31645LW	24.96
3"	3SS31645LW	47.43
4"	4SS31645LW	85.87

Welding Concentric Reducer
Type 316L

SIZE	STOCK NO	EACH
1 x ¾"	1X34SS316CRW	34.45
1 x ½"	1X12SS316CRW	39.94
1¼ x 1"	114X1SS316CRW	47.93
2 x 1½"	2X112SS316CRW	24.96
2 x 1¼"	2X114SS316CRW	42.93
2½ x 2"	212X2SS316CRW	64.40
3 x 21/2"	3X212SS316CRW	44.93
3 x 2"	3X2SS316CRW	39.94
4 x 3"	4X3SS316CRW	44.93

Welding Tees
Type 316L

SIZE	STOCK NO	EACH
1"	1SS316TW	36.94
1¼"	114SS316TW	64.40
1½"	112SS316TW	36.94
2"	2SS316TW	39.94
2½"	212SS316TW	101.34
3"	3SS316TW	79.88
4"	4SS316TW	119.81

Welding Caps
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316CAPW	28.95
1"	1SS316CAPW	32.95
1¼"	114SS316CAPW	61.41
1½"	112SS316CAPW	42.44
2"	2SS316CAPW	29.46
2½"	212SS316CAPW	52.42
3"	3SS316CAPW	38.44
4"	4SS316CAPW	55.42

S/O Flange
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316SOF	57.16
1"	1SS316SOF	64.91
1¼"	114SS316SOF	82.34
1½"	112SS316SOF	82.34
2"	2SS316SOF	103.66
2½"	212SS316SOF	148.22
3"	3SS316SOF	164.69
4"	4SS316SOF	226.69

Screwed Flange
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316SCF	70.72
1"	1SS316SCF	75.56
1¼"	114SS316SCF	100.75
1½"	112SS316SCF	100.75
2"	2SS316SCF	124.97
3"	3SS316SCF	196.66
4"	4SS316SCF	271.25

Blind Flange
Type 316L

SIZE	STOCK NO	EACH
¾"	34SS316BLF	59.09
1"	1SS316BLF	67.81
1¼"	114SS316BLF	82.34
1½"	112SS316BLF	82.34
2"	2SS316BLF	109.47
3"	3SS316BLF	176.31
4"	4SS316BLF	261.56

Stainless Steel Pipe and Fittings (46)

150# Threaded 316

meritbrass.com



Threaded 90°Elbows

150#

SIZE	STOCK NO	EACH
½"	12SS316L	7.11
¾"	34SS316L	10.54
1"	1SS316L	13.39
1¼"	114SS316L	22.70
1½"	112SS316L	29.42
2"	2SS316L	37.84



Threaded 45°Elbows

150#

SIZE	STOCK NO	EACH
¾"	34SS31645L	11.63
1"	1SS31645L	14.57
1¼"	114SS31645L	21.99
1½"	112SS31645L	26.65
2"	2SS31645L	36.84



Threaded Tees

150#

SIZE	STOCK NO	EACH
½"	12SS316T	9.21
¾"	34SS316T	13.59
1"	1SS316T	16.96
1¼"	114SS316T	34.34
1½"	112SS316T	41.66
2"	2SS316T	53.27



Threaded Couplings

150#

SIZE	STOCK NO	EACH
½"	12SS316C	5.31
¾"	34SS316C	7.64
1"	1SS316C	11.26
1¼"	114SS316C	17.90
1½"	112SS316C	21.27
2"	2SS316C	29.38



Half Couplings

Type 316L

SIZE	STOCK NO	EACH
¼"	14SS316HC	2.02
⅜"	38SS316HC	2.35
½"	12SS316HC	3.43
¾"	34SS316HC	4.31
1"	1SS316HC	6.52
1¼"	114SS316HC	9.87
1½"	112SS316HC	12.85
2"	2SS316HC	16.66



Threaded Round Cap

150#

SIZE	STOCK NO	EACH
½"	12SS316CAP	4.88
¾"	34SS316CAP	5.60
1"	1SS316CAP	8.43
1¼"	114SS316CAP	16.39
1½"	112SS316CAP	21.02
2"	2SS316CAP	26.91



Threaded Square Head Plugs

150#

SIZE	STOCK NO	EACH
½"	12SS316SHP	4.82
¾"	34SS316SHP	6.05
1"	1SS316SHP	9.64
1¼"	114SS316SHP	16.47
1½"	112SS316SHP	19.49
2"	2SS316SHP	28.12



Threaded Unions

150#

SIZE	STOCK NO	EACH
½"	12SS316U	18.07
¾"	34SS316U	22.06
1"	1SS316U	34.14
1¼"	114SS316U	58.14
1½"	112SS316U	64.98
2"	2SS316U	77.49

Threaded Bushings

150#

SIZE	STOCK NO	EACH
¾ x ½"	34X12SS316B	6.06
1 x ¾"	1X34SS316B	8.85
1 x ½"	1X12SS316B	8.65
1¼ x 1"	114X1SS316B	17.14
1¼ x ¾"	114X34SS316B	17.31
1¼ x ½"	114X12SS316B	17.31
1½ x 1¼"	112X114SS316B	20.46
1½ x 1"	112X1SS316B	20.27
1½ x ¾"	112X34SS316B	20.46
1½ x ½"	112X12SS316B	20.46
2 x 1½"	2X112SS316B	28.78
2 x 1¼"	2X114SS316B	29.06
2 x 1"	2X1SS316B	28.78
2 x ¾"	2X34SS316B	28.78



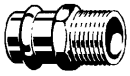
Nipples

SIZE	STOCK NO	EACH
½" IPS		
Close	12XCSS316N	3.13
1½"	12X112SS316N	3.96
2"	12X2SS316N	4.85
2½"	12X212SS316N	5.98
3"	12X3SS316N	6.85
3½"	12X312SS316N	7.98
4"	12X4SS316N	8.89
4½"	12X412SS316N	10.05
5"	12X5SS316N	10.96
5½"	12X512SS316N	12.20
6"	12X6SS316N	12.93
¾" IPS		
Close	34XCSS316N	4.21
1½"	34X112SS316N	4.58
2"	34X2SS316N	5.49
2½"	34X212SS316N	6.70
3"	34X3SS316N	7.74
4"	34X4SS316N	10.03
4½"	34X412SS316N	11.43
5"	34X5SS316N	12.50
6"	34X6SS316N	14.60
1" IPS		
Close	1XCSS316N	5.84
2"	1X2SS316N	7.48
2½"	1X212SS316N	8.97
3"	1X3SS316N	10.39
3½"	1X312SS316N	12.13
4"	1X4SS316N	13.50
4½"	1X412SS316N	15.40
5½"	1X512SS316N	17.73
6"	1X6SS316N	19.25
1¼" IPS		
Close	114XCSS316N	8.07
2"	114X2SS316N	9.67
3"	114X3SS316N	13.64
3½"	114X312SS316N	15.69
5"	114X5SS316N	20.85
6"	114X6SS316N	24.76
1½" IPS		
Close	112XCSS316N	9.96
2"	112X2SS316N	11.11
2½"	112X212SS316N	13.53
3"	112X3SS316N	15.83
3½"	112X312SS316N	17.54
4"	112X4SS316N	19.85
4½"	112X412SS316N	22.16
5"	112X5SS316N	24.47
5½"	112X512SS316N	26.78
6"	112X6SS316N	29.09
2" IPS		
Close	2XCSS316N	15.24
2½"	2X212SS316N	17.02
3"	2X3SS316N	19.88
3½"	2X312SS316N	22.92
4"	2X4SS316N	25.97
6"	2X6SS316N	38.16

Stainless Steel Tube

SIZE	STOCK NO	EACH
Type 316		
½" x 20'	12X20SSP316	190.72
¾" x 20'	34X20SSP316	240.53
1" x 20'	1X20SSP316	298.89
1½" x 20'	112X20SSP316	427.09
2" x 20'	2X20SSP316	548.08
3" x 20'	3X20SSP316	847.91
4" x 20'	4X20SSP316	1118.24
Type ECO		
1" x 20'	1X20SSPECO	138.17
2" x 20'	2X20SSPECO	252.30

Press x Male Adapter



SIZE	STOCK NO	EACH
Type 304		
¾"	34SSPMA	46.32
1¼"	114SSPMA	86.58
1½"	112SSPMA	113.84

Press x Female Adapter



SIZE	STOCK NO	EACH
Type 304		
½"	12SSPFA	58.57
1"	1SSPFA	77.25
1¼"	114SSPFA	128.45
1½"	112SSPFA	149.91

Press Cap



SIZE	STOCK NO	EACH
Type 304		
½"	12SSPCAP	38.23
¾"	34SSPCAP	50.86
1"	1SSPCAP	63.02
1¼"	114SSPCAP	100.28
2"	2SSPCAP	138.95
Type 304 - XL		
3"	3SSPCAP	283.64

Press 90° Elbow



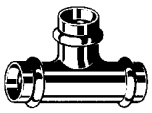
SIZE	STOCK NO	EACH
Type 304		
¾"	34SSPL	55.25
1¼"	114SSPL	96.84
1½"	112SSPL	116.72
Type 304 - XL		
4"	4SSPL	474.76

Press 45° Elbow



SIZE	STOCK NO	EACH
Type 304		
¾"	34SSP45L	55.25
1¼"	114SSP45L	102.64
1½"	112SSP45L	116.72
2"	2SSP45L	158.44
Type 304 - XL		
3"	3SSP45L	311.19
4"	4SSP45L	438.40

Press Tee

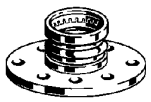


SIZE	STOCK NO	EACH
Type 304		
½"	12SSPT	103.61
¾"	34SSPT	114.90
1"	1SSPT	122.98
1¼"	114SSPT	151.86
1½"	112SSPT	147.39
2"	2SSPT	196.62
Type 304 - Reducing		
1 x ½"	1X12SSPT	127.23
1 x ¾"	1X34SSPT	125.85
1¼ x ½"	114X12SSPT	139.41
1¼ x ¾"	114X34SSPT	140.97
1¼ x 1"	114X1SSPT	141.50
1½ x ½"	112X12SSPT	154.88
1½ x 1"	112X1SSPT	154.29
2 x ½"	2X12SSPT	198.09
2 x ¾"	2X34SSPT	195.51
2 x 1½"	2X112SSPT	228.31
Type 304 - XL - Reducing		
4 x 3"	4X3SSPT	767.38

Press x Female Tee

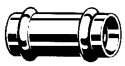
SIZE	STOCK NO	EACH
Type 304		
¾ x ½"	34X12SSPFT	156.23
1¼ x ½"	114X12SSPFT	189.94
1¼ x ¾"	114X34SSPFT	191.76
1¼ x 1"	114X1SSPFT	209.62
1½ x ½"	112X12SSPFT	211.05

Press Adapter Flange



SIZE	STOCK NO	EACH
Type 304		
1"	1SSPFL	222.99
1½"	112SSPFL	253.80
2"	2SSPFL	265.24
Type 304 - XL		
4"	4SSPFL	668.83

Press Coupling



SIZE	STOCK NO	EACH
Type 304		
½"	12SSPC	26.21
¾"	34SSPC	27.04
1"	1SSPC	30.20
1¼"	114SSPC	40.24
1½"	112SSPC	45.15
2"	2SSPC	57.51
Type 304 - XL		
3"	3SSPC	250.22
4"	4SSPC	328.73

Press "Repair" Coupling

SIZE	STOCK NO	EACH
Type 304 - XL		
3"	3SSPRC	383.32
4"	4SSPRC	459.79

Fitting x Press Reducer



FITTING X PRESS	STOCK NO	EACH
Type 304		
1 x ½"	1X12SSPFR	105.65
1¼ x ½"	114X12SSPFR	126.50
1½ x 1"	112X1SSPFR	97.78
2 x ½"	2X12SSPFR	157.20
2 x ¾"	2X34SSPFR	137.31
Type 304 • XL		
3 x 2"	3X2SSPFR	206.88
4 x 2"	4X2SSPFR	275.07

Press Union



SIZE	STOCK NO	EACH
Type 304		
¾"	34SSPU	166.53
1"	1SSPU	203.73
1¼"	114SSPU	309.56
2"	2SSPU	420.44

Stainless Steel MegaPress Fittings (47S)

viega.net

Viega MegaPress System

- Suitable for use with Schedule 10 through Schedule 40 pipe
- MegaPress Stainless fittings featured in 304
- Includes patented Viega Smart Connect feature
- Reduces cleanup and callbacks



MegaPress 90° Elbow

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPL	84.89
¾"	34MESSPL	98.34
1"	1MESSPL	119.41
1½"	112MESSPL	198.95
2"	2MESSPL	252.33



MegaPress 45° Elbow

Type 304

SIZE	STOCK NO	EACH
½"	12MESSP45L	84.89
¾"	34MESSP45L	98.34
1"	1MESSP45L	119.41
1½"	112MESSP45L	198.95
2"	2MESSP45L	252.33



MegaPress Flange

Type 304

SIZE	STOCK NO	EACH
¾"	34MESSPFLG	184.85
1"	1MESSPFLG	232.85
1½"	112MESSPFLG	309.57
2"	2MESSPFLG	351.19



MegaPress Tee

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPT	173.94
¾"	34MESSPT	194.56
1"	1MESSPT	226.80
1½"	112MESSPT	320.70
2"	2MESSPT	379.01
Reducing Tees		
¾ x ¾ x ½"	34X12MESSPT	210.02
1 x 1 x ½"	1X12MESSPT	246.36
1 x 1 x ¾"	1X34MESSPT	246.36
1½ x 1½ x ½"	112X12MESSPT	287.99
1½ x 1½ x ¾"	112X34MESSPT	345.58
1½ x 1½ x 1"	112X1MESSPT	359.07
2 x 2 x ½"	2X12MESSPT	411.98
2 x 2 x ¾"	2X34MESSPT	411.98
2 x 2 x 1"	2X1MESSPT	441.81
2 x 2 x 1½"	2X112MESSPT	441.81



MegaPress Male Adapter

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPMA	60.55
¾ x ½"	34X12MESSPMA	68.20
¾"	34MESSPMA	68.20
1"	1MESSPMA	80.56
1½"	112MESSPMA	136.45
2"	2MESSPMA	168.97



MegaPress Female Adapter

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPFA	78.73
¾"	34MESSPFA	88.64
1"	1MESSPFA	104.71
1½"	112MESSPFA	177.37
2"	2MESSPFA	209.21



MegaPress Cap

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPCAP	43.44
¾"	34MESSPCAP	51.27
1"	1MESSPCAP	69.20
1½"	112MESSPCAP	121.20
2"	2MESSPCAP	143.24



MegaPress Union

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPU	238.66
¾"	34MESSPU	274.88
1"	1MESSPU	336.28
1½"	112MESSPU	556.89
2"	2MESSPU	700.67



MegaPress Coupling

Type 304

SIZE	STOCK NO	EACH
½"	12MESSPC	40.40
¾"	34MESSPC	50.06
1"	1MESSPC	63.55
1½"	112MESSPC	81.96
2"	2MESSPC	103.29
MegaPress Reducing Coupling		
¾ x ½"	34X12MESSPC	106.98
1 x ¾"	1X34MESSPC	127.17
1½ x 1"	112X1MESSPC	170.57
2 x 1½"	2X112MESSPC	189.64

Zero Lead Bronze MegaPress Fittings (47M)



MegaPress Bronze IPS Transition Coupling

Compatible with Schedule 10 to Schedule 40 IPS-sized iron pipe conforming to ASTM A53, A106, A135, A795 or IPS-sized stainless pipe conforming to ASTM A312.

SIZE	STOCK NO	EACH
Press x Press		
½"	ME12PRTC	61.14
¾"	ME34PRTC	69.89
1"	ME1PRTC	93.46
1¼"	ME114PRTC	126.40
1½"	ME112PRTC	168.13
2"	ME2PRTC	229.18



MegaPress Bronze IPS to CTS Transition Coupling

The IPS side of the transition coupling must be used with ASTM A53, A106, A135, or A795 Schedule 10 to Schedule 40 iron pipe. The CTS street side of the transition coupling must be used with a Viega ProPress copper or stainless fittings to transition to copper, PEX, or stainless steel.

SIZE	STOCK NO	EACH
Press x Fitting		
½"	ME12PRTFC	44.12
¾"	ME34PRTFC	51.26
1"	ME1PRTFC	75.46
1¼"	ME114PRTFC	103.50
1½"	ME112PRTFC	140.04
2"	ME2PRTFC	190.87



Stainless Steel Tubing

316 seamless - 20' Lengths

SIZE	STOCK NO	PER FOOT
1/4 OD x 035W"	14X035ST316	2.92
3/8 OD x 035W"	38X035ST316	4.07
1/2 OD x 035W"	12X035ST316	5.07
1/2 OD x 049W"	12X049ST316	6.60
3/4 OD x 049W"	34X049ST316	9.84



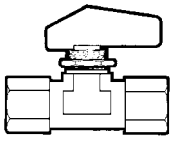
Standard Nut

O.D.	STOCK NO	EACH
STAINLESS STEEL		
1/2"	SSDN8	8.93



Collet Set 10 per Package

O.D.	STOCK NO	EACH
BRASS		
1/4"	BDCSET410	20.17
STAINLESS STEEL		
3/8"	SSDCSET610	52.53



Ty-Flo 1 pc. Brass Ball Valve w/CBC-LOK Ends

Temperature Range -300° F to 300°F

MAX. 3000 P.S.I.

O.D. x O.D.	STOCK NO	EACH
1/4 x 1/4"	B4DTT44K	96.48



Male Elbow

O.D. x NPT	STOCK NO	EACH
STAINLESS STEEL		
1/4 x 1/8"	SS4DME2	24.90
1/4 x 1/4"	SS4DME4	26.75
3/8 x 1/4"	SS6DME4	33.36



Union Elbow

O.D. x O.D.	STOCK NO	EACH
BRASS		
1/4 x 1/4"	B4DELU4	14.86
STAINLESS STEEL		
1/4 x 1/4"	SS4DELU4	31.49
3/8 x 3/8"	SS6DELU6	38.61
1/2 x 1/2"	SS8DELU8	63.52
3/4 x 3/4"	SS12DELU12	112.29



Union Tee

STAINLESS STEEL

O.D. x O.D. x O.D.	STOCK NO	EACH
1/4 x 1/4 x 1/4"	SS4DTTT4	44.21
3/8 x 3/8 x 3/8"	SS6DTTT6	57.25
1/2 x 1/2 x 1/2"	SS8DTTT8	88.07



Male Connector

O.D. x NPT	STOCK NO	EACH
BRASS		
1/4 x 1/4"	B4DMC4	6.61
1/2 x 3/8"	B8DMC6	13.78
1/2 x 1/2"	B8DMC8	15.23
STAINLESS STEEL		
1/4 x 1/8"	SS4DMC2	13.38
1/4 x 1/4"	SS4DMC4	14.05
3/8 x 3/8"	SS6DMC6	21.68
3/8 x 1/2"	SS6DMC8	26.07
1/2 x 1/4"	SS8DMC4	27.94
1/2 x 1/2"	SS8DMC8	32.19
3/4 x 3/4"	SS12DMC12	49.29



Female Connector

O.D. x NPT	STOCK NO	EACH
BRASS		
3/8 x 1/4"	B6DFC4	13.43
1/2 x 1/2"	B8DFC8	21.47



Union

O.D. x O.D.	STOCK NO	EACH
BRASS		
3/8 x 3/8"	B6DU	14.66
STAINLESS STEEL		
1/4 x 1/4"	SS4DU	21.85
3/8 x 3/8"	SS6DU	30.99
1/2 x 1/2"	SS8DU	46.08
3/4 x 3/4"	SS12DU	75.02

Stainless Steel Grooved Fittings (09)

victaulic.com



Series 461
Vic-300 MasterSeal™
Stainless Steel Butterfly Valve

- EPDM Seat
- Pressure Rating: 300psi/2100kPa/21bar
- Full working pressure for bi-directional, dead end services.
- 10 Position Handle

SIZE	STOCK NO	EACH
3"	V030461XE2	3735.66
4"	V040461XE2	4459.77
6"	V060461XE2	8385.99



Series 861
Vic-300 MasterSeal™
Stainless Steel Butterfly Valve

FOR POTABLE WATER APPLICATIONS

- FKM Seat
- Pressure Rating: 300psi/2100kPa/21bar
- Operating temperature: +0˚F to +180˚F
- Full working pressure for bi-directional, dead end services.
- 10 Position Handle (Gear Operator for 8")

SIZE	STOCK NO	EACH
2"	V020861XP2	2905.77
2½"	V024861XP2	3579.33
3"	V030861XP2	3735.66
4"	V040861XP2	4459.77
6"	V060861XP2	8385.99
8" (Gear Operator)	V080861XP3	13200.43



Style 889
Ridgid Coupling

For use on stainless steel potable water piping systems only

- Utilizes Grade P gasket material for improved resistance to typical potable water disinfectants
- Pressures up to 750 psi | 5171 kPa | 52 bar
- Operating temperature: +0˚F to +180˚F
- Provides a rigid pipe joint designed to restrict axial or angular movement

SIZE	STOCK NO	EACH
8"	8V889	1212.55



No. 410
90° Elbow

Schedule 10 Type 304 stainless steel

SIZE	STOCK NO	EACH
2"	2V410	419.22
2½"	212V410	567.00
3"	3V410	547.56
4"	4V410	779.33
6"	6V410	2046.33



No. 411
45° Elbow

Schedule 10 Type 304 stainless steel

SIZE	STOCK NO	EACH
2"	2V411	374.11
2½"	212V411	490.78
3"	3V411	504.78
4"	4V411	719.44
6"	6V411	1352.55



No. 420 Tee

Schedule 10 Type 304 stainless steel

SIZE	STOCK NO	EACH
2"	2V420	1106.78
2½"	212V420	1349.44
3"	3V420	1396.89
4"	4V420	1495.67
6"	6V420	2905.00



No. 425
Reducer Tee

Schedule 10 Type 304 stainless steel

SIZE	STOCK NO	EACH
3x3x2"	3X2V425	1727.44
3x3x2½"	3X212V425	1664.44
4x4x2"	4X2V425	1956.89
4x4x2½"	4X212V425	2084.44
4x4x3"	4X3V425	2297.55
6x6x2½"	6X212V425	2944.66
6x6x3"	6X3V425	2960.22
6x6x4"	6X4V425	3667.22



No. 450
Concentric Reducer

Schedule 10 Type 304 stainless steel

SIZE	STOCK NO	EACH
4x2"	4X2V450	651.78
4x2½"	4X212V450	892.11
4x3"	4X3V450	465.11
6x2½"	6X212V450	7470.55
6x3"	6X3V450	1495.67
6x4"	6X4V450	1137.11



Mechanical T Style 422

Rated at 300 psi. Bar working pressure on Schedule 10S and 40S stainless steel pipe. They may also be used on high density polyethylene (HDPE) pipe. Pressure ratings on HDPE are dependent on the pipe rating.

SIZE	STOCK NO	EACH
Type 316		
4x2"	4X2V422	899.11
4x3"	4X3V422	894.44
6x2"	6X2V422	1225.78
6x3"	6X3V422	1177.55



807N Quickvic™
Installation-Ready™
Ridgid Coupling

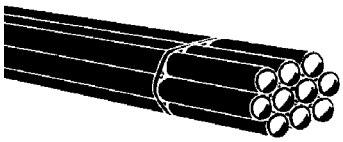
- For use on stainless steel and galvanized carbon steel potable water piping systems only
- Utilizes Grade P gasket material for improved resistance to typical potable water disinfectants
- Pressures up to 750 psi, 5171 kPa, 52 bar
- Operating temperature: +0˚F to +180˚F
- Provides a rigid pipe joint designed to restrict axial or angular movement

SIZE	STOCK NO	EACH
2"	2V807N	171.00
2½"	212V807N	193.00
3"	3V807N	223.50
4"	4V807N	308.50
6"	6V807N	519.50
8"	8V807N	819.50

Victaulic®

ABS DWV Pipe and Fittings (08)

muellerindustries.com



(08a)

ABS-DWV Foamcore Pipe

PIPE SIZE	STOCK NO	PER FOOT
1½ x 20	112X20AB	1.42
2 x 20	2X20AB	1.93
3 x 20	3X20AB	3.95
4 x 20	4X20AB	5.86
6 x 20	6X20AB	17.07
1½ x 10	112X10AB	1.51
2 x 10	2X10AB	2.05
3 x 10	3X10AB	4.20
4 x 10	4X10AB	6.23

cresline.com



(08)

90° Elbow

SIZE	STOCK NO	EACH
1½"	112ABL	3.31
2"	2ABL	5.09
3"	3ABL	12.82
4"	4ABL	26.31
6"	6ABL	112.19



Closet Bend

SIZE	STOCK NO	EACH
4X3"	4X3ABL	19.80



Long Sweep 90° Elbow

SIZE	STOCK NO	EACH
1½"	112ABLRL	5.86
2"	2ABLRL	7.13
3"	3ABLRL	17.45
4"	4ABLRL	29.79



90° Low Heel

SIZE	STOCK NO	EACH
3x3x2"	3X2ABLHL	21.56



90° Vent Elbow

SIZE	STOCK NO	EACH
1½"	112ABVL	5.92
2"	2ABVL	9.81
3"	3ABVL	24.32



Street ¼ Bends

SIZE	STOCK NO	EACH
1½"	112ABSL	4.25
2"	2ABSL	7.13
3"	3ABSL	15.64
4"	4ABSL	31.29



Closet Bend

SIZE	STOCK NO	EACH
4x3"	4X3ABSL	34.72



60° Elbow HubxHub

SIZE	STOCK NO	EACH
1½"	112AB60L	5.83
2"	2AB60L	8.27
3"	3AB60L	26.58
4"	4AB60L	40.12



45° Elbow Hub x Hub

SIZE	STOCK NO	EACH
1½"	112AB45L	3.04
2"	2AB45L	4.68
3"	3AB45L	11.23
4"	4AB45L	21.09
6"	6AB45L	93.90



45° Street Elbow

SIZE	STOCK NO	EACH
1½"	112ABS45L	3.78
2"	2ABS45L	5.01
3"	3ABS45L	12.37
4"	4ABS45L	21.44
6"	6ABS45L	117.71



22½° Elbow Hub x Hub

SIZE	STOCK NO	EACH
1½"	112AB22L	4.41
2"	2AB22L	5.04
3"	3AB22L	12.94
4"	4AB22L	19.69

22½° Street Elbow

SIZE	STOCK NO	EACH
1½"	112ABS22L	12.57
2"	2ABS22L	11.36
3"	3ABS22L	19.27
4"	4ABS22L	33.65



Sanitary Tee

SIZE	STOCK NO	EACH
1½"	112ABST	4.89
2"	2ABST	7.53
3"	3ABST	20.48
4"	4ABST	36.43
6"	6ABST	181.68
2x2x1½"	2X112ABST	6.55
2x1½ x2"	2X112X2ABST	7.54
2x1½ x1½"	2X112X112ABST	6.71
3x3x2"	3X2ABST	16.31
3x3x1½"	3X112ABST	14.11
4x4x2"	4X2ABST	39.12
4x3"	4X3ABST	40.06



Side Inlet Sanitary Tee

SIZE	STOCK NO	EACH
3x3x3x1½"	3X112ABLSIT	48.35
3x2	3X2ABLSIT	46.58



Double Sanitary Tee

SIZE	STOCK NO	EACH
1½"	112ABSX	13.94
2"	2ABSX	18.52
2x2x1½ x1½"	2X112ABSX	13.23
3"	3ABSX	48.49
3x3x2x2"	3X2ABSX	35.25
3x3x1½ x1½"	3X112ABSX	57.17
4"	4ABSX	91.57



Cleanout Tee

SIZE	STOCK NO	EACH
1½"	112ABCOT	11.64
2"	2ABCOT	12.77
3"	3ABCOT	23.90
4"	4ABCOT	52.08



Sanitary Fixture Tee

SIZE	STOCK NO	EACH
3x2"	3X2ABRSIT	46.58



45° Wye

SIZE	STOCK NO	EACH
1½"	112ABY	8.85
2"	2ABY	10.59
3"	3ABY	22.77
4"	4ABY	46.31
6"	6ABY	139.31
2x2x1½"	2X112ABY	12.03
2x1½ x1½"	2X112X112ABY	14.16
3x3x1½"	3X112ABY	21.92
3x3x2"	3X2ABY	16.00
4x4x3"	4X3ABY	39.97
4x4x2"	4X2ABY	29.55
6x4x4"	6X4ABY	126.01



Double 45° Wye

SIZE	STOCK NO	EACH
1½"	112ABDY	24.89
3x3x2x2	3X2ABDY	46.49



Combination Wye and ⅛ Bends or Long Turn Tee Wyes

SIZE	STOCK NO	EACH
1½"	112ABLTY	12.70
2"	2ABLTY	12.94
3"	3ABLTY	30.71
4"	4ABLTY	64.20
2x2x1½"	2X2X112ABLTY	14.14
3x3x2"	3X3X2ABLTY	19.95
4x4x2"	4X4X2ABLTY	35.93
4x4x3"	4X4X3ABLTY	46.11



Tee • Double Fixture

SIZE	STOCK NO	EACH
2"	2ABFT	28.31
3"	3ABFT	65.45



Wye • Double Fixture

SIZE	STOCK NO	EACH
2x2x1½ x1½"	2X112X112ABFT	21.86



Coupling

SIZE	STOCK NO	EACH
1½"	112ABC	1.70
2"	2ABC	2.14
3"	3ABC	6.41
4"	4ABC	10.68
2 x 1½ "	2X112ABC	4.55
3 x 1½ "	3X112ABC	13.49
3 x 2"	3X2ABC	10.80
4 x 2"	4X2ABC	22.50
4 x 3"	4X3ABC	20.16
6"	6ABC	44.79



Repair Coupling

SIZE	STOCK NO	EACH
1½"	112ABRC	11.28
2"	2ABRC	6.01
3"	3ABRC	14.94



Bushing

SIZE	STOCK NO	EACH
2 x 1½"	2X112ABB	2.59
3 x 1½"	3X112ABB	11.36
3 x 2"	3X2ABB	7.12
4 x 2"	4X2ABB	21.11
4 x 3"	4X3ABB	11.19
6 x 4"	6X4ABB	59.31



Male Adapter

SIZE	STOCK NO	EACH
1½" x 1½"	112ABMA	2.48
2 x 2"	2ABMA	4.34
3 x 3"	3ABMA	11.64
4 x 4"	4ABMA	23.62



Female Adapter

SIZE	STOCK NO	EACH
1½"	112ABFA	2.92
2"	2ABFA	4.60
3"	3ABFA	12.31
4"	4ABFA	14.07



Fitting Adapter Clean Out

SIZE	STOCK NO	EACH
1½"	112ABCOA	3.59
2"	2ABCOA	4.97
3"	3ABCOA	12.52
4"	4ABCOA	23.46

(18)



ABS Flush Fit Cleanout Adapter

SSIZE	STOCK NO	EACH
3"	SC8753A	12.47
4"	SC8754A	16.01



Male Trap Adapter

SIZE	STOCK NO	EACH
1½"	112ABMTA	4.71



Female Trap Adapter

SIZE	STOCK NO	EACH
1½"	112ABFTA	4.42
1½" x 1¼"	112X114ABFTA	5.81



Slip Cap

SIZE	STOCK NO	EACH
1½"	112ABCAP	5.66
2"	2ABCAP	7.82
3"	3ABCAP	16.15
4"	4ABCAP	15.80



Plugs

SIZE	STOCK NO	EACH
1½"	112ABP	2.42
2"	2ABP	2.64
3"	3ABP	4.30
3½"	312ABP	17.53
4"	4ABP	7.46

ABS DWV Pipe and Fittings (08)

muellerindustries.com



(18)
Floor Drain

SIZE	STOCK NO	EACH
2"	SC800A	24.12

(21)
Replacement Cover for SC800A

STOCK NO	EACH
SC801A2	5.54



(18)
Multi-Purpose Floor Drain

Designed for 2x3" solvent weld connection, fits over 2" or inside 3" schedule 40 DWV pipe or street elbow.

BODY	STOCK NO	EACH
ABS	8412A	14.62



(02)
Backwater Device

2" MIP Body.

SIZE	STOCK NO	EACH
2" MIP	SC8027	6.83



(18)
45° Closet Flange

SIZE	STOCK NO	EACH
3"	SC88945AM	17.89



(18)
ABS Backwater Valve

SIZE	STOCK NO	EACH
3"	SC869S3A	40.48
With Sleeve		
3"	SC869S3AS	69.86



Adjustable "P" Trap

SIZE	STOCK NO	EACH
1½"	112ABPTW	15.32
2"	2ABPTW	28.02



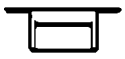
Hub "P" Trap

SIZE	STOCK NO	EACH
1½"	112ABPT	11.39
2"	2ABPT	13.83
3"	3ABPT	59.36



SJ x Hub "P" Trap

SIZE	STOCK NO	EACH
1½"	112ABLAT	29.37



A811 Closet Flange Hub x Flange

SIZE	STOCK NO	EACH
4x3"	4X3ABCF	31.34



A812 Adjustable Closet Flange, Spigot

SIZE	STOCK NO	EACH
4x3"	4X3ABSCF	34.21
4x4"	4ABSCF	36.98



A800S Closet Ring Non-Adjustable

SIZE	STOCK NO	EACH
4x3"	4X3ABICF	13.36



A800KO Pop-Top Closet Flange

SIZE	STOCK NO	EACH
4x3"	4X3ABPCF	16.18



(18)
Flush Fit Closet Flange

STOCK NO	EACH
ABFFCLFL	3.87



(18)
Flush Fit C/O Flange

With knock out stainless steel ring.

STOCK NO	EACH
SC884ATM	8.00

ABS/Transition Cements (18b)

ipscorp.com



No. 773 Cement for ABS Pipe and Fittings

Medium-bodied black low VOC cement recommended for use on ABS pipe and fittings, all classes, all schedules up to 8 inches in diameter.
NSF and UPC Listed.

SIZE	STOCK NO	EACH
4 oz.	14PTABCE	8.78
8 oz.	12PTABCE	12.05
Pint	PTABCE	18.54
Quart	QTABCE	33.24



No. 771 Milky-ClearCement for ABS Pipe and Fittings

Medium-bodied milky clear cement recommended for use on ABS pipe and fittings , all classes, all schedules up to 8 inches in diameter.
NSF and UPC Listed.

SIZE	STOCK NO	EACH
Pint	PTMIABCE	24.46
Quart	QTMIABCE	40.21



No. C-65 All Purpose Cleaner for PVC, CPVC, ABS & Styrene Pipe and Fittings

A fast-acting clear cleaner recommended for use on ABS, PVC and CPVC pipe and fittings, all schedules and all diameters. Removes surface dirt, grease and grime. Unlimited shelf life.

SIZE	STOCK NO	EACH
4 oz.	14PTPVPR	8.81
8 oz.	12PTPVPR	13.32
Pint	PTPVPR	20.54
Quart	QTPVPR	30.22
Gallon	GAPVPR	108.14



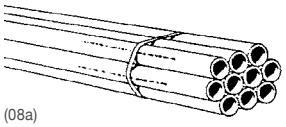
No. 794 ABS to PVC Transition Cement

Medium-bodied fast setting cement for all classes and schedules through 6" diameter interference fit
NOT FOR SCHEDULE 80

SIZE	STOCK NO	EACH
Pint	PTGRTRCE	32.97

PVC DWV Pipe and Fittings (08)

muellerindustries.com



(08a)

ASTM D-2665/D-1785 Dual Marked PVC/DWV

Schedule 40 Plain End

PIPE SIZE	STOCK NO	PER FOOT
10' Lengths		
1½" x 10'	112X10PV	.82
2" x 10'	2X10PV	1.10
3" x 10'	3X10PV	2.20
4" x 10'	4X10PV	2.97
6" x 10'	6X10PV	5.60
8" x 10'	8X10PV	8.73
20' Lengths		
1¼" x 20'	114X20PV	.69
1½" x 20'	112X20PV	.82
2" x 20'	2X20PV	1.10
3" x 20'	3X20PV	2.20
4" x 20'	4X20PV	2.97
6" x 20'	6X20PV	5.60
8" x 20'	8X20PV	8.73
10" x 20'	100X20PV	12.31
12" x 20'	120X20PV	16.29
16" x 20'	16X20PV	31.64

(08a)

ASTM D-1785 PVC Pipe

Schedule 40 • Super Belled One End

PIPE SIZE	STOCK NO	PER FOOT
14" x 20'	14X20PVSBE	57.13
16" x 20'	16X20PVSBE	33.32

(08a)

PVC-DWV Foam Core Pipe

PIPE SIZE	STOCK NO	PER FOOT
10' Lengths		
1½ x 10	112X10PVFC	.63
2 x 10	2X10PVFC	.83
3 x 10	3X10PVFC	1.57
4 x 10	4X10PVFC	2.27
20' Lengths		
1½ x 20	112X20PVFC	.63
2 x 20	2X20PVFC	.83
3 x 20	3X20PVFC	1.57
4 x 20	4X20PVFC	2.27
6 x 20	6X20PVFC	4.22
8 x 20	8X20PVFC	6.42

(00b)

Schedule 40 Insulated PVC Pipe



SIZE	STOCK NO	EACH FT
2"	2X10INSPV	19.51
4"	4X10INSPV	27.46

(8a)

PVC/DWV Foam Core

Belled One End

PIPE SIZE	STOCK NO	PER FOOT
4"X10'	4X10PVFCBE	2.53

cresline.com

(18)

DWV Ground Stake



STOCK NO	EACH
SC53514	3.09

90° Elbow



SIZE	STOCK NO	EACH
1½"	112PVDL	1.88
2"	2PVDL	2.97
3"	3PVDL	8.73
4"	4PVDL	17.24
4x3"	4X3PVDL	14.04
6"	6PVDL	93.41
8"	8PVDL	119.39
10"	10PVDL	395.32
12"	12PVDL	608.85
14"	14PVDL	1025.90
16"	16PVDL	1408.59

Long Sweep 90° Elbow



SIZE	STOCK NO	EACH
1½"	112PVDLRL	4.36
2"	2PVDLRL	4.88
3"	3PVDLRL	11.22
4"	4PVDLRL	21.18
6"	6PVDLRL	119.26

Low Heel 90° Elbow



SIZE	STOCK NO	EACH
3X2"	3X2PVDLHL	15.03

90°Vent Elbow.68



SIZE	STOCK NO	EACH
1½"	112PVDVL	3.88
2"	2PVDVL	5.03
3"	3PVDVL	13.03

90° Street Elbow

HubxStreet



SIZE	STOCK NO	EACH
1½"	112PVDSL	2.43
2"	2PVDSL	3.74
3"	3PVDSL	10.42
4"	4PVDSL	17.42
4x3"	4X3PVDSL	27.34
6"	6PVDSL	120.48
8"	8PVDSL	231.24

90°Long Turn Street Elbow



SIZE	STOCK NO	EACH
1½"	112PVDLSL	6.69
2"	2PVDLSL	8.02
3"	3PVDLSL	19.95
4"	4PVDLSL	30.74

60° Elbow

HubxHub



SIZE	STOCK NO	EACH
1½"	112PVD60L	4.39
2"	2PVD60L	5.11
3"	3PVD60L	18.84
4"	4PVD60L	25.12

45° Elbow

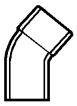
Hub x Hub



SIZE	STOCK NO	EACH
1½"	112PVD45L	1.84
2"	2PVD45L	2.75
3"	3PVD45L	7.83
4"	4PVD45L	14.31
6"	6PVD45L	46.00
8"	8PVD45L	106.02
10"	10PVD45L	301.77
12"	12PVD45L	456.74
14"	14PVD45L	886.33
16"	16PVD45L	958.59

45° Street Elbow

SpigotxHub



SIZE	STOCK NO	EACH
1½"	112PVDS45L	1.76
2"	2PVDS45L	2.81
3"	3PVDS45L	7.41
4"	4PVDS45L	12.70
6"	6PVDS45L	33.49
8"	8PVDS45L	115.07
10"	10PVDS45L	301.36
12"	12PVDS45L	461.78
16"	16PVDS45L	958.59

22½° Elbow

HubxHub



SIZE	STOCK NO	EACH
1½"	112PVD22L	2.62
2"	2PVD22L	3.10
3"	3PVD22L	7.65
4"	4PVD22L	12.09
6"	6PVD22L	69.85
8"	8PVD22L	83.69
10"	10PVD22L	288.50
12"	12PVD22L	461.60
16"	16PVD22L	916.92

22½° Street Elbow

SpigotxHub

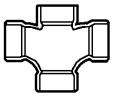


SIZE	STOCK NO	EACH
1½"	112PVDS22L	7.09
2"	2PVDS22L	7.61
3"	3PVDS22L	11.85
4"	4PVDS22L	17.20

Sanitary Tee



SIZE	STOCK NO	EACH
1½"	112PVDST	3.29
2"	2PVDST	4.84
2x2x1½"	2X112PVDST	4.28
2x1½ x2"	2X112X2PVDST	5.13
2x1½ x1½"	2X112X112PVDST	4.26
3"	3PVDST	12.73
3x3x2"	3X2PVDST	9.59
3x3x1½"	3X112PVDST	9.24
4"	4PVDST	23.24
4x4x2"	4X2PVDST	20.00
4x4x3"	4X3PVDST	27.17
6"	6PVDST	55.48
6x4"	6X4PVDST	90.23
8"	8PVDST	316.42
8x4"	8X4PVDST	141.67
8x6"	8X6PVDST	174.92
10"	10PVDST	982.17
10x8"	10X8PVDST	674.08
12"	12PVDST	1182.37
12x10"	12X10PVDST	904.20



Double Sanitary Tee

SIZE	STOCK NO	EACH
1½"	112PVDX	7.23
2"	2PVDX	9.77
2x2x1½ x1½"	2X112PVDX	7.67
3"	3PVDX	27.33
3x3x1½ x1½"	3X112PVDX	17.80
3x3x2x2	3X2PVDX	19.35
4"	4PVDX	43.96



Sanitary Tee, Street

SIZE	STOCK NO	EACH
1½"	112PVDSST	9.84
2"	2PVDSST	9.55



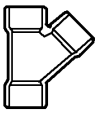
Sanitary Tee, Left Inlet

SIZE	STOCK NO	EACH
3x3x3x1½"	3X112PVDLSIT	35.87
3x3x3x2"	3X2PVDLSIT	24.77



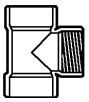
Sanitary Tee

SIZE	STOCK NO	EACH
Right Inlet		
3x3x3x1½"	3X112PVDRSIT	35.87
3x3x3x2"	3X2PVDRSIT	24.77
Right and Left Inlet		
3x3x3x1½"	3X2PVDDST	36.32



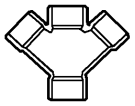
45° Wye

SIZE	STOCK NO	EACH
1½"	112PVDY	5.99
2"	2PVDY	5.89
2 x 2 x 1½"	2X112PVDY	7.21
2 x 1½ x 1½"	2X112X112PVDY	8.24
2 x 1½ x 2"	2X112X2PVDY	12.75
3"	3PVDY	15.94
3 x 3 x 2"	3X2PVDY	11.78
3 x 3 x 1½"	3X112PVDY	10.66
4"	4PVDY	28.90
4 x 4 x 3"	4X3PVDY	22.29
4 x 4 x 2"	4X2PVDY	16.44
6"	6PVDY	70.50
6x3"	6X3PVDY	77.01
6 x 6 x 4"	6X4PVDY	104.23
8"	8PVDY	225.16
8 x 4"	8X4PVDY	102.58
8 x 8 x 6"	8X6PVDY	135.62
10"	10PVDY	542.96
10 x 4"	10X4PVDY	309.28
10 x 6"	10X6PVDY	401.18
10 x 8"	10X8PVDY	474.75
12"	12PVDY	881.99
12 x 4"	12X4PVDY	479.02
12 x 6"	12X6PVDY	523.00
12 x 8"	12X8PVDY	621.12
12 x 10"	12X10PVDY	695.56
14"	14PVDY	1696.39
14 x 10"	14X10PVDY	1290.77
14 x 12"	14X12PVDY	1559.85
16"	16PVDY	2035.33
16 x 4"	16X4PVDY	1251.87
16 x 6"	16X6PVDY	1382.13
16 x 8"	16X8PVDY	1461.94
16 x 10"	16X10PVDY	1703.80
16 x 12"	16X12PVDY	1761.17



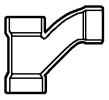
Cleanout Tee

SIZE	STOCK NO	EACH
1½"	112PVDCOT	6.77
2"	2PVDCOT	7.90
3"	3PVDCOT	15.32
4"	4PVDCOT	27.27
6"	6PVDCOT	220.58
8"	8PVDCOT	462.01
8x8x6"	8X6PVDCOT	133.68
10x10x8	10X8PVDCOT	1010.74



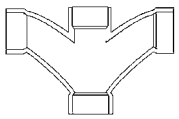
Double 45° Wye

SIZE	STOCK NO	EACH
1½"	112PVDDY	12.79
2"	2PVDDY	15.18
3"	3PVDDY	29.68
3 x 1½"	3X112PVDDY	27.17
3 x 2"	3X2PVDDY	22.12
4"	4PVDDY	63.96
4 x 2"	4X2PVDDY	36.10
4 x 3"	4X3PVDDY	47.68



Single Combination Wye and ⅛ Bend

SIZE	STOCK NO	EACH
1½"	112PVDLTY	7.97
2"	2PVDLTY	9.94
2 x 2 x 1½"	2X112PVDLTY	11.19
3"	3PVDLTY	21.88
3 x 3 x 2"	3X2PVDLTY	14.95
4"	4PVDLTY	43.12
4 x 4 x 3"	4X3PVDLTY	29.05
4 x 4 x 2"	4X2PVDLTY	22.52
6"	6PVDLTY	165.99
6 x 4"	6X4PVDLTY	149.30
8"	8PVDLTY	387.53
8 x 4"	8X4PVDLTY	234.22
8 x 6"	8X6PVDLTY	176.19
10"	10PVDLTY	1166.52
10 x 4"	10X4PVDLTY	409.82
10 x 6"	10X6PVDLTY	526.80
10 x 8"	10X8PVDLTY	687.00
12"	12PVDLTY	1375.54
12 x 6"	12X6PVDLTY	662.07
12 x 8"	12X8PVDLTY	834.98
12 x 10"	12X10PVDLTY	1196.08
16 x 4"	16X4PVDLTY	1419.49



Double Fixture Tee

SIZE	STOCK NO	EACH
2x1½x1½"	2X112X112PVDFT	19.13
2"	2PVDFT	16.64
3"	3PVDFT	35.92



Coupling

SIZE	STOCK NO	EACH
1½"	112PVDC	.89
2"	2PVDC	1.21
2 x 1½"	2X112PVDC	2.69
3"	3PVDC	4.24
3 x 2"	3X2PVDC	6.14
3 x 1½"	3X112PVDC	7.88
4"	4PVDC	7.20
4 x 2"	4X2PVDC	12.03
4 x 3"	4X3PVDC	12.86
6"	6PVDC	36.42
6 x 4"	6X4PVDC	72.24
8"	8PVDC	59.88
8 x 4"	8X4PVDC	106.54
8 x 6"	8X6PVDC	85.66
10"	10PVDC	132.72
10 x 4"	10X4PVDC	212.47
10 x 6"	10X6PVDC	219.19
10 x 8"	10X8PVDC	225.91
12"	12PVDC	226.05
12 x 4"	12X4PVDC	321.92
12 x 6"	12X6PVDC	376.41
12 x 8"	12X8PVDC	395.24
12 x 10'	12X10PVDC	414.98
14"	14PVDC	348.85
16"	16PVDC	389.12
16 x 4"	16X4PVDC	619.74
16 x 8"	16X8PVDC	638.16
16 x 12"	16X12PVDC	784.34



Repair Couplings

SIZE	STOCK NO	EACH
1½"	112PVDRC	4.87
2"	2PVDRC	3.39
3"	3PVDRC	8.58
4"	4PVDRC	16.50



Sewer Coupling

Adapts sewer & Drain pipe to DWV Pipe. Hub x Hub

SIZE	STOCK NO	EACH
4x4"	4X4PVDSC	13.95
4x3"	4X3PVDSC	13.45
6x6"	6X6PVDSC	48.61

PVC DWV Pipe and Fittings (08)

muellerindustries.com

Bushing

SIZE	STOCK NO	EACH
2 x 1¼"	2X114PVDB	4.23
2 x 1½"	2X112PVDB	1.55
3 x 1½"	3X112PVDB	7.38
3 x 2"	3X2PVDB	3.90
4 x 2"	4X2PVDB	12.83
4 x 3"	4X3PVDB	6.63
6 x 4"	6X4PVDB	32.97
8 x 4"	8X4PVDB	91.04
8 x 6"	8X6PVDB	98.79
10 x 4"	10X4PVDB	202.38
10 x 6"	10X6PVDB	208.75
10 x 8"	10X8PVDB	215.59
12 x 4"	12X4PVDB	306.57
12 x 6"	12X6PVDB	358.51
12 x 8"	12X8PVDB	376.41
12 x 10"	12X10PVDB	395.24
14 x 12"	14X12PVDB	701.67
16 x 4"	16X4PVDB	590.23
16 x 12"	16X12PVDB	778.45
16 x 14"	16X14PVDB	772.36



Male Adapter

SIZE	STOCK NO	EACH
1½"	112PVDMA	1.68
2"	2PVDMA	2.26
3"	3PVDMA	6.31
4"	4PVDMA	14.30



Female Adapter

SIZE	STOCK NO	EACH
1½"	112PVDFA	1.68
2"	2PVDFA	2.86
3"	3PVDFA	7.63
4"	4PVDFA	9.91



Fitting Adapter Cleanout

SIZE	STOCK NO	EACH
1½"	112PVDCOA	2.14
2"	2PVDCOA	2.86
3"	3PVDCOA	7.67
4"	4PVDCOA	12.61
6"	6PVDCOA	35.91
8"	8PVDCOA	203.32
10"	10PVDCOA	536.57



(18)

PVC Flush-fit Cleanout Adapter

SIZE	STOCK NO	EACH
2"	SC8752P	9.21
3"	SC8753P	12.36
4"	SC8754P	16.01



No-Hub Adapter

SIZE	STOCK NO	EACH
2"	2PVDNHA	4.66
3"	3PVDNHA	6.77
4"	4PVDNHA	8.68



Male Trap Adapter

SIZE	STOCK NO	EACH
1½ **or** 1¼"	112PVDMTA	3.71
1½ x 1¼"	112X114PVDMTA	4.50
2"	2PVDMTA	18.85



Female Trap Adapter

SIZE	STOCK NO	EACH
1¼"	114PVDFTA	3.60
1½"	112PVDFTA	3.50
1½ x 1¼"	112X114PVDFTA	3.46



Plug

Raised Square MPT

SIZE	STOCK NO	EACH
1½"	112PVDCOP	1.59
2"	2PVDCOP	1.78
3"	3PVDCOP	3.17
4"	4PVDCOP	4.70
6"	6PVDCOP	14.92
8"	8PVDCOP	103.82
10"	10PVDCOP	181.18



Knockout Test Plug

Use with pipe or fittings, Spigot insert

SIZE	STOCK NO	EACH
1½"	112PVDTCAP	.33
2"	2PVDTCAP	.42
3"	3PVDTCAP	.63
4"	4PVDTCAP	.72



(02)

QuickPlug

Trap Adapter Test Plug

SIZE	STOCK NO	EACH
1½"	SC234QP	.89

Techno-Test Caps

DWV pipe.

SIZE	STOCK NO	EACH
1½"	112TECA	1.09
2"	2TECA	1.15
3"	3TECA	1.71
4"	4TECA	1.80



Socket Cap

SIZE	STOCK NO	EACH
1½"	112PVCAP	1.10
2"	2PVCAP	1.32
2½"	212PVCAP	4.22
3"	3PVCAP	4.59
4"	4PVCAP	10.45
6"	6PVCAP	25.06
8"	8PVCAP	47.47
10"	10PVDCAP	193.28
12"	12PVDCAP	244.51
14"	14PVDCAP	407.98
16"	16PVDCAP	545.99



C/S - Cleanout Plug

SIZE	STOCK NO	EACH
1½"	112PVDCCP	1.86
2"	2PVDCCP	1.86
3"	3PVDCCP	2.84
3½"	312PVDCCP	3.40
4"	4PVDCCP	3.95



Adjustable "P" Trap Less Cleanout

SIZE	STOCK NO	EACH
1½"	112PVDPT	7.91
2"	2PVDPT	18.22



Hub "P" Trap Less Cleanout

SIZE	STOCK NO	EACH
1½"	112PVDWPT	6.63
2"	2PVDWPT	8.08
3"	3PVDWPT	27.29
4"	4PVDWPT	65.71



"P" Trap with Cleanout

SIZE	STOCK NO	EACH
2"	2PVDTW	17.65



Two Way Cleanout

SIZE	STOCK NO	EACH
3"	3PVDTWCO	29.28



Slip Joint x Hub "P" Trap

SIZE	STOCK NO	EACH
1½"	112PVDLAT	15.52



(18)

886-MR "Ringer" Stainless Steel Closet Ring

Strong, corrosion-proof stainless steel. Fits 3" or 4" pipe on concrete floors.

STOCK NO	EACH
One-Piece	
SC886MR	6.82
Two-Piece	
SC886MRM	22.48

(21)
Save-A-Flange
Closet Flange Repair kit
Renews broken closet flanges.
- 1 zinc plated bar
- 2 plastic screw anchors with screws
- 6 poly spacer washers

STOCK NO	EACH
SC49011320	6.30

Closet Flange Hub x Flange

SIZE	STOCK NO	EACH
4"	4PVDACF	24.14
4"x3"	4X3PVDACF	23.26

Adjustable Closet Flange

SIZE	STOCK NO	EACH
4"	4PVDSCF	27.13
4"x3"	4X3PVDSCF	19.35

One Piece Closet Flange

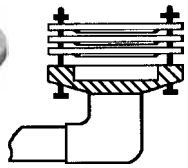
SIZE	STOCK NO	EACH
4" x 3"	4X3PVDCF	11.20

Pop Top Closet Flange

SIZE	STOCK NO	EACH
4"	4PVDPCF	15.42
4"x3"	4X3PVDPCF	8.61

(18)
P/F100 Offset Closet Flange

SIZE	STOCK NO	EACH
4"x3"	889PO	12.53

(18)
886-R Closet Flange Extension Ring
7/16" thick, can be stacked to desired height

STOCK NO	EACH
PVCLFLEX	3.72

(18)
Flush Fit Closet Flange with Knockout
- Fits over 3" or inside of 4" Schedule 40
- Fits flush with the floor
- Four countersunk mounting holes

STOCK NO	EACH
PVFFCLFL	3.87

(18)
Twist-N-Set Closet Flange
Replaces broken cast iron flanges, Gasket expands to fit service weight, heavy weight or no-hub.

STOCK NO	EACH
4PVTNSFL	28.34

(18)
Flush Fit C/O Flange
With knock out stainless steel ring.

STOCK NO	EACH
SC884PTM	8.00

(18)
Flush-to-Floor Closet Flange

SIZE	STOCK NO	EACH
3"x4"	SC886P	5.98

(18)
3" Inside Fit Closet Flange

SIZE	STOCK NO	EACH
3"	SC888P	4.80



(18)
45° Closet Flange

SIZE	STOCK NO	EACH
3"	SC88945PM	17.89



(18)
Floor Drain

SIZE	STOCK NO	EACH
2"	SC800P	24.12



(21)
Replacement Strainers for SC800P

COLOR	STOCK NO	EACH
Grey	SC801PG2	5.54



(18)
Adjustable Urinal Flange Kit
2" PVC spigot fitting solvent welds directly into any 2" fitting. Horizontal slots accommodate urinals with 3½" to 7" flange mounring centers. 1½" long tailpiece is easily cut to accommodate various wall finishes. Kit includes bolts, nuts, washers and gasket.

STOCK NO	EACH
AUFKS	17.41



(18)
Adjustable Urinal Flange Kit
2" PVC socket fitting. Horizontal slots for urinals with 3½" to 7" flange mounting centers. Kit includes bolts, nuts, washers and gasket.

STOCK NO	EACH
AUFK	17.41



(18)
Fat Max Floor Drain
Large capacity floor drain
No. 860-PS

SIZE	STOCK NO	EACH
3"	SC8603PS	86.57
4"	SC8604PS	86.57



(18)
Multi-Purpose Floor Drain
Designed for 2x3" solvent weld connection, fits over 2" or inside 3" schedule 40 DWV pipe or street elbow.

BODY	STOCK NO	EACH
PVC	8412P	14.62



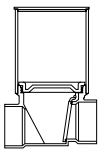
(18)
GP100P Floor Drain

SIZE	STOCK NO	EACH
2"-3"	2PVFD	6.70



(18)
Backwater Valve

SIZE	STOCK NO	EACH
1½"	112PVBWV	44.05
2"	2PVBWV	29.38
3"	3PVBWV	40.48
4"	4PVBWV	51.51
6"	SC8696P	266.04



(18)
DWV Backwater Valve with Extension Sleeve & Lid
No. 869 - 16" Sleeve

SIZE	STOCK NO	EACH
3"	SC8693PS	69.86
4"	SC8694PS	80.05

(18)
Sleeve Lid & Extension

SIZE	STOCK NO	EACH
Sleeve Lid & Extension		
2"	86923	17.89
Sleeve Lid ONLY		
3"	86933	15.09

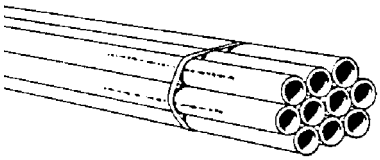


(18)
Upper/Lower Deep-Bury Adapters

SIZE	STOCK NO	EACH
Fits 3" & 4"	SC869S4PDB	61.33

PVC Sewer Pipe and Fittings (02)

muellerindustries.com



D2729 Sewer & Drain

SDR-26

PIPE SIZE	STOCK NO	PER FOOT
4"x10' Solid	4X10D2729SO	2.10
4"x10' Perforated	4X10D2729PE	2.10
6"x10' Solid	6X10D2729SO	4.07

D-3034 Solvent Weld

SDR-35

PIPE SIZE	STOCK NO	PER FOOT
4"x10' Solid	4X10D3034SW	2.96
4"x10' Perforated	4X10D3034PE	2.96

D-3034 Gasketed Joint

SDR-35

SIZE	STOCK NO	PER FOOT
6"x14'	6X14D3034GA	7.99
8"x14'	8X14D3034GA	14.50
10"x14'	10X14D3034GA	22.57

cresline.com

(18)

Chamfer/Beveling Tools for Plastic Pipe

STOCK NO — EACH



Pipe Capacity Nom.
½", ¾", 1" O.D.
Application
PVC, CPVC, PE, ABS
Pipe/Tubing
IPS
DEB1IPS 76.98



Pipe Capacity Nom.
½", ¾", 1" O.D.
Application
PE, PP
Pipe/Tubing
CTS
DEB1CTS 76.98



Pipe Capacity Nom.
1¼", 1½", 2" O.D.
Application
PVC, CPVC, PE, ABS
Pipe/Tubing
IPS
DEB12IPS 94.22



Pipe Capacity Nom.
20, 25, 32 mm O.D.
Application
PVC, CPVC, PE, ABS, PP
Pipe/Tubing
Metric
DEB1M 76.23



Pipe Capacity Nom.
1¼", 1½", 2", 2½", 3", 4" nom.
42, 50, 63, 75, 90, 114 mm O.D. actual
3/32" 15° chamfer
Application
PVC, CPVC, ABS, PP
DEB4 . . . . . 84.38

Solvent Weld Fittings

¼ Bend, HubxHub



SIZE	STOCK NO	EACH
4"	4PVSEL	11.56
6"	6PVSEL	30.78
8"	8PVSEL	127.69

Street Elbow ¼ Bend



SIZE	STOCK NO	EACH
4"	4PVSESL	13.53

⅛ Bend, Hub x Hub



SIZE	STOCK NO	EACH
4"	4PVSE45L	8.41
6"	6PVSE45L	33.20
8"	8PVSE45L	90.43

Street Elbow ⅛ Bend



SIZE	STOCK NO	EACH
4"	4PVSES45L	11.40
6"	6PVSES45L	42.38

1/16 Bend



SIZE	STOCK NO	EACH
4"	4PVSE22L	9.24
6"	6PVSE22L	40.46

Sanitary Tee



SIZE	STOCK NO	EACH
4"	4PVSEST	17.79

Tee

Hub all ways



SIZE	STOCK NO	EACH
4"	4PVSET	11.07
6"	6PVSET	46.10
8"	8PVSET	188.24

45° Wye

Hub all ways



SIZE	STOCK NO	EACH
4"	4PVSEY	15.36
6"	6PVSEY	65.17
6x4	6X4PVSEY	56.81
8x4	8X4PVSEY	122.46

Saddle Wye



SIZE	STOCK NO	EACH
6"x4"	6X4PVSESAY	74.76
8"x4"	8X4PVSESAY	102.35
10"x4"	10X4PVSESAY	120.10
10"x6"	10X6PVSESAY	135.45
12"x4"	12X4PVSESAY	123.98
12"x6"	12X6PVSESAY	165.93

Coupling, Hub x Hub



SIZE	STOCK NO	EACH
4"	4PVSEC	5.58
6"	6PVSEC	20.38
8"	8PVSEC	63.35
Reducing Coupling		
6"x4"	6X4PVSER	27.08

Female Adapter



SIZE	STOCK NO	EACH
4"	4PVSEFA	11.07

Cleanout Adapter



SIZE	STOCK NO	EACH
4"	4PVSECOA	8.68
6"	6PVSECOA	54.20

Cap



SIZE	STOCK NO	EACH
4"	4PVSECAP	4.87
6"	6PVSECAP	17.84
8"	8PVSECAP	58.40

Cleanout Plug



SIZE	STOCK NO	EACH
4"	4PVSECOP	6.71



See Page 1231 for applicable cements and cleaners

RAUPEX® UV Shield Pipe (00d)

RAUPEX® UV Shield Pipe

RAUPEX® UV Shield pipe is made of high-quality cross-linked polyethylene, manufactured using the high-pressure peroxide method (Engel method, PEXa). RAUPEX® UV Shield pipe has a co-extruded PE shield that protects the pipe against ultraviolet light (sunlight) for up to one year. All RAUPEX ®UV Shield pipe meets the requirements of standards ASTM F 876, F 877, PPI TR-4 (Standard Grade) and is certified to NSF Standards 14 and 61 and CSA B 137.5. RAUPEX® UV Shield pipe is produced in REHAU's ISO 9001 certified manufacturing facility.

RAUPEX® UV Shield is rated for continuous operation of 160 psi @ 73.4° (1105 kPa @ 23°C), 100 psi @ 180°F (690 kPa @ 82.2°C) and 80 psi @ 200°F (550 kPa @ 93.3°C). It is compatible with all Everloc+™ fittings as well as crimp ring fittings certified to ASTM F 1807, and with compression-sleeve fittings certified to ASTM F 2080.



RAUPEX® UV Shield Pipe

SIZE	STOCK NO	EACH
Blue Pipe		
½" x 20'	235351021	8.69
½" x 300'	235351301	130.41
¾" x 20'	235371021	15.13
¾" x 300'	235371301	226.83
1" x 20'	235381021	30.69
1" x 100'	235381101	153.46
Red Pipe		
½" x 20'	235351022	8.69
½" x 300'	235351302	130.41
½" x 500'	235351502	211.43
¾" x 20'	235371022	15.13
¾" x 100'	235371102	75.61
¾" x 300'	235371302	226.83
1" x 20'	235381022	30.69
White Pipe		
½" x 20'	235351023	8.69
½" x 100'	235351113	43.46
½" x 300'	235351313	130.41
¾" x 20'	235371023	15.13
¾" x 100'	235371113	75.61
¾" x 300'	235371313	226.83
1" x 20'	235381023	30.69
1" x 100'	235381113	153.46
1" x 300'	235381313	460.39
1 ¼" x 20'	132571023	70.93
1 ½" x 20'	132581023	99.42
2" x 20'	132591023	170.51



Everloc+™ Sleeve

PEXa Compression Sleeves

SIZE	STOCK NO	EACH
⅜"	104815001	.23
½"	104816001	.27
⅝"	104817001	.41
¾"	104818001	.52
1"	104819001	1.11
1¼"	104820001	1.22
1½"	104821001	1.62
2"	104822001	3.24



Everloc+™ Couplings

SIZE	MATERIAL	STOCK NO	EACH
Straight • PEXa Sleeves (Sold Separately)			
⅜" x ⅜"	LF Brass	317138001	2.54
½" x ½"	Polymer	104824001	1.63
⅝" x ⅝"	LF Brass	317142001	8.66
¾" x ¾"	Polymer	104825001	2.02
1" x 1"	Polymer	104826001	3.00
1¼" x 1¼"	Polymer	104827001	7.87
1½" x 1½"	Polymer	104828001	8.82
2" x 2"	Polymer	104829001	36.59
Reducing • PEXa Sleeves (Sold Separately)			
¾" x ½"	Polymer	104830001	3.56
1" x ¾"	Polymer	104831001	4.62
1¼" x 1"	Polymer	104832001	6.97
1½" x 1"	Polymer	104833001	8.58
1½" x 1¼"	LF Brass	422233001	106.18
2" x 1"	LF Brass	317139001	87.76
2" x 1¼"	LF Brass	317140001	108.72
2" x 1½"	LF Brass	317141001	123.17



Everloc+™ Elbows

PEXa Sleeves (Sold Separately)

SIZE	MATERIAL	STOCK NO	EACH
½" x ½"	Polymer	104859001	2.00
⅝" x ⅝"	LF Brass	317163001	8.02
¾" x ¾"	Polymer	104860001	2.63
1" x 1"	Polymer	104861001	5.50
1¼" x 1¼"	Polymer	104862001	11.85
1½" x 1½"	Polymer	104863001	15.73
2" x 2"	Polymer	104864001	51.58



Everloc+™ Plugs

PEXa Sleeves (Sold Separately)

SIZE	MATERIAL	STOCK NO	EACH
½"	Polymer	104856001	1.32
⅝"	LF Brass	317157001	12.89
¾"	Polymer	104857001	2.08
1"	Polymer	104858001	2.77
1¼"	LF Brass	317158001	11.87
1½"	LF Brass	317159001	20.90
2"	LF Brass	317160001	32.79



Everloc+™ Polymer Tees

SIZE	STOCK NO	EACH
Straight • PEXa Sleeves (Sold Separately)		
½" x ½" x ½"	104835001	2.03
¾" x ¾" x ¾"	104836001	3.41
1" x 1" x 1"	104837001	6.19
1¼" x 1¼" x 1¼"	104838001	14.13
1½" x 1½" x 1½"	104839001	19.74
2" x 2" x 2"	104840001	63.55
Run Reducing • PEXa Sleeves (Sold Separately)		
¾" x ½" x ¾"	104841001	3.41
1" x ¾" x 1"	104842001	7.46
Branch Reducing • PEXa Sleeves (Sold Separately)		
¾" x ¾" x ½"	104844001	2.77
1" x 1" x ½"	104846001	5.68
1" x 1" x ¾"	104845001	6.25
1¼" x 1¼" x 1"	104847001	12.93
1½" x 1½" x 1"	104848001	17.34
2" x 2" x 1"	104849001	52.44
Branch/Run Reducing • Sleeves (Sold Separately)		
¾" x ½" x ½"	104851001	3.29
1" x ¾" x ¾"	104852001	6.04
1¼" x 1" x 1"	104853001	12.52
Bullhead • PEXa Sleeves (Sold Separately)		
½" x ½" x ¾"	104854001	6.74
¾" x ¾" x 1"	104855001	10.06



Everloc+™ Lead Free Brass Tees

SIZE	STOCK NO	EACH
Run Reducing • PEXa Sleeves (Sold Separately)		
1¼" x 1" x 1¼"	317143001	62.29
1½" x 1" x 1½"	317144001	82.11
1½" x 1¼" x 1½"	317145001	85.54
2" x 1¼" x 2"	317146001	191.23
2" x 1½" x 2"	317147001	193.12
Branch Reducing • PEXa Sleeves (Sold Separately)		
1½" x 1½" x 1¼"	317149001	90.67
2" x 2" x 1¼"	317150001	193.24
2" x 2" x 1½"	317151001	198.79
Branch/Run Reducing • Sleeves (Sold Separately)		
1½" x 1" x 1"	317152001	75.08
1½" x 1¼" x 1"	317153001	82.70
1½" x 1¼" x 1¼"	317154001	84.23
2" x 1½" x 1"	317156001	190.47
2" x 1½" x 1¼"	317161001	194.19
2" x 1½" x 1½"	317155001	192.00



Everloc+™ Manifolds

SIZE	STOCK NO	EACH
Closed-end • PEXa Sleeves (Sold Separately)		
¾" inlet x (4) ½" Outlets	104868001	13.35
Flow-through • PEXa Sleeves (Sold Separately)		
¾" x ¾" in x (3) ½" Outs.	104870001	10.72
¾" x ¾" in x (4) ½" Outs.	104871001	13.35
Elbow Flow-through • Sleeves (Sold Separately)		
¾" x ¾" in x (3) ½" Outs.	104872001	29.66
¾" x ¾" in x (4) ½" Outs.	104873001	29.30

REHAU Everloc+ Fittings and Tools (18dr)

rehau.com

Everloc+™ Adapters PEXa to MPT



Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
3/8" x 1/2" MPT	317174001	9.19
1/2" x 1/2" MPT	317171001	4.53
5/8" x 1/2" MPT	317175001	7.41
3/4" x 3/4" MPT	317172001	8.17
3/4" x 1" MPT	317177001	17.65
1" x 1" MPT	317178001	16.84
1 1/4" x 1 1/4" MPT	317179001	39.12
1 1/2" x 1 1/2" MPT	317180001	52.13
2" x 2" MPT	317181001	144.37

Everloc+™ Adapters PEXa to FPT



Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
1/2" x 1/2" FPT	317173001	9.35
3/4" x 3/4" FPT	317182001	10.49
1" x 1" FPT	317183001	22.77

Everloc+™ Adapters PEXa to Copper



Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
1/2" x 1/2" C Female	317184001	3.12
1/2" x 1/2" C Male or 3/8" C Fem.	317185001	3.16
3/4" x 3/4" C Male	317186001	6.69
3/4" x 3/4" C Female	317187001	7.10
3/4" x 1" C Female	317189001	14.19
1" x 1" C Male	317190001	12.83
1" x 1" C Female	317191001	11.75
1 1/4" x 1 1/4" C Male	317192001	28.38
1 1/4" x 1 1/4" C Female	317193001	32.02
1 1/2" x 1 1/2" C Male	317194001	46.58
1 1/2" x 1 1/2" C Female	317195001	49.05
2" x 2" C Male	317196001	130.18
2" x 2" C Female	317197001	130.18

(18)

Everloc+™ Closed-End Stub Out Ell



SIZE	STOCK NO	EACH
1/2" x 8"	418665001	15.20

REHAU

Everloc+™ Elbows PEXa to Copper



Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
1/2" x 1/2" C Male or 3/8" C Fem.	317164001	10.65
1/2" x 1/2" C Female	317165001	12.27
3/4" x 3/4" C Male	317166001	26.87
3/4" x 3/4" C Female	317167001	26.87

Everloc+™ Elbows PEXa to FPT/MPT



Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
1/2" x 1/2" (Drop Ear) MPT	317168001	12.27
1/2" x 1/2" (Drop Ear) FPT	317170001	12.28
3/4" x 3/4" MPT	317169001	26.87



Everloc+™ Ball Valves

SIZE	STOCK NO	EACH
Straight Ball Valves • Sleeves (Sold Separately)		
1/2" Everloc+ x 1/2" C Female	418433001	21.88
1/2" x 1/2" Everloc+	418435001	25.69
1/2" x 3/8" Everloc+	418437001	17.44
3/4" x 3/4" Everloc+	418434001	39.44
Angle Ball Valves • Sleeves (Sold Separately)		
Includes 3/8" compression nut and ferrule		
1/2" Everloc+ x 3/8" Comp	418438001	17.17

(00d)

Manifold Header Stock



24 Outlets

DESCRIPTION	STOCK NO	EACH
1" x 1/2" Copper	250810	210.26
1" x 3/4" Copper	250817	494.39

(00d)

Steel Support Bends

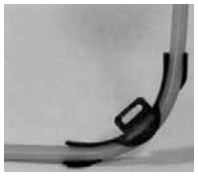


Create 90° bends without fitting an elbow; Snap support bend over Raupex pipe.

SIZE	STOCK NO	EACH
3/8, 1/2"	258408	3.28
3/4"	257249	6.10

(00d)

Polymer Support Bends



Create 90° bends without fitting an elbow; snap support bend over Raupex pipe; with eye for mounting to a support or stud.

SIZE	STOCK NO	EACH
3/8, 1/2"	266207	4.04
3/4"	266227	5.46

Everloc+ Tools

Everloc+™ Tool Kits



Includes:
- Power tool base unit
- Expander adapter
- (3) Expander heads
- (3) Compression jaws
- (2) 12V Li-ion batteries
- 12V/20V Li-ion battery charger
- Raucutter
- Grease and cleaning brush
- Operating instructions and Tool Case

INCLUDED SIZES	STOCK NO	EACH
1/2", 3/4" & 1"	105107003	907.50
1 1/4", 1 1/2" & 2"	105733002	5450.81

Everloc+™ Power Tool



Includes:
- Quick-change Color Coded Expander Heads
- Multi-position Color Coded Compression Jaws
- 360° Rotation of Tool Housing
- Removeable Expander Adapter
- LED Light
- 12v Battery

INCLUDED SIZES	STOCK NO	EACH
1/2", 3/4", 1"	105107001RENTAL	Call for Pricing
1 1/4", 1 1/2", 2"	105733002RENTAL	Call for Pricing

Everloc+™ Expander Heads



Additional sizes for 105107003 Tool Kit

SIZE	STOCK NO	EACH
3/8"	105073001	116.30
5/8"	105075001	116.30

Everloc+™ Compression Jaws



Additional sizes for 105107003 Tool Kit

SIZE	STOCK NO	EACH
3/8"	105083001	277.42
5/8"	105087001	274.75

REHAU F1960 Cold-Expansion Fittings (18dr)

rehau.com

F1960 Cold-Expansion Fittings

REHAU F1960 cold expansion fittings and rings are for use with REHAU UV shield PEXa pipes only.

The maximum temperature and pressure ratings of the REHAU F1960 fitting system is in accordance with ASTM F877 and CSA B137.5 for SDR9 PEX, see REHAU pipe product submittals for ratings. All REHAU F1960 fittings and rings comply with the lead-free (LF) requirements of the U.S. Safe Drinking Water Act.



F1960 PEX Rings

SIZE	STOCK NO	EACH
½"	499702001	.28
⅝"	499703001	.43
¾"	499704001	.55
1"	499705001	1.17
1¼"	499706001	1.28
1½"	499707001	1.70
2"	499708001	3.40



F1960 Polymer Couplings

SIZE	STOCK NO	EACH
½"	499709001	1.70
¾"	499710001	2.07
1"	499711001	3.07
1¼"	499712001	8.16
1½"	499714001	9.36
2"	499715001	37.97
Reducer Polymer Couplings		
¾" x ½"	499717001	3.65
1" x ½"	490319001	4.36
1" x ¾"	499718001	4.74
1¼" x ¾"	499721001	6.92
1¼" x 1"	499719001	7.24
1½" x 1¼"	499723001	9.00
2" x 1½"	499724001	29.71



F1960 Polymer Plugs

SIZE	STOCK NO	EACH
½"	499769001	1.35
¾"	499771001	2.14
1"	499772001	2.84
1¼"	499773001	13.80
1½"	499774001	21.45
2"	499775001	24.21



(40)

ProPEX® F1960 Expansion Tool Kits

Features a auto-rotating head for convenient one-handed operation with a compact right angle design for installing tubing in tight locations.

Includes:

- M18™ or M12™ ProPEX Expansion Tool
- ProPEX Expander Cone Grease
- XC High Cap. REDLITHIUM™ Battery
- Multi-Voltage Charger Included
- 3 ProPEX® Expansion Heads
- Durable Carrying Case

MODEL - HEAD SIZES	STOCK NO	EACH
M12 - ½, ¾, & 1"	MIPROPEX	694.42
M18 - 1, 1¼, & 1½"	MILAPROPEX	1258.11
M18 - 1¼, 1½, & 2"	MIPROPEXC	2086.46



F1960 Polymer Tees

SIZE	STOCK NO	EACH
½" x ½" x ½"	499728001	2.13
¾" x ¾" x ¾"	499729001	3.50
1" x 1" x 1"	499730001	6.35
1¼" x 1¼" x 1¼"	499731001	14.66
1½" x 1½" x 1½"	499732001	20.49
2" x 2" x 2"	499733001	65.96
Run Reducing Polymer Tees		
¾" x ½" x ¾"	499734001	3.50
1" x ¾" x 1"	499735001	7.65
Branch Reducing Polymer Tees		
¾" x ¾" x ½"	499739001	2.84
1" x 1" x ½"	499741001	5.82
1" x 1" x ¾"	499740001	6.41
1¼" x 1¼" x ½"	499744001	10.31
1¼" x 1¼" x ¾"	499743001	13.13
1¼" x 1¼" x 1"	499742001	13.42
1½" x 1½" x ¾"	499753001	17.48
1½" x 1½" x 1"	499746001	17.99
1½" x 1½" x 1¼"	499747001	18.51
2" x 2" x 1"	499752001	54.43
2" x 2" x 1¼"	499748001	57.49
2" x 2" x 1½"	499749001	63.91
Branch/Run Reducing Polymer Tees		
¾" x ½" x ½"	499754001	3.38
1" x ¾" x ¾"	499755001	6.19
Bullhead Polymer Tees		
½" x ½" x ¾"	499767001	6.91
¾" x ¾" x 1"	499768001	10.31



F1960 Polymer Multi-port Tees

SIZE	STOCK NO	EACH
Closed-End		
¾" inlet x (3) ½" Outlets	499826001	9.55
¾" inlet x (4) ½" Outlets	499827001	13.84
¾" inlet x (6) ½" Outlets	499828001	16.22
Flow-Through		
¾" inlets x (2) ½" Outlets	499831001	8.24
¾" inlets x (3) ½" Outlets	499832001	11.12
¾" inlets x (4) ½" Outlets	499833001	13.84

(12)

Jomar T-422G Valve



- Blow-out proof stem
- 100% leak tested
- Gland follower and single o-ring stem design
- Wetted surfaces less than .25% lead content

2 Piece • Standard Port • 400 WOG
Stainless Steel Ball and Stem

SIZE	STOCK NO	EACH
½"	12T422G	10.88
¾"	34T422G	17.40
1"	1T422G	27.42
1¼"	114T422G	40.84
1½"	112T422G	61.63
2"	2T422G	121.27

F1960 Connections for PRO-BALANCE Manifolds

NEW ITEM



SIZE	STOCK NO	EACH
PEX to R-20 Nickel Plated Manifold Outlet		
½"	499662001	27.52
⅝"	499663001	32.77
¾"	499664001	51.53



F1960 Elbows

SIZE	STOCK NO	EACH
Polymer PEX to PEX		
½" x ½"	499776001	2.10
¾" x ½"	490318001	2.39
¾" x ¾"	499777001	2.70
1" x 1"	499778001	5.64
1¼" x 1¼"	499779001	12.29
1½" x 1½"	499780001	16.33
2" x 2"	499781001	53.53
LF Brass PEX to Copper Elbows		
¾" x ¾" C Male	499784001	28.18
¾" x ¾" C Female	499785001	28.18
LF Brass PEX to FTP Drop Ear Elbows		
½" x ½"	499789001	12.88
¾" x ¾"	499787001	28.29



F1960 Brass Adapters

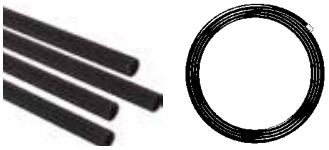
SIZE	STOCK NO	EACH
PEX to Copper Male		
½" x ½"	499795001	3.18
½" x ¾"	499790001	6.64
¾" x ½"	499792001	13.61
¾" x ¾"	499796001	7.02
¾" x 1"	499791001	14.70
1" x 1"	499799001	13.46
1¼" x 1¼"	499801001	29.78
1½" x 1½"	499803001	48.87
2" x 2"	499805001	136.58
PEX to Copper Female		
½" x ½"	499794001	3.27
½" x ¾"	499793001	6.72
¾" x ¾"	499797001	7.44
¾" x 1"	499798001	14.89
1" x 1"	499800001	12.33
1¼" x 1¼"	499802001	33.60
1½" x 1½"	499804001	51.46
2" x 2"	499806001	136.58
PEX to MPT		
½" x ½"	499807001	4.76
½" x ¾"	499810001	12.45
¾" x ¾"	499808001	8.58
¾" x 1"	499814001	18.51
1" x ¾"	499809001	18.60
1" x 1"	499815001	17.67
1¼" x 1¼"	499816001	41.04
1½" x 1½"	499817001	54.70
2" x 2"	499818001	151.47
PEX to FPT		
½" x ½"	499821001	9.81
½" x ¾"	499819001	16.38
¾" x ¾"	499822001	11.00
¾" x 1"	499820001	34.89
1" x 1"	499823001	23.89
1¼" x 1¼"	499863001	43.63
1½" x 1½"	499864001	94.51
2" x 2"	499866001	193.55
Press to PEX		
½" x ½"	450863P	7.27
¾" x ¾"	450864P	10.91
1" x 1"	450865P	17.77



(18)

Press Copper Stub Outs

PRESS SIZE X LENGTH TO CRUVE X LENGTH OUT	STOCK NO	EACH
½" F1960 x 4" x 8"	SC630WG248	9.57
½" F1960 x 4" x 12"	SC630WG2412	14.73
Striaght Press x Copper Sweat • LESS wall plate		
½ F1960 x 8" SWT	SC638WG208	9.90
½ F1960 x 15" SWT	SC638WG215	18.58



ViegaPEX Ultra Tubing

ViegaPEX tubing is manufactured to ASTM F876 & F877 standards and meets certifications of NSF 14 & 61. The flexibility of the tubing reduces installation time and fitting quantities.

SIZE X LENGTH	STOCK NO	EACH
¾"x100'	ST34X100PEXCEL	73.64
1"x100'	ST1X100PEXCEL	126.31
1¼"x20'	ST114X20PEXCEL	43.77
1¼"x100'	ST114X100PEXCEL	202.56
1½"x100'	ST112X100PEXCEL	270.40
2"x20'	ST2X20PEXCEL	150.20
PureFlow PEX tubing (White)		
½"x20'	ST12X20WPEX	6.22
½"x100'	ST12X100WPEX	31.11
½"x300'	ST12X300WPEX	93.34
¾"x20'	ST34X20WPEX	11.56
¾"x300'	ST34X300WPEX	173.34
1"x20'	ST1X20WPEX	23.70
1½"x20'	ST112X20WPEX	63.71
2"x100'	ST2X100WPEX	576.00



Red/Blue ViegaPEX Ultra Tubing

ViegaPEX tubing is manufactured to ASTM F876 & F877 standards and meets certifications of NSF 14 & 61. The flexibility of the tubing reduces installation time and fitting quantities.

SIZE X LENGTH	COLOR	STOCK NO	EACH
1/2" Pexcel			
½"x20'	Red	ST12X20RPEX	6.22
½"x20'	Blue	ST12X20BPEX	6.22
½"x100'	Red	ST12X100RPEX	31.11
½"x100'	Blue	ST12X100BPEX	31.11
½"x300'	Red	ST12X300RPEX	93.34
½"x300'	Blue	ST12X300BPEX	93.34
3/4" Pexcel			
¾"x20'	Red	ST34X20RPEX	11.56
¾"x20'	Blue	ST34X20BPEX	11.56
¾"x100'	Red	ST34X100RPEX	57.78
¾"x100'	Blue	ST34X100BPEX	57.78
¾"x300'	Red	ST34X300RPEX	173.34
¾"x300'	Blue	ST34X300BPEX	173.34
1" Pexcel			
1"x20'	Red	ST1X20RPEX	23.70
1"x20'	Blue	ST1X20BPEX	23.70

(00d)



White Viega Ice Maker Tubing

¼" I.D. x 100' White Tube.

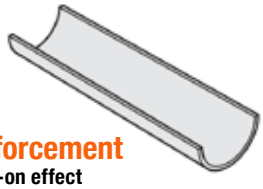
STOCK NO	EACH
PX1C1	44.45

See Page 723 for ViegaPex Barrier Pipe



Plastic Press Manifolds

OUTLETS	STOCK NO	EACH
Closed		
6	PL1X12X6COUMA	30.24
Flow Through		
6	PL1X12X6OUMA	31.85
8	PL1X12X8OUMA	39.80



(18)

PEX Pipe Reinforcement

Self-gripping – Snap-on effect

Keeps plastic pipe straight.
Reinforcement fits inside insulation.

SIZE (CTS X LENGTH)	STOCK NO	EACH
½"x9'	PSU050	12.35
¾"x9'	PSU075	13.80
1"x9'	PSU100	14.33
1¼"x9'	PSU125	18.40
1½"x9'	PSU150	20.28
2"x9'	PSU200	23.55



(40)

ProPEX Tubing Cutter

48-22-4200

Features a replaceable V-shaped, double ground steel blade. Cuts up to 1" rubber & plastic tubing and PEX-a tubing.

STOCK NO	EACH
MIPEXTUCU	35.57
Replacement BLADE 48-22-4201	
MIPEXTUCUBL	9.25



RIIFO PEX-b Tubing White Sticks

RIIFO PEX-b tubing is made of cross-linked polyethylene, utilizing the production method of silane cross-linking that provides superior chemical and mechanical performance. Meets the standard of CSA B137.5, ASTM E84, ASTM 876 and ASTM 877.

SIZE X LENGTH	STOCK NO	EACH
½" x 20'	RI12X20WPEX	6.62
¾" x 20'	RI34X20WPEX	12.01
1" x 20'	RI1X20WPEX	19.61
1¼" x 20'	RI114X20WPEX	48.97
1½" x 20'	RI112X20WPEX	69.32
2" x 20'	RI2X20WPEX	122.86



Press Poly Adapter

Poly x PEX with sleeve

Does not include ring for polybutylene connection

SIZE	STOCK NO	EACH
½"	ST12PRPBADWS	6.63
¾"	ST34PRPBADWS	10.76



Press Couplings

PEX x PEX with sleeve

SIZE	STOCK NO	EACH
5/16"	ST516PRCOWS	5.39
½"	ST12PRCOWS	3.64
¾"	ST34PRCOWS	5.65
½" x ¾"	ST12X34PRCOWS	6.73
¾" x 1"	ST34X1PRCOWS	8.52
1"	ST1PRCOWS	11.88
1" x 1¼"	ST1X114PRCOWS	17.38
1" x 1½"	ST1X112PRCOWS	22.42
1¼"	ST114PRCOWS	21.43
1½"	ST112PRCOWS	27.93



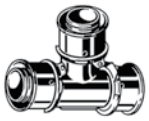
Press Sleeves

SIZE	STOCK NO	EACH
½"	ST12PRSL	.38
¾"	ST34PRSL	.65
1"	ST1PRSL	.96



Compression Insert

SIZE	STOCK NO	EACH
1/2"	ST12COIN	.79



Press Tees

with sleeve

SIZE	STOCK NO	EACH
½"	ST12PRTWS	7.12
¾"	ST34PRTWS	10.49
1"	ST1PRTWS	21.43

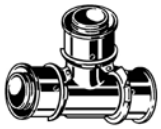


PEX Press Tailpeice

PEX x Female BSP Tailpeice

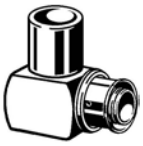
SIZE	STOCK NO	EACH
¾" x 1"	ST34X1PRTPWS	14.74
1" x 1¼"	ST1X114PRTPWS	17.97

Press Reducing Tees
with sleeve



SIZE	STOCK NO	EACH
½ x ¾"	ST12X34PRTWS	11.10
¾ x ½"	ST34X12PRTWS	10.33
1 x ¾"	ST1X34PRTWS	21.29
¾ x ½ x ½"	ST34X12X12PRTWS	11.21
¾ x ½ x ¾"	ST34X12X34PRTWS	10.79
1 x ½ x ½"	ST1X12X12PRTWS	29.55
1 x ½ x 1"	ST1X12X1PRTWS	36.62
1 x 1 x ½"	ST1X1X12PRTWS	21.47
1 x ¾ x ¾"	ST1X34X34PRTWS	20.77
1 x ¾ x 1"	ST1X34X1PRTWS	23.27
1¼ x ¾"	ST114X34PRTWS	48.89

Press Elbow



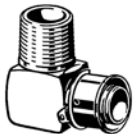
SIZE	STOCK NO	EACH
Copper Sweat x Press Elbow with sleeve		
½"	ST12PRCOELWS	19.61
¾"	ST34PRCOELWS	17.09
Copper Fitting x Press Elbow with sleeve		
½"	ST12PRCOFIELWS	15.65
¾"	ST34PRCOFIELWS	28.30

Press Elbows
with sleeve



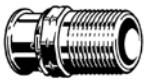
SIZE	STOCK NO	EACH
½"	ST12PRELWS	5.44
¾"	ST34PRELWS	8.21
1"	ST1PRELWS	19.77
1¼"	ST114PRELWS	29.12
1½"	ST112PRELWS	39.81

Press x Male NPT Elbows
with sleeve



SIZE	STOCK NO	EACH
½x½"	ST12PRMALWS	10.56
½x¾"	ST12X34PRMALWS	19.99
¾x¾"	ST34PRMALWS	11.54
¾x1"	ST34X1PRMALWS	33.82
1x1"	ST1PRMALWS	33.34

Male NPT Adapters
Press x Male NPT with sleeve



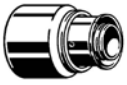
SIZE	STOCK NO	EACH
½x½"	ST12PRMAADWS	3.71
½x¾"	ST12X34PRMAADWS	8.00
¾x¾"	ST34PRMAADWS	5.20
¾x½"	ST34X12PRMAADWS	5.97
¾x1"	ST34X1PRMAADWS	11.68
1x¾"	ST1X34PRMAADWS	12.40
1x1"	ST1PRMAADWS	8.93
1¼"	ST114PRMAADWS	31.01
1½"	ST112PRMAADWS	38.00
2x2"	ST2PRMAADWS	108.15

Female NPT Adapters
Press x Female NPT with sleeve



SIZE	STOCK NO	EACH
½x½"	ST12PRFEADWS	5.54
½x¾"	ST12X34PRFEADWS	10.86
¾x¾"	ST34X34PRFEADWS	7.67
¾x½"	ST34X12PRFEADWS	14.82
1x¾"	ST1X34PRFEADWS	14.37
1x1"	ST1PRFEADWS	13.42

Tubing Adapters
Press x Copper Sweat with sleeve



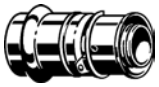
SIZE	STOCK NO	EACH
½x½"	ST12COADWS	2.88
½x¾"	ST12X34COADWS	6.86
¾x½"	ST34X12COADWS	10.01
¾x¾"	ST34COADWS	4.46
¾x1"	ST34X1COADWS	21.13
1x1"	ST1COADWS	9.77
1¼"x1¼"	ST114COADWS	20.70
1½"x1½"	ST112COADWS	32.45
2x2"	ST2COADWS	99.17

Fitting Adapters
Press x Copper Fitting with sleeve



SIZE	STOCK NO	EACH
½x½"	ST12COFIADWS	3.53
½x¾"	ST12X34COFIADWS	6.14
¾x½"	ST34X12COFIADWS	6.30
¾x¾"	ST34COFIADWS	5.13
¾x1"	ST34X1COFIADWS	8.24
1x1"	ST1COFIADWS	9.67

Press Adapters
PEX Sleeve x Copper Press



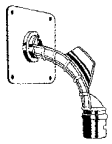
SIZE (PRESS X PEX)	STOCK NO	EACH
½"	ST12PPPAWS	4.15
¾"	ST34PPPAWS	7.31
1"	ST1PPPAWS	12.18
¾x½"	ST34X12PPPAWS	12.24
½x¾"	ST12X34PPPAWS	8.07
1x¾"	ST1X34PPPAWS	10.54
1¼"	ST114PPPAWS	18.90
1½"	ST112PPPAWS	25.47
2"	ST2PPPAWS	52.46

Press Drop Ear Elbows
PEX x FNPT



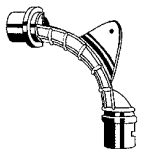
SIZE	STOCK NO	EACH
½x½"	ST12PRDREALWS	10.69
¾x¾"	ST34PRDREALWS	16.51

Drop Ear Bend Support



SIZE	STOCK NO	EACH
½"	ST12DOEABESU	1.87

Plastic Bend Supports



SIZE	STOCK NO	EACH
½"	ST12PLBESU	1.99
⅝ & ¾"	ST5834PLBESU	2.64
1"	ST1PLBESU	5.67

Plastic Bend Supports for Slab



SIZE	STOCK NO	EACH
½"	ST12PLBESUSL	4.10
⅝ & ¾"	ST5834PLBESUSL	4.74

Chrome Sleeve
52 520



SIZE	STOCK NO	EACH
½" x 3½"	ST12SL	2.98



Press Copper Tub Ell

With Sleeve

SIZE	STOCK NO	EACH
½"	ST12PRCOTULWS	10.21

Press Copper Stub Out

WITH SLEEVE

SIZE	STOCK NO	EACH
¾"	ST34PRCOSTOUWS	21.65



Press 1/4 Turn Stop Valves

STOCK NO	EACH
No. 2842.4ZL Angle	
ST12X38PRANQSTVAWS	12.09
No. 2842.3ZL Straight	
ST12X38PRSTQSTVAWS	12.17



Press Ball Valves

PEX to PEX With Sleeves

SIZE	STOCK NO	EACH
½"	ST12PRBAVAWS	16.04
¾"	ST34PRBAVAWS	21.35

Sioux Chief (18)

siouxchief.com



Stub Out Brackets

14 Gauge Flat Galvanized Stud Bracket

SIZE	STOCK NO	EACH
2" x 20"	SC521318	3.93



Strong Arm

Twisted bracket with PEX Bend Block

LOCK BLOCKS	STOCK NO	EACH
For use with 16" stud bays		
1	SC525161PB	6.07
2	SC525162PB	7.27
For use with 24" stud bays		
1	SC525241PB	6.79
2	SC525242PB	7.95



PEX Elbow

SIZE	STOCK NO	EACH
½"	SC525P2	1.32



Copper Stub Out

SIZE X LENGTH TO CRUVE X LENGTH OUT	STOCK NO	EACH
½" SWT x 5" x 7"	SC61357PK	6.55



Press Copper Stub Out

PRESS SIZE X LENGTH TO CRUVE X LENGTH OUT	STOCK NO	EACH
½" F2080 x 4" x 8"	SC630VG248	11.66



Press x Copper Straight Stub Outs

PEX x Copper Sweat • With wall plate

SIZE	STOCK NO	EACH
½ F3347 x 8" SWT	SC638VG208E4	13.30
½ F3347 x 18" SWT	SC638VG218E4	17.80



PowerPEX Female Sweat Copper Adapters

PEX x FSWT • ASTM F1807

SIZE	STOCK NO	EACH
1" x 1"	SC644X4	3.91



Full Port PEX Press Ball Valves

PEX to PEX with Sleeves for Viega

SIZE	STOCK NO	EACH
½"	SC648VG2FP	40.58
¾"	SC648VG3FP	62.09
1"	SC648VG4FP	103.25



PowerPEX Brass Ball Valves

PEX to PEX • ASTM F1807

SIZE	STOCK NO	EACH
½"	SC648XG2	10.03
¾"	SC648XG3	15.15
1"	SC648XG4	26.75



F3347 PEX Press Adapter

CPVC x PEX Press

SIZE	STOCK NO	EACH
½"	SC645VGC2	10.17
¾"	SC645VGC3	18.70
1"	SC645VGC4	30.79



PowerPEX Brass Tee

PEX x PEX x PEX Press • ASTM F1807

SIZE	STOCK NO	EACH
½" x ½" x ½"	SC641XG222	2.03



PowerPEX Brass Straight Male Adapters

PEX x MIP • ASTM F1807

SIZE	STOCK NO	EACH
½" x ½"	SC646XG2	2.23
¾" x 1"	SC646XG43	5.47



PowerPEX Brass Straight Female Adapters

PEX x FIP • ASTM F1807

SIZE	STOCK NO	EACH
¾" x ¾"	SC647XG3	3.71

Milwaukee Tool (40)
milwaukeetool.com

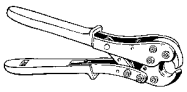


M18™ Short Throw Press Tool Kit with Viega PureFlow™ Jaws
Designed for one handed use the M18™ Short Throw Press Tool is the fastest press, pressing 40% faster than the competition providing the fastest, effortless installs from branch to fixture.

Includes:
- (2) M18™ REDLITHIUM™ 2.0 Compact Batteries
- M18™ & M12™ Multi-Voltage Charger.
- M18™ 1/2", 3/4" & 1" Viega PureFlow™ Jaws.
- Durable Carrying Case

For PEX Jaws ONLY!

SIZE	STOCK NO	EACH
1/2, 3/4, & 1"	MIPRESSPEXTO	926.87



Press Tool
With it's ratcheting design, the Press tool ensures a perfect connection every time. Tool cannot be opened until the fitting has been properly pressed.

SIZE	STOCK NO	EACH
1/2"	ST12PRTO	240.48
3/4"	ST34PRTO	237.39
1"	ST1PRTO	355.66



Viega Pex Press Starter Tool Kit
Includes:
- Tube Cutter for 1" Max.
- 1/2" Yellow Handle PEX Press.
- 3/4" Blue Handle PEX Press.
- Durable Carrying Case.

STOCK NO	EACH
STSTTOSE	505.04



Compact Viega PEX Jaws

SIZE	STOCK NO	EACH
1/2"	ST12COJA	188.84
3/4"	ST34COJA	188.84
1"	ST1COJA	188.84
1 1/4"	ST114COJA	237.85
1 1/2"	ST112COJA	299.98

Viega PEX Jaws
For ProPress 320-E/330 • For PEX Pipe ONLY!

SIZE	STOCK NO	EACH
1/2"	ST12JA	253.48
3/4"	ST34JA	253.70
1"	ST1JA	253.70
1 1/4"	ST114JA	260.32
1 1/2"	ST112JA	379.90
2"	ST2JA	379.90

For Propress Jaws see page 1112



90º Plastic Press Elbows
With Smart Connect Feature

SIZE	STOCK NO	EACH
½"	PL12PRELWS	2.12
¾"	PL34PRELWS	2.40
1"	PL1PRELWS	4.81
1¼"	PL114PRELWS	12.69
1½"	PL112PRELWS	15.65
2"	PL2PRELWS	55.56



45º Plastic Press Elbows
With Smart Connect Feature

SIZE	STOCK NO	EACH
1½"	PL112PR45LWS	30.92
2"	PL2PR45LWS	51.73



Plastic Press Tees
With Smart Connect Feature

SIZE	STOCK NO	EACH
½"	PL12PRTWS	1.91
¾"	PL34PRTWS	3.44
1"	PL1PRTWS	7.07
1¼"	PL114PRTWS	15.21
1½"	PL112PRTWS	20.49
2"	PL2PRTWS	67.91



Plastic Press Reducing Tees
With Smart Connect Feature

SIZE	STOCK NO	EACH
½ x ¾"	PL12X34PRTWS	5.65
¾ x ½"	PL34X12PRTWS	3.09
1 x ½"	PL1X12PRTWS	5.26
1 x ¾"	PL1X34PRTWS	5.97
1¼ x ¾"	PL114X34PRTWS	11.20
1¼ x 1"	PL114X1PRTWS	12.72
1½ x ¾"	PL112X34PRTWS	18.24
1½ x 1"	PL112X1PRTWS	19.06
1½ x 1¼"	PL112X114PRTWS	19.65
2 x ¾"	PL2X34PRTWS	54.05
2 x 1"	PL2X1PRTWS	56.42
2 x 1¼"	PL2X114PRTWS	57.95
2 x 1½"	PL2X112PRTWS	64.58
¾ x ½ x ½"	PL34X12X12PRTWS	2.99
¾ x ½ x ¾"	PL34X12X34PRTWS	3.32
1 x ½ x ½"	PL1X12X12PRTWS	5.82
1 x ½ x 1"	PL1X12X1PRTWS	7.09
1 x ¾ x ½"	PL1X34X12PRTWS	5.86
1 x ¾ x ¾"	PL1X34X34PRTWS	6.20
1 x ¾ x 1"	PL1X34X1PRTWS	6.29
1¼ x 1 x ¾"	PL114X1X34PRTWS	13.89
1¼ x 1 x 1"	PL114X1X1PRTWS	11.33
1½ x 1 x ¾"	PL112X1X34PRTWS	21.04
1½ x 1 x 1"	PL112X1X1PRTWS	17.33
1½ x 1¼ x ¾"	PL112X114X34PRTWS	19.02
2 x 1½ x ¾"	PL2X112X34PRTWS	42.64
2 x 1½ x 1"	PL2X112X1PRTWS	52.59
2 x 1½ x 1¼"	PL2X112X114PRTWS	57.23
2 x 1½ x 1½"	PL2X112X112PRTWS	59.86



Plastic Press Couplings
With Smart Connect Feature

SIZE	STOCK NO	EACH
½"	PL12PRCOWS	1.38
¾"	PL34PRCOWS	2.18
½ x ¾"	PL12X34PRCOWS	2.70
¾ x 1"	PL34X1PRCOWS	4.01
1"	PL1PRCOWS	3.64
1" x 1¼"	PL1X114PRCOWS	8.08
1¼"	PL114PRCOWS	9.77
1¼ x ¾"	PL114X34PRCOWS	9.10
1½"	PL112PRCOWS	12.88
1½ x 1¼"	PL112X114PRCOWS	12.31
2"	PL2PRCOWS	38.95
2 x 1½"	PL2X112PRCOWS	35.49



Press Test Plugs
With Smart Connect Feature

SIZE	STOCK NO	EACH
½"	PL12PRPLWS	1.15
¾"	PL34PRPLWS	1.64
1"	PL1PRPLWS	2.51
1¼"	PL114PRPLWS	10.05
1½"	PL112PRPLWS	14.39
2"	PL2PRPLWS	24.58



Press Sleeves
Only for Viega Press polymer fittings

SIZE	STOCK NO	EACH
½"	PL12PRSL	.73
¾"	PL34PRSL	1.15
1"	PL1PRSL	1.44

EvoPEX Tubing and Fittings (18f)

sharkbite.com

SharkBite® PEX Tubing

160 PSI @ 33°-73° F.

A cross-linked polyethylene pipe for a range of residential and commercial plumbing applications. This pipe is approved for all potable water systems. SharkBite PEX is approved for crimp, clamp or push-to-connect plumbing systems. The pipe comes with a repeating SharkBite imprinted pattern which serves as a visual aid to determine if the tube has been inserted correctly into SharkBite Push-to-Connect fittings. This feature only works if the tubing is cut between the SharkBite imprint pattern.



White Pex Pipe Coils

- One month UV resistance
- Highest-rated chlorine resistance
- Freeze Resistant (Not freeze-proof)
- Burial, Fire Suppresion, & Plenum approved
- 25 Year Warranty

SIZE X LENGTH	STOCK NO	EACH
½" x 100'	12X100EVOPEX	36.46
¾" x 100'	34X100EVOPEX	64.68
1" x 100'	1X100EVOPEX	114.07
¾" x 500'	34X500EVOPEX	323.40
1" x 500'	1X500EVOPEX	570.36
½" x 1000'	12X1000EVOPEX	341.60



White Pex Pipe Straight Lengths

- Highest-rated chlorine resistance
- One month UV resistance
- Freeze Resistant (Not freeze-proof)
- Burial, Fire Suppresion, & Plenum approved
- 25 Year Warranty

SIZE X LENGTH	STOCK NO	EACH
½" x 20'	12X20EVOPEX	7.85
¾" x 20'	34X20EVOPEX	13.92
1" x 20'	1X20EVOPEX	24.55



EvoPEX™ Angle Stop

1/4-turn full-port brass ball valve

SIZE	STOCK NO	EACH
½" x ⅜" Comp	K23036	8.40



EvoPEX™ Straight Stop

1/4-turn full-port brass ball valve

SIZE	STOCK NO	EACH
½" x ⅜" Comp	K23037	8.40

SharkBite® EvoPEX™ Fittings

160 PSI @ 73.4° F.

SharkBite EvoPEX fittings are for use in hot and cold domestic water systems, as well as radiant heating/cooling systems. SharkBite EvoPEX fittings are intended to be installed with SharkBite PEX pipe as a holistic system.
Instant push-to-connect ends for quick installation, immediate testing, and ease of use:
ID pipe seal, permanent connection, visual indicator to confirm connection, no tools, solder, clamps, rings, unions, or glue required.



EvoPEX™ Couplings

SIZE	STOCK NO	EACH
½" x ½"	12EPC	2.92
¾" x ¾"	34EPC	3.38
1" x 1"	1EPC	6.48



EvoPEX™ Reducing Couplings

SIZE	STOCK NO	EACH
¾" x ½"	34X12EPC	3.27
1" x ¾"	1x34EPC	5.43



EvoPEX™ Female Connectors

PEX to F-NPT Connection

SIZE	STOCK NO	EACH
½" x ½"	12EPFC	5.60
¾" x ¾"	34EPFC	6.88
1" x 1"	1EPFC	12.60



EvoPEX™ Male Connectors

PEX to M-NPT Connection

SIZE	STOCK NO	EACH
½" x ½"	12EPMC	5.60
¾" x ¾"	34EPMC	6.88
1" x 1"	1EPMC	12.60



EvoPEX™ End Caps

SIZE	STOCK NO	EACH
½"	12EPEC	1.28
¾"	34EPEC	2.92
1"	1EPEC	5.60



EvoPEX™ Elbows

SIZE	STOCK NO	EACH
½" x ½"	12EPL	3.85
¾" x ¾"	34EPL	4.61
1" x 1"	1EPL	8.40



EvoPEX™ Male Elbow

PEX to M-NPT Connection

SIZE	STOCK NO	EACH
½" x ½"	12EPMAL	5.95



EvoPEX™ Drop Ear Elbow

PEX to F-NPT Connection

SIZE	STOCK NO	EACH
½" x ½"	12EPDEL	5.72



EvoPEX™ Tees

SIZE	STOCK NO	EACH
½" x ½" x ½"	12EPT	4.20
¾" x ¾" x ¾"	34EPT	5.02
1" x 1" x 1"	1EPT	9.63

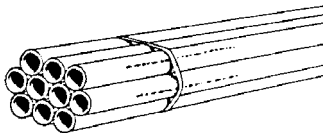


EvoPEX™ Reducing Tees

SIZE	STOCK NO	EACH
½" x ½" x ¾"	12X34EPT	5.25
¾" x ¾" x ½"	34X12EPT	5.25
¾" x ¾"" x 1"	34X1EPT	9.98
1" x ¾" x ¾"	1X34X34EPT	9.98
1" x 1" x ½"	1X1X12EPT	9.98
1" x 1" x ¾"	1X1X34EPT	9.98
1" x ¾" x 1"	1X34X1EPT	9.98
1" x ¾" x ½"	1X34X12EPT	9.98
¾" x ½" x ¾"	34X12X34EPT	5.25
¾" x ½" x ½"	34X12X12EPT	5.25

CPVC CTS Pipe and Fittings (08)

spears.com



(08a)

CPVC-HC

Hot and Cold Water Pipe

NSF approval for drinking water use.

NOM. O.D.	WALL THICKNESS	LBS. PER 100'	STOCK NO	PRICE PER FOOT
10 foot lengths				
.625	.068	8.22	12X10CPVC	.65
.875	.080	13.87	34X10CPVC	1.14
1.125	.102	22.68	1X10CPVC	2.38
1.375	.125	34.00	114X10CPVC	4.08
1.625	.148	47.60	112X10CPVC	5.79
2.125	.193	81.11	2X10CPVC	9.40
20 foot lengths				
.625	.068	8.22	12X20CPVC	.65
.875	.080	13.87	34X20CPVC	1.14
1.125	.102	22.68	1X20CPVC	2.38
1.375	.125	34.00	114X20CPVC	4.08
1.625	.148	47.60	112X20CPVC	5.79
2.125	.193	81.11	2X20CPVC	9.40

cresline.com



90° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
½"	12CPVCL	.37
¾"	34CPVCL	.74
1"	1CPVCL	1.97
1¼"	114CPVCL	3.06
1½"	112CPVCL	5.55
2"	2CPVCL	10.68



90° Street Elbow

Spigot x Slip

SIZE	STOCK NO	EACH
½"	12CPVCSL	.58
¾"	34CPVCSL	.89
1"	1CPVCSL	3.28



45° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
½"	12CPVC45L	.52
¾"	34CPVC45L	.87
1"	1CPVC45L	1.88
1¼"	114CPVC45L	3.59
1½"	112CPVC45L	5.17
2"	2CPVC45L	10.24

45° Street Elbow

Slip x Slip

SIZE	STOCK NO	EACH
½"	12CPVCS45L	.95
¾"	34CPVCS45L	1.24
1"	1CPVCS45L	3.66



Drop Ear Elbow

Slip x Slip

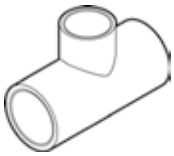
SIZE	STOCK NO	EACH
½"	12CPVCDEL	2.21



Brass Drop Ear Elbow

FPT x Slip

SIZE	STOCK NO	EACH
½"	12CPVCBDEL	8.42



Tee

Slip x Slip x Slip

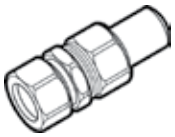
SIZE	STOCK NO	EACH
½"	12CPVCT	.54
¾"	34CPVCT	1.01
1"	1CPVCT	4.24
1¼"	114CPVCT	6.13
1½"	112CPVCT	8.31
2"	2CPVCT	13.70
Reducing Tee		
¾ x ½"	34X12CPVCT	1.01
¾ x ½ x ¾"	34X12X34CPVCT	1.07
¾ x ½ x ½"	34X12X12CPVCT	.96
¾ x ¾ x 1"	34X34X1CPVCT	10.77
1 x ½"	1X12CPVCT	5.55
1 x ¾"	1X34CPVCT	5.27
1 x ¾ x ¾"	1X34X34CPVCT	10.85
1¼ x ¾"	114X34CPVCT	12.04
1¼ x 1"	114X1CPVCT	12.08
1¼ x 1 x 1"	114X1x1CPVCT	14.49
1½ x ¾"	112X34CPVCT	10.20
1½ x 1"	112X1CPVCT	9.11
2 x ¾"	2X34CPVCT	13.66
2 x 1"	2X1CPVCT	13.79



Coupling

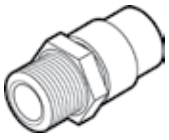
Slip x Slip

SIZE	STOCK NO	EACH
½"	12CPVCC	.41
¾"	34CPVCC	.54
1"	1CPVCC	1.62
1¼"	114CPVCC	2.01
1½"	112CPVCC	2.81
2"	2CPVCC	5.73
¾"x ½"	34X12CPVCC	.71
1"x ¾"	1X34CPVCC	4.30



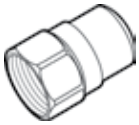
Brass Transition Union
Compression x Slip

SIZE	STOCK NO	EACH
½"	12CPVCCU	17.54



Brass Transition Union
MPT x Slip

SIZE	STOCK NO	EACH
½"	12CPVCMU	16.30



Brass Transition Union
FPT x Slip

SIZE	STOCK NO	EACH
½"	12CPVCFU	14.65
¾"	34CPVCFU	29.63



Reducer Bushing
Spigot x Slip

SIZE	STOCK NO	EACH
¾ x ½"	34X12CPVCB	.54
1 x ½"	1X12CPVCB	1.26
1 x ¾"	1X34CPVCB	1.26
1¼ x ½"	114X12CPVCB	1.66
1¼ x ¾"	114X34CPVCB	1.66
1¼ x 1"	114X1CPVCB	1.45
1½ x ½"	112X12CPVCB	2.01
1½ x ¾"	112X34CPVCB	2.23
1½ x 1"	112X1CPVCB	2.32
1½ x 1¼"	112X114CPVCB	2.05
2 x ½"	2X12CPVCB	4.68
2 x ¾"	2X34CPVCB	4.68
2 x 1"	2X1CPVCB	4.68
2 x 1¼"	2X114CPVCB	4.68
2 x 1½"	2X112CPVCB	4.68



(02)
Tub/Shower Pressure Connector

SIZE	STOCK NO	EACH
CPVC x MSWT		
½"	SC632C263	5.43
CPVC to Copper Transition Socket		
¾"	SC630C348	15.14



(02)
Male Sweat Adapter

SIZE	STOCK NO	EACH
CPVC x MSWT		
½"	SC643C211	7.81
¾"	SC643C311	14.88
1"	SC643C418	32.70



Male Adapter

SIZE	STOCK NO	EACH
Slip x Stainless Steel MPT		
½"	12CPVCBMA	6.08
¾"	34CPVCBMA	8.98
1"	1CPVCBMA	14.54
1¼"	114CPVCBMA	34.38
1½"	112CPVCBMA	57.18
2"	2CPVCBMA	63.46
Slip x Plastic MPT		
½"	12CPVCMA	.52
¾"	34CPVCMA	.81



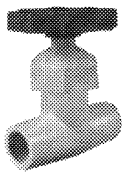
Female Adapter

SIZE	STOCK NO	EACH
Slip x Stainless Steel FPT		
½"	12CPVCBFA	6.08
¾"	34CPVCBFA	8.98
1"	1CPVCBFA	14.54
1¼"	114CPVCBFA	34.38
1½"	112CPVCBFA	57.18
2"	2CPVCBFA	63.46
Slip x Plastic with Reinforced Stainless Steel FPT		
½"	12CPVCFA	7.01
¾"	34CPVCFA	7.71



Cap
Slip

SIZE	STOCK NO	EACH
½"	12CPVCCAP	.40
¾"	34CPVCCAP	.57
1"	1CPVCCAP	1.31
1¼"	114CPVCCAP	2.02
1½"	112CPVCCAP	3.20
2"	2CPVCCAP	5.38



Globe Stop Valve
Slip x Slip

SIZE	STOCK NO	EACH
½"	12CPVCVL	3.24
¾"	34CPVCVL	4.80



Ball Stop Valve
Slip x Slip

SIZE	STOCK NO	EACH
½"	12CPVCBV	14.01
¾"	34CPVCBV	18.04
1"	1CPVCBV	20.94
1¼"	114CPVCBV	32.78
1½"	112CPVCBV	38.58
2"	2CPVCBV	50.37



(18b)
Orange Heavy Body CPVC Cement
For All Schedules thru 12", Medium Setting.

SIZE	STOCK NO	EACH
Pint	PTCPVCCE	36.70
Quart	QTCPVCCE	65.30

See page 1203 for All Purpose Cleaner
See page 1231 for IPS CPVC Primers

(18b)
Cresline CPVC Purple Primer

SIZE	STOCK NO	EACH
4oz.	4OZCPVCPR	7.14



(18b)
IPS CPVC Orange Weld-On Cement
Regular bodied, fast setting, for sizes thru 2".

SIZE	STOCK NO	EACH
4oz.	4OZCPVCCE	11.30
½ pint	12PTCPVCCE	17.38



(18b)
FlowGuard® Gold™ 1-step CPVC Cement

SIZE	STOCK NO	EACH
½ pint	12PTFGCPVCCE	19.89
Pt	PTFGCPVCCE	32.42

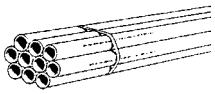
CPVC IPS Pipe and Fittings (08)

Schedule 80

lascofittings.com

(08)

Pipe



SIZE	STOCK NO	FOOT
5' Lengths		
2"	2X5S80CPVC	45.72
20' Lengths		
½"	12X20S80CPVC	2.07
¾"	34X20S80CPVC	2.82
1"	1X20S80CPVC	4.16
1¼"	114X20S80CPVC	5.73
1½"	112X20S80CPVC	6.94
2"	2X20S80CPVC	9.62
2½"	212X20S80CPVC	14.67
3"	3X20S80CPVC	19.67
4"	4X20S80CPVC	29.13
6"	6X20S80CPVC	55.96
8"	8X20S80CPVC	92.80

ipex.com

Tee

Slip



SIZE	STOCK NO	EACH
½"	12S80CPVCT	6.93
¾"	34S80CPVCT	7.05
1"	1S80CPVCT	8.64
1¼"	114S80CPVCT	18.22
1½"	112S80CPVCT	20.87
2"	2S80CPVCT	23.23
2½"	212S80CPVCT	59.14
3"	3S80CPVCT	59.14
4"	4S80CPVCT	78.70
6"	6S80CPVCT	204.81
Reducing Tee		
2x1½"	2X112S80CPVCT	43.36
3x2"	3X2S80CPVCT	88.47
4x3"	4X3S80CPVCT	122.39

90° Elbow

Slip



SIZE	STOCK NO	EACH
½"	12S80CPVCL	2.95
¾"	34S80CPVCL	3.77
1"	1S80CPVCL	5.98
1¼"	114S80CPVCL	12.95
1½"	112S80CPVCL	14.46
2"	2S80CPVCL	17.44
2½"	212S80CPVCL	40.16
3"	3S80CPVCL	45.48
4"	4S80CPVCL	81.89
6"	6S80CPVCL	164.56

45° Elbow

Slip



SIZE	STOCK NO	EACH
½"	12S80CPVC45L	3.61
¾"	34S80CPVC45L	5.22
1"	1S80CPVC45L	8.31
1¼"	114S80CPVC45L	16.30
1½"	112S80CPVC45L	16.74
2"	2S80CPVC45L	18.78
2½"	212S80CPVC45L	38.35
3"	3S80CPVC45L	49.29
4"	4S80CPVC45L	67.67
6"	6S80CPVC45L	208.45

Coupling

Slip



SIZE	STOCK NO	EACH
½"	12S80CPVCC	3.12
¾"	34S80CPVCC	4.36
1"	1S80CPVCC	5.88
1¼"	114S80CPVCC	8.79
1½"	112S80CPVCC	11.07
2"	2S80CPVCC	12.88
2½"	212S80CPVCC	28.66
3"	3S80CPVCC	31.13
4"	4S80CPVCC	40.79
6"	6S80CPVCC	96.07
Reducing Coupling		
2x1½"	2X112S80CPVCC	34.98
3x2"	3X2S80CPVCC	80.48
4x3"	4X3S80CPVCC	96.00

Female Adapter

Slip x FIP



SIZE	STOCK NO	EACH
½"	12S80CPVCFA	5.05
¾"	34S80CPVCFA	5.32
1"	1S80CPVCFA	12.31
1¼"	114S80CPVCFA	12.60
1½"	112S80CPVCFA	14.68
2"	2S80CPVCFA	25.31
2½"	212S80CPVCFA	48.54
3"	3S80CPVCFA	99.59
4"	4S80CPVCFA	165.77

Male Adapter

MIP x Slip



SIZE	STOCK NO	EACH
½"	12S80CPVCMA	4.03
¾"	34S80CPVCMA	4.92
1"	1S80CPVCMA	8.28
1¼"	114S80CPVCMA	12.20
1½"	112S80CPVCMA	16.51
2"	2S80CPVCMA	22.39
2½"	212S80CPVCMA	61.03
3"	3S80CPVCMA	82.03
4"	4S80CPVCMA	138.67

Adjustable Flange

SL x FL Adjustable • Schedule 80

SIZE	STOCK NO	EACH
2"	2S80CPVCFL	24.25
2½"	212S80CPVCFL	55.00
3"	3S80CPVCFL	57.58
4"	4S80CPVCFL	77.77
6"	6S80CPVCFL	121.05

Transition Bushing

IPS Spigot x CTS

SIZE	STOCK NO	EACH
½"	12CPVCTB	2.10
¾"	34CPVCTB	2.15
1"	1CPVCTB	2.37
1¼"	114CPVCTB	2.93
1½"	112CPVCTB	3.68
2"	2CPVCTB	4.03

Reducer Bushing Flush Style

Slip x slip



SIZE	STOCK NO	EACH
¾ x ½"	34x12S80CPVCB	3.34
1 x ½"	1X12S80CPVCB	5.17
1 x ¾"	1X34S80CPVCB	5.17
1¼ x ½"	114X12S80CPVCB	13.72
1¼ x ¾"	114X34S80CPVCB	13.72
1¼ x 1"	114X1S80CPVCB	13.72
1½ x ½"	112X12S80CPVCB	15.52
1½ x ¾"	112X34S80CPVCB	15.52
1½ x 1"	112X1S80CPVCB	15.52
1½ x 1¼"	112X114S80CPVCB	15.52
2 x ½"	2X12S80CPVCB	20.03
2 x ¾"	2X34S80CPVCB	20.03
2 x 1"	2X1S80CPVCB	20.03
2 x 1¼"	2X114S80CPVCB	20.03
2 x 1½"	2X112S80CPVCB	20.03
2½ x 1½"	212X112S80CPVCB	24.39
2½ x 2"	212X2S80CPVCB	24.38
3 x 2"	3X2S80CPVCB	37.16
3 x 2½"	3X212S80CPVCB	37.16
4 x 2"	4X2S80CPVCB	41.09
4 x 3"	4X3S80CPVCB	41.09
6 x 4"	6X4S80CPVCB	87.54

Union

Soc with Vitron® O-Ring Seal



SIZE	STOCK NO	EACH
½"	12S80CPVCUV	14.66
¾"	34S80CPVCUV	15.31
1"	1S80CPVCUV	18.39
1¼"	114S80CPVCUV	33.56
1½"	112S80CPVCUV	37.86
2"	2S80CPVCUV	62.77

Cap

Slip



SIZE	STOCK NO	EACH
½"	12S80CPVCCAP	4.86
¾"	34S80CPVCCAP	6.93
1"	1S80CPVCCAP	12.26
1¼"	114S80CPVCCAP	13.41
1½"	112S80CPVCCAP	13.41
2"	2S80CPVCCAP	14.15
2½"	212S80CPVCCAP	47.60
3"	3S80CPVCCAP	52.17
4"	4S80CPVCCAP	53.04

(02)

CPVC Union Ball Valves

Vitron® O-Ring Seals
Threaded and Socket ends



SIZE	STOCK NO	EACH
½"	12CPVCBAVA	67.32
¾"	34CPVCBAVA	84.80
1"	1CPVCBAVA	100.92
1¼"	114CPVCBAVA	165.45
1½"	112CPVCBAVA	165.45
2"	2CPVCBAVA	234.49

Con-Stab Gas I.D. Seal Fittings (08b)



Full Couplings

SIZE	STOCK NO	EACH
½" CTS	12GPCCTS	27.55
¾" IPS	34GPC	47.78
1" IPS	1GPC	70.92



Transition Fitting

SIZE	STOCK NO	EACH
½" CTS	12GPTFCTS	98.37
¾" IPS	34GPTF	96.81
1" IPS	1GPTF	132.84



Con-Stab ID Seal 3-Way Tees

SDR-11 PE STAB

SIZE	STOCK NO	EACH
¾" IPS	34GPT	129.11
1" IPS	1GPT	124.10

16" x 30" Risers

SIZE	STOCK NO	EACH
¾" IPS	34GPR	178.61
1" IPS	1GPR	209.95

15" x 30" Riser

SIZE	STOCK NO	EACH
½" CTS	12GPRCTS	142.92

(18)



Flexible Risers

For natural gas applications • SDR 11

SIZE	OUTLET	STOCK NO	EACH
¾" IPS x 36"	¾" MPT	XR34GPR	78.85
1" IPS x 36"	1" MPT	XR1GPR	133.95
2" IPS x 36"	2" MPT	XR2GPR	277.40

Yellow Gas Pipe

(18e)



No. 161-YG Yellow Gas Pipe

SIZE LENGTH	STOCK NO	PER FOOT
CTS		
½" x 150'	12X150YGP	.35
½" x 500'	12X500YGP	.35
IPS		
¾" x 150'	34X150YGP	.63
¾" x 500'	34X500YGP	.63
1" x 150'	1X150YGP	.96
1" x 500'	1X500YGP	.96
2" x 100'	2X100YGP	3.02
2" x 500'	2X500YGP	3.02

(37)



Yellow Gas Pipe Solid Tracer Wire

500' Spools

SIZE/COLOR	STOCK NO	EACH
#14 Blue	TW14B	.39
#12 Yellow	TW12Y	.40
#12 Blue	TW12B	.40

Chamfering Tools (08b)



Chamfering Tool

SIZE	STOCK NO	EACH
1" x ¾" IPS	1X34GPCHTO	70.38



Chamfering Tool

DR11

DESCRIPTION	STOCK NO	EACH
½" CTS	12CHTOCTS	70.38
¾"	34CHTO	70.38
1"	1CHTO	70.39
1¼"	114CHTO	70.39

CE Blue® Flexible Pipe



Poly Tube

For use in sprinkler systems

SIZE LENGTH	STOCK NO	PER FOOT
100 PSI @ 73° F. • SIDR-19		
1" x 100'	1X100CEBLUE100	.41
1" x 300'	1X300CEBLUE100	.41
1¼" x 100'	114X100CEBLUE100	.68
1¼" x 300'	114X300CEBLUE100	.68
1½" x 250'	112X250HD100	1.00
2" x 100'	2X100HD100	1.47
125 PSI @ 73° F • SIDR-15		
¾" x 100'	34X100HD125	.35
¾" x 400'	34X400HD125	.35
200 PSI @ 73° F. • SIDR-9 • IPS		
¾" x 400'	34X400CEBLUE200	.54
1" x 100'	1X100CEBLUE200	.78
1" x 300'	1X300CEBLUE200	.78
1¼" x 100'	114X100CEBLUE200	1.46
1¼" x 300'	114X300CEBLUE200	1.46
200 PSI @ 73° F. • SIDR-9		
1½" x 100'	112X100HD200	2.11
2" X 100'	2X100HD200	3.48
2" X 200'	2X200HD200	3.48
250 PSI @ 73° F. • SIDR-7 • IPS		
1" x 100'	1X100CEBLUE250	1.09
1" x 300'	1X300CEBLUE250	1.09

Poly Tube

Copper Tube Size
AWWAC-901 • SDR-9 • 250 PSI @ 73° F

SIZE LENGTH	STOCK NO	PER FOOT
1"x100'	1X100CEBLUE250CTS	.81
1"x300'	1X300CEBLUE250CTS	.81
1¼"x100'	114X100CEBLUE250CTS	1.13
1¼"x300'	114X300CEBLUE250CTS	1.13
1½"x100'	112X100CEBLUE250CTS	1.68
1½"x300'	112X300CEBLUE250CTS	1.68
2"x100'	2X100CEBLUE250CTS	2.83
2"x200'	2X200CEBLUE250CTS	2.83

Steel Insert Fittings

Couplings



Insert x Insert

SIZE	STOCK NO	EACH
½"	12GSIC	.86
¾"	34GSIC	1.22
1"	1GSIC	1.47
1¼"	114GSIC	2.67
1½"	112GSIC	3.07
2"	2GSIC	4.19

Male Adapters



Insert x MIP

SIZE	STOCK NO	EACH
½"	12GSMIA	.90
¾"	34GSMIA	1.14
1"	1GSMIA	1.58
1¼"	114GSMIA	2.08
1½"	112GSMIA	2.74
2"	2GSMIA	3.92

Red Brass Insert Fittings

Elbows



Insert x Insert

SIZE	STOCK NO	EACH
¾"	34RBIL	10.78
1"	1RBIL	17.54
1¼"	114RBIL	26.16

Elbows



SIZE	STOCK NO	EACH
Insert x MIP		
¾"	34RBMIL	10.54
1"	1RBMIL	15.57
1 x ¾"	1X34RBMIL	13.49
1¼"	114RBMIL	22.27
Insert x FIP		
1"	1RBFIL	18.40

Elbows

Insert x Male (with 1/4" Tap)

SIZE	STOCK NO	EACH
¾"	34RBMILT	7.55
1"	1RBMILT	11.26
1 x ¾"	1X34RBMILT	8.45

Tees



Insert x Insert x Insert

SIZE	STOCK NO	EACH
¾"	34RBIT	13.20
1"	1RBIT	20.00
1¼"	114RBIT	30.78

Hydrant Tee



SIZE	STOCK NO	EACH
1"insert x ¾"NPT	RBHT7510	16.26
1"insert x 1"NPT	RBHT1000	17.62

Adapters



SIZE	STOCK NO	EACH
Insert x MIP		
¾"	34RBMIA	7.44
1"	1RBMIA	9.82
1¼"	114RBMIA	14.45
Insert x FIP		
1"	1RBFIA	12.24
1¼"	114RBFIA	15.28

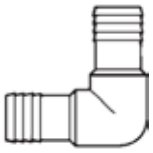
Adapters (Campbell)

SIZE	STOCK NO	EACH
Insert x MIP		
¾"	CA34RBMIA	12.77
1"	CA1RBMIA	16.22
1¼"	CA114RBMIA	30.18
1½"	CA112RBMIA	35.67
2"	CA2RBMIA	46.49

Red Brass Insert Coupling

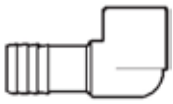
SIZE	STOCK NO	EACH
¾"	34RBIC	7.50
1"	1RBIC	11.94
1¼"	114RBIC	17.39
1½"	112RBIC	29.62
2"	2RBIC	39.82

Plastic Insert Fittings



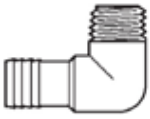
Elbows
Insert x Insert

SIZE	STOCK NO	EACH
½"	12PLIL	1.35
¾"	34PLIL	1.66
1"	1PLIL	1.83
1¼"	114PLIL	2.05
1½"	112PLIL	2.42
2"	2PLIL	3.38



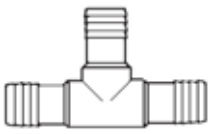
Elbows
Insert x FIP

SIZE	STOCK NO	EACH
½"	12PLFIL	1.52
¾"	34PLFIL	1.66
1"	1PLFIL	2.13
Reducing Elbows		
¾ x ½"	34X12PLFIL	1.62
1 x ½"	1X12PLFIL	1.71
1 x ¾"	1X34PLFIL	2.00



Elbows
Insert x MIP

SIZE	STOCK NO	EACH
1"	1PLMIL	3.09



Tee
Insert x Insert x Insert

SIZE	STOCK NO	EACH
½"	12PLIT	1.48
¾" x ½"	34X12PLIT	1.82
¾"	34PLIT	1.61
1"	1PLIT	2.09
2"	2PLIT	7.32
Reducing Tee		
1¼ x 1¼ x 1"	114X114X1PLIT	2.90

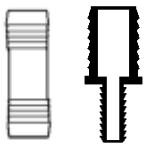
Cut-off Nipple
MIPxMIP

SIZE	STOCK NO	EACH
½ x 6"	12X6PLCON	1.65
¾ x 6"	34X6PLCON	3.96



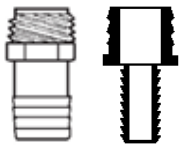
Tee
Insert x FIP

SIZE	STOCK NO	EACH
¾"	34PLFIT	2.42
1"	1PLFIT	2.85
1¼"	114PLFIT	4.19
Reducing Tee		
Insert x Insert x FIP		
1x1x ¾"	1X1X34PLFIT	2.73



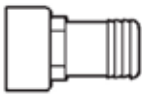
Couplings
Insert x Insert

SIZE	STOCK NO	EACH
Straight		
½"	12PLIC	.69
¾"	34PLIC	.83
1"	1PLIC	.87
1¼"	114PLIC	1.29
1½"	112PLIC	1.52
2"	2PLIC	2.87
Reducing		
¾ x ½"	34X12PLIC	1.16
1 x ¾"	1X34PLIC	1.16
1¼ x 1"	114X1PLIC	1.90
1½ x 1"	112X1PLIC	2.86
1½ x 1¼"	112X114PLIC	2.23



Male Adapters

SIZE	STOCK NO	EACH
Insert x MIP		
½"	12PLMIA	.68
¾"	34PLMIA	.83
1"	1PLMIA	.85
1¼"	114PLMIA	1.35
1½"	112PLMIA	1.52
2"	2PLMIA	2.92
MIP x Insert		
½ x ¾"	12X34PLMIA	2.15
¾ x ½"	34X12PLMIA	2.01
¾ x 1"	34X1PLMIA	2.33
1 x ¾"	1X34PLMIA	2.01



Female Adapters
Insert x FIP

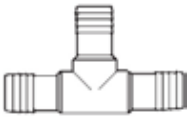
SIZE	STOCK NO	EACH
½"	12PLFIA	3.02
¾"	34PLFIA	3.29
1"	1PLFIA	3.64
1¼"	114PLFIA	4.62
1½"	112PLFIA	5.87

Nylon Insert Fittings



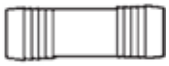
90° Elbows
Insert x Insert

SIZE	STOCK NO	EACH
¾"	34NYIL	1.12
1"	1NYIL	1.34
1¼"	114NYIL	2.30
1½'	112NYIL	3.50
2"	2NYIL	4.69



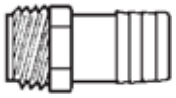
Tees
Insert x Insert x Insert

SIZE	STOCK NO	EACH
½"	12NYIT	1.14
¾"	34NYIT	1.34
1"	1NYIT	2.19
1¼"	114NYIT	3.71
1½"	112NYIT	5.23



Couplings
Insert x Insert

SIZE	STOCK NO	EACH
½"	12NYIC	.58
¾"	34NYIC	.70
1"	1NYIC	.93
1¼"	114NYIC	1.65
1½"	112NYIC	2.24
2"	2NYIC	2.83



Male Adapters
Insert x MIP

SIZE	STOCK NO	EACH
½"	12NYMIA	.58
¾"	34NYMIA	.72
1"	1NYMIA	.93
1¼"	114NYMIA	1.49
1½"	112NYMIA	2.11
2"	2NYMIA	3.33



Stainless Steel Clamps

SIZE	STOCK NO	EACH
9/16 — 1¼"	114SSCL	.80
11/16 — 1½"	112SSCL	.80
¾ — 1¾"	134SSCL	.80
1 1/16 — 2"	2SSCL	.80
1 9/16 — 2½"	212SSCL	.80
1 13/16 — 2¾"	234SSCL	.82
2 13/16 — 3¾"	334SSCL	1.30

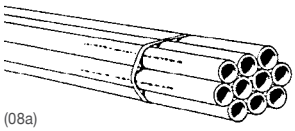
Tridon Stainless Steel Well Casing Clamp

SIZE	MODEL	STOCK NO	EACH
3-5"	620-072	5SSCL	1.23
4-6"	620-088	6SSCL	1.66
5-7"	620-104	7SSCL	1.54

PVC Pipe and Fittings (08)

Schedule 40

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(08a)

ASTM D-1785 Schedule 40

Belled End

PIPE SIZE	STOCK NO	PER FOOT
½" x 20'	12X20PVBE	.29
¾ "x 20'	34X20PVBE	.36
1" x 20'	1X20PVBE	.55
1¼" x 20	114X20PVBE	.70
1½" x 20	112X20PVBE	.88
2" x 20'	2X20PVBE	1.13
2½" x 20'	212X20PVBE	1.93
3" x 20'	3X20PVBE	2.31
4" x 10'	4X10PVBE	3.06
4" x 20'	4X20PVBE	3.06
6" x 10'	6X10PVBE	5.78



90° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
½"	12PVL	.43
¾"	34PVL	.49
1"	1PVL	.86
1¼"	114PVL	1.53
1½"	112PVL	1.64
2"	2PVL	2.57
2½"	212PVL	7.82
3"	3PVL	9.36
4"	4PVL	16.73
6"	6PVL	53.21
8"	8PVL	137.04

90° Elbow

Slip x FPT

SIZE	STOCK NO	EACH
½"	12PVFAL	.53
¾"	34PVFAL	.61
1"	1PVFAL	1.16
1¼"	114PVFAL	1.92
1½'	112PVFAL	2.14
2"	2PVFAL	5.49

90° Elbow

Slip x MIP

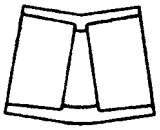
SIZE	STOCK NO	EACH
¾"	34PVMAL	1.10



90° Street Elbow

Spigot x Socket

SIZE	STOCK NO	EACH
½"	12PVSL	1.21
¾"	34PVSL	1.49
1"	1PVSL	2.57
1¼"	114PVSL	3.07
1½"	112PVSL	3.39
2"	2PVSL	6.54



22½° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
2"	2PV22L	4.47



45° Elbow

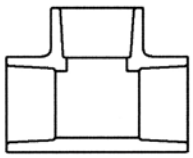
Slip x Slip

SIZE	STOCK NO	EACH
½"	12PV45L	.71
¾"	34PV45L	1.10
1"	1PV45L	1.32
1¼"	114PV45L	1.84
1½"	112PV45L	2.30
2"	2PV45L	3.01
2½"	212PV45L	7.83
3"	3PV45L	12.16
4"	4PV45L	21.80
6"	6PV45L	53.86
8"	8PV45L	129.54

45° Street Elbow

Spigot x Socket

SIZE	STOCK NO	EACH
½"	12PVS45L	.82
¾"	34PVS45L	1.27



PVC Pressure Pipe Fittings Straight Tee

All Slip

SIZE	STOCK NO	EACH
½"	12PVT	.53
¾"	34PVT	.61
1"	1PVT	1.16
1¼"	114PVT	1.78
1½"	112PVT	2.17
2"	2PVT	3.18
2 x 1"	2X1PVT	3.39
2½"	212PVT	10.45
3"	3PVT	13.73
3 x 2"	3X2PVT	14.91
4"	4PVT	24.84
6"	6PVT	83.62
Reducing Tee		
¾ x ½"	34X12PVT	.71
1 x ¾"	1X34PVT	1.32
1¼ x ¾"	114X34PVT	1.96
1¼ x 1"	114X1PVT	1.96
1½ x 1"	112X1PVT	3.45
2 x 1¼"	2X114PVT	3.39
2 x 1½"	2X112PVT	3.39

Tee

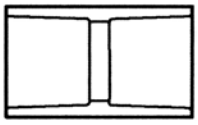
Slip x Slip x FIP

SIZE	STOCK NO	EACH
2" x ¾"	2X34PVFT	5.29
3" x ¾"	3x34PVFT	16.37

Cross

All Slip

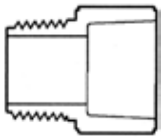
SIZE	STOCK NO	EACH
1½"	112PVX	5.08
2"	2PVX	7.49



Coupling

Slip x Slip

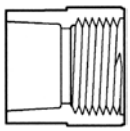
SIZE	STOCK NO	EACH
½"	12PVC	.28
¾"	34PVC	.39
1"	1PVC	.68
1¼"	114PVC	.94
1½"	112PVC	1.01
2"	2PVC	1.54
2½"	212PVC	3.39
3"	3PVC	5.30
4"	4PVC	7.68
5"	5PVC	14.06
6"	6PVC	24.29
Reducing Coupling		
1 x ¾"	1X34PVC	1.22



Male Adapters

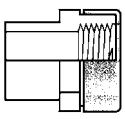
SIZE	STOCK NO	EACH
½"	12PVMA	.39
¾"	34PVMA	.43
1"	1PVMA	.77
1¼"	114PVMA	.94
1½"	112PVMA	1.26
2"	2PVMA	1.65
2½"	212PVMA	4.87
3"	3PVMA	7.11
4"	4PVMA	9.08
5"	5PVMA	POA*
6"	6PVMA	23.67
½ x ¾"	12X34PVMA	.71
¾ x ½"	34X12PVMA	.77
1 x ¾"	1X34PVMA	1.10
1¼ x 1 "	114X1PVMA	2.57
1½ x 1¼"	112X114PVMA	2.89
2 x 1½"	2X112PVMA	3.50

***Price on Application**



Female Adapter

SIZE	STOCK NO	EACH
½"	12PVFA	.49
¾"	34PVFA	.61
1"	1PVFA	.71
1¼"	114PVFA	1.10
1½"	112PVFA	1.26
2"	2PVFA	1.69
2½"	212PVFA	4.28
3"	3PVFA	5.74
4"	4PVFA	9.50
6"	6PVFA	34.98
8"	8PVFA	65.95



Female Adapter

Spig x SR Fipt

SIZE	STOCK NO	EACH
2"	2PVSRFFA	38.32

PVC Pipe and Fittings (08)

Schedule 40

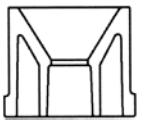
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Union

Soc with Buna O-Ring Seal

SIZE	STOCK NO	EACH
½"	12PVU	4.22
¾"	34PVU	4.78
1"	1PVU	4.93
1¼"	114PVU	15.88
1½"	112PVU	16.54
2"	2PVU	22.29

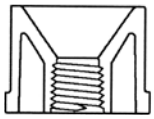


Reducing Bushings

Slip x Slip

SIZE	STOCK NO	EACH
¾ x ½"	34X12PVB	.45
1 x ¾"	1X34PVB	.81
1 x ½"	1X12PVB	.81
1¼ x 1"	114X1PVB	1.10
1¼ x ¾"	114X34PVB	1.10
1¼ x ½"	114X12PVB	1.10
1½ x 1¼"	112X114PVB	1.16
1½ x 1"	112X1PVB	1.16
1½ x ¾"	112X34PVB	1.16
1½ x ½"	112X12PVB	1.16
2 x 1½"	2X112PVB	1.92
2 x 1¼"	2X114PVB	1.92
2 x 1"	2X1PVB	1.92
2 x ¾"	2X34PVB	1.92
2 x ½"	2X12PVB	1.92
2½ x 2"	212X2PVB	3.08
2½ x 1½"	212X112PVB	3.08
2½ x 1¼"	212X114PVB	3.08
3 x 2½"	3X212PVB	4.55
3 x 2"	3X2PVB	4.55
3 x 1½"	3X112PVB	4.55
4 x 2½"	4X212PVB	POA*
4 x 3"	4X3PVB	10.15
4 x 2"	4X2PVB	10.15
6 x 4"	6X4PVB	25.13
8 x 4"	8X4PVB	87.72
8 x 6"	8X6PVB	87.72

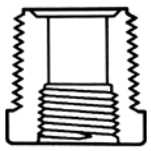
***Price on Application**



Bushings

Slip x FIP

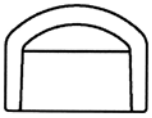
SIZE	STOCK NO	EACH
¾ x ½"	34X12PVFAB	.71
1 x ¾"	1X34PVFAB	1.16
1 x ½"	1X12PVFAB	1.16
1¼ x 1"	114X1PVFAB	1.76
1¼ x ¾"	114X34PVFAB	1.76
1¼ x ½"	114X12PVFAB	1.76
1½ x 1¼"	112X114PVFAB	2.03
1½ x 1"	112X1PVFAB	2.03
1½ x ¾"	112X34PVFAB	2.03
1½ x ½"	112X12PVFAB	2.03
2 x 1½"	2X112PVFAB	2.72
2 x 1¼"	2X114PVFAB	2.72
2 x 1"	2X1PVFAB	2.72
2 x ¾"	2X34PVFAB	2.72
2 x ½"	2X12PVFAB	2.72
2½ x 2"	212X2PVFAB	3.95
2½ x 1½"	212X112PVFAB	3.95
2½ x 1¼"	212X114PVFAB	3.95
3 x 2"	3X2PVFAB	4.55
3 x 1½"	3X112PVFAB	4.55
4 x 2"	4X2PVFAB	10.14
4 x 3"	4X3PVFAB	10.14



Bushings

MIP x FIP

SIZE	STOCK NO	EACH
¾ x ½"	34X12PVMFB	1.26
1 x ¾"	1X34PVMFB	1.76
1 x ½"	1X12PVMFB	1.76
1¼ x 1"	114X1PVMFB	2.62
1¼ x ¾"	114X34PVMFB	2.62
1½ x 1¼"	112X114PVMFB	3.18
1½ x 1"	112X1PVMFB	3.18
1½ x ¾"	112X34PVMFB	3.18
1½ x ½"	112X12PVMFB	3.18
2 x 1½"	2X112PVMFB	3.39
2 x 1¼"	2X114PVMFB	3.39
2 x 1"	2X1PVMFB	3.39



Cap

Slip

SIZE	STOCK NO	EACH
½"	12PVCAP	.39
¾"	34PVCAP	.45
1"	1PVCAP	.71
1¼"	114PVCAP	1.01
1½"	112PVCAP	1.10
2"	2PVCAP	1.32
2½"	212PVCAP	4.22
3"	3PVCAP	4.59
4"	4PVCAP	10.45
5"	5PVCAP	17.56
6"	6PVCAP	25.06
8"	8PVCAP	47.47

Cap

FPT

SIZE	STOCK NO	EACH
½"	12PVSCCAP	.81
¾"	34PVSCCAP	.94
1"	1PVSCCAP	1.42
1¼"	114PVSCCAP	1.69
1½"	112PVSCCAP	1.76
2"	2PVSCCAP	3.12



Plug

MIP

SIZE	STOCK NO	EACH
½"	12PVSCP	1.16
¾"	34PVSCP	1.24
1"	1PVSCP	2.03
1¼"	114PVSCP	2.14
1½"	112PVSCP	2.28
2"	2PVSCP	2.96
2½"	212PVSCP	4.11
3"	3PVSCP	6.23
4"	4PVSCP	14.05



Compression Couplings

Comp x Comp

SIZE	STOCK NO	EACH
¾"	34PVCC	9.55
1"	1PVCC	12.44
1¼"	114PVCC	21.09
1½"	112PVCC	19.62
2"	2PVCC	25.52
3"	3PVCC	62.84
4"	4PVCC	103.35



Telescoping Repair Couplings

SIZE	STOCK NO	EACH
1½"	112PVRC	24.67
2"	2PVRC	37.70
3"	3PVRC	73.19

(08)

Deep Socket Coupling

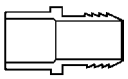
Slip x Slip

SIZE	STOCK NO	EACH
2"	2PVLC	4.49
4"	4PVLC	17.52

Transition Coupling

#4141-007

SIZE	STOCK NO	EACH
¾"	34PVTC	2.49



Insert Adapter

Insert x I.P.S. Spigot

SIZE	STOCK NO	EACH
1"	1INSF	2.14

PVC Pipe and Fittings (08)

Schedule 80

cresline.com



(08a)

Schedule 80

PIPE SIZE	STOCK NO	PER FOOT
20' Lengths		
½"	12X20PV80	.89
¾"	34X20PV80	1.21
1"	1X20PV80	1.78
1¼"	114X20PV80	2.56
1½"	112X20PV80	2.77
2"	2X20PV80	3.94
2½"	212X20PV80	6.43
3"	3X20PV80	7.90
4"	4X20PV80	11.37
6"	6X20PV80	21.98
8"	8X20PV80	33.12

(08a)

Class 160 with Belled End

Working Pressure 160 PSI @ 73° F.

SIZE	STOCK NO	FOOT
3"	3X20PV160	2.01

(08a)

Class 200

Working Pressure 200 PSI @ 73° F.

SIZE	STOCK NO	FOOT
¾"	34X20PV200	.25
1"	1X20PV200	.33
1¼"	114X20PV200	.57
1½"	112X20PV200	.71

Well Casing with Belled End

Class 200

SIZE	STOCK NO	FOOT
4x20	4X20PVWCBE	3.76
5x20	5X20PVWCBE	5.98
6x20	6X20PVWCBE	8.14



(08a)

Shur-Align Schedule 120 Drop Pipe

PIPE SIZE	STOCK NO	PER FOOT
20' Lengths		
1"	1X20S120PVDP	2.42
1¼"	114X20S120PVDP	3.35
2"	2X20S120PVDP	5.74
3"	3X20S120PVDP	12.48

(08a)

Drop Pipe

Schedule 80

SIZE	STOCK NO	FOOT
1"	1X20PVDP	1.30
1¼"	114X20PVDP	1.79
2"	2X20PVDP	3.02

(08)

PVC Machine Couplings

SIZE	STOCK NO	EACH
1"	1PVMCXH	6.68
1¼"	114PVMCXH	7.70



90° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
½"	12S80PVL	1.61
¾"	34S80PVL	2.06
1"	1S80PVL	3.34
1¼"	114S80PVL	4.46
1½"	112S80PVL	4.77
2"	2S80PVL	5.77
2½"	212S80PVL	13.49
3"	3S80PVL	15.16
4"	4S80PVL	23.06
6"	6S80PVL	65.63
8"	8S80PVL	180.90



90° Elbow

FIP x FIP

SIZE	STOCK NO	EACH
½"	12S80PVSCL	3.74
¾"	34S80PVSCL	4.66
1"	1S80PVSCL	5.86
1¼"	114S80PVSCL	6.32
1½"	112S80PVSCL	8.97
2"	2S80PVSCL	10.09



90° Elbow

FIP x FIP - Special Reinforced

SIZE	STOCK NO	EACH
½"	12S80PVSRL	7.35
¾"	34S80PVSRL	9.24



90° Elbow

Spigot to Socket

SIZE	STOCK NO	EACH
¾"	34S80PVSL	2.72



45° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
½"	12S80PV45L	3.04
¾"	34S80PV45L	4.65
1"	1S80PV45L	6.97
1¼"	114S80PV45L	8.88
1½"	112S80PV45L	10.50
2"	2S80PV45L	13.61
2½"	212S80PV45L	28.58
3"	3S80PV45L	34.79
4"	4S80PV45L	62.63
6"	6S80PV45L	78.87
8"	8S80PV45L	171.00



45° Elbow

FIP x FIP

SIZE	STOCK NO	EACH
½"	12S80PVSC45L	6.00
¾"	34S80PVSC45L	6.45
1"	1S80PVSC45L	8.11
2"	2S80PVSC45L	23.03



22½° Elbow

Slip x Slip

SIZE	STOCK NO	EACH
1½"	112S80PV22L	14.38
2"	2S80PV22L	16.81

PVC Pipe and Fittings (08)
Schedule 80
cresline.com



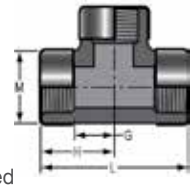
Tees
Slip x Slip

SIZE	STOCK NO	EACH
½"	12S80PVT	4.56
¾"	34S80PVT	4.77
1"	1S80PVT	5.98
1¼"	114S80PVT	16.42
1½"	112S80PVT	16.42
2"	2S80PVT	20.53
2½"	212S80PVT	22.32
3"	3S80PVT	27.90
4"	4S80PVT	32.33
6"	6S80PVT	110.37
8"	8S80PVT	255.98



Tees
FIP x FIP

SIZE	STOCK NO	EACH
½"	12S80PVSCT	5.27
¾"	34S80PVSCT	5.86
1"	1S80PVSCT	12.94
1¼"	114S80PVSCT	13.72
1½"	112S80PVSCT	16.64
2"	2S80PVSCT	17.88



Tees
FIP x FIP - Special Reinforced

SIZE	STOCK NO	EACH
½"	12S80PVSRT	15.75
¾"	34S80PVSRT	17.32



Reducing Tee
Slip

SIZE	STOCK NO	EACH
3x2"	3X2S80PVT	25.46
4x3"	4X3S80PVT	41.14
6x4"	6X4S80PVT	110.37
8x6"	8X6S80PVT	255.98



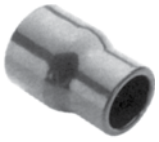
Cross
Slip

SIZE	STOCK NO	EACH
1½"	112S80PVX	39.81
2"	2S80PVX	44.34



Straight Couplings
Slip x Slip

SIZE	STOCK NO	EACH
½"	12S80PVC	2.92
¾"	34S80PVC	3.96
1"	1S80PVC	4.07
1¼"	114S80PVC	6.20
1½"	112S80PVC	6.69
2"	2S80PVC	7.18
2½"	212S80PVC	17.67
3"	3S80PVC	20.29
4"	4S80PVC	25.40
6"	6S80PVC	54.66
8"	8S80PVC	74.39



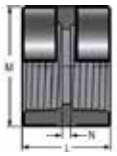
Reducer Coupling
Slip

SIZE	STOCK NO	EACH
1½x1"	112X1S80PVC	13.70
2x1"	2X1S80PVC	13.15
2x1½"	2X112S80PVC	12.51
3x2"	3X2S80PVC	30.73
4x2"	4X2S80PVC	61.57
4x3"	4X3S80PVC	57.89
6x4"	6X4S80PVC	118.09
8x6"	8X6S80PVC	357.65



Couplings
FIP x FIP

SIZE	STOCK NO	EACH
½"	12S80PVSCC	3.26
¾"	34S80PVSCC	4.68
1"	1S80PVSCC	5.01
1¼"	114S80PVSCC	6.20
1½"	112S80PVSCC	13.78
2"	2S80PVSCC	14.48



Couplings
FIP x FIP - Special Reinforced

SIZE	STOCK NO	EACH
½"	12S80PVSRC	6.01
¾"	34S80PVSRC	8.55



Female Spigot Adapter
Spigot x MIPT - Brass Transition

SIZE	STOCK NO	EACH
1"	1S80PVCFMA	8.72



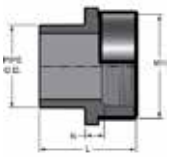
Male Adapter
Slip x MIP

SIZE	STOCK NO	EACH
½"	12S80PVMA	3.43
¾"	34S80PVMA	3.77
1"	1S80PVMA	6.53
1¼"	114S80PVMA	7.63
1½"	112S80PVMA	10.96
2"	2S80PVMA	15.86
3"	3S80PVMA	20.00
4"	4S80PVMA	35.59
6"	6S80PVMA	83.07



Female Adapter
Slip x FIP

SIZE	STOCK NO	EACH
½"	12S80PVFA	2.74
¾"	34S80PVFA	4.07
1"	1S80PVFA	6.00
1¼"	114S80PVFA	9.71
1½"	112S80PVFA	11.91
2"	2S80PVFA	20.78
2½"	212S80PVFA	32.80
3"	3S80PVFA	36.93
4"	4S80PVFA	63.48



Female Adapter
Slip x FIP - Special Reinforced

SIZE	STOCK NO	EACH
¾"	34S80PVSRFA	7.36



See Page 1231 for applicable cements and cleaners



Unions
Slip x Slip

SIZE	STOCK NO	EACH
½"	12S80PVU	5.87
¾"	34S80PVU	7.62
1"	1S80PVU	8.70
1¼"	114S80PVU	17.27
1½"	112S80PVU	19.56
2"	2S80PVU	26.51



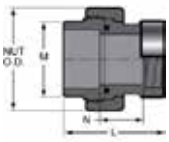
Unions
FIP x FIP

SIZE	STOCK NO	EACH
½"	12S80PVSCU	6.96
¾"	34S80PVSCU	9.75
1"	1S80PVSCU	12.95
1¼"	114S80PVSCU	24.72
1½"	112S80PVSCU	30.61
2"	2S80PVSCU	47.08



Union
Soc with Vitron® O-Ring Seal

SIZE	STOCK NO	EACH
½"	12S80PVUV	6.30
¾"	34S80PVUV	8.01
1"	1S80PVUV	9.14
1¼"	114S80PVUV	18.15
1½"	112S80PVUV	22.77
2"	2S80PVUV	27.86
2½"	212S80PVUV	44.62
3"	3S80PVUV	51.88
4"	4S80PVUV	72.26



Union
Socket - Special Reinforced

SIZE	STOCK NO	EACH
¾"	34S80PVSRU	18.55



Reducer Bushing Flush Style
Slip x Slip

SIZE	STOCK NO	EACH
¾x ½"	34X12S80PVB	.94
1 x ½"	1X12S80PVB	2.71
1 x ¾"	1X34S80PVB	2.71
1¼ x ½"	114X12S80PVB	4.24
1¼ x ¾"	114X34S80PVB	4.24
1¼ x 1"	114X1S80PVB	4.24
1½ x ½"	112X12S80PVB	5.77
1½ x ¾"	112X34S80PVB	5.77
1½ x 1"	112X1S80PVB	5.77
1½ x 1¼"	112X114S80PVB	5.77
2x½"	2X12S80PVB	8.21
2 x ¾"	2X34S80PVB	8.21
2 x 1"	2X1S80PVB	8.21
2 x 1¼"	2X114S80PVB	8.21
2 x 1½"	2X112S80PVB	8.21
2½ x 2"	212X2S80PVB	14.28
3x1½"	3X112S80PVB	22.65
3 x 2"	3X2S80PVB	22.65
3 x 2½"	3X212S80PVB	22.65
4 x 2"	4X2S80PVB	31.36
4 x 3"	4X3S80PVB	31.36
6x4"	6X4S80PVB	43.60
8x6"	8X6S80PVB	106.08



Reducer Bushing Flush Style
Slip x FIP

SIZE	STOCK NO	EACH
½ x ¼"	12X14S80PVFB	2.58
½ x ⅜"	12X38S80PVFB	2.72
¾ x ¼"	34X14S80PVFB	1.98
¾ x ½"	34X12S80PVFB	1.70
1 x ½"	1X12S80PVFB	2.71
1 x ¾"	1X34S80PVFB	2.71
1¼ x 1"	114X1S80PVFB	5.48
1½ x ½"	112X12S80PVFB	6.87
1½ x ¾"	112X34S80PVFB	6.87
1½ x 1"	112X1S80PVFB	6.87
1½ x 1¼"	112X114S80PVFB	6.87
2 x ½"	2X12S80PVFB	8.40
2 x ¾"	2X34S80PVFB	8.40
2 x 1"	2X1S80PVFB	8.40
2 x 1½"	2X112S80PVFB	8.40
2½ x 2"	212X2S80PVFB	17.78
3 x 1½"	3X112S80PVFB	34.61
3 x 2"	3X2S80PVFB	32.93
4 x 2"	4X2S80PVFB	50.58
4 x 3"	4X3S80PVFB	50.58



Reducer Bushing Flush Style
MIP x FIP

SIZE	STOCK NO	EACH
½ x ¼"	12X14S80PVMFB	5.89
¾ x ¼"	34X14S80PVMFB	4.39
¾ x ½"	34X12S80PVMFB	3.62
1 x ½"	1X12S80PVMFB	5.67
1 x ¾"	1X34S80PVMFB	5.67
1¼ x1"	114X1S80PVMFB	6.01
1½ x ¾"	112X34S80PVMFB	7.13
1½ x 1"	112X1S80PVMFB	7.13
1½ x1¼"	112X114S80PVMFB	7.13
2 x ¾"	2X34S80PVMFB	10.44
2 x1"	2X1S80PVMFB	10.44
2 x1½"	2X112S80PVMFB	10.44
3 x1½"	3X112S80PVMFB	19.21
3 x 2"	3X2S80PVMFB	19.21
4 x 2"	4X2S80PVMFB	38.77
4 x 3"	4X3S80PVMFB	50.58



Caps
Slip x Slip

SIZE	STOCK NO	EACH
½"	12S80PVCAP	2.86
¾"	34S80PVCAP	3.01
1"	1S80PVCAP	5.36
1¼"	114S80PVCAP	6.47
1½"	112S80PVCAP	6.47
2"	2S80PVCAP	12.77
2½"	212S80PVCAP	26.07
3"	3S80PVCAP	30.51
4"	4S80PVCAP	51.45
6"	6S80PVCAP	127.99
8"	8S80PVCAP	164.32



Caps
FIP x FIP

SIZE	STOCK NO	EACH
½"	12S80PVSCCAP	3.58
¾"	34S80PVSCCAP	4.01
1"	1S80PVSCCAP	5.05
1¼"	114S80PVSCCAP	6.01
1½"	112S80PVSCCAP	6.87
2"	2S80PVSCCAP	13.49



Plug
MIP

SIZE	STOCK NO	EACH
½"	12S80PVPL	2.90
¾"	34S80PVPL	3.00



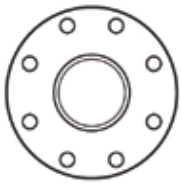
Flanges
4",6",8",10" & 12"-Van Stone
Slip to Flange

SIZE	STOCK NO	EACH
2"	2S80PVF	14.75
2½"	212S80PVF	22.77
3"	3S80PVF	25.16
4"	4S80PVF	31.82
6"	6S80PVF	50.06
8"	8S80PVF	81.52
10"	10S80PVF	220.69
12"	12S80PVF	237.93



Solid Flange
FIP to Flange

SIZE	STOCK NO	EACH
2"	2S80PVSCF	20.92

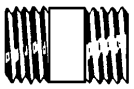


Blind Flange
- 1/2"–12" Molded - 150psi Maximum Internal Pressure Rating @ 73°F
- 14"–24" fabricated - 50psi Maximum Internal Pressure Rating @ 73°F

SIZE	STOCK NO	EACH
1½"	112S80PVBF	24.79
2"	2S80PVBF	37.04
2½"	212S80PVBF	60.34
3"	3S80PVBF	72.82
4"	4S80PVBF	90.73
6"	6S80PVBF	110.24
8"	8S80PVBF	137.99
12"	12S80PVBF	777.40

Neoprene Flange Gasket

SIZE	STOCK NO	EACH
2"	2PVFLGA	3.23
2½	212PVFLGA	4.16
3"	3PVFLGA	4.69
4"	4PVFLGA	6.46
6"	6PVFLGA	8.41



Nipples
Schedule 80

SIZE	STOCK NO	EACH
¼ x Cl	14XCPVNIP	1.31
½ x Cl.	12XCPVNIP	.86
½ x 2"	12X2PVNIP	.93
½ x 2½"	12X212PVNIP	.96
½ x 3"	12X3PVNIP	1.07
½ x 3½"	12X312PVNIP	1.07
½ x 4"	12X4PVNIP	1.17
½ x 4½"	12X412PVNIP	1.17
½ x 5"	12X5PVNIP	1.37
½ x 5½"	12X512PVNIP	1.37
½ x 6"	12X6PVNIP	1.55
¾ x Cl.	34XCPVNIP	.93
¾ x Sh.	34XSPVNIP	.93
¾ x 2"	34X2PVNIP	.96
¾ x 2½"	34X212PVNIP	.96
¾ x 3"	34X3PVNIP	1.13
¾ x 3½"	34X312PVNIP	1.13
¾ x 4"	34X4PVNIP	1.36
¾ x 4½"	34X412PVNIP	1.36
¾ x 5.	34X5PVNIP	1.60
¾ x 5½"	34X512PVNIP	1.03
¾ x 6"	34X6PVNIP	1.83
1 x Cl.	1XCPVNIP	1.36
1 x Sh.	1XSPVNIP	1.42
1 x 2½"	1X212PVNIP	.91
1 x 3"	1X3PVNIP	1.65
1 x 3½"	1X312PVNIP	1.65
1 x 4"	1X4PVNIP	1.94
1 x 4½"	1X412PVNIP	1.94
1 x 5"	1X5PVNIP	2.43
1 x 5½"	1X512PVNIP	2.43
1 x 6"	1X6PVNIP	2.67
1¼ x Cl.	114XCPVNIP	1.71
1¼ x Sh.	114XSPVNIP	1.81
1¼ x 2½"	114X212PVNIP	1.81
1¼ x 3.	114X3PVNIP	2.18
1¼ x 3½"	114X312PVNIP	2.18
1¼ x 4.	114X4PVNIP	2.50
1¼ x 4½"	114X412PVNIP	2.50
1¼ x 5.	114X5PVNIP	3.00
1¼ x 5½"	114X512PVNIP	3.00
1¼ x 6.	114X6PVNIP	3.33
1½ x Cl.	112XCPVNIP	2.14
1½ x Sh.	112XSPVNIP	2.29
1½ x 3.	112X3PVNIP	2.67
1½ x 4.	112X4PVNIP	3.06
1½ x 5.	112X5PVNIP	3.51
1½ x 6.	112X6PVNIP	3.99
2 x Cl.	2XCPVNIP	2.81
2 x Sh.	2XSPVNIP	3.14
2 x 3"	2X3PVNIP	3.33
2 x 3½"	2X312PVNIP	5.19
2 x 4"	2X4PVNIP	3.86
2 x 4½"	2X412PVNIP	4.54
2 x 5"	2X5PVNIP	4.54
2 x 5½"	2X512PVNIP	4.54
2 x 6"	2X6PVNIP	5.09
3 x Cl.	3XCPVNIP	9.15
3 x 3	3X3PVNIP	9.78
3 x 4	3X4PVNIP	11.57
3 x 5	3X5PVNIP	13.35
3 x 6	3X6PVNIP	14.99

PVC Socket True Union 2000 Ball Valves

LESS Lock-Out Handle

Pressure rating at 73°F, Water:
½" - 2" 235 psi.
2½" - 4" 150 psi.
EDPM O-Ring Seals.
Socket ends.

Not for use with compressed air or gas

SIZE	STOCK NO	EACH
½"	12PVBAVA	38.23
¾"	34PVBAVA	44.76
1"	1PVBAVA	52.84
1¼"	114PVBAVA	89.76
1½"	112PVBAVA	89.76
2"	2PVBAVA	119.71
Socket Ends		
2½"	212PVBAVA	167.92
3"	3PVBAVA	284.50
4"	4PVBAVA	490.96

PVC Union Ball Check Valves



Pressure rating at 73°F, Water:
½" - 2" 235 psi
Viton® O-Ring Seals
Threaded and Socket ends

Not for use with compressed air or gas

SIZE	STOCK NO	EACH
½"	12PVCV	56.32
¾"	34PVCV	62.89
1"	1PVCV	78.99
1¼"	114PVCV	116.12
1½"	112PVCV	131.88
2"	2PVCV	180.39

PVC Union Ball Check Valves

Pressure rating at 73°F, Water:
2½" - 4" 150 psi
Viton® O-Ring Seals
Socket ends

Not for use with compressed air or gas

SIZE	STOCK NO	EACH
2½"	212PVSCV	378.39
3"	3PVSCV	437.20
4"	4PVSCV	502.92

Series 2132 PVC Compact Ball Valves



Pressure rating at 73°F, Water:
½" - 2" 235 psi
Viton® O-Ring Seals
Socket ends

Not for use with compressed air or gas

SIZE	STOCK NO	EACH
½"	12PVCBAVA	16.09
¾"	34PVCBAVA	19.98
1"	1PVCBAVA	23.82
1¼"	114PVCBAVA	34.65
1½"	112PVCBAVA	44.25
2"	2PVCBAVA	59.67

Series 2622 PVC Utility Ball Valves



Pressure rating at 73°F, Water:
½" - 6" 150 psi
EPDM O-Ring Seals
Slip x slip

Not for use with compressed air or gas

SIZE	STOCK NO	EACH
½"	12PVUBAVA	2.97
¾"	34PVUBAVA	3.69
1"	1PVUBAVA	5.22
1¼"	114PVUBAVA	8.44
1½"	112PVUBAVA	21.01
2"	2PVUBAVA	18.01

PVC Standard Butterfly Valve



Pressure rating at 73° F
Water: ½" - 12" • 150 psi
Wafer Style. Thru going bolts.
EPDM O-Ring Seal. Lever Handle type

Not for use with compressed air or gas

SIZE	STOCK NO	EACH
4"	4PVBFVA	232.62
6"	6PVBFVA	344.38
8"	8PVBFVA	585.30

True Lug Available from Factory

PVC Slice Gate Valves



Stainless steel shaft, Santoprene™ seals, Max working pressure is 15 psi, three piece allows for repair or can be used as union. Slip x slip, Metal handle.

SIZE	STOCK NO	EACH
1½"	112SLGAVA	11.33
2"	2SLGAVA	17.67
3"	3SLGAVA	22.77
4"	4SLGAVA	96.82

Weld-On® P-68 Primer



For PVC & CPVC Pipe & Fittings
Quality low VOC primer for proper softening and preparation of PVC and CPVC pipe and fitting surfaces.
NSF and UPC Listed.
Use Purple where code calls for verification.

DESCRIPTION	STOCK NO	EACH
Purple Pint	PTPVPUPRN	14.95
Purple Quart	QTPVPUPRN	24.30
Purple Gallon	GAPVPUPRN	90.76
Clear Pint	PTPVPRN	17.99
Clear Quart	QTPVPRN	25.12

P-75 Wet 'R Dry Primer



For PVC & CPVC Pipe & Fittings
An aqua blue, very fast acting, primer for use with 725 (Wet 'R Dry) or other Weld-On PVC sovent cements.
NSF Listed.

DESCRIPTION	STOCK NO	EACH
½ Pint	12PTPVWNFPR	18.67

Weld-On® P-70 Primer



For PVC & CPVC Pipe & Fittings
Premium, industrial strength, low VOC primer for softening and preparation of PVC and CPVC pipe and fitting surfaces. Recommended fo Schsdule 80 and large size pipe.
NSF and UPC Listed.
Use Purple where code calls for verification.

DESCRIPTION	STOCK NO	EACH
Purple Quart	QTIGPUPRN	51.15
Clear Quart	QTIGCLPR	51.15

Applicators



Cap Dauber

SIZE	STOCK NO	EACH
DQ50, or Quart sized cans. No. 11831		
½"	IPS11831	1.28
DQ-150, for up to 3" Pipe Diameter		
1½"	CACAWBR	1.35

Gallon Wide Mouth Cap w/Swab



No 4020 Cap only.

STOCK NO	EACH
GACAROAP	19.56

Quart Can Cap with 4" Swab



No 5020 Cap only, for 3-8" dia. pipe.

STOCK NO	EACH
IPS12071	15.57

SuperSwab



4" swab for pipe diameter from 4" through 8"

STOCK NO	EACH
Swab & Handle	
IPS14108	18.81

No. 780 Regular low-VOC PVC Cement



Regular-bodied fast-setting clear cement for use on PVC pipe and fittings up to 4 inches in diameter (except schd. 80). Also for PVC foamcore pipe.
NSF and UPC Listed.

SIZE	STOCK NO	EACH
4 oz.	14PTPVCE	5.90
8 oz.	12PTPVCE	9.16
Pint	PTPVCE	15.70
Quart	QTPVCE	27.75
Gallon	GAPVCE	98.89

No. 781 Medium low-VOC PVC Cement



Medium-bodied fast-setting clear cement for up to 6" diameter PVC pipe and fittings (Schd. 80 up to 4"). Also for PVC foamcore pipe.
NSF and UPC Listed.

SIZE	STOCK NO	EACH
Pint	PTPVMCE	16.56
Quart	QTPVMCE	18.74

No. 782 Heavy-Duty low-VOC PVC Cement



Heavy-bodied medium-setting clear cement for all classes and schedules of PVC pipe and fittings up to 12" in diameter. Helps fill gaps in larger diameter pipe and loose fitting joints.
NSF and UPC Listed.

DESCRIPTION	STOCK NO	EACH
Pint	PTPVHDCE	15.13
Quart	QTPVHDCE	27.24
Gallon	GAPVHDCE	94.51

No. 790 Multi-Purpose Cement for PVC and CPVC Pipe and Fittings



Medium bodied, fast setting, low VOC multi-purpose cement for all classes & schedules with interference fit through 6" diameter, Sch. 80 through 4" diameter.

SIZE	STOCK NO	EACH
Pint	PTALPUCE	32.15

Oatey

oatey.com

Un-Purple Primer



For PVC & CPVC Pipe & Fittings
Primer appears clear. Purple color revealed only under a UV light.
NSF Listed. (NOT MN approved)

DESCRIPTION	STOCK NO	EACH
Pint	PTPVUNPUPRN	21.19
Quart	QTPVUNPUPRN	35.09

Orange Lava™



Hot CPVC Cut-In Cement
Fast curing cement designed for cut-in and repair jobs that require minimal down-time in all weather climates.
No primer necessary if local codes permit.
NSF and UPC Listed.

DESCRIPTION	STOCK NO	EACH
8oz	12PTCPVCOLCE	17.55

No. 727 Hot 'R Cold low VOC PVC Cement



Medium-bodied, very fast setting, clear cement for use on all Rigid/Flexible PVC pipe and fittings up to 6" or Schd. 80 up to 4" in diameter. Cold weather performance to -15°F.
NSF and UPC Listed.

DESCRIPTION	STOCK NO	EACH
Pint	PTPVCWCE	15.31
Quart	QTPVCWCE	22.42
Gallon	GAPVCWCE	134.93

No. 735 Wet 'N Fast low VOC PVC Cement



For all Rigid/Flexable PVC pipe and fittings up to 6" diameter, Schd. 80 up to 4". For wet conditions and/or quick pressurization conditions; Extremely fast setting.
No primer necessary if local codes permit.
NSF and UPC Listed.

DESCRIPTION	STOCK NO	EACH
Half Pint	12PTPVWNFCE	17.29
Pint	PTPVWNFCE	29.60

No. 711 Industrial low VOC PVC Cement



Heavy Bodied, medium setting. For use on all classes and schedules of PVC pipe and fittings up to 12" in diameter. Gray color.
NSF, UPC and CSA Listed.

DESCRIPTION	STOCK NO	EACH
Pint	PTPVFSHDCE	34.24
Quart	QTPVFSHDCE	58.19
Gallon	GAPVFSHDCE	194.73
No. 719 Extra Heavy Duty with Paint Can Top		
Gallon	GAPVXHCE	236.93

Extra heavy bodied, slow setting, gray PVC cement for all classes and schedules with interference fit through 30" in diameter.
NSF, UPC and CSA Listed.

(18)

Weld-On 810 Kit



Two-component, high strength, low-VOC reactive adhesive.
For fabricating and repairing PVC pipe, fittings and joining saddles to pipe. Also bonds PVC, CPVC, ABS, styrene, FRP (fiberglass reinforced polyester), metals, concrete, clay and other materials to themselves or to dissimilar materials.

DESCRIPTION	STOCK NO	EACH
4 oz.	4OZ810	46.54



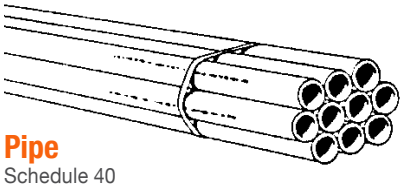
See Page 1203
for ABS & Transition
Cements/All purpose Cleaners

Chemical Pipe and Fittings (50)

Orion

orionfittings.com

- Made of fire retardant polypropylene.
- Designed for the conveyance of aggressive liquid chemical wastes under gravity flow conditions.
- All plastic construction.
- No metal in the joint.



Pipe

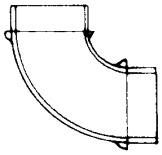
Schedule 40
10' Lengths only

PIPE SIZE	STOCK NO	PER FOOT
1½"	112X10PP	32.05
2"	2X10PP	40.79
3"	3X10PP	72.43
4"	4X10PP	102.40



¼ Bend

SIZE	STOCK NO	EACH
1½"	112PPL	54.32
2"	2PPL	62.64
3"	3PPL	172.74
4"	4PPL	308.02



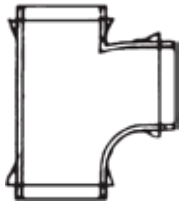
Long Sweep ¼ Bend

SIZE	STOCK NO	EACH
1½"	112PPLSL	145.69
2"	2PPLSL	246.42



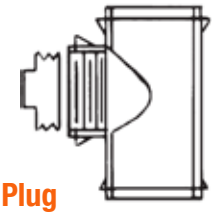
⅛ Bend

SIZE	STOCK NO	EACH
1½"	112PP45L	47.87
2"	2PP45L	59.31
3"	3PP45L	153.59
4"	4PP45L	268.89



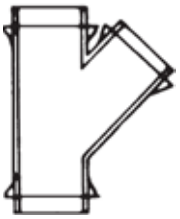
Sanitary Tee

SIZE	STOCK NO	EACH
1½"	112PPST	169.41
2"	2PPST	264.73
3"	3PPST	395.85
4"	4PPST	646.01
2x1½"	2X112PPST	117.38
3x2"	3X2PPST	281.80
3x1½"	3X112PPST	273.06
4x2"	4X2PPST	436.64
4x3"	4X3PPST	422.07



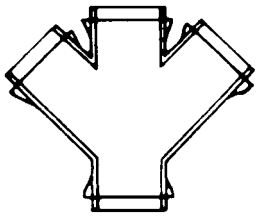
Cleanout Tee with Plug

SIZE	STOCK NO	EACH
1½"	112PPCOT	146.10
2"	2PPCOT	228.32
3"	3PPCOT	316.76



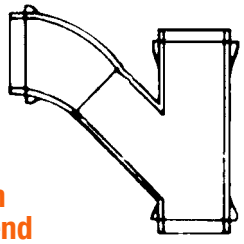
45 Wye

SIZE	STOCK NO	EACH
1½"	112PPY	47.87
2"	2PPY	79.09
3"	3PPY	236.84
4"	4PPY	362.55
2x1½"	2X112PPY	111.55
3x1½"	3X112PPY	308.02
3x2"	3X2PPY	317.59
4x2"	4X2PPY	509.07
4x3"	4X3PPY	524.05



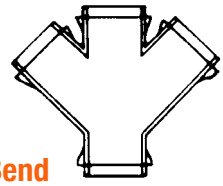
Double Wye

SIZE	STOCK NO	EACH
1½"	112PPDY	400.01
2"	2PPDY	696.79
2x1½"	2X112PPDY	693.46
3x2"	3X2PPDY	603.14



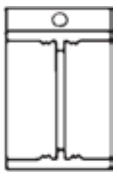
Combination Wye & ⅛ Bend

SIZE	STOCK NO	EACH
1½"	112PPLTY	156.92
2"	2PPLTY	171.08
3"	3PPLTY	419.16
2x1½"	2X112PPLTY	172.74
3x1½"	3X112PPLTY	569.01
3x2"	3X2PPLTY	470.36
4x2"	4X2PPLTY	738.83



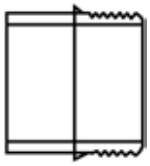
Combination Double Wye & ⅛ Bend

SIZE	STOCK NO	EACH
2"	2PPDLTY	696.79



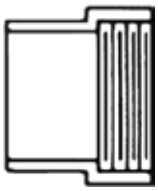
Coupling

SIZE	STOCK NO	EACH
1½"	112PPC	43.29
2"	2PPC	51.61
3"	3PPC	73.26
4"	4PPC	98.65



Male Adapter

SIZE	STOCK NO	EACH
1½"	112PPMA	62.64
2"	2PPMA	57.65



Female Adapter

SIZE	STOCK NO	EACH
1½"	112PPFA	91.57
2"	2PPFA	63.89



MJ Adapter

SIZE	STOCK NO	EACH
1½"	112PPSA	150.68



"P" Trap

Full Drop Union Connection

SIZE	STOCK NO	EACH
2"	2PPUPT	497.41



"P" Trap

SIZE	STOCK NO	EACH
1½"	112PPPT	515.73
2"	2PPPT	458.29
3"	3PPPT	952.37



Sink Outlet with Plug

SIZE	STOCK NO	EACH
Black 1½ x 3⅜"	112PPSO	225.26



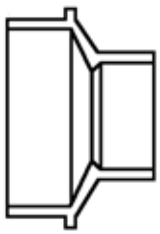
Cleanout Adapter with Plug

SIZE	STOCK NO	EACH
1½"	112PPCOP	150.68
2"	2PPCOP	160.67
3"	3PPCOP	273.06
4"	4PPCOP	417.08



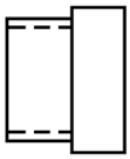
Sink Tailpiece Extension

SIZE	STOCK NO	EACH
1½ x 12"	112RLNSX12	278.88



Reducing Bushing

SIZE	STOCK NO	EACH
2 x 1½"	2X112PPC	81.79
3 x 1½"	3X112PPC	91.57
3 x 2"	3X2PPC	100.73
4 x 2"	4X2PPC	196.05
4 x 3"	4X3PPC	208.95



MJ Cap

No coupling included

SIZE	STOCK NO	EACH
1½"	112PPCAP	139.44
2"	2PPCAP	225.60
3"	3PPCAP	261.40
4"	4PPCAP	279.72

Grooving Tool & Spanner

SIZE	STOCK NO	EACH
1½"	112PPTO	744.16
2"	2PPTO	749.71
3"	3PPTO	1430.98
4"	4PPTO	1318.13

LabWaste®
CPVC Corrosive Waste Drainage System

Chemical Pipe and Fittings (00)

Spears® LabWaste®

spearsmfg.com

Spears® LabWaste® CPVC pipe and fittings are NSF® Certified for Corrosive Waste Use & Listed to ASTM F 2618 Specification for CPVC Pipe & Fittings for Chemical Waste Drainage Systems. Meets 25/50 Flame & Smoke Requirement for use in Return Air Plenums. Non-Pressure Drainage Service to 220° F. Specially Formulated One-Step Solvent Cement Provides Chemical Resistance Equal to System Pipe & Fittings.



Pipe

Schedule 40

10' Lengths only

SIZE	STOCK NO	PIPE PER FOOT
1½"	112X10LW	9.54
2"	2X10LW	12.92
3"	3X10LW	23.33
4"	4X10LW	33.13
6"	6X10LW	59.80



Couplings

SIZE	STOCK NO	EACH
1½"	112LWC	25.35
2"	2LWC	31.64
3"	3LWC	40.50
4"	4LWC	57.63
6"	6LWC	91.33
Reducing		
2" x 1½"	2X112LWC	49.62
3" x 1½"	3X112LWC	52.37
3" x 2"	3X2LWC	57.63
4" x 2"	4X2LWC	63.34
4" x 3"	4X3LWC	69.09
6" x 4"	6X4LWC	116.85



Female Adapter

SIZE	STOCK NO	EACH
1½"	112LWFA	19.95
2"	2LWFA	27.17
3"	3LWFA	44.85
4"	4LWFA	86.19
6"	6LWFA	144.39



Cleanout Adapter with Square Head Plug

SIZE	STOCK NO	EACH
1½"	112LWCOA	21.00
2"	2LWCOA	24.75
3"	3LWCOA	45.68
4"	4LWCOA	78.57
6"	6LWCOA	135.91



"P" Trap

Solvent Weld

SIZE	STOCK NO	EACH
1½"	112LWWPT	63.28
2"	2LWWPT	88.32
3"	3LWWPT	160.31
4"	4LWWPT	284.96



¼ Bend

SIZE	STOCK NO	EACH
1½"	112LWL	32.46
2"	2LWL	40.34
3"	3LWL	68.48
4"	4LWL	108.95
6"	6LWL	281.93



¼ Bend

Street Ell

SIZE	STOCK NO	EACH
1½"	112LWSL	38.11
2"	2LWSL	48.36
3"	3LWSL	64.76
4"	4LWSL	102.87
6"	6LWSL	249.63



Long Sweep ¼ Bend

SIZE	STOCK NO	EACH
1½"	112LWLRL	33.59
2"	2LWLRL	45.78
3"	3LWLRL	78.33
4"	4LWLRL	112.57
6"	6LWLRL	361.87



⅛ Bend

SIZE	STOCK NO	EACH
1½"	112LW45L	31.88
2"	2LW45L	38.85
3"	3LW45L	71.29
4"	4LW45L	80.81
6"	6LW45L	236.00



⅛ Bend

Street Ell

SIZE	STOCK NO	EACH
1½"	112LWS45L	24.15
2"	2LWS45L	27.44
3"	3LWS45L	60.80
4"	4LWS45L	62.40
6"	6LWS45L	224.20



LabWaste® One-Step CPVC Cement

SIZE	STOCK NO	EACH
Quart	QTLWCE	110.40



Sanitary Tees

SIZE	STOCK NO	EACH
1½"	112LWST	40.34
2"	2LWST	48.29
3"	3LWST	96.65
4"	4LWST	144.78
6"	6LWST	410.22
Reducing		
2 x 1½ x 1½"	2X112X112LWST	48.21
2 x 2 x 1½"	2X112LWST	48.21
2 x 1½ x 2"	2X112X2LWST	50.38
3 x 3 x 1½"	3X112LWST	83.91
3 x 3 x 2"	3X2LWST	90.20
4 x 4 x 2"	4X2LWST	129.36
4 x 4 x 3"	4X3LWST	135.15
6 x 6 x 4"	6X4LWST	337.93



Cleanout Tee with Square Head Plug

SIZE	STOCK NO	EACH
1½"	112LWCOT	48.01
2"	2LWCOT	53.03
3"	3LWCOT	111.21
4"	4LWCOT	151.47
6"	6LWCOT	409.07



45 Wye

SIZE	STOCK NO	EACH
1½"	112LWY	41.10
2"	2LWY	57.66
3"	3LWY	102.77
4"	4LWY	149.79
6"	6LWY	380.28
Reducing		
2 x 1½ x 1½"	2X112X112LWY	58.39
2 x 2 x 1½"	2X112LWY	57.66
2 x 1½ x 2"	2X112X2LWY	57.66
3 x 3 x 1½"	3X112LWY	88.49
3 x 3 x 2"	3X2LWY	95.79
4 x 4 x 2"	4X2LWY	137.89
4 x 4 x 3"	4X3LWY	143.78
6 x 6 x 4"	6X4LWY	246.94



Combination Wye & ⅛ Bend

SIZE	STOCK NO	EACH
1½"	112LWLTY	53.65
2"	2LWLTY	71.61
2x1½"	2X112LWLTY	64.47

Geothermal Tubing and Fittings (08b)

Cenfuse Geothermal pipe by Centennial Plastics. HDPE & Earthloops with "patented" bullet U bend fittings for heat pump systems. Centennial Geothermal pipe is certified by NSF to meet it's highest standards for polyethylene NSF standard 14.



Geothermal Tubing

Coils • SDR11 • 200 PSI • For Horiz. use @ 6' Depth

PIPE SIZE	STOCK NO	PER FOOT
3/4" x 600'	34X600GEO	.60
3/4" x 800'	34X800GEO	.60
1 1/4" x 100'	114X100GEO	1.43
1 1/4" x 200'	114X200GEO	1.43
1 1/4" x 300'	114X300GEO	1.43
2" x 300'	2X300GEO	2.26
Earth Loops		
3/4" x 310'	34X310GEO	.73
1" x 310'	1X310GEO	1.05
3/4" x 370'	34X370GEO	.70
3/4" x 410'	34X410GEO	.69
1" x 410'	1X410GEO	1.02
3/4" x 510'	34X510GEO	.67
3/4" x 810'	34X810GEO	.65
20' Lengths • SDR11 • 160 PSI		
3/4" x 20	34X20GEO	.60
1" x 20'	1X20GEO	.93
1 1/4" x 20	114X20GEO	1.43
2" x 20'	2X20GEO	2.26
3" x 20'	3X20GEO	4.42
4" x 20'	4X20GEO	7.30



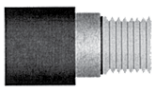
Geothermal U-Bend

With Fusion Coupling

PIPE SIZE	STOCK NO	EACH
3/4"	34GEOUB	68.75
1"	1GEOUB	68.75

Geothermal Male Adapters

Socket Fusion x MPT



SIZE	STOCK NO	EACH
1"	1GEOMA	24.96
1 1/4"	114GEOMA	48.13
2"	2GEOMA	74.81
Reducing		
1" x 3/4"	1X34GEOMA	24.27
1 1/4" x 1"	114X1GEOMA	26.32

Geothermal Outlet Manifold



1 1/4" x 3/4"

DESCRIPTION	STOCK NO	EACH
3 outlet	3OUGEOMA	25.23
4 outlet	4OUGEOMA	31.09
5 outlet	5OUGEOMA	42.74
6 outlet	6OUGEOMA	58.39
7 outlet	7OUGEOMA	70.95

Geothermal Couplings

Socket Fusion



SIZE	STOCK NO	EACH
3/4"	34GEOC	2.69
1"	1GEOC	2.97
1 1/4"	114GEOC	3.55
2"	2GEOC	4.82
Reducing		
1" x 3/4"	1X34GEOC	5.01
1 1/4" x 3/4"	114X34GEOC	5.32
1 1/4" x 1"	114X1GEOC	5.35
2' x 1"	2X1GEOC	8.87
2' x 1 1/4"	2X114GEOC	9.06



Geothermal Ells

Socket Fusion

SIZE	STOCK NO	EACH
3/4"	34GEOL	3.78
1"	1GEOL	4.32
1 1/4"	114GEOL	6.24
2"	2GEOL	15.12
Reducing		
1" x 3/4"	1X34GEOL	4.58
1 1/4" x 3/4"	114X34GEOL	4.76



Geothermal Tees

Socket Fusion

SIZE	STOCK NO	EACH
3/4"	34GEOT	4.73
1"	1GEOT	6.12
1 1/4"	114GEOT	9.10
2"	2GEOT	18.14
Reducing		
1 1/4" x 3/4" x 3/4"	114X34X34GEOT	9.02
1 1/4" x 1 1/4" x 3/4"	114X34GEOT	9.02
2" x 2" x 3/4"	2X34GEOT	20.79



Geothermal Caps

Socket Fusion

SIZE	STOCK NO	EACH
3/4"	34GEOCAP	3.87
1"	1GEOCAP	4.28
1 1/4"	114GEOCAP	5.23
2"	2GEOCAP	6.60



Geothermal Clip

PIPE SIZE	STOCK NO	EACH
3/4"	34GEOCLIP	4.78
1"	1GEOCLIP	4.78

(40)

Heater Bushing Sockets

For HPDE/Geothermal

SIZE	STOCK NO	EACH
1/2" IPS	95305000	84.20
3/4" IPS	95305010	84.20
1" IPS	95305020	84.20
1 1/4" IPS	95305030	110.88
1 1/2" IPS	95305040	110.88
2" IPS	95305050	110.88
3" IPS	95305060	334.03
4" IPS	95305070	454.75



(41)

Geothermal Socket Fusion Kit

PIPE SIZE	STOCK NO	EACH
3/4" — 2"	48CPT2K	3144.94

Chamfering Tool on Page 1221

PP-RCT Pipe and Fittings (08C)
Niron • Socket Fusion



RCT Piping

SIZE	STOCK NO	PER FOOT
SDR 7.4 at 50°F - 480 psi or at 203°F - 120 psi		
½"	27TNIRCL2073	1.21
¾"	27TNIRCL2573	1.81
1"	27TNIRCL3273	3.03
1¼"	27TNIRCL4073	4.64
1½"	27TNIRCL5073	7.66
2"	27TNIRCL6373	11.49
2½"	27TNIRCL7573	16.93
3"	27TNIRCL9073	23.38
4"	27TNIRCL12573	40.32
6"	27TNIRCL16073	52.41
SDR 9 at 50°F - 380 psi or at 203°F - 96 psi		
1"	27TNIRCL329	2.06
1½"	27TNIRCL509	4.94
2"	27TNIRCL639	8.02
6"	27TNIRCL1609	32.98
SDR 11 at 50°F - 300 psi or at 203°F - 75 psi		
1¼"	27TNIRCL4011	2.57
1½"	27TNIRCL5011	4.23
2"	27TNIRCL6311	6.86
2½"	27TNIRCL7511	9.88
3"	27TNIRCL9011	13.91
4"	27TNIRCL12511	23.38
6"	27TNIRCL16011	26.21
8"	27TNIRCL20011	42.13
10"	27TNIRCL25011	65.72
12"	27TNIRCL31511	101.20
SDR 17 at 50°F - 190 psi or at 203°F - 48 psi		
2"	27TNIRCL6317	6.05
2½"	27TNIRCL7517	8.87
3"	27TNIRCL9017	12.90
4"	27TNIRCL12517	17.13
6"	27TNIRCL16017	21.97
8"	27TNIRCL20017	35.08
10"	27TNIRCL25017	54.83
12"	27TNIRCL31517	84.27





90° Elbow
Socket Fusion — **Butt Fusion**

SIZE	STOCK NO	EACH
½"	27NG20	1.53
¾"	27NG25	1.93
1"	27NG32	2.83
1¼"	27NG40	4.35
1½"	27NG50	9.36
2"	27NG63	14.39
2½"	27NG75	31.97
3"	27NG90	53.02
4"	27NG125	114.91
90° Elbow Butt Weld Fittings - Long Spigot SDR 7.4		
2"	27NG907363MM	24.19
2½"	27NG907375MM	40.32
3"	27NG907390MM	64.51
4"	27NG9073125MM	116.92
6"	27NG9073160MM	161.27
90° Elbow Butt Weld Fittings - Long Spigot SDR 11		
4"	27NG9011125MM	92.73
6"	27NG9011160MM	120.95
8"	27NG9011200MM	225.78
10"	27NG9011250MM	314.47
12"	27NG9011315MM	733.04
14" - 24" Butt Fusion Sizes	Call for Pricing	





45° Elbow
Socket Fusion — **Butt Fusion**

SIZE	STOCK NO	EACH
½"	27NC4520	1.53
¾"	27NC4525	1.93
1"	27NC4532	2.83
1¼"	27NC4540	4.35
1½"	27NC4550	9.36
2"	27NC4563	14.11
2½"	27NC4575	31.65
3"	27NC4590	56.44
4"	27NC45125	120.95
45° Elbow Butt Weld Fittings - Long Spigot SDR 7.4		
3"	27NC457390MM	64.51
4"	27NC4573125MM	116.92
6"	27NC4573160MM	145.14
45° Elbow Butt Weld Fittings - Long Spigot SDR 11		
4"	27NC4511125MM	92.73
6"	27NC4511160MM	129.02
8"	27NC4511200MM	217.71
10"	27NC4511250MM	290.28
12"	27NC4511315MM	866.32
14" - 24" Butt Fusion Sizes	Call for Pricing	



Reducing Tee
Socket Fusion

SIZE	STOCK NO	EACH
¾ x ½ x ½"	27NTR252020	2.83
¾ x ¾ x ½"	27NTR252025	2.83
¾ x ½ x ¾"	27NTR252520	2.83
¾ x ¾ x 1"	27NTR253225	3.63
1 x ½ x ½"	27NTR322020	3.63
1 x ¾ x ½"	27NTR322025	3.63
1 x 1 x ½"	27NTR322032	3.63
1 x ¾ x ¾"	27NTR322525	3.63
1 x 1 x ¾"	27NTR322532	3.63
1 x ¾ x 1"	27NTR323225	3.63
1¼ x 1¼ x ½"	27NTR402040	5.44
1¼ x 1¼ x ¾"	27NTR402540	5.44
1¼ x 1¼ x 1"	27NTR403240	5.44
1½ x 1½ x ½"	27NTR502050	15.52
1½ x 1½ x ¾"	27NTR502550	15.52
1½ x 1½ x 1"	27NTR503250	15.52
1½ x 1½ x 1¼"	27NTR504050	15.52
2 x 2 x ¾"	27NTR632563	20.96
2 x 2 x 1"	27NTR633263	20.96
2 x 2 x 1¼"	27NTR634063	20.96
2 x 2 x 1½"	27NTR635063	20.96
2½ x 2½ x 1"	27NTR753275	34.27
2½ x 2½ x 1¼"	27NTR754075	34.27
2½ x 2½ x 1½"	27NTR755075	34.27
2½ x 2½ x 2"	27NTR756375	34.27
3 x 3 x 1½"	27NTR905090	68.95
3 x 3 x 2"	27NTR906390	68.95
3 x 3 x 2½"	27NTR907590	68.95
4 x 4 x 2"	27NTR12563125	124.98
4 x 4 x 2½"	27NTR12575125	124.98
4 x 4 x 3"	27NTR12590125	124.98



Stub Flange
Socket Fusion

SIZE	STOCK NO	EACH
1" with ring gasket	27NCOSA32	4.84
1¼" with ring gasket	27NCOSA40	5.64
1½" with ring gasket	27NCOSA50	9.07
2" with ring gasket	27NCOSA63	10.08
2½" with ring gasket	27NCOSA75	14.31
3"	27NCOSA90*	29.03
4"	27NCOSA125*	72.57

***Requires Flat Full Face Gasket**





90° Tee
Socket Fusion

SIZE	STOCK NO	EACH
½"	27NT20	2.06
¾"	27NT25	2.83
1"	27NT32	3.59
1¼"	27NT40	6.05
1½"	27NT50	15.52
2"	27NT63	22.18
2½"	27NT75	37.50
3"	27NT90	62.09
4"	27NT125	124.98
Tee Butt Weld Fittings - Long Spigot SDR 7.4		
2"	27NT7363MM	32.25
2½"	27NT7375MM	60.48
3"	27NT7390MM	88.70
4"	27NT73125MM	120.95
6"	27NT73160MM	169.33
Tee Butt Weld Fittings - Long Spigot SDR 11		
4"	27NT11125MM	116.92
6"	27NT11160MM	145.14
8"	27NT11200MM	290.28
10"	27NT11250MM	476.48
12"	27NT11315MM	886.31
14" - 24" Butt Fusion Sizes	Call for Pricing	





Female Threaded Tee
With NPT Lead Free Brass - Socket Fusion

SIZE	TYPE	STOCK NO	EACH
½" x ½" NPT	A	27NTF2012NPT	8.06
¾" x ½" NPT	A	27NTF2512NPT	8.06
¾" x ¾" NPT	A	27NTF2534NPT	11.00
1" x ½" NPT	B	27NTF3212NPT	11.00
1" x ¾" NPT	B	27NTF3234NPT	12.46
1" x 1" NPT	B	27NTF321NPT	20.16



Stub Flange
Long Spigot End

SIZE	STOCK NO	EACH
SDR 7.4 - Butt Weld, can be used with Electrofusion		
2"	27NCRT6373	24.19
2½"	27NCRT7573	32.25
3"	27NCRT9073	36.29
4"	27NCRT12573	88.70
6"	27NCRT16073	96.76
SDR 11 - Butt Weld, can be used with Electrofusion		
2"	27NCRT6311	14.51
2½"	27NCRT7511	20.16
3"	27NCRT9011	29.03
4"	27NCRT12511	52.41
5"	27NCRT12511A5LS*	62.31
6"	27NCRT16011	70.56
8"	27NCRT20011	213.68
10"	27NCRT25011	278.19
12"	27NCRT31511	526.46
14" - 24" Butt Fusion Sizes	Call for Pricing	

***5" Use Ring 00FLAACPP1255A5**

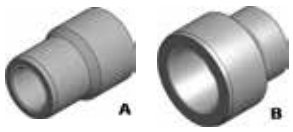
PP-RCT Pipe and Fittings (08C)

Niron • Socket Fusion

nupiamericas.com

Reducer

Socket Fusion



SIZE	TYPE	STOCK NO	EACH
¾ x ½"	A	27NR2520	1.57
1 x ½"	B	27NR3220	2.02
1 x ¾"	A	27NR3225	2.02
1¼ x ½"	B	27NR4020	3.23
1¼ x ¾"	B	27NR4025	3.23
1¼ x 1"	A	27NR4032	3.23
1½ x ½"	B	27NR5020	5.24
1½ x ¾"	B	27NR5025	5.24
1½ x 1"	B	27NR5032	5.24
1½ x 1¼"	A	27NR5040	5.24
2 x ¾"	B	27NR6325	10.68
2 x 1"	B	27NR6332	10.68
2 x 1¼"	B	27NR6340	10.68
2 x 1½"	A	27NR6350	10.68
2½ x ½"	B	27NR7520	12.10
2½ x ¾"	B	27NR7525	12.10
2½ x 1"	B	27NR7532	12.10
2½ x 1¼"	B	27NR7540	12.10
2½ x 1½"	B	27NR7550	12.10
2½ x 2"	A	27NR7563	12.10
3 x 2"	C	27NR9063	26.81
3 x 2½"	A	27NR9075	26.81
4 x 3"	C	27NR12590	65.31

Male Concentric Reducer - Long Spigot SDR 9
Butt Weld or can be used with Electrofusion

4 x 2"	27NR125639MM	108.05

Male Concentric Reducer - Long Spigot SDR 11
Butt Weld or can be used with Electrofusion

4 x 2½"	27NR1257511MM	65.31
4 x 3"	27NR1259011MM	65.31
6 x 4"	27NR16012511MM	72.57
8 x 6"	27NR20016011MM	75.80

Other sizes and SDR's available . . . Call for Pricing

Sidewall Welding Socklets

With Socket Fusion Outlets



OUTLET	MAIN PIPE	STOCK NO	EACH
½"	1¼"	27NGS2040	4.03
½"	1½"	27NGS2050	4.03
½"	2"-2½"	27NGS206375	5.64
½"	3"-4"	27NGS2090110125	8.06
½"	6"-8"	27NGS20160200	10.08
½"	10"-12"	27NGS20250315	12.10
¾"	1¼"	27NGS2540	4.03
¾"	1½"	27NGS2550	4.03
¾"	2"-2½"	27NGS256375	5.64
¾"	3"-4"	27NGS2590110125	8.06
¾"	6"-8"	27NGS25160200	10.08
¾"	10"-12"	27NGS25250315	12.10
1"	2"-2½"	27NGS326375	5.64
1"	3"-4"	27NGS3290110125	8.06
1"	6"-8"	27NGS32160200	10.08
1"	12"-10"	27NGS32250315	12.10
1¼"	3"	27NGS4090	8.06
1¼"	4"	27NGS40125	8.06
1¼"	6"-8"	27NGS40160200	10.08
1¼"	10"-12"	27NGS40250315	20.96
1½"	3"	27NGS5090	14.51
1½"	4"	27NGS50125	14.51
1½"	6"	27NGS50160	20.96
1½"	8"	27NGS50200	27.42
1½"	10"	27NGS50250	32.25
2"	4"	27NGS63125	14.51
2"	6"	27NGS63160	20.96

Available up to 4" outlet on 8"-24" Main Pipe. . . . . Call for Pricing

Sidewall Female Welding Socklets

With NPT Lead Free Brass - Side Fusion

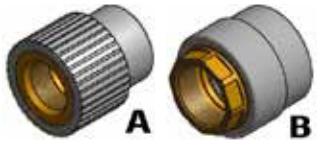


SIZE	THREAD	STOCK NO	EACH
2"-2½"	½"	27NGSF126375NPT	12.46
3"-4"	½"	27NGSF1290110125NPT	12.46
6"-8"	½"	27NGSF12160200NPT	12.46
10"-12"	½"	27NGSF12250315NPT	12.46
2"-2½"	¾"	27NGSF346375NPT	18.33
3"-4"	¾"	27NGSF3490110125NPT	18.33
6"-8"	¾"	27NGSF34160200NPT	18.33
10"-12"	¾"	27NGSF34250315NPT	18.33
2"-2½"	1"	27NGSF016375NPT	29.32
3"-4"	1"	27NGSF0190110125NPT	29.32
6"-8"	1"	27NGSF01160200NPT	29.32
10"-12"	1"	27NGSF01250315NPT	29.32

Available up to 2" Thread Brass & Stainless Steel . . . . . Call for Pricing

Female Threaded Adapter

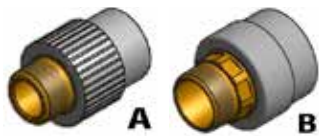
With NPT Lead Free Brass - Socket Fusion



SIZE	TYPE	STOCK NO	EACH
½" x ½"	A	27NRFF2012NPT	6.60
½" x ¾"	A	27NRFF2034NPT	8.06
¾" x ½"	A	27NRFF2512NPT	6.60
¾" x ¾"	A	27NRFF2534NPT	8.06
1" x ¾"	A	27NRFF3234NPT	11.00
1" x 1"	A	27NRFF321NPT	16.86
1¼" x 1"	B	27NRFF401NPT	18.33
1¼" x 1¼"	B	27NRFF40114NPT	27.49
1½" x 1¼"	B	27NRFF50114NPT	28.59
1½" x 1½"	B	27NRFF50112NPT	32.99
2" x 1½"	B	27NRFF63112NPT	33.72
2" x 2"	B	27NRFF632NPT	47.65
2½" x 2"	B	27NRFF752NPT	54.98
2½" x 2½"	B	27NRFF75212NPT	95.30
3" x 3"	B	27NRFF903NPT	139.28
4" x 4"	C	27NRFF1254NPT	256.56

Male Threaded Adapter

With NPT Lead Free Brass - Socket Fusion



SIZE	TYPE	STOCK NO	EACH
½" x ½"	A	27NRFM2012NPT	7.33
½" x ¾"	A	27NRFM2034NPT	10.26
¾" x ½"	A	27NRFM2512NPT	7.33
¾" x ¾"	A	27NRFM2534NPT	11.00
1" x ¾"	A	27NRFM3234NPT	13.19
1" x 1"	A	27NRFM321NPT	18.33
1¼" x 1"	B	27NRFM401NPT	18.33
1¼" x 1¼"	B	27NRFM40114NPT	27.49
1½" x 1¼"	B	27NRFM50114NPT	27.49
1½" x 1½"	B	27NRFM50112NPT	36.65
2" x 1½"	B	27NRFM63112NPT	40.32
2" x 2"	B	27NRFM632NPT	54.98
2½" x 2"	B	27NRFM752NPT	58.64
2½" x 2½"	B	27NRFM75212NPT	80.63
3" x 3"	B	27NRFM903NPT	131.95
4" x 4"	C	27NRFM1254NPT	362.85

Coupling

Socket Fusion



SIZE	STOCK NO	EACH
½"	27NMAN20	1.41
¾"	27NMAN25	1.57
1"	27NMAN32	2.02
1¼"	27NMAN40	2.50
1½"	27NMAN50	5.24
2"	27NMAN63	10.48
2½"	27NMAN75	11.70
3"	27NMAN90	25.80
4"	27NMAN125	55.24



Female Threaded Adapter

With NPT Stainless Steel - Socket Fusion

SIZE	TYPE	STOCK NO	EACH
½" x ½"	A	27NRFF2012SSNPT	27.49
½" x ¾"	A	27NRFF2034SSNPT	32.99
¾" x ½"	A	27NRFF2512SSNPT	27.49
¾" x ¾"	A	27NRFF2534SSNPT	32.99
1" x ¾"	A	27NRFF3234SSNPT	27.49
1" x 1"	A	27NRFF321SSNPT	64.14
1¼" x 1"	C	27NRFF401SSNPT	65.97
1¼" x 1¼"	B	27NRFF40114SSNPT	93.10
1½" x 1¼"	D	27NRFF50114SSNPT	93.10
1½" x 1½"	B	27NRFF50112SSNPT	111.42
2" x 1½"	D	27NRFF63112SSNPT	111.42
2" x 2"	B	27NRFF632SSNPT	212.58

Available up to 4". . . . . Call for Pricing



Male Threaded Adapter

With NPT Stainless Steel - Socket Fusion

SIZE	TYPE	STOCK NO	EACH
½" x ½"	A	27NRFM2012SSNPT	29.32
½" x ¾"	A	27NRFM2034SSNPT	32.99
¾" x ½"	A	27NRFM2512SSNPT	29.32
¾" x ¾"	A	27NRFM2534SSNPT	32.99
1" x ¾"	A	27NRFM3234SSNPT	32.99
1" x 1"	A	27NRFM321SSNPT	131.77
1¼" x 1"	C	27NRFM401SSNPT	136.17
1¼" x 1¼"	B	27NRFM40114SSNPT	170.62
1½" x 1¼"	D	27NRFM50114SSNPT	176.66
1½" x 1½"	B	27NRFM50112SSNPT	192.61
2" x 1½"	D	27NRFM63112SSNPT	197.92
2" x 2"	B	27NRFM632SSNPT	230.91

Available up to 4". . . . . Call for Pricing

Fusion End Cap

Socket Fusion



SIZE	STOCK NO	EACH
½"	27NCC20	2.22
¾"	27NCC25	2.83
1"	27NCC32	3.43
1¼"	27NCC40	5.24
1½"	27NCC50	7.26
2"	27NCC63	12.30
2½"	27NCC75	17.94
3"	27NCC90	40.72
4"	27NCC125	74.79

End Cap - Long Spigot SDR 11
Butt Weld or can be used with Electrofusion

2"	27NCC6311M	12.10
2½"	27NCC7511M	17.74
3"	27NCC9011M	40.32
4"	27NCC12511M	74.18
6"	27NCC16011M	100.79

PP-RCT Pipe and Fittings (08C)

Niron • Socket Fusion

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Grooved Mechanical Adapter Long Spigot

For butt fusion or electrofusion welding.

SIZE	TYPE	STOCK NO	EACH
2" x 2"	A	27NRV6311	230.91
3" x 3"	A	27NRV9011	531.45
4" x 4"	A	27NRV12511	824.67



Unions

Socket Fusion

SIZE	STOCK NO	EACH
Brass Nut with Socket Fusion Ends		
½"	27NCSJ2020	64.51
¾"	27NCSJ2525	72.57
1"	27NCSJ3232	92.73
1¼"	27NCSJ4040	141.11
1½"	27NCSJ5050	145.14
2"	27NCSJ6363	233.84



Union Ball Valves

Socket Fusion • True Union

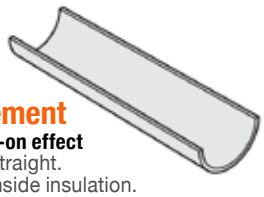
SIZE	TYPE	STOCK NO	EACH
½"	A	27NRSPPRCT20	43.98
¾"	A	27NRSPPRCT25	43.98
1"	A	27NRSPPRCT32	43.98
1¼"	A	27NRSPPRCT40	84.30
1½"	A	27NRSPPRCT50	98.96
2"	A	27NRSPPRCT63	109.96
2½"	A	27NRSPPRCT75	373.85
3"	A	27NRSPPRCT90	623.08



WELDING COLLAR SPIGOT ENDS

Socket Fusion • TU Butt Fusion & Electrofusion

SIZE	STOCK NO	EACH
1¼"	27NAPPS40	16.13
1½"	27NAPPS50	16.93
2"	27NAPPS63	32.25
3"	27NAPPS90	56.44



(18)

Pipe Reinforcement

Self-gripping – Snap-on effect

Keeps plastic pipe straight.
Reinforcement fits inside insulation.

SIZE X LENGTH	INCH CONVERSION	STOCK NO	EACH
25mm x 10'	¾"	PRM025	27.07
32mm x 10'	1"	PRM032	32.36
40mm x 10"	1¼"	PRM040	38.62
50mm x 10'	1½"	PRM050	45.17
63mm x 10'	2"	PRM063	47.30
75mm x 10'	2½"	PRM075	48.82
90mm x 10'	3"	PRM090	50.83
125mm x 10'	4"	PRM125	143.69
160mm x 10'	6"	PRM160	176.85

Niron Pipe Clamps on Page 1242 & 1510



Coupling Style

Compression

SIZE	STOCK NO	EACH
½"	03NKMAN20	7.06
¾"	03NKMAN25	8.47
1"	03NKMAN32	12.10
1¼"	03NKMAN40	22.18
1½"	03NKMAN50	32.25
2"	03NKMAN63	40.32



PP Encapsulated Backing Ring

ANSI/ASA150

SIZE	STOCK NO	EACH
1"	00FLAACPP321	14.51
1¼"	00FLAACPP40114	14.51
1½"	00FLAACPP50112	14.51
2"	00FLAACPP632	19.35
2½"	00FLAACPP75212	27.27
3"	00FLAACPP903	27.27
3½" Socket Fusion/Butt Fusion or 4" Electrofusion	00FLAACPP1104	32.99
4" Socket Fusion Only	00FLAACPP1254	32.99
5"	00FLAACPP1255A5	40.90
6"	00FLAACPP1606	61.14
8"	00FLAACPP2008	82.25
10"	00FLAACPP25010	111.28
Available up to 14"-24"	Call for Pricing	



Gasket Low - Stress EPDM

SIZE	STOCK NO	EACH
1"	00GRET321	12.37
1¼"	00GRET40114	13.61
1½"	00GRET50112	13.61
2"	00GRET632	14.43
2½"	00GRET75212	14.43
3"	00GRET903	16.49
4"	00GRET1104	18.55
5"	00GRET1255	18.55
6"	00GRET1606	27.63
8"	00GRET2008	32.99
10"	00GRET25010	61.85
12"	00GRET31512	74.22
Other sizes available up to 24"	Call for Pricing	



INSTAHEADER™ PEX ADAPTER

ASTM F 1960 • Socket Fusion Sidewall

SIZE OR PIPE X PEX	STOCK NO	EACH
2 or 2½" x ½"	27NPGS126375	12.46
3 or 4" x ½"	27NPGS1290110125	12.46
2 or 2½" x ¾"	27NPGS346375	19.79
3 or 4" x ¾"	27NPGS3490110125	19.79
2 or 2½" x 1"	27NPGS16375	27.86
3 or 4" x 1"	27NPGS190110125	27.86



PEX ADAPTER

Cold Expansion - ASTM F 1960 • Fem. Socket Fusion

SIZE	STOCK NO	EACH
½" x ½"	27NPR1220	9.68
¾" x ½"	27NPR1225	11.00
¾" x ¾"	27NPR3425	12.10
1" x 1"	27NPR0132	20.16
Available up to 2" PEX	Call for Pricing	

Pipe Size Chart

U.S. (ANSI) Standards			ISO Standards		
NOMINAL PIPE SIZE (inches)	IPS I.D. Steel	ACTUAL O.D. (inches)	NOMINAL MILLIMETERS Niron	Niron I.D.	ACTUAL O.D. (inches)
½"	0.62	0.840	20 mm	0.57	0.79
¾"	0.82	1.050	25 mm	0.71	0.98
1"	1.05	1.315	32 mm	0.98	1.26
1¼"	1.38	1.660	40 mm	1.29	1.57
1½"	1.61	1.900	50 mm	1.61	1.97
2"	2.07	2.375	63 mm	2.03	2.48
2½"	2.49	2.875	75 mm	2.42	2.95
3"	3.07	3.500	90 mm	2.90	3.54
3½"	3.55	4.000	110 mm	3.54	4.33
4"	4.03	4.500	125 mm	4.03	4.92
6"	6.06	6.625	160 mm	5.15	6.30
8"	7.98	8.625	200 mm	6.44	7.87
10"	10.02	10.750	250 mm	8.05	9.84
12"	12.00	12.750	315 mm	10.15	12.40
14"	13.25	13.000	355 mm	11.44	13.98
16"	15.25	16.000	400 mm	12.88	15.75
18"	17.25	18.000	450 mm	14.50	17.72
20"	19.25	20.000	500 mm	16.11	19.69
22"	N/A	N/A	560 mm	18.04	22.05
24"	23.25	24.000	630 mm	21.89	24.80

Niron Flange Adapters and Bolts

Flange Part Number BASED ON SDR-11	Ring Style	SIZE	FLANGE WIDTH	BACKER RING	N HOLES	1/8" GASKET	Backing Washer	CAP SCREW Niron to Niron	CAP SCREW Niron to Steel
27NCRT3211	PE	1"	0.41	0.63	4	0.125	0.125	1/2" X 3-1/4"	1/2" X 2-3/4"
27NCRT4011	PE	1-1/4"	0.43	0.63	4	0.125	0.125	1/2"X3-1/2"	1/2" X 3"
27NCRT5011	PE	1-1/2"	0.47	0.71	4	0.125	0.125	1/2"X3-3/4"	1/2" x 3-1/4"
27NCRT6311	PE	2"	0.66	0.71	4	0.125	0.125	5/8"X 4-1/2"	5/8"X 3-3/4"
27NCRT7511	PE	2-1/2"	0.67	0.71	4	0.125	0.125	5/8"X4-1/2"	5/8"X 3-3/4"
27NCRT9011	PE	3"	0.71	0.79	4	0.125	0.125	5/8"X4-1/2"	5/8"X 4"
27NCRT12511	PE	4"	0.79	LS .94	8	0.125	0.125	3/4"X 5"	3/4"X 4"
27NCRT12511A5	PE	5"	1.02	0.94	8	0.125	0.125	3/4" X 6-1/2"	3/4" X 5"
27NCRT16011	PE	6"	0.96	1.02	8	0.125	0.125	3/4" X 6"	3/4" X 5"
27NCRT20011	PE	8"	1.26	1.02	8	0.125	0.125	3/4"X 7"	3/4"X 5-1/2"
27NCRT25011	PE	10"	1.32	1.18	12	0.125	0.125	7/8"X 7-1/2"	7/8"X 6"
27NCRT31511	EPC	12"	1.77	1.50	12	0.125	0.125	7/8"X 8-1/2"	7/8"X6-1/2"
27NCRT35511MB	EPC	14"	1.52	1.63	12	0.125	0.125	1"X 8-1/2"	1"X 6-1/2"
27NCRT40011MB	EPC	16"	1.85	1.88	16	0.125	0.125	1"X 9-1/2"	1"X 7"
27NRCT40011MBV**	BV Only	16"	3.17	1.88	16	0.125	0.125	1" X 12-1/2"	1" X 8-1/2"
27NCRT45011MB	EPC	18"	2.30	1.90	16	0.125	0.125	1-1/8"X 10-1/2"	1-1/8"X 8"
27NCRT45011MBV**	BV Only	18"	3.17	1.90	16	0.125	0.125	1-1/8" X 12-1/2"	1-1/8" X 9"
27NCRT50011MB	EPC	20"	2.30	2.13	20	0.125	0.125	1-1/8"X 11"	1-1/8"X 8-1/2"
27NCRT63017MB	PE	24"	2.30	1.81	20	0.125	0.125	1-1/4"X 12-1/2"	1-1/4"X 9-1/2"

PP-RCT Pipe and Fittings (08C)

Niron • Electrofusion

nupiamericas.com

Male Threaded Adapter



With NPT Lead Free Brass use on Butt, Socket or EF

SIZE	STOCK NO	EACH
½" x ½"	27NRFM732012NPT	28.59
¾" x ¾"	27NRFM732534NPT	21.99
1" x 1"	27NRFM9321NPT	36.65
1¼" x 1¼"	27NRFM1140114NPT	47.65
1½" x 1½"	27NRFM1150112NPT	51.31
2" x 2"	27NRFM11632NPT	65.97
2½" x 2½"	27NRFM1175212NPT	208.92
3" x 3"	27NRFM11903NPT	238.24
4" x 4"	27NRFM111254NPT	256.56

Female Threaded Adapter



With NPT Lead Free Brass use on Butt, Socket or EF

SIZE	STOCK NO	EACH
¾" x ¾"	27NRFF732534NPT	21.99
1" x 1"	27NRFF9321NPT	36.65
1½" x 1½"	27NRFF1150112NPT	51.31
2" x 2"	27NRFF11632NPT	65.97
3" x 3"	27NRFF11903NPT	238.24
4" x 4"	27NRFF111254NPT	256.56

Reducer



Electrofusion

SIZE	STOCK NO	EACH
1" x ¾"	27NRDE3225	22.58
1¼"x 1"	27NRDE4032	25.80
1½"x 1"	27NRDE5032	28.22
1½"x 1¼"	27NRDE5040	28.22
2"x 1"	27NRDE6332	32.25
2"x 1¼"	27NRDE6340	32.25
2"x 1½"	27NRDE6350	32.25
2½" x 2"	27NRDE7563	38.70
3" x 2"	27NRDE9063	50.80
4" x 2"	27NRDE1263	104.82
4"x 3"	27NRDE1290	104.82
4"x 3½"	27NRDE1211	104.82
6"x 3"	27NRDE1690	149.17
6"x 4"	27NRDE1612	161.27
8"x 6"	27NRDE2016	443.49
10"x 8"	27NRDE2520	786.19

EF Branch Saddle with Rigid Underclamp



Electrofusion

SIZE	STOCK NO	EACH
1¼" x 1"	27NCOL4032	36.29
1½" x ¾"	27NCOL5025	38.70
1½" x 1"	27NCOL5032	38.70
2" x ¾"	27NCOL6325	41.93
2" x 1"	27NCOL6332	41.93
2" x 2"	27NCOL6363	59.67
2½" x ¾"	27NCOL7525	45.16
2½" x 1¼"	27NCOL7540	45.16
3" x ¾"	27NCOL9025	74.99
3" x 1"	27NCOL9032	74.99
3" x 2"	27NCOL9063	74.99
4" x ¾"	27NCOL12525	83.86
4" x 1"	27NCOL12532	83.86
4" x 2"	27NCOL12563	83.86

EF Tee

Requires butt fusion or electrofusion or socket coupling on outlet side of the tee.



Electrofusion

SIZE	STOCK NO	EACH
½"	27NTCE020	15.12
¾"	27NTCE025	19.96
1"	27NTCE032	21.98
1¼"	27NTCE040	24.19
1½"	27NTCE050	29.83
2"	27NTCE063	36.29
2½"	27NTCE075	60.48
3"	27NTCE090	80.63
4"	27NTCE125	201.59
6"	27NTCE160	262.06
8"	27NTCE200	604.76
10"	27NTCE250	1411.10

Coupling



Electrofusion

SIZE	STOCK NO	EACH
SDR 7.4		
½"	27NME2073	18.15
¾"	27NME2573	20.16
1"	27NME3273	22.58
1¼"	27NME4073	25.80
1½"	27NME5073	28.22
2"	27NME6373	32.25
2½"	27NME7573	38.70
3"	27NME9073	76.60
4"	27NME12573	112.89
6"	27NME16073	217.71
SDR 11		
3"	27NME9011	50.80
4"	27NME12511	88.70
6"	27NME16011	112.89
8"	27NME20011	181.43
10"	27NME25011	362.85
12"	27NME31511	483.81
Available up to 24"		Call for Pricing

Branch Fittings with Belt



Electrofusion

SIZE	STOCK NO	EACH
3" x 1¼"	27NCOL9040	83.86
3" x 3"	27NCOL9090	116.92
4" x 2½"	27NCOL12575	112.89
4" x 3"	27NCOL12590	116.92
6" x ¾"	27NCOL16025	83.86
6" x 1"	27NCOL16032	90.31
6" x 2"	27NCOL16063	90.31
6" x 2½"	27NCOL16075	116.92
6" x 3"	27NCOL16090	116.92
6" x 4"	27NCOL160125	149.17
8" x 1"	27NCOL20032	125.79
8" x 3"	27NCOL20090	125.79
8" x 4"	27NCOL200125	149.17

10" & 12" main sizes with various outlets and large diameter saddle bases up to 24" x 8" outlet are available . . Call for pricing

90° Elbow



Electrofusion

SIZE	STOCK NO	EACH
½"	27NGEM20	12.50
¾"	27NGEM25	18.15
1"	27NGEM32	18.15
1¼"	27NGEM40	19.76
1½"	27NGEM50	23.38
2"	27NGEM63	25.80
2½"	27NGEM75	31.45
3"	27NGEM90	60.48
4"	27NGEM125	161.27
6"	27NGEM160	217.71
8"	27NGEM200	423.33
10"	27NGEM250	1007.93

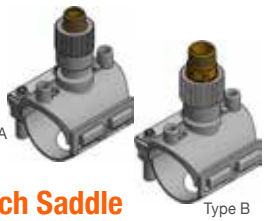
45° Elbow



Electrofusion

SIZE	STOCK NO	EACH
1"	27NCEM32	18.15
1¼"	27NCEM40	19.76
1½"	27NCEM50	23.38
2"	27NCEM63	25.80
2½"	27NCEM75	31.45
3"	27NCEM90	60.48
4"	27NCEM125	161.27
6"	27NCEM160	217.71
8"	27NCEM200	423.33
10"	27NCEM250	1007.93

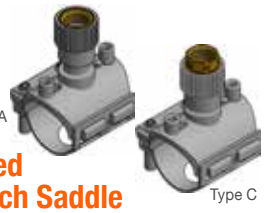
Male Threaded Transition Branch Saddle with Rigid Underclamp



Electrofusion

SIZE	TYPE	STOCK NO	EACH
2" x ½"	A	27NCOLF63M12	65.31
2" x ¾"	A	27NCOLF63M34	66.12
2" x 1"	A	27NCOLF63M01	78.22
2" x 1½"	B	27NCOLF63M112	114.50
2½" x ½"	A	27NCOLF75M12	68.54
2½" x ¾"	A	27NCOLF75M34	69.35

Female Threaded Transition Branch Saddle with Rigid Underclamp



Electrofusion

SIZE	TYPE	STOCK NO	EACH
2" x ½"	A	27NCOLF63F12	62.09
2" x ¾"	A	27NCOLF63F34	63.70
2" x 1"	A	27NCOLF63F01	78.22
2" x 1½"	C	27NCOLF63F112	114.50
2½" x 1"	A	27NCOLF75F01	81.44
3" x 1"	A	27NCOLF90F01	111.28
4" x 1"	A	27NCOLF125F01	120.15

PP-RCT Pipe and Fitting Tools (40)

Niron • Ritmo America

nupiamericas.com

Electrofusion



ElectroFusion Welding Unit

Model E9001LP/110 • 115v 1500 VA • Orange Case

½" – 6" ElectroFusion Fittings for PPR & HDPE

STOCK NO	EACH
00E9001LP110	3518.59
Rental 00E9001LP110RU	Call for Pricing

Model E9001P/110 • 115v 2000 VA • Yellow Case

½" – 16" ElectroFusion Fittings for PPR & HDPE

STOCK NO	EACH
00E9001P110	5571.10
Rental 00E9001P110RU	Call for Pricing

Barcode Scanner Gun Replacement

STOCK NO	EACH
00BCSCAN	266.39



Elektra 500

Working range up to 18" IPS ElectroFusion Fittings for PPR & HDPE

120v 50-60Hz • Laser Scanner • Transport Case

STOCK NO	EACH
Rental ELEKTRA500RU	Call for Pricing



Elektra 1000

Working range up to 36" DIPS ElectroFusion Fittings for PPR & HDPE

230v 50-60Hz • Laser Scanner • Transport Case

STOCK NO	EACH
Rental ELEKTRA1000RU	Call for Pricing



Automatic Multifuntion Welding Unit with Barcode Scanner

110v • ½" - 24"

STOCK NO	EACH
Rental 00E9001110RU	Call for Pricing

(217B)



IntegriFuse™ Mechanical Scraper

- Mechanically Operated
- Easy to use
- Removes Pipe Oxidation Layer
- Pressure Sensitive Cutter

STOCK NO	EACH
Working Range 2½" IPS to 8" IPS	
SCRINT200	1100.00
Replacement Blades	
SCRINTBLADEKIT	373.12
Rental	
SCRINT200RU	Call for Pricing



(41)

RTC Pipe Scrapers

Essential patented (RTC series) tools for plastic pipes preparation before electrofusion.

STOCK NO	EACH
Working Range 1½" IPS to 6" IPS	
RTC160	2040.00
Rental	
RTC160RU	Call for Pricing
Working Range 2½" IPS to 12" IPS	
RTC315	2049.22
Rental	
RTC315RU	Call for Pricing
Rental • Working Range 14" IPS to 28" IPS	
RTC710RU	Call for Pricing

Replacemet Blades and Screws

For use with RTC Scrappers & Turbos

DESCRIPTION	STOCK NO	EACH
Blades	RTCBLADES	93.44
Screws for Blades	RTCSCREWS	3.07



Modular Rotary Scrapper

For large sizes 10"(250mm)-32"(812mm)

STOCK NO	EACH
00RAT10	10720.71
Rental 00RAT10RU	Call for Pricing



(40)

Turbo Pipe Scrappers

TURBO Scrappers are simple and easy to use with your drill. The fast rotating tool allows fast and precise scraping needed to prepare the pipe OD for Electrofusion with minimal effort. Millimeter Pipe Sizes 20 mm to 125 mm in SDR 7.3 thru 17.

For Pipe and ElectroFusion Fitting Preparation

SIZE	METRIC	STOCK NO	EACH
½"	20MM	99890000	318.53
¾"	25MM	99890001	317.81
1"	32MM	99890002	364.83
1¼"	140MM	99890003	364.83
1½"	50MM	99890004	379.23
2"	63MM	99890005	379.24
2½"	75MM	99890069	518.40
3"	90MM	99890071	555.60
4"	125MM	99890073	638.40

ElectroFusion ½" - 2" Turbo Rental Kit

SCRAPPERKITRU . . . . . Call for Pricing

Socket Fusion



Cold Rings

Socket Fusion (½" - 2")

Used to clamp, hold and round at the desidered place of the pipe in order to weld it properly.

STOCK NO	EACH
20MMCOLDRING	126.32
25MMCOLDRING	126.32
32MMCOLDRING	126.32
40MMCOLDRING	126.32
50MMCOLDRING	140.35
63MMCOLDRING	140.35



Metal Chamfering Tools

Socket Fusion (½" - 4")

Bevels the outside edge of a pipe end for socket fusion.

STOCK NO	EACH
20MMCHAMFER	57.97
25MMCHAMFER	59.22
32MMCHAMFER	60.48
40MMCHAMFER	63.00
50MMCHAMFER	134.93
63MMCHAMFER	35.09
75MMCHAMFER	144.98
90MMCHAMFER	173.05
125MMCHAMFER	205.10

(08C)



Beveling Plastic Tool

Ranges 20 to 40 mm (½" - 1¼")

STOCK NO	EACH
00SMUSS2062	97.31

(08C)



Drill for PPR InstaBranch Saddles

With Socket Fusion Outlets (NGS or NGSF)

OUTLET	MAIN PIPE	STOCK NO	EACH
½ - ¾"	1¼ - 3"	00FGS254090	173.18
½ - ¾"	4 - 12"	00FGS25110315	173.18
1"	2 - 4"	00FGS3263125	173.18
1"	6 - 12"	00FGS32160315	173.18
1¼"	4 - 24"	00FGS40	206.17
1½"	4 - 24"	00FGS50	412.34
2"	4 - 24"	00FGS63	412.34

(223B)



Pipe Fusion Surface Pyrometer Thermometer

- K-type Digital Thermocouple Thermometer Dual-Channel
- Range: -328°F to 2501°F
- Accuracy: ±1.5% or 7.5°F @ 500°F
- 3 AAA Batteries (Included)
- Auto Off
- Type K Surface Probe

STOCK NO	EACH
FUSIONPYROMETER	205.15

PP-RCT Pipe and Fitting Tools (40)

Niron • Ritmo America • McElroy

nupiamericas.com

Socket Fusion

Heater Bushing Sockets

Working range 20mm to 125mm (½" - 4")

STOCK NO	EACH
20MMSOCKET	52.33
25MMSOCKET	65.66
32MMSOCKET	66.82
40MMSOCKET	80.17
50MMSOCKET	91.28
63MMSOCKET	113.53
75MMSOCKET	112.09
90MMSOCKET	151.75
125MMSOCKET	223.93



Socket Fusion Heater Tool Bags

FITS	STOCK NO	EACH
½ - 4" Heater Tool Bag	R125HEATBAG	154.45

Heater Die Pair for InstaBranch Saddles

For use with Socket Fusion Kits

MAIN PIPE	SADDLE	STOCK NO	EACH
1¼"	½ - ¾"	95307129	145.36
1½"	½ - ¾"	95307130	145.36
2"	½ - ¾"	95307131	145.36
2½"	½ - ¾"	95307132	145.36
3"	½ - ¾"	95307133	154.43
4"	½ - ¾"	95307135	172.61
6"	½ - ¾"	95307136	227.12
8"	½ - ¾"	95307137	363.38
2"	1"	95307101	145.36
2½"	1"	95307102	145.36
3"	1"	95307103	154.43
4"	1"	95307109	172.61
6"	1"	95307113	227.12
8"	1"	95307117	363.38
10"	1"	95307121	381.55
3"	1¼"	95307104	154.43
4"	1¼"	95307110	172.61
6"	1¼"	95307114	227.12
8"	1¼"	95307118	363.38
10"	1¼"	95307122	381.55
3"	1½"	95307100	154.43
4"	1½"	95307111	172.61
6"	1½"	95307115	227.12
8"	1½"	95307119	363.38
10"	1½"	95307123	381.55
4"	2"	95307112	227.12
6"	2"	95307116	239.90
8"	2"	95307120	363.38
10"	2"	95307124	381.55
12"	2"	95307128	427.07

Available 4" outlets up to 24" mains Call for Pricing



(41)

Spider 125 Series 2

63mm - 125mm (2" - 4" Niron)

Ideal for performing socket fusions overhead, vertically and other tight indoor spaces.

Features:

- New jaw clamping system maintains roundness of pipe, improves force distribution
- Strong gearbox and self-locking drive handle for proper alignment and constant fusion pressure
- Lightweight and compact
- Universal clamping jaw system fits all pipe brands and fittings; inserts not required

STOCK NO	EACH
A467602	4574.00
Rental A467602RU	Call for Pricing



Prisma Up 90 Sidewall Socket Fusion Machine

The machine is designed to weld special PP-R joints like collectors and reduced branches.

- Working range: Main pipe Ø 40 ÷ 250 mm; branch pipe: 20 ÷ 90 mm.

STOCK NO	EACH
PRISMAUP90	3796.07

Prisma Up 90 Hole Saws

SIZE	STOCK NO	EACH
20/25MM	2025MMHOSA	153.14
32MM	32MMHOSA	160.80
40MM	40MMHOSA	153.14
50MM	50MMHOSA	306.28
63MM	63MMHOSA	306.28
75MM	75MMHOSA	311.47
90MM	90MMHOSA	311.47



Hornet™ Outlet Fusion Tool

Polypropylene outlet fusion for branch sizes 20mm to 63mm on to 40mm to 630mm main sizes

Features:

- Anodized aluminum wear surfaces
- Quick-change drill and fitting adapter
- Rack and pinion drive for smooth operation
- Self-centering base design ensures fusion operations align on center of pipe
- Integrated ratchet strap allows operation across wide range of pipe sizes
- Light weight and compact
- Carriage locks in position

STOCK NO	EACH
Rental ASW25001RU	Call for Pricing



(41)

Socket Fusion Kit

Features:

- Microprocessor control to precisely set & monitor heater temperature in all field conditions
- Heaters are field serviceable, including the electronics
- 20 ft. power cord
- Two heater stands included in all Heater Kits, providing three mounting options: Toolbox, Bench or Freestanding
- Socket adapters have a durable Teflon coating with size and part number clearly marked
- Durable custom toolbox

20mm - 63mm (½" - 2") • 120V

STOCK NO	EACH
ASW30001	926.00



(41)

Socket Heater Kit

Requires BOTH items to make a kit

STOCK NO	EACH
For 20mm - 125mm (½" - 4") • 100 - 120V, 1 Phase	
ASW20301	779.00
Adapter Kit 20mm - 125mm • Brushing & Case Only	
ASW30401	1495.00



(41)

PRISMA JIG

Socket Fusion

A socket welding machine for HDPE, PP & PP-R, PVDF, PB from OD 63 through 125 mm. Machine displays a steel frame that can be used as a support to the aligning body; the unit distinguishes itself by being able to work in tight spaces, after a swift releasing manoeuvre of the frame.

STOCK NO	EACH
Rental JIGKITRU	Call for Pricing

Butt Fusion Machines



(41)
Acrobat 160
63mm - 160mm (2" - 6")
Includes: 160mm & 125mm jaws
Features:
- Small footprint, lightweight
- Tool-less conversion from 4-jaw to 3-jaw carriage for tight work spaces
- Narrow jaws allow fusions for flanges to outlet branch of tees and most fittings
- Hard anodized aluminum wear surfacesble

Includes: Fusion machine, facer, heater, insulated heater stand, facer stand, Acrobat HPU (Hydraulic Power Unit) 120V & shipping container.

STOCK NO	EACH
A714501	17881.00
Rental A714501RU	Call for Pricing

Replacement Blades for Acrobat 160

STOCK NO	EACH
710604	240.00





(41)
Butt Fusion Insert Jaws
For Acrobat 160 & 250

SIZE	STOCK NO	EACH
75MM (2½")	716810	521.00
90MM (3")	716808	521.00
110MM (3½")	716804	521.00
125MM (4")	716802	521.00
160MM (6")	2503812	1430.00
200MM (8")	2503813	1609.00

Rentals

SIZE	STOCK NO	EACH
63MM	716812RU	Call for Pricing
75MM (2½")	716810RU	Call for Pricing
90MM (3")	716808RU	Call for Pricing
110MM (3½")	716804RU	Call for Pricing
125MM (4")	716802RU	Call for Pricing



(41)
Acrobat 250
63mm - 250mm (2" - 10")
Includes: 250mm, 200mm & 160mm jaws
Features:
- Small footprint, lightweight
- Tool-less conversion from 4-jaw to 3-jaw carriage for tight work spaces
- Narrow jaws allow fusions for flanges to outlet branch of tees and most fittings
- Hard anodized aluminum wear surfacesble

Includes: Fusion machine, facer, heater, insulated heater stand, facer stand, Acrobat HPU (Hydraulic Power Unit) 120V & shipping container.

STOCK NO	EACH
A2500101	26255.00
Rental A2500101RU	Call for Pricing

Replacement Blades for Acrobat 250

STOCK NO	EACH
T1208602	445.00





ACROBAT™ 315 with EP800AD HPU
Includes fusion machine, 200mm to 315mm (8" - 12") inserts, facer, heater, insulated heater stand, facer stand, HPU (Hydraulic Power Unit) and shipping container.
Low Force Carriage, 120V EP800AD HPU

STOCK NO	EACH
A31500101	29822.00
Rental A31500101RU	Call for Pricing

99% Isopropyl Alcohol
1 Gallon

STOCK NO	EACH
2907	48.42

(08C)
Black Bead Tape
SELF AMALGAMATING TAPE
TO PROTECT WELDING BEAD FROM UV



SIZE	STOCK NO	EACH
4" x 50'	00TAPE04	206.17

IPS & MM Pipe Clamps



BISMAT® Flash
- single screw clamp
- with BISMAT® Flash quick locking system
- clamp easy to close with one hand
- locking screw can be secured without tools
- material: steel
- zinc plated
- noise insulating lining, EPDM rubber, black
- age resistant lining
- sound insulating lining according DIN 4109
- tested for fire safety

For use with ⅜" Threaded Rod

IPS	NIRON (MM)	STOCK NO	EACH
½"	20 mm	CR3379023	2.76
¾"	25 mm	CR3379028	2.88
1"	32 mm	CR3379035	3.10
1¼"	40 mm	CR3379043	3.80
1½"	50 mm	CR3379051	4.07
2"	63 mm	CR3379063	4.47



W2000 Cushion Strut Clamp
- alternative to the Cushion Clamp
- one-piece design - no loose parts
- easier, faster, safer - installs with one hand
- 3-way screw head - Phillips, flat and hex
- design allows one clamp to fit multiple sizes
- W Series Clamps are boxed for easy handling
- material: steel 1.0242
- high grade Zn-Mg based coating
- rubber lining protects against corrosion
- noise/vibration insulating lining
- age resistant lining

IPS	NIRON (MM)	STOCK NO	EACH
½"	20 mm	2025012	1.65
¾"	25 mm	2025014	1.88
1"	32 mm	2025016	3.12
1¼"	40 mm	2025020	3.84
1½"	50 mm	2025022	4.07
2"	63 mm	2025026	4.64



BIS Heavy Duty Clamp HD1501
- wo-part clamp with two locking bolts
- up to and including 5": locking nut is captive
- heavy design
- bolts secured with anti-loss washer
- with CO2 welded connection nut
- material: steel
- surface protection:
  - part of the BIS UltraProtect® 1000 system
  - suitable for in and outdoor applications
- noise insulating lining, EPDM rubber, black
- age resistant lining
- sound insulating lining according DIN 4109
- tested for fire safety

For use with ½" & ⅜" Threaded Rod

IPS	NIRON (MM)	STOCK NO	EACH
¾"	25 mm	33178029	10.53
1"	32 mm	33178035	13.56
1¼"	40 mm	33178045	12.17
1½"	50 mm	33178051	12.55
2"	63 mm	33178064	13.63
2½"	75 mm	33178078	13.15
3"	90 mm	33178092	13.32
4" IPS ONLY	--	33178116	16.11
4" Niron	125 mm	33178133	19.17
6"	160 mm	33178169	30.24
--	200 mm	33178204	33.98
--	250 mm	33178250	34.96
12"	315 mm	33178325	54.23

No-Hub Cast Iron Pipe and Fittings (10)

charlottepipe.com



No-Hub Pipe

10' Length

PIPE SIZE	STOCK NO	EACH LENGTH
1½"	112X10NH	241.11
2"	2X10NH	241.53
3"	3X10NH	334.03
4"	4X10NH	433.61
5"	5X10NH	623.75
6"	6X10NH	745.42
8"	8X10NH	1159.03
10"	10X10NH	1969.31
12"	12X10NH	2860.69



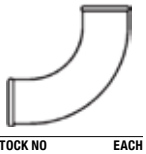
¼ Bend

SIZE	STOCK NO	EACH
1½"	112NHL	32.78
2"	2NHL	35.69
3"	3NHL	49.86
4"	4NHL	73.61
5"	5NHL	165.69
6"	6NHL	183.75
8"	8NHL	499.86



¼ Bend Reducing

SIZE	STOCK NO	EACH
4x3	4X3NHL	149.44



Short Sweep

SIZE	STOCK NO	EACH
2"	2NHSSL	49.86
3"	3NHSSL	65.00
4"	4NHSSL	115.00
5"	5NHSSL	201.53
6"	6NHSSL	211.67
8"	8NHSSL	547.78
10"	10NHSSL	999.44
12"	12NHSSL	3120.69
15"	15NHSSL	4087.50



Long Sweep

SIZE	STOCK NO	EACH
1½"	112NHLRL	83.33
2"	2NHLRL	77.78
3"	3NHLRL	94.17
4"	4NHLRL	149.86
5"	5NHLRL	270.97
6"	6NHLRL	331.11



Double ¼ Bend

SIZE	STOCK NO	EACH
2"	2NHDL	80.42



¼ Bend with 2" Low Heel Inlet

SIZE	STOCK NO	EACH
3"	3X2NHHIL	78.75
4"	4X2NHHIL	100.42



Tapped ¼ Bend

SIZE	STOCK NO	EACH
1½"	112NHFAL	44.31
2 x 1½"	2X112NHFAL	41.25
2 x 2"	2NHFAL	60.69



⅙ Bend

SIZE	STOCK NO	EACH
2"	2NH60L	37.50
3"	3NH60L	48.61
4"	4NH60L	65.00



⅛ Bend

SIZE	STOCK NO	EACH
1½"	112NH45L	27.22
2"	2NH45L	30.69
3"	3NH45L	41.25
4"	4NH45L	54.03
5"	5NH45L	112.36
6"	6NH45L	119.58
8"	8NH45L	344.44
10"	10NH45L	654.58
12"	12NH45L	1323.33
15"	15NH45L	2639.58



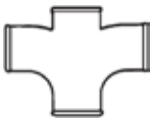
1/16 Bend

SIZE	STOCK NO	EACH
1½"	112NH22L	28.75
2"	2NH22L	31.39
3"	3NH22L	36.53
4"	4NH22L	48.33
5"	5NH22L	106.94
6"	6NH22L	129.31
8"	8NH22L	205.69



Sanitary Tee

SIZE	STOCK NO	EACH
1½"	112NHST	45.97
2 x 1½"	2X112NHST	49.86
2"	2NHST	49.17
3 x 1½"	3X112NHST	58.19
3 x 2"	3X2NHST	53.75
3"	3NHST	60.69
4 x 2"	4X2NHST	77.08
4 x 3"	4X3NHST	88.19
4"	4NHST	114.86
5 x 2"	5X2NHST	191.81
5 x 3"	5X3NHST	201.53
5 x 4"	5X4NHST	207.36
6 x 2"	6X2NHST	198.19
6 x 4"	6X4NHST	207.36
5"	5NHST	268.19
6"	6NHST	273.33
8 x 4"	8X4NHST	584.44
8"	8NHST	1108.19



Sanitary Cross

SIZE	STOCK NO	EACH
1½"	112NHSX	69.44
2"	2NHSX	83.75
3x2"	3X2NHSX	115.28
3"	3NHSX	129.03
4x2"	4X2NHSX	164.58
4x3"	4X3NHSX	198.61
4"	4NHSX	244.44



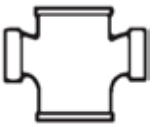
Side Outlet Sanitary Tee

SIZE	STOCK NO	EACH
3x3x2LH	3X3X2NHLSOT	208.61
3x3x2RH	3X3X2NHRSOT	208.61



Sanitary Tapped Tee

SIZE	STOCK NO	EACH
1½ x 1½"	112NHTST	60.69
2 x 1¼"	2X114NHTST	60.69
2 x 1½"	2X112NHTST	53.75
2 x 2"	2X2NHTST	61.81
3 x 1½"	3X112NHTST	73.19
3 x 2"	3X2NHTST	85.69
3 x 3"	3X3NHTST	158.19
4 x 1½"	4X112NHTST	75.97
4 x 2"	4X2NHTST	86.11



Sanitary Tapped Cross

SIZE	STOCK NO	EACH
1½ x 1½"	112X112NHTSX	76.39
2 x 1½ "	2X112NHTSX	74.86
2 x 2"	2X2NHTSX	88.75

Test Tees - less Plug



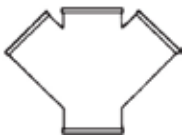
SIZE	STOCK NO	EACH
2"	2X2NHTT	44.44
3"	3X3NHTT	73.06
4"	4X4NHTT	128.19
5"	5X5NHTT	263.61
6"	6X6NHTT	280.28
8"	8X8NHTT	715.69
10"	10X10NHTT	1336.53

Wye



SIZE	STOCK NO	EACH
1½"	112NHY	46.53
2"	2NHY	45.42
3x2"	3X2NHY	49.17
3"	3NHY	66.25
4x2"	4X2NHY	70.42
4x3"	4X3NHY	92.22
4"	4NHY	106.11
5x2	5X2NHY	155.69
5x3	5X3NHY	218.61
5x4	5X4NHY	224.86
5"	5NHY	251.25
6x3	6X3NHY	218.61
6x4	6X4NHY	224.86
6x5	6X5NHY	272.92
6"	6NHY	281.94
8x3	8X3NHY	353.06
8x4	8X4NHY	386.81
8x5	8X5NHY	468.61
8x6	8X6NHY	475.69
8"	8NHY	663.89
10"	10NHY	1473.33
12"	12NHY	2901.53
10x4	10X4NHY	1021.67
10x6	10X6NHY	1069.44
10x8	10X8NHY	1283.33
15"	15NHY	6749.31

Double Wye



SIZE	STOCK NO	EACH
2"	2NHDY	72.22
3x2"	3X2NHDY	112.36
3"	3NHDY	133.19
4"	4NHDY	270.42
4x2"	4X2NHDY	149.44
4x3"	4X3NHDY	168.89
5x4	5X4NHDY	358.75
6x4	6X4NHDY	385.69
6"	6NHDY	477.36
8"	8NHDY	1406.11

Combination Wye & ⅛ Bend



SIZE	STOCK NO	EACH
1½"	112NHLTY	49.44
2x1½"	2X112NHLTY	55.14
2"	2NHLTY	51.94
3x2"	3X2NHLTY	65.00
3"	3NHLTY	81.67
4x2"	4X2NHLTY	84.58
4x3"	4X3NHLTY	120.28
4"	4NHLTY	157.78
5x3	5X3NHLTY	268.61
5x4	5X4NHLTY	296.67
5"	5NHLTY	321.67
6x2	6X2NHLTY	218.61
6x3	6X3NHLTY	265.28
6x4	6X4NHLTY	253.75
6"	6NHLTY	431.81
8x4	8X4NHLTY	526.25
8x6	8X6NHLTY	787.08
8"	8NHLTY	1009.86

Double Combination Wye & ⅛ Bend



SIZE	STOCK NO	EACH
2"	2NHDTY	123.47
3x2"	3X2NHDTY	161.67
3"	3NHDTY	190.00
4x2"	4X2NHDTY	235.97
4x3"	4X3NHDTY	247.50
4"	4NHDTY	373.61

Upright Wye



SIZE	STOCK NO	EACH
2"	2NHUY	79.86
4x2	4X2NHUY	109.72
3"	3NHUY	109.17
3x2"	3X2NHUY	78.19
4"	4NHUY	288.75
4x3"	4X3NHUY	145.83

Short Reducer



SIZE	STOCK NO	EACH
2x1½"	2X112NHR	25.83
3x2	3X2NHR	25.69
4x2	4X2NHR	38.75
4x3	4X3NHR	38.75
5x3	5X3NHR	72.22
5x4	5X4NHR	74.86
6x2	6X2NHR	106.94
6x3	6X3NHR	104.31
6x4	6X4NHR	104.31
6x5	6X5NHR	106.94
8x4	8X4NHR	160.97
8x5	8X5NHR	181.81
8x6	8X6NHR	179.03
10x4	10X4NHR	316.11
10x6	10X6NHR	334.17
10x8	10X8NHR	391.81
12x6	12X6NHR	700.83
12x8	12X8NHR	720.83
12x10	12X10NHR	732.78

Tapped Adapters



SIZE	STOCK NO	EACH
1½"	112NHTA	39.58
2x2"	2X2NHTA	40.97
2x1½"	2X112NHTA	40.97

Tapped Ferrule - less Plug



SIZE	STOCK NO	EACH
2x1½ "	2X112NHCO	33.61
3x2½ "	3X212NHCO	38.33
4x3½ "	4X312NHCO	42.64
5x4"	5X4NHCO	101.11
6x5"	6X5NHCO	95.42
8x6"	8X6NHCO	230.14

Blind Plug



SIZE	STOCK NO	EACH
1½"	112NHBP	17.78
2"	2NHBP	17.92
3"	3NHBP	25.83
4"	4NHBP	40.97
5"	5NHBP	74.86
6"	6NHBP	78.19
8"	8NHBP	207.64
10"	10NHBP	306.11
12"	12NHBP	485.00
15"	15NHBP	832.78

Figure Five Double Fixture



SIZE	STOCK NO	EACH
2"	2NHDFF	119.17
3"	3NHDFF	296.53
4"	4NHDFF	482.50

Figure One



1½" Tapped (Sides)

SIZE	STOCK NO	EACH
2 x 1½"	EZS1	122.78

No-Hub Cast Iron Pipe and Fittings

Charlotte Pipe

charlottepipe.com



(10)

P-Trap

SIZE	STOCK NO	EACH
1½"	112NHPT	55.14
2"	2NHPT	51.94
3"	3NHPT	113.89
4"	4NHPT	201.53
6"	6NHPT	488.61



(10)

Deep Seal P-Trap

SIZE	STOCK NO	EACH
2"	2NHDPT	121.53
3"	3NHDPT	195.69
4"	4NHDPT	310.83



(10a)

No-Hub Coupling

SIZE	STOCK NO	EACH
1½"	112NHC	7.98
2 x 1½"	2X112NHC	9.29
2"	2NHC	7.98
3"	3NHC	9.55
3 x 2"	3X2NHC	14.53
4"	4NHC	11.28
4x3"	4X3NHC	17.24
5"	5NHC	27.47
6"	6NHC	28.54
8"	8NHC	53.99
10"	10NHC	71.28
12" (extra heavy)	12NHC	272.76
15" (extra heavy)	15NHC	361.29

Husky

anaco-husky.com



(02)

White 5/16" Drive Heavy Duty Coupling

SIZE	STOCK NO	EACH
2" (4-Band)	2HD2006	13.52
3" (4-Band)	3HD2008	15.59
4" (4-Band)	4HD2010	18.14
5" (6-Band)	5HD2012	37.30
6" (6-Band)	6HD2014	42.53
8" (6-Band)	8HD2016	87.68
10" (6-Band)	10HD2017	112.72

(02)

Orange 3/8" Drive Super Duty Cplg

SIZE	STOCK NO	EACH
1½" (4-Band)	112SD4002	16.89
2" (4-Band)	2SD4006	17.99
3" (4-Band)	3SD4008	20.37
4" (4-Band)	4SD4010	24.21
5" (6-Band)	5SD4012	49.63
6" (6-Band)	6SD4014	58.74
8" (6-Band)	8SD4016	116.30
10" (6-Band)	10SD4017	149.59
12" (6-Band)	12SD4018	190.92

(02)

Hi-Torq Flush Sleeve

SIZE	STOCK NO	EACH
3"	HT30033	4.75



(40)

No-Hub Torque Wrench

MODEL	STOCK NO	EACH
7020	PA7020	23.20

(40)

Water Manometer

SIZE	STOCK NO	EACH
12" Scale	WAMA	63.19

Ideal

idealtridon.com



(02)

Yellow 5/16" Drive Heavy Duty MD Coupling

SIZE	STOCK NO	EACH
1½" 4-Band	6217Y8G	12.09
2" 4-Band	6218Y8G	12.82
3" 4-Band	6219Y8G	14.78
4" 4-Band	6220Y8G	17.20
5" 6-Band	6221Y8G	35.36
6" 6-Band	6222Y8G	40.31
8" 6-Band	6223Y8G	83.12
10" 6-Band	6230Y8G	106.86



(02)

Green 3/8" Drive Heavy Duty HD Coupling

SIZE	STOCK NO	EACH
1½" 4-Band	6217H8G	14.48
2" 4-Band	6218H8G	15.43
3" 4-Band	6219H8G	17.47
4" 4-Band	6220H8G	20.75
5" 6-Band	6221H8G	42.55
6" 6-Band	6222H8G	50.37
8" 6-Band	6223H8G	99.71
10" 6-Band	6230H8G	128.26

Black Swan



(18)

No-Hub Sealant

Quart

STOCK NO	EACH
SW04085	32.30



(18)

Gasket Lubricants Lubri/Fast

SIZE	STOCK NO	EACH
Quart	4080	24.00

(02)

Ty-Seal

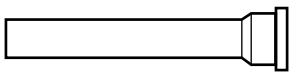
SIZE	STOCK NO	EACH
Quart	QTTYSE	22.70
Gallon	GATYSE	77.40

blackswanmfg.com

Hub Cast Iron Pipe and Fittings (10)

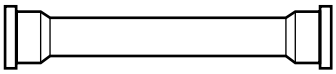
Service Weight

charlottepipe.com



Single Hub Pipe

PIPE SIZE	STOCK NO	EACH LENGTH
5 foot lengths		
2"	2X5SVSH	284.01
3"	3X5SVSH	290.33
4"	4X5SVSH	336.56
6"	6X5SVSH	637.54
8"	8X5SVSH	966.69
10"	10X5SVSH	1367.53
12"	12X5SVSH	1805.19
10 foot lengths		
2"	2X10SVSH	282.75
3"	3X10SVSH	371.76
4"	4X10SVSH	483.17
6"	6X10SVSH	830.74
8"	8X10SVSH	1293.32
10"	10X10SVSH	2152.76
12"	12X10SVSH	3127.40
15"	15X10SVSH	4570.94



30" Double Hub Shorties

SIZE	STOCK NO	EACH
3"	3X30SVDH	275.35
4"	4X30SVDH	312.18



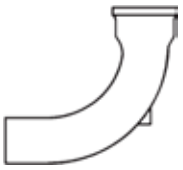
¼ Bend

SIZE	STOCK NO	EACH
2"	2SVL	64.10
3"	3SVL	85.76
4"	4SVL	134.69
6"	6SVL	233.82
8"	8SVL	704.35
10"	10SVL	1029.17
12"	12SVL	1394.25



¼ Bend Short Sweep

SIZE	STOCK NO	EACH
2"	2SVSSL	62.83
3"	3SVSSL	112.31
4"	4SVSSL	172.07
6"	6SVSSL	348.47



¼ Bend Long Sweep

SIZE	STOCK NO	EACH
2"	2SVLRL	97.68
3"	3SVLRL	139.21
4"	4SVLRL	204.39



⅙ Bend

SIZE	STOCK NO	EACH
4"	4SV60L	128.38



⅛ Bend

SIZE	STOCK NO	EACH
2"	2SV45L	45.68
3"	3SV45L	71.68
4"	4SV45L	104.90
5"	5SV45L	147.51
6"	6SV45L	177.67
8"	8SV45L	530.83
10"	10SV45L	762.85
12"	12SV45L	1446.79



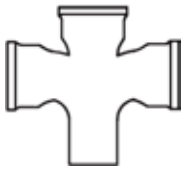
1/16 Bend

SIZE	STOCK NO	EACH
2"	2SV22L	51.64
4"	4SV22L	91.54
6"	6SV22L	155.10



Sanitary Tee

SIZE	STOCK NO	EACH
2"	2SVST	89.74
3"	3SVST	144.81
4"	4SVST	177.67
3x2	3X2SVST	124.76
4x2	4X2SVST	151.49
4x3	4X3SVST	163.04
6"	6SVST	401.01



Sanitary Cross

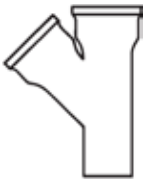
SIZE	STOCK NO	EACH
2"	2SVSX	195.36
4"	4SVSX	296.47



Clean-out Tee

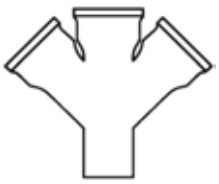
less cover

SIZE	STOCK NO	EACH
3"	3SVCOT	351.18
4"	4SVCOT	373.03
6"	6SVCOT	598.90
8"	8SVCOT	1080.81



Wye

SIZE	STOCK NO	EACH
2"	2SVY	81.79
3"	3SVY	151.49
4"	4SVY	202.94
5"	5SVY	359.85
6"	6SVY	467.10
8"	8SVY	1142.01
12"	12SVY	4659.60
3x2	3X2SVY	117.54
4x2	4X2SVY	157.81
4x3	4X3SVY	173.88
5x2	5X2SVY	269.03
5x3	5X3SVY	283.47
6x4	6X4SVY	314.89
8x4	8X4SVY	601.07
8x6	8X6SVY	746.42
10x4	10X4SVY	1029.17
12x4	12X4SVY	1739.29
12x6	12X6SVY	1792.56
12x8	12X8SVY	2236.54
15X8"	15X8SVY	6188.36
15X12"	15X12SVY	6541.17



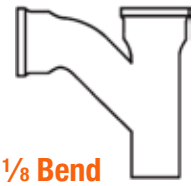
Double Wye

SIZE	STOCK NO	EACH
2"	2SVDY	199.51

Hub Cast Iron Pipe and Fittings (10)

Service Weight

charlottepipe.com



Combination Wye & ⅛ Bend

SIZE	STOCK NO	EACH
2"	2SVLTY	112.31
3"	3SVLTY	170.63
4"	4SVLTY	235.44
6"	6SVLTY	564.96
3x2	3X2SVLTY	129.10
4x2	4X2SVLTY	173.88
4x3	4X3SVLTY	204.75
6x4	6X4SVLTY	407.33



Reducer

SIZE	STOCK NO	EACH
3x2	3X2SVR	62.83
4x2	4x2SVR	71.68
4x3	4x3SVR	81.79
6x4	6X4SVR	165.03
6x5	6X5SVR	177.67
8x4	8X4SVR	275.35
8x6	8X6SVR	282.75
10x4	10X4SVR	414.74
10x6	10X6SVR	464.21
10x8	10X8SVR	464.75
12x6	12X6SVR	724.21
12x10	12X10SVR	756.35
15x6	15X6SVR	1412.13
15x12	15X12SVR	1609.83



Blind Plug

SIZE	STOCK NO	EACH
2"	2SVBP	32.32
3"	3SVBP	45.86
4"	4SVBP	56.15



No 70 Trap

SIZE	STOCK NO	EACH
2"	2SVPT	102.56
3"	3SVPT	152.93
4"	4SVPT	220.28



No 71 Deep Seal P-Trap

SIZE	STOCK NO	EACH
2"	2SVDPT	181.82
3"	3SVDPT	224.25



No 73 Running Trap

SIZE	STOCK NO	EACH
4"	4SVRT	431.71



No 2-253 Plain End Closet Bend

SIZE	STOCK NO	EACH
4x4x16	4X4X16CB	267.40
4x6x16	4X6X16CB	308.21
4x4x16x16	4X4X16X16CB	406.07
3x4x16x16	3X4X16X16CB	395.42
4x3x6x16	4X3X6X16CB	250.97



TY Seal Gaskets

SIZE	STOCK NO	EACH
2"	2TYSEGA	13.67
3"	3TYSEGA	17.42
4"	4TYSEGA	21.98
5"	5TYSEGA	34.62
6"	6TYSEGA	35.65
8"	8TYSEGA	78.07
10"	10TYSEGA	135.78
12"	12TYSEGA	173.05
15"	15TYSEGA	207.16

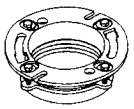


Closet Collar

With 2" Offset

Lead & Oakum Caulk type to go over pipe

SIZE	STOCK NO	EACH
4x4x2	4X4X2CF	324.10



CF4 No Caulk Closet Flange

To go over pipe

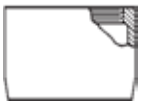
WIDTH X HEIGHT	STOCK NO	EACH
3x2	3X2CFNC	28.28
4x2	4X2CFNC	28.12
4x3	4X3CFNC	37.05
4x4	4X4CFNC	81.18



No 2-252 Closet Collar

Lead & Oakum Caulk type to go over pipe

WIDTH X HEIGHT	STOCK NO	EACH
4x1	4X1CF	50.38
4x1½	4X112CF	50.38
4x2	4X2CF	60.13
4x2½	4X212CF	66.26
4x3	4X3CF	81.25
4x3x3 (Reducing)	4X3X3CF	91.00
4x4	4X4CF	107.25
4x6	4X6CF	188.32



Cleanout Plug/less cover

SIZE	STOCK NO	EACH
3 x 2½"	3SVCOP	61.39
4 x 3½"	4SVCOP	75.29
6 x 5"	6SVCOP	142.64
8 x 6"	8SVCOP	273.00



Type A Cover

Low Square Head
Rough Brass

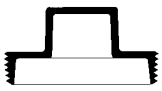
SIZE	STOCK NO	EACH
1½"	112ACOC	42.25
2"	2ACOC	42.25
2½"	212ACOC	59.94
3"	3ACOC	65.54
3½"	312ACOC	93.17
4"	4ACOC	108.51
5"	5ACOC	187.42
6"	6ACOC	390.54
8"	8ACOC	544.20



Type S Cover

Rough Brass

SIZE	STOCK NO	EACH
1½"	112SCOC	61.56
2"	2SCOC	58.50
2½"	212SCOC	96.68
3"	3SCOC	78.54
3½"	312SCOC	93.17
4"	4SCOC	125.13
5"	5SCOC	208.54
6"	6SCOC	367.07

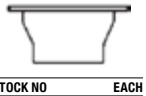


Type O Cover

Rough Brass
Cored High Hex Head

SIZE	STOCK NO	EACH
10"	10OCOC	2352.12





No-Hub Closet Flange Notched and Sloted

WIDTH X HEIGHT	STOCK NO	EACH
4x3x3½"	4X3X312NHCF	73.33
4x4x4"	4X4X4NHCF	85.69

IPS Test Ball Plugs



PIPE SIZE	STOCK NO	EACH
8"	IPS83628	417.33

IPS Test Plugs



Pressure relief pneumatic test plugs.

PIPE SIZE	STOCK NO	EACH
1½"	IPS83756	50.60
2"	IPS83757	46.46
3"	IPS83758	63.46
4"	IPS83759	73.47

Cherne Clean-Seal Plugs



SIZE	STOCK NO	EACH
2"	CH271705	47.77
3"	CH271713	51.78
4"	CH271721	52.96

Hose with Poly-Lift Line



- Great for plugs up to 15"
- 3/16" ID hose
- Threaded connection fittings

SIZE	STOCK NO	EACH
30'	CH261106	204.43

Poly-Lift Line and Gauge



- Greater lifting strength
- Recommended for plugs 6" to 48"
- Retard gauge helps prevent peg-out damage
- Heavy-duty rubber gauge
- 3/8" geavy-duty ID hose, quick inflation/deflation
- Quick-dump valve for easy deflation

SIZE	STOCK NO	EACH
30'	CH383308	432.56

Deflection Gauge Fixed SDR 35.5%



- Durable, zinc-plated construction
- Conforms to mandrel sizing specification (blade length = or > nominal pipe size)
- Nine-arm design ensures testing accuracy
- Open design allows debris pass-through

SIZE	STOCK NO	EACH
6"	CH286068	291.38
8"	CH286078	379.31
10"	CH286088	446.25
12"	CH286098	446.25

Manhole Cover Hook



With 90° Handle

SIZE	STOCK NO	EACH
36"	CH015438	89.48

Long Test Ball



- Natural-rubber construction
- Compatible with PVC pipes
- Makes sealing wye fittings easy when performing tests on DWV systems
- 13 psi or 30 ft. of head pressure
- Ring and chain assembly help prevent the plug from being drawn into system during testing
- 3 ft. extension hose with car-tire inflation valve

SIZE	STOCK NO	EACH
3"	CH271039	108.14
4"	CH271047	124.52
4-6"	CH271098	283.26

Pneumatic Test Plugs



- Natural rubber body provides excellent expansion and a great seal in pipe
- Inflatable design can fit through test tees, sanitary tees, floor drains and other hard to access pipe openings
- Ideal for testing pressures up to 13 psi or with 30 ft. of head pressure
- Standard tire air fitting for easy connections.
- Ring and chain assembly helps prevent the plug from being drawn into DWV systems

PIPE SIZE	STOCK NO	EACH
1¼-1½"	CH270016	35.48
2"	CH270024	38.38
3"	CH270032	41.51
4"	CH270040	48.04
5"	CH270059	114.77
6"	CH270067	135.80

Extension Hose



- Ideal for plumbing applications
- Standard tire fitting connections
- Easy to install
- 3/16 in. ID hose

SIZE	STOCK NO	EACH
3'	CH274038	17.48

Clean-Seal 2® Plugs



Plug, fill and drain a DWV system from any PVC, ABS or cast iron tee.

SIZE	STOCK NO	EACH
3"	CH271838	57.89

Econ-O-Pump™ Test Pumps



- Test Pumps ensure high performance during inflation of test plugs
- Traditional thumb lock
- 200 psi gauge with cover

STOCK NO	EACH
CH273888	43.85

Underground Muni-Ball Plugs



- Works in all types of pipe
- Natural rubber seals the roughest of surfaces
- 8", 10" and 12" plugs include two-port plug for easy use in sewer air tests
- Threaded aluminum bypass

SIZE	BYPASS	STOCK NO	EACH
2"	1/8"	CH262010	213.14
3"	1/2"	CH262258	230.33
4"	3/4"	CH262048	230.33
6"	1½"	CH262064	271.66
8"	3"	CH262080	331.95
10"	3"	CH262110	438.48
12"	3"	CH262129	616.04

Underground Test-Ball Plugs



- Natural rubber for superb expansion & memory
- Seals both round and out-of-round pipe
- Removable inflation valve can be replaced with quick disconnect or if it is damaged
- Features an eye-bolt for use with a poly-lift line
- Block flow or back plug for sewer air testing

PIPE SIZE	STOCK NO	EACH
8"	CH041386	250.12
10"	CH041394	406.06
12"	CH041408	511.05

Inside of Pipe Gripper Plugs



- Rated for 17 PSI or 40 ft. of head pressure
- Extra large zinc wing nut
- Natural rubber O-ring
- ABS glass-reinforced plates
- Zinc-Plated carriage bolt

PIPE SIZE	STOCK NO	EACH
4"	CH270296	11.99
6"	CH270253	32.44
8"	CH270288	61.72

Air-Loc Plug (Front)



- Mechanical bonding of natural rubber & end plates eliminates failures of chemical bonding
- Improved performance and safety
- Superior back pressure (15 psi, 1 bar)
- Premium performance and aesthetics
- Lightweight, short and flexible

PIPE SIZE	STOCK NO	EACH
6-12"	CH317128	887.78

I-Series Test-Ball Plug



- Mechanical bonding of natural rubber & end plates eliminates failures of chemical bonding
- Improved performance and safety
- Superior back pressure (15 psi, 1 bar)
- Premium performance and aesthetics
- Lightweight, short and flexible

PIPE SIZE	STOCK NO	EACH
6-12"	CH310128	770.43

Test Plugs

(18)

Test-Tite Mechanical Test Plug



SIZE	STOCK NO	EACH
2"	IPS83656	76.51
3"	IPS83657	82.46
4"	IPS83658	98.59
6"	IPS83659	392.27

(02)

Ingot Lead

SIZE	STOCK NO	EACH
Per Lb.	LBLEAD	5.60

(02)

Oakum



SIZE	STOCK NO	EACH
5# Box-27"lengths	5LBOA	40.78

(02)

Lead Wool



SIZE	STOCK NO	EACH
5 Lb.	LBLEWO	5.47

(02)

Kollar Kap Closet Flange Spacer



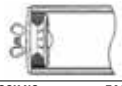
Installs on 4" closet stub before pouring concrete.
Made of molded expandable polystyrene.
Height 7", Diameter at top 6"

STOCK NO	EACH
4KOKA	7.88

(18)

"Twist-Tite"

Mechanical Plug



SIZE	STOCK NO	EACH
2"	2GRPL	8.49
4"	4GRPL	13.13

(40)

Model 200 Test Pump



Delivers a large volume of air for testing vents and waste systems in apartments, comercial buildings and residential dwellings.

Check valve, test valve, gauge, and 1¹/₂" adaptor

STOCK NO	EACH
TP200	359.70

(02)

TESTRITE Test Wedge

with Valve.

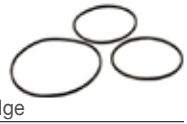


PIPE SIZE	STOCK NO	EACH
2"	HOTRW2V	33.97
3"	HOTRW3V	37.97

(02)

Seal Replacement Kit

Used with TESTRITE Test Wedge



SEAL SIZE	STOCK NO	EACH
2"	HOTRR2	6.20
3"	HOTRR3	8.29

(02)

Test Clean-Out Tee

with Plug.



PIPE SIZE	STOCK NO	EACH
2"	HOTRPVC2AB	16.49
3"	HOTRPVC3AB	21.98

(02)

Spanner Ring Tool



PIPE SIZE	STOCK NO	EACH
2"-3"	HOTRT23	43.47

(18)

Econ-O-Grip Plugs



SIZE	STOCK NO	EACH
1½"	112ECGRPL	3.28
2"	2ECGRPL	3.55
3"	3ECGRPL	5.55
4"	4ECGRPL	6.95
5"	5ECGRPL	13.52
6"	6ECGRPL	14.87

(18)

Standard "Test Titan" Mechanical Test Plugs



SIZE	STOCK NO	EACH
1½"	8821	3.97
2"	8822	3.97
3"	8823	5.97
4"	8824	7.38

(02)

Gripper Cleanout Plugs



With Neoprene Gasket
For openings with damaged/deteriorated threads.
Also used for openings under construction, to keep out debris.
Easy to install and reusable.

SIZE	STOCK NO	EACH
3½"	312ETCOPL	22.20
4"	4ETCOPL	24.17

(18)

"Fit-All" Cleanout Plugs



SIZE	STOCK NO	EACH
3"	CS8260	13.23
3½"	CS8261	10.66
4"	CS8262	15.74

(40)

Drum Trap 4-Way Countersunk Plug Wrench



SIZES	STOCK NO	EACH
¾", 1", 1⅛", 1⅜"	DTPW	26.95

(18)

Counter Sunk ABS Plugs

Tamper Proof



SIZE	STOCK NO	EACH
1½"	CS15	13.39
2"	CS2	13.79
2½"	CS25	18.19
3"	CS3	18.59
3½"	CS35	19.19

Reserved

Roof Flashings (02)



4# Sheet Lead

1/16" Thick

SIZE	STOCK NO	EACH
36x36"	36X36SHLE	115.20
48x48"	48X48SHLE	204.80

(18)

40 MIL PVC Shower Pan Liner

SIZE	STOCK NO	EACH
5'x 40' Roll	5X40PL	356.15

(18)

40 MIL PVC Shower Pan Liner

SIZE	STOCK NO	EACH
4'x 50' Roll	4X50PL	356.15

(18)

Cut to Measure (per running foot)

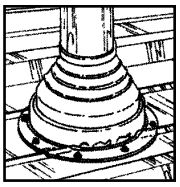
SIZE	STOCK NO	EACH
4' wide	4PL	7.91
5' wide	5PL	9.89

(18)

PVC Shower Pan Liner Cement

STOCK NO	EACH
PVLICE	35.36

maycoindustries.com



Adjustable Roof Flashing

For corrugated steel roofs. Unaffected by ice and snow, hail storms, vibration, expansion and contraction. On sight installation. Easily customized with a knife or scissors to accomodate a broad range of pipes and vent diameters.

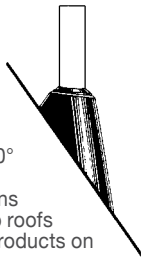
SIZE	STOCK NO	EACH
1/4-2"	OA14050	27.10
1 1/4-3"	OA14051	31.44
3-6"	OA14053	52.29
5-9"	OA14055	75.23



Oatey All-Flash® No-Calk® Roof Flashing

- Thermoplastic Base
- Rated 180° continuous heat
- Approved for type B installations
- Plastic base forpitch from 0-45°
- Do not use petroleum based products on plastic bases or rubber collars.

SIZE	STOCK NO	EACH
1 1/2, 2, 3"	OA11919	8.23
3, 4"	OA11920	11.09



Oatey Highrise® Roof Flashing

- Slides over pipe for pitch 10-60°
- Rated 180° continuous heat
- Approved for type B installations
- Not for hot-mopped or built-up roofs
- Do not use petroleum based products on plastic bases or rubber collars.

SIZE	STOCK NO	EACH
1 1/2, 2, 3"	OA11930	13.87
3, 4"	OA11931	17.78



Sideflash Vertical Flashing

Hard plastic base with elastomeric collar.
NOT for use on sloped surfaces

SIZE	STOCK NO	EACH
1/2"-2 1/2"	OA12805	10.20
3-6"	OA12806	12.71

oatey.com



Galvanized Steel Base Roof Cap

SIZE	STOCK NO	EACH
1,1 1/4,1 1/2,2	NC1	7.92
2"	NC2	14.05
3"	NC3	15.28
4"	NC4	19.84

ipscorp.com



Olson Roof Cap

SIZE	STOCK NO	EACH
Slant		
2"	21S	34.98
3"	31S	38.16
4"	41S	43.73
Flat		
2"	21F	46.83
3"	31F	49.85
4"	41F	52.87
Tops Only		
Fits 2"	2OLT	26.25
Fits 3"	3OLT	28.00
Fits 4"	4OLT	31.50



No. 1 Galvanized Code Roof Flanges

SIZE	STOCK NO	EACH
Slant		
2"	21SM	30.21
3"	31SM	33.39
4"	41SM	38.56
Flat		
2"	21FM	50.09
3"	31FM	54.06
4"	41FM	52.87
Tops Only		
Fits 2"	21T	20.13
Fits 3"	31T	21.88
Fits 4"	41T	25.38

fjmooremfg.com

Pipe Code
CI = Cast Iron
ST = Steel
XCI = Extra Heavy Cast Iron
PL = Plastic
CO = Copper



PROFLEX
Fernco Specialty Couplings
Shielded Transition Coupling

FOR SIZE AND PIPE TYPE		STOCK NO	EACH
1½" CI•PL•ST	to. 1½" CI•PL•ST	FE3000150	10.72
2" CI•PL•ST	to. 2" CI•PL•ST	FE300022	10.70
2" CI•PL•ST	to. 1½" CI•PL•ST	FE3000215	14.26
3" CI	to. 3" PL•ST•XCI	FE300033	16.34
4" CI	to. 3" PL•ST•XCI	FE300043	23.86
4" CI	to. 4" PL•ST•XCI	FE300044	17.86
5" CI	to. 5" PL•ST•XCI	FE300055	38.40
6" CI	to. 6" PL•ST•XCI	FE300066	51.38
8" CI	to. 8" PL•ST•XCI	FE300088	69.92
3" CI	to. 2" CI•PL•ST	FE3004320	16.90
4" CI	to. 2" CI•PL•ST	FE3004420	20.58
4" CI	to. 3" CI	FE3004430	20.06
5" CI	to. 4" CI	FE3004540	43.44
1½" CI•PL•ST	to. 1¼" CO•1" PL	FE30011125	17.30
1½" CI•PL•ST	to. 1½" CO•1¼" PL	FE3001150	14.98
2" CI•PL•ST	to. 1½" CO•1¼" PL	FE3001215	14.98
2" CI•PL•ST	to. 2" CO	FE300122	19.70
3" CI	to. 3" CO	FE300133	21.14
1½" CO	to. 1½" CO•1¼" PL	FE3003150	16.18
2" CO	to. 2" CO	FE300322	17.30
3" PL•ST•XCI	to. 3" PL•ST•XCI	FE300533	17.16
4" PL•ST•XCI	to. 4" PL•ST•XCI	FE300544	20.08
6" PL•ST•XCI	to. 6" PL•ST•XCI	FE300566	51.38
3" PL•ST•XCI	to. 2" CI•PL•ST	FE300832	22.06
3" PL•ST•XCI	to. 3" CO	FE300733	18.88
4" PL•ST•XCI	to. 4" CO	FE300744	24.70
Bath Waste Tubing	to. 1½" CI•PL•ST	FE3002150	17.52
Bath Waste Tubing	to. 2" CI•PL•ST	FE3002215	19.70
4" Thinwall Plastic	to. 4" Sch. 40 Plastic	FE300944	18.30



Fernco Strong Back
RC 1056 Series Couplings

FOR SIZE AND PIPE TYPE		STOCK NO	EACH
2½" PL	to 2"CI•PL	FE105625022RC	30.87
4" PL	to 3" CI•PL	FE105643RC	62.00
4" CI•PL	to 4" CI•PL	FE105644RC	43.53
5" CI	to 3" CI	FE105653RC	62.72
6" CI•PL	to 4" CI•PL	FE105664RC	107.20
6" CI•PL	to 5" CI•PL	FE105665RC	120.53
10" CI•PL	to 10" CI•PL	FE10561010RC	168.50

Fernco Band Seal End Cap
For Cast Iron or PVC



SIZE	STOCK NO	EACH
1½"	FEQC101	2.64
2"	FEQC102	3.10
3"	FEQC103	3.92
4"	FEQC104	5.04
5"	FEQC105	10.26
6"	FEQC106	10.52
8"	FEQC108	21.26



Fernco Couplings

SIZE	DESCRIPTION	STOCK NO	EACH
1½ x 1¼"	plain ends, cast iron or plastic	FE1056150125	5.02
1½ x 1½"	plain ends, cast iron or plastic	FE1056150	4.86
2 x 1½"	plain ends, cast iron or plastic	FE1056215	5.52
2x2"	plain ends, cast iron or plastic	FE105622	5.22
3x2"	plain ends, cast iron or plastic	FE105632	6.52
3x3"	plain ends, cast iron or plastic	FE105633	7.04
4x3"	plain ends, cast iron or plastic	FE105643	9.50
6"	ductile iron to cast iron or plastic	FE105166	20.36
4x2"	plain ends, cast iron or plastic	FE105642	12.30
4x4"	plain ends, cast iron or plastic	FE105644	8.82
6x4"	plain ends, cast iron or plastic	FE105664	22.14
6x6"	plain ends, cast iron or plastic	FE105666	18.86
8x6"	plain ends, cast iron or plastic	FE105686	35.04
8x8"	plain ends, cast iron or plastic	FE105688	29.02
10x8"	plain ends, cast iron or plastic	FE1056108	47.70
10x10"	plain ends, cast iron or plastic	FE10561010	43.56
12x10"	plain ends, cast iron or plastic	FE10561210	56.30
12x12"	cast iron or plastic, cast iron or plastic	FE10561212	50.82
15x12"	cast iron or plastic, cast iron or plastic	FE10561512	118.50
15x15"	cast iron or plastic, cast iron or plastic	FE10561515	90.82
5" OD x 4.38" OD	plain ends, clay, C.I. or plastic	FE100244	8.82
7.38 OD x 4.38" OD	plain ends, clay, C.I. or plastic	FE100264	22.14
7.38 OD x 6.38" OD	plain ends, clay, C.I. or plastic	FE100266	18.86
9.65 OD x 8.50" OD	plain ends, clay, C.I. or plastic	FE100288	29.02
11.80 OD x 10.60" OD	plain ends, clay, C.I. or plastic	FE10021010	43.56

Flex-Seal Coupling
Socket x Sch. 40 Plastic



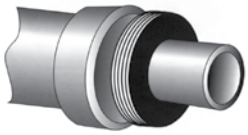
SIZE	STOCK NO	EACH
3x3"	FE105933	27.96
4x4"	FE105944	35.00

Stainless Steel SRC Shields
Max pressure 4.3 PSI, Max Temp. 140°F



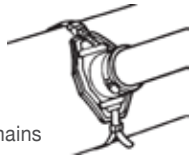
FITS COUPLING NO	STOCK NO	EACH
FE1056150	FESRC9	11.58
FE105622	FESRC11	14.16
FE105633	FESRC15	19.28
FE105644	FESRC19	24.42
FE105666	FESRC25	32.16

Fernco Donuts
Sewer pipe compression joint sealers.
Seal against infiltration and exfiltration.
Material to material or material transitions.



DESCRIPTION	STOCK NO	EACH
2" Service soil hub to 1½" PVC/Steel Sch. 40	FE22U139	13.54
4" Service soil hub to 4" Soil	FE44U401	17.70
4" Service soil hub to 3" PVC/Steel Sch. 40	FE44U305	19.84
4" Service soil hub to 4" PVC/Steel Sch. 40	FE44U405	16.04
2" CI XH Hub to 2" PVC/Steel Sch. 40	FE22UX205	11.98
4" CI XH Hub to 3" PVC/Steel Sch. 40	FE44UX305	19.84
4" CI XH Hub to 4" PVC/Steel Sch. 40	FE44UX405	16.04

(02)
Fernco EZ Tap Sewer Saddle



- Single band with single drawpoint for quick installation
- Resistant to caustic chemicals, bacteria and fungi

EZ Tap 4
Used to connect 4" lateral pipes to 6" and larger sewer mains

STOCK NO	EACH
4EZTAP	146.42

EZ Tap 6
Connects 6" lateral pipes to 8" and larger sewer mains

STOCK NO	EACH
6EZTAP	199.62



JCM #110 Repair Clamp

SIZE	STOCK NO	EACH
½ x 3	12X3110C	11.12
¾ x 3	34X3110C	11.27
1 x 3	1X3110C	12.46
1¼ x 3	114X3110C	13.12
1½ x 3	112X3110C	13.57
2 x 3	2X3110C	15.05
½ x 6	12X6110C	20.09
¾ x 6	34X6110C	21.28
1¼ x 6	114X6110C	23.21
1½ x 6	112X6110C	25.21
2 x 6	2X6110C	26.84
2½ x 6	212X6110C	36.70
3 x 6	3X6110C	39.60
4 x 6	4X6110C	42.04
6 x 6	6X6110C	51.46



JCM #242 Repair Clamp

SIZE	STOCK NO	EACH
4 x 10	4X10242C	265.09
6 x 10	6X10242C	360.71

OUTSIDE PIPE DIAMETER										
Outside Pipe Diameter in Inches										
	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	8"
Steel										
Iron Pipe Size	1.05	1.315	1.660	1.900	2.375	3.500	4.500	5.56	6.62	8.62
ABS/PVC Plastic										
Schedule 40	1.05	1.315	1.660	1.900	2.375	3.500	4.500	5.56	6.62	8.62
Cast Iron	---	---	---	1.900	2.350	3.350	4.380	5.30	6.30	8.38
Copper	.875	1.125	1.375	1.625	2.125	3.125	4.125	5.125	6.125	8.125
Thinwall Plastic										
Sewer & Drain	---	---	---	---	---	3.250	4.215	5.30	6.27	8.16

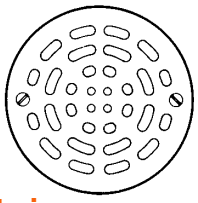


JCM #101 Universal Repair Clamp

SIZE	LENGTH	O.D. RANGE	STOCK NO	EACH
2½	7½	2.70-3.13	212X712101C	100.84
3	12	3.46-3.70	3101C	192.34
3-4	12	3.73-4.13	3X12101C	192.34
4	7½	4.74-5.14	4X712101C	131.76
4	12	4.74-5.14	4X12101C	208.06
6	7½	6.84-7.25	6X712101C	156.16
6	12	6.84-7.25	6X12101C	249.95
8	18	8.99-9.39	8X18101C	428.36

Drains and Accessories

tylerpipe.com



(02)

#50 Replacement Strainer

SIZE	STOCK NO	EACH
5"	5FDCOV	9.92
5¾"	534FDCOV	11.63
6"	6FDCOV	12.83
6⅜"	638FDCOV	13.40
6½"	612FDCOV	13.40
6¾"	634FDCOV	13.83
7"	7FDCOV	17.36
7½"	712FDCOV	20.06
7⅞"	778FDCOV	21.62
8"	8FDCOV	21.62
8½"	812FDCOV	24.44
8⅝"	858FDCOV	24.81
9"	9FDCOV	24.81
9½"	912FDCOV	27.21
10"	10FDCOV	32.81

jumbomfg.com



(18)

Downspout Nozzle

Glue-On-Nozzle

SIZE	STOCK NO	EACH
3"	GON3	347.90
4"	GON4	425.39
6"	GON6	730.60
8"	GON8	1061.82



(11)

EZ Drains

PVC body with nickel bronze strainers

Slab on grade adjustable drain

OUTLET SIZE	COVER SIZE	COVER TYPE	STOCK NO	EACH
2x3"	5"	Round	EZPV2	50.00
2x3"	6"	Round	EZPV2R6	66.95
2x3"	6"	Square	EZPV2S6	90.26
4"	5"	Round	EZPV4	50.00
4"	6"	Round	EZPV4R6	66.95
4"	6"	Square	EZPV4S6	90.26

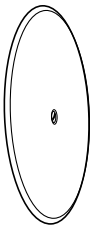
Floor drain with stainless steel deck plate

OUTLET SIZE	COVER SIZE	COVER TYPE	STOCK NO	EACH
2x3"	5"	Round	EZ2PV2	71.19
2x3"	5"	Square	EZ2PV2ST	85.60
4"	5"	Round	EZ2PV4	71.19
4"	5"	Square	EZ2PV4ST	85.60

Adjustable floor cleanout drains

OUTLET SIZE	COVER SIZE	COVER TYPE	STOCK NO	EACH
3x4"	5"	Round	EZCPV3	80.51
3x4"	6"	Square	EZCPV3S6	101.70
4"	5"	Round	EZCPV4	80.51
4"	6"	Square	EZCPV4S6	101.70

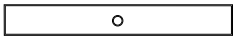
zurn.com



(02)

Stainless Steel Wall Plates

SIZE	STOCK NO	EACH
3"	SC8703	4.87
4"	SC8704	5.69
5"	SC8705	8.12
6"	SC8706	8.93
8"	SC8708	10.56
10"	SC870810	18.68
12"	SC870812	26.80
Screws		
4½"	CPS412	2.11
6"	CPS6	2.66



(02)

Tapped Wall Bar

SIZE	STOCK NO	EACH
¼" x 9"	SC870B	3.22



(02)

White Plastic Wall Plate

SIZE	STOCK NO	EACH
4½"	SC8714	2.80
6½"	SC8716	5.09
8½"	SC8718	8.01

siouxchief.com



(18)

Dura G-O-N

High impact polymer Glue on Nozzle

SIZE	STOCK NO	EACH
3"	GON3D	96.95
4"	GON4D	114.16
6"	GON6D	124.69



(18)

Floor Drain Trap Seal

SureSeal®

SIZE	STOCK NO	EACH
2"	RE97041	78.14
3"	RE97042	87.18
4"	RE97044	102.20

rectorseal.com

Series 100 "Topper" Universal Adjustable Access Cover



Medium duty with polished metal top
Three set screws offer 2" of vertical adjustment

OUTSIDE DIA.	INSIDE DIA.-TOP	INSIDE DIA.-BOTTOM	HEIGHT	STOCK NO	EACH
7 1/8"	5 9/16"	6 5/8"	2 3/4"	*SC8503T	103.03
9 1/8"	7 1/4"	8 5/8"	2 3/4"	**SC8504T	154.25

* Fits 3-4" C.I. or plastic
** Fits 5-6" C.I. or plastic

No-Hub Floor Drain Polished Metal Ring and Strainer



PIPE SIZE	TOP DIA.	HEIGHT	STOCK NO	EACH
4"	6 1/2"	2 7/8"	SC84424NR	80.31

Adjustable Floor Drains



PIPE SIZE	DESC.	TOP DIA.	HEIGHT	STOCK NO	EACH
2"	PVC	4 3/8"	3 5/8 - 5"	SC8422PNR	61.73
2"	ABS	4 3/8"	3 5/8 - 5"	SC8422ANR	61.73
3"	PVC	5 1/2"	4 1/4 - 5 1/2"	SC8423PNR	61.73
4"	PVC	6 1/2"	4 1/2 - 5 3/4"	SC8424PNR	73.91

Toupee-Plus™ Adjustable Cleanout



OUTSIDE DIA.	INSIDE DIA.-TOP	INSIDE DIA.-BOTTOM	HEIGHT	STOCK NO	EACH
Medium Duty with PVC Connection					
4"	4"	5 7/8"	3 3/4 — 4 3/4"	SC85144T	98.28
Medium Duty with No Hub Connection					
4"	3 1/2"	6"	3 1/4 — 4 3/4"	SC85124T	151.29

The Adjustable Gripper Stainless Steel Replacement Strainer for Floor Drains



Will connect to openings from 3 1/4" to 6 3/4".
7 1/4" diameter, 14 gauge.

STOCK NO	EACH
SC8477	36.11

Gripper Stainless Steel Pipe Strainer



- Heavy Gauge Stainless Steel
- Gripping "fingers" fit snugly inside Sch. 40 pipe

847 Series

SIZE	STOCK NO	EACH
2"	SC8472	6.80
3"	SC8473	7.16
4"	SC8474	7.52

See page 107 for Shower Drains

No-Hub Flashing Drain



Cast nickle ring and strainer, PVC top housing and collar, Cast Iron no-hub adapter. Tapped and plugged trap primer connection. Equivalent to:Zurn 415, Smith 2010, Wade 1100, and Josam 30000 series floor drains.

OUTSIDE DIA. TOP	DIAMETER BOTTOM	HEIGHT	STOCK NO	EACH
6 1/2"	2"	5"-6 7/8"	SC86322NR	152.70
6 1/2"	4"	5"-6 7/8"	SC86324NR	152.70

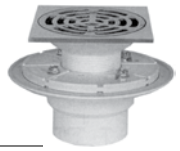
Adjustable On-Grade Cleanout



Cast nickle ring and cover, Grey PVC top housing, ABS or White PVC adapter. Pre-doped polypro plug included - ready for test. Highly polished cast metal cover provides a fantastic look. Brass female thread inserts for cover screws. Standard threads on cleanout \throat for easy adaptably to any FIP adapter.

OUTSIDE DIA. TOP	DIAMETER BOTTOM	HEIGHT	PLUG	STOCK NO	EACH
PVC					
6 1/2"	3"	4 1/4"-5 1/2"	2 1/2"	SC8523PNR	99.09
6 1/2"	4"	4 1/2"-5 3/4"	3 1/2"	SC8524PNR	99.09

821-200 Shower Pan Drain



Square cast metal ring & round strainer.
Square top is perfect for tile floors. ABS or PVC adapter. PVC top housing & collar.

Polished Cast Nickel

DESCR.	OUTSIDE DIA. TOP	DIAMETER BOTTOM	HEIGHT	STOCK NO	EACH
ABS	4 9/16"	2"	3 15/16"-5 15/16"	SC821200ANQ	56.22
PVC	4 9/16"	2"	3 15/16"-5 15/16"	SC821200PNQ	56.22

Finish Line
Adjustable Drainage System
(Adjustable AFTER the pour)



Adjustable Floor Drain
Schedule 40 PVC, round nickel, plastic body.
No. 832 On-Grade Adjustable Floor Drain • Complete Assembly

OUTSIDE DIA. TOP	DIAMETER BOTTOM	PRE-POUR HEIGHT	STOCK NO	EACH
5½"	2x3"	4.63"-5.5"	SC83225PNR	60.92
6½"	2"	5.5"-6.75"	SC8322PNR	79.60
6½"	3x4"	5.25"-6.5"	SC83236PNR	79.60
6½"	4"	5.5"-6.75"	SC8324PNR	79.60



Adjustable Flashing Drain
Schedule 40 PVC, round nickel, plastic body.
No. 833 Above-Grade Ajustable Floor Drain • Complete Assembly

OUTSIDE DIA. TOP	DIAMETER BOTTOM	PRE-POUR HEIGHT	STOCK NO	EACH
6½"	2"	4.8"-6.05"	SC8332PNR	98.28
6½"	3"	4.8"-6.05"	SC8333PNR	98.28
6½"	4"	4.8"-6.05"	SC8334PNR	98.28



Adjustable Flashing Drain
Ductile Iron, round nickel-bronze, ½" FIP thread, plugged.
No. 832 On-Grade Adjustable Floor Drain • Complete Assembly

OUTSIDE DIA. TOP	DIAMETER BOTTOM	PRE-POUR HEIGHT	STOCK NO	EACH
5½"	2"	4⅝"-5⅝"	SC83225DNR	148.68

Adjustable Floor Drain • Rough-In Drain Body
Schedule 40 Hub Connection, PVC body.

SCH. 40 HUB	STOCK NO	EACH
No. 832/833 • PVC Body ONLY • On-Grade		
2"	SC8322PF	21.12
3"	SC83236PF	21.12
4	SC8324PF	21.12

Schedule 40 Hub Connection, PVC body.

No. 832/833 • ABS Body ONLY • On-Grade		
3"	SC83236AF	21.12

Adjustable Flashing Drain • Rough-In Drain Body
No-Hub, Push-Joint, or Schedule 40 Hub Connection, PVC body.
No. 832/833 • Body ONLY • Above Grade

SCH. 40 HUB	STOCK NO	EACH
2"	SC8332PF	39.80
3"	SC8333PF	39.80
4	SC8334PF	39.80

Adjustable Drain • Finish Fixture
No. 832/833 • Nickel Finish Fixture ONLY

STRAINER DIA.	STOCK NO	EACH
6½" Round	SC8324HNR	58.48
7⅛" Square	SC8324HNQ	86.10

LittleMAX
No. 8643-P • Standard On-Grade Drain
Strainer ring can be used as a clamping collar for above-grade applications



STRAINER DIA.	STOCK NO	EACH
7¼" Round	SC8643P	59.84

Sand Bucket
For Use with LittleMAX Drain

STOCK NO	EACH
SC864S	11.09

See page 107 for Shower Drains



Adjustable Cleanout
Schedule 40 PVC, round nickel, plastic body.
No. 834 Adjustable Cleanout • Complete Assembly

OUTSIDE DIA. TOP	DIAMETER BOTTOM	PRE-POUR HEIGHT	STOCK NO	EACH
6½"	3"	5¼"-6½"	SC8343PNR	97.47
6½"	4"	5½"-6¾"	SC8344PNR	97.47

Cast Iron, round nickel-bronze ring & strainer.
No. 822 Adjustable Cleanout with Deck Flange • Complete



OUTSIDE DIA. TOP	DIAMETER NO-HUB	ADJ. FINISH HEIGHT	STOCK NO	EACH
5½"	3"	0"-¾"	SC822C3DNR	178.65

Adjustable Clean-Out • Finish Fixture
No. 834 • Nickel Finish Fixture ONLY

STRAINER DIA.	STOCK NO	EACH
6½" Round	SC8344HNR	73.10
7⅛" Square	SC8344HNQ	95.03

Adjustable Clean-Out

DESCRIPTION	STOCK NO	EACH
No. 834 • PVC Body ONLY • Sch. 40 Hub Connection		
3"	SC8343PF	24.37
4"	SC8344PF	24.37
No. 834 • ABS Body ONLY • Sch. 40 Hub Connection		
4"	SC8344AF	24.37



Halo Adjustable Floor Drain
Schedule 40 PVC, round nickel, plastic body with deck flange.

DESCRIPTION	ADJ. HEIGHT	STOCK NO	EACH
No. 822 On-Grade Adjustable Floor Drain • Complete Assembly			
2" x 3"	0"-¾"	SC8222PNR	70.67
3" x 4"	0"-¾"	SC8223PNR	70.67

Cast Iron, round nickel-bronze ring & strainer.



No. 822 Adjustable Floor Drain with Deck Flange • Complete			
2"	0"-¾"	SC8222DNR	151.77

Halo Finish Line Adjustable Floor Drain
Finish Fixture

DESCRIPTION	STOCK NO	EACH
Round	SC8323HNR	43.05

(18)



Perfect Prime
Brass Plated Trap Primer Valve

DESCRIPTION	STOCK NO	EACH
½" FIP x ½" MIP	SC69501	70.69

NOTE: Ductile Iron Style Finish Line Available upon request.

Josam Drains and Accessories (11)

mea-josam.com

Series 21500 Roof Drains



SIZE	STOCK NO	EACH
No-Hub		
2"	JO21502Z22	227.90
3"	JO21503Z22	227.90
4"	JO21504Z22	227.90
6"	JO21506Z22	303.35

Overflow Collar for Series 21500 and 21510

Clamp Ring



SIZE	STOCK NO	EACH
2"	JO029276	57.02

21500-1 Underdeck Clamp Only

For Series 21500 and 21510

STOCK NO	EACH
JO215001	60.32

Drainage Control Backwater Valve

Manual gate valve, C.I. body, brass working parts, 4" spigot outlet.



STOCK NO	EACH
JO67364	1248.98

(18)

Tru-Gap

Air Gap Fixture

2" PVC DWV Solvent Weld

- $4^{5}/_{8}$" Overall Width
- $2^{31}/_{32}$" Body Height
- 1" Hook Depth



STOCK NO	EACH
92534	27.08

Series 25010 Downspout Nozzel

Cast bronze Downspout Nozzle, loose wall flange connection. For diverting rainwater.



SIZE	STOCK NO	EACH
No-Hub Spigot Outlet		
3"	JO25013Z	155.77
4"	JO25014Z	155.77
6"	JO25016Z	369.65
8"	JO25018Z	562.75

Residential Carriers

For Siphon Jet Closets Only



PIPE SIZE	DESCRIPTION	STOCK NO	EACH
3"	Single, On-Stack Adapter Type for PVC PlasticPipe	JO16123	254.99

Commercial Carriers

Floor-mount, Concealed Arms



DESCRIPTION	STOCK NO	EACH
For 20x18 Lavatories	JO17100202	245.23

Floor-mounted, Urinal Carrier

Includes hanger plate, adjustable supporting rods, structural uprights and welded feet.



DESCRIPTION	STOCK NO	EACH
Adjustable Height	JO17550UR	185.69

Neoprene Carrier Gasket with Lubricant

STOCK NO	EACH
JONEOGA	47.30

Horizontal No-Hub Fittings

For Siphon Jet or Blowout Closets

Less Trim Pack (See Below)



PIPE SIZE	DESCRIPTION	STOCK NO	EACH
4"	Single Left-Hand, Standard Barrel	JO10674	181.76
4"	Single Right-Hand, Standard Barrel	JO10684	181.76
4"	Back-to-Back, Standard Barrel	JO10694	310.75

Trim Packs

For Siphot Jet or Blowout Closet.

To Complete Horizontal No-Hub Fittings:
One for each single carrier.
Two for each back to back carrier.



PIPE SIZE	STOCK NO	EACH
4"	JO12000	190.73
12" ABS Extension for J012000		
12"	JOC130	21.89

Positioning Frame

For Siphon Jet Carriers (ABS)

STOCK NO	EACH
JO565949	20.16

Trim Kit for Josam Carriers

DESCRIPTION	STOCK NO	EACH
Hardware less gasket	JOCAHA	131.96
Felt gasket only	JOCAGA	93.15

Drains and Accessories (11)

mea-josam.com

Josam



MEA-JOSAM Drainage Channel Pro-Plus 100C Series

Interconnecting channel sections made of SMC/GRP sheet molding compound/glass reinforced polyester. Channel support brackets capable of accepting re-bar, end outlets, bottom outlets and corner or T-sections.

Neutral Section • With 140122 Grate

LENGTH (1 METER TRENCH)	STOCK NO	EACH
(2) ½ meter grates	*PRO140002*	*196.18*

End Cap

STOCK NO	EACH
PRO100EC	*23.83*
with 4" Outlet	
PRO100OE4	*23.83*

Bottom Outlet

with 4" Outlet

STOCK NO	EACH
PRO100OB4	*23.83*

Brackets

STOCK NO	EACH
Channel Support	
PRO100BS	*16.68*
End Outlet Support	
PRO100BSW	*16.68*
Center Outlet Support	
PRO100BSC	*16.68*



Strainer Extension

Cast iron threaded strainer extension.

SIZE	MIN - MAX	STOCK NO	EACH
2¼"	*1¼" - 2"*	*2WT*	*30.03*



Series F Round Funnel

SIZE	STOCK NO	EACH
Nikaloy		
4"	*JOF4*	*105.37*



Series 3000 Floor Drain Body Only

SIZE	STOCK NO	EACH
No-Hub		
2"	*JO30002Z*	*46.78*
3"	*JO30003Z*	*46.78*
4"	*JO30004Z*	*46.78*



Series "A" Round Super-flo Strainer

SIZE	STOCK NO	EACH
Nikaloy		
5"	*JO5A*	*71.67*
6"	*JO6A*	*99.23*
7"	*JO7A*	*121.28*
8"	*JO8A*	*164.43*
Nikaloy with Flap		
6"	*JO6AJ*	*193.25*



Series 5500 Floor Clean Out

SIZE	STOCK NO	EACH
Nickel Bronze Top / No-Hub Out		
2"	*JO550021Z*	*156.08*
3"	*JO550031Z*	*164.43*
4"	*JO550041Z*	*219.87*
6"	*JO550061Z*	*357.84*

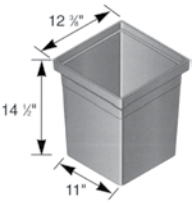


Series 32100 Floor Drain Super-flo 9" Top

SIZE	STOCK NO	EACH
No-Hub		
3"	*JO32103Z*	*125.06*
4"	*JO32104Z*	*125.06*

National Diversified Sales Products

ndspro.com

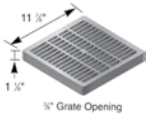


(02)

Square Sump Box Catch Basin

No. 1225

SIZE	STOCK NO	EACH
12 x 12"	*NDS1225*	*98.49*



(02)

Square Black Grate

No. 1211

SIZE	STOCK NO	EACH
12 x 12"	*NDS1211*	*74.04*

Sioux Chief

siouxchief.com



(18)

Standard Series PVC Roof Drains

SIZE	STOCK NO	EACH
2"	*SC867P2*	*54.43*
3"	*SC867P3*	*54.43*
4"	*SC867P4*	*54.43*

Under Deck Clamp

Use with 867 Roof Drains

STOCK NO	EACH
SC867C	*33.95*

Drains & Accessories

Watts Round Nikaloy Funnel

SIZE	STOCK NO	EACH
4" NB	4F41	193.13

Watts Nickel Bronze Strainer

Strainer ONLY • LESS Membrane Clamp

SIZE	STOCK NO	EACH
5"	A5	130.41
6"	A6	178.39



Watts Floor Drain Body

Body ONLY • No-Hub Outlet • with Clamp

SIZE	STOCK NO	EACH
2"	2FD102	86.62
3"	3FD103	86.62
4"	4FD104	86.62



Watts On-Grade Floor Drain Body

Body ONLY • No-Hub Outlet • LESS Clamp

SIZE	STOCK NO	EACH
2"	2B4342	95.38
3"	3B4343	155.03
4"	4B4344	59.37

Underdeck Clamp

With Hardware

STOCK NO	EACH
B15DC	108.73



Watts Floor Clean Out

Brass Plug • No-Hub Outlet

SIZE	STOCK NO	EACH
2"	2CO202R34B	281.70
3"	3CO203R34B	297.55
4"	4CO204R34B	396.82



Cast Iron Roof Drain

No-Hub Outlet • With DOMES

SIZE	STOCK NO	EACH
3"	3RD303K	413.23
4"	4RD304K	413.23
5"	5RD305K	548.93
6"	6RD306K	548.93

Exterior Overflow

For R-300 Roof Drains Suffix "R"

STOCK NO	EACH
RD300R	186.87

Commercial Carriers



Vertical Lavatory Carrier Track Style

DESCRIPTION	STOCK NO	EACH
For 20x18 Lavatories	TCA411	556.99



Floor Mounted Urinal Carrier

Epoxy coated floor mounted urinal carrier with heavy gauge steel offset uprights with welded feet, universal steel hangar support plate with integral mounting brackets and plated hardware.

DESCRIPTION	STOCK NO	EACH
42" with Slide Adjustment	CA311	339.26



Horizontal No-Hub Fittings

For Siphon Jet or Blowout Closets

With Trim Pack

PIPE SIZE	DESCRIPTION	STOCK NO	EACH
4"	Single Left-Hand, Standard Barrel	ISCA101L	726.90
4"	Single Right-Hand, Standard Barrel	ISCA101R	726.90
4"	Back-to-Back, Standard Barrel	ISCA101D	1358.14



Vertical No-Hub Fittings On-Stack, 4" Branch

PIPE SIZE	DESCRIPTION	STOCK NO	EACH
4"	Single Left-Hand, 2" Vent, Standard Barrel	ISCA121	825.34
4"	Back-to-Back, 2" Vent Same Side, Standard Barrel	ISCA121D	1456.58

(11)

Neo-Seal

Closet Gasket Kit

STOCK NO	EACH
Z1210574	42.38

(11a)



CA-1

Neoprene Closet Gasket

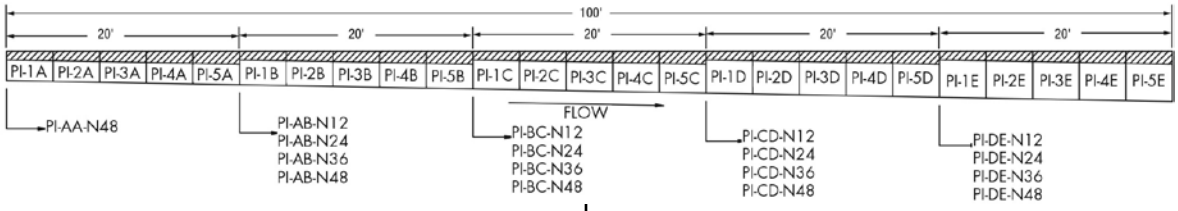
For back outlet toilets

STOCK NO	EACH
CA1	33.51

WATTS®

Pre-Sloped Poly Trench Drain System (11a)

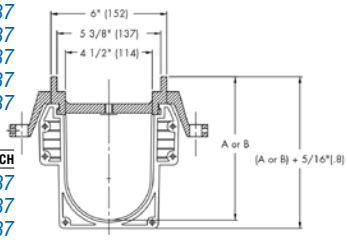
watts.com



Dead Level Polypropylene - Channel and Frame Only

A Series 4' - 20'

LENGTH	SLOPE	STOCK NO	EACH
48"	$5^{5}/_{8}$ - $5^{15}/_{16}$	WAPP1A	294.87
48"	$5^{15}/_{16}$ - $6^{1}/_{4}$	WAPP2A	294.87
48"	$6^{1}/_{4}$ - $6^{9}/_{16}$	WAPP3A	294.87
48"	$6^{9}/_{16}$ - $6^{7}/_{8}$	WAPP4A	294.87
48"	$6^{7}/_{8}$ - $7^{3}/_{16}$	WAPP5A	294.87
48"	$7^{3}/_{16}$	WAPPAB	294.87



B Series 20' - 40'

LENGTH	SLOPE	STOCK NO	EACH
48"	$7^{3}/_{16}$ - $7^{1}/_{2}$	WAPP1B	294.87
48"	$7^{1}/_{2}$ - $7^{13}/_{16}$	WAPP2B	294.87
48"	$7^{13}/_{16}$ - $8^{1}/_{8}$	WAPP3B	294.87
48"	$8^{1}/_{8}$ - $8^{7}/_{16}$	WAPP4B	294.87
48"	$8^{7}/_{16}$ - $8^{3}/_{4}$	WAPP5B	294.87
48"	$8^{3}/_{4}$	WAPPBC	294.87

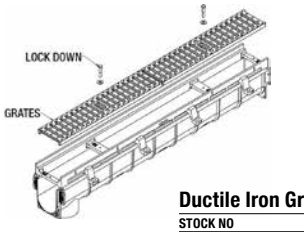
C Series 40' - 60'

LENGTH	SLOPE	STOCK NO	EACH
48"	$8^{3}/_{4}$ - $9^{1}/_{16}$	WAPP1C	294.87
48"	$9^{1}/_{16}$ - $9^{3}/_{8}$	WAPP2C	294.87
48"	$9^{3}/_{8}$ - $9^{11}/_{16}$	WAPP3C	294.87
48"	$9^{11}/_{16}$ - 10	WAPP4C	294.87
48"	10 - $11^{5}/_{16}$	WAPP5C	294.87

Neutral Section

LENGTH	STOCK NO	EACH
24"	WAPPABN24	147.88

Accessories - Must Order To Complete System



Ductile Iron Grate 6" x 24"

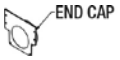
STOCK NO	EACH
WADIGR	190.21

Channel Screw

STOCK NO	EACH
WADLH1	2.10

Frame Lock / Bolt / Washer

STOCK NO	EACH
WAFL	19.91

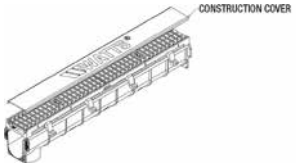


Male End Cap

STOCK NO	EACH
WAECM	37.43

Female End Cap

STOCK NO	EACH
WAECF	37.43



Construction Cover

STOCK NO	EACH
WAFGCC	28.90

Ductile Iron Grate Lockdown Bolt

STOCK NO	EACH
WADLH4	5.11

Frame Bolt

STOCK NO	EACH
WADLH2	1.37



24" x 24" Catch Basin with Grate

STOCK NO	EACH
WACB2424	1654.98

24" x 24" Trash Basket

STOCK NO	EACH
WATB2424	332.41



6" x 24" Catch Basin (No Grate)

STOCK NO	EACH
WACB624	602.93

6" x 24" Trash Basket

STOCK NO	EACH
WATB624	86.46

Dead Level Trench Components 4' - 16'

P4-E0-DI — **4 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	1	8187071
WAPP1A	4 foot A channel, F1 frame	1	8187241
WADIGR	6x24 ductile iron grate	2	8187307
WADLH1	channel screw	8	8187359
WADLH2	frame bolt	4	8187360
WADLH4	grate lockdown bolt, DI	2	8187362

P6-E0-DI — **6 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	2	8187071
WAFL	frame lock/bolt/washer	1	8187099
WAPP5A	4 foot A channel, F5 frame	1	8187245
WAPPABN24	24" neutral channel with poly frame	1	8187247
WADIGR	6x24 ductile iron grate	3	8187307
WADLH1	channel screw	16	8187359
WADLH2	frame bolt	8	8187360
WADLH4	grate lockdown bolt, DI	3	8187362

P8-E0-DI — **8 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	2	8187071
WAFL	frame lock/bolt/washer	1	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPP2A	4 foot A channel, F2 frame	1	8187242
WADIGR	6x24 ductile iron grate	4	8187307
WADLH1	channel screw	12	8187359
WADLH2	frame bolt	4	8187360
WADLH4	grate lockdown bolt, DI	4	8187362

P12-E0-DI — **12 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	3	8187071
WAFL	frame lock/bolt/washer	2	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPP2A	4 foot A channel, F2 frame	1	8187242
WAPP3A	4 foot A channel, F3 frame	1	8187243
WADIGR	6x24 ductile iron grate	6	8187307
WADLH1	channel screw	16	8187359
WADLH2	frame bolt	12	8187360
WADLH4	grate lockdown bolt, DI	6	8187362

P16-E0-DI — **16 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	4	8187071
WAFL	frame lock/bolt/washer	3	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPP2A	4 foot A channel, F2 frame	1	8187242
WAPP3A	4 foot A channel, F3 frame	1	8187243
WAPP4A	4 foot A channel, F4 frame	1	8187244
WADIGR	6x24 ductile iron grate	8	8187307
WADLH1	channel screw	20	8187359
WADLH2	frame bolt	16	8187360
WADLH4	grate lockdown bolt, DI	8	8187362

Dead Level Trench Components 20' - 50'

P20-EO-DI **20 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFG-CC	construction cover	5	8187071
WAFL	frame lock/bolt/washer	4	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPP2A	4 foot A channel, F2 frame	1	8187242
WAPP3A	4 foot A channel, F3 frame	1	8187243
WAPP4A	4 foot A channel, F4 frame	1	8187244
WAPP5A	4 foot A channel, F5 frame	1	8187245
WADIGR	6x24 ductile iron grate	10	8187307
WADLH1	channel screw	24	8187359
WADLH2	frame bolt	20	8187360
WADLH4	grate lockdown bolt, DI	10	8187362

P24-EO-DI **24 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	6	8187071
WAFL	frame lock/bolt/washer	5	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPPA2A	4 foot A channel, F2 frame	1	8187242
WAPP3A	4 foot A channel, F3 frame	1	8187243
WAPP4A	4 foot A channel, F4 frame	1	8187244
WAPP5A	4 foot A channel, F5 frame	1	8187245
WAPP1B	4 foot B channel, F1 frame	1	8187250
WADIGR	6x24 ductile iron grate	12	8187307
WADLH1	channel screw	28	8187359
WADLH2	frame bolt	24	8187360
WADLH4	grate lockdown bolt, DI	12	8187362

P40-EO-DI **40 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	10	8187071
WAFL	frame lock/bolt/washer	9	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPP2A	4 foot A channel, F2 frame	1	8187242
WAPP3A	4 foot A channel, F3 frame	1	8187243
WAPP4A	4 foot A channel, F4 frame	1	8187244
WAPP5A	4 foot A channel, F5 frame	1	8187245
WAPP1B	4 foot B channel, F1 frame	1	8187250
WAPP2B	4 foot B channel, F2 frame	1	8187251
WAPP3B	4 foot B channel, F3 frame	1	8187252
WAPP4B	4 foot B channel, F4 frame	1	8187253
WAPP-5B	4 foot B channel, F5 frame	1	8187254
WADIGR	6x24 ductile iron grate	20	8187307
WADLH1	channel screw	44	8187359
WADLH2	frame bolt	40	8187360
WADLH4	grate lockdown bolt, DI	20	8187362

P50-EO-DI **50 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	13	8187071
WAFL	frame lock/bolt/washer	12	8187099
WAPP4A	4 foot A channel, F4 frame	1	8187244
WAPP5A	4 foot A channel, F5 frame	1	8187245
WAPPABN24	24" neutral channel with poly frame	1	8187247
WAPP1B	4 foot B channel, F1 frame	1	8187250
WAPP2B	4 foot B channel, F2 frame	1	8187251
WAPP3B	4 foot B channel, F3 frame	1	8187252
WAPP4B	4 foot B channel, F4 frame	1	8187253
WAPP5B	4 foot B channel, F5 frame	1	8187254
WAPP-C	4 foot C channel, F1 frame	1	8187259
WAPP2C	4 foot C channel, F2 frame	1	8187260
WAPP3C	4 foot C channel, F3 frame	1	8187261
WAPP4C	4 foot C channel, F4 frame	1	8187262
WAPP5C	4 foot C channel, F5 frame	1	8187263
WADIGR	6x24 ductile iron grate	25	8187307
WADL-H1	channel screw	60	8187359
WADLH2	frame bolt	52	8187360
WADLH4	grate lockdown bolt, DI	25	8187362

Dead Level Trench Components 60'

P60-EO-DI **60 foot trench consisting of the following:**

STOCK NO	DESCRIPTION	QTY	WATTS NO
WAECM	male endcap	1	8187014
WAECF	female endcap	1	8187015
WAFGCC	construction cover	15	8187071
WAFL	frame lock/bolt/washer	14	8187099
WAPP1A	4 foot A channel, F1 frame	1	8187241
WAPP2A	4 foot A channel, F2 frame	1	8187242
WAPP3A	4 foot A channel, F3 frame	1	8187243
WAPP4A	4 foot A channel, F4 frame	1	8187244
WAP-5A	4 foot A channel, F5 frame	1	8187245
WAPP1B	4 foot B channel, F1 frame	1	8187250
WAPP2B	4 foot B channel, F2 frame	1	8187251
WAPP3B	4 foot B channel, F3 frame	1	8187252
WAPP4B	4 foot B channel, F4 frame	1	8187253
WAPP5B	4 foot B channel, F5 frame	1	8187254
WAPP1C	4 foot C channel, F1 frame	1	8187259
WAPP2C	4 foot C channel, F2 frame	1	8187260
WAPP3C	4 foot C channel, F3 frame	1	8187261
WAPP4C	4 foot C channel, F4 frame	1	8187262
WAPP5C	4 foot C channel, F5 frame	1	8187263
WADIGR	6x24 ductile iron grate	30	8187307
WADLH1	channel screw	64	8187359
WADLH2	frame bolt	60	8187360
WADLH4	grate lockdown bolt, DI	30	8187362
*WACB2424	24X24 catch basin, ductile frame/gr		8187320
WATB2424	trash basket, 24x24		8187304
*WACB624	6x24 catch basin, poly frame		8187322
WATB624	trash basket, 6x24		8154020
WADIGR	6x24 ductile iron grate		8187307

*** catch basins connect to #5 frame and channels, or neutral channels**

Schier Grease Interceptors (11)



Great Basins
Indoor Grease Interceptors.
Can be installed on-floor, buried or the low-profile models can be under or next to sinks.

GPM	PIPE SIZE	STOCK NO	EACH
20 or 25	2" or 3"	SCHGB1	705.53
35 or 50	3" or 4"	SCHGB2	1109.75
50 or 75	3" or 4"	SCHGB3	1809.31

Pumpout Port Kit
Pumpout fitting, piping, 3" cam and groove fitting with cap.
Use with Great Basin models: SHGB1, SHGB2 and SHGB3.



STOCK NO	EACH
PP1	162.58

Great Basin Riser
Riser for grease interceptors with covers installed below grade.
Use with Great Basin models: SHGB1, SHGB2 and SHGB3.



STOCK NO	COVER SIZE	EACH
FCR1	21"	384.09
FCR2	24"	514.60

Great Basin
Grease Interceptors



STOCK NO	EACH
GB50	2311.23
GB75	3139.07
GB250	5615.13

Inflammable Waste Traps (02)

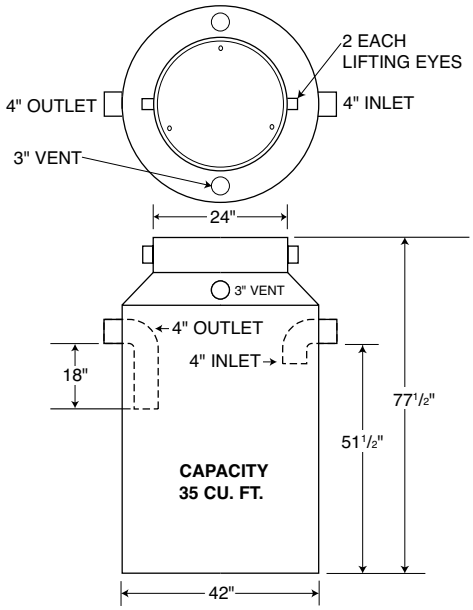
Standard Waste Trap
With gas Tight Cover. 4" Double Vent

CU. FT	STOCK NO	EACH
10	WATRGT10	2109.60
35	WATRGT	2685.60

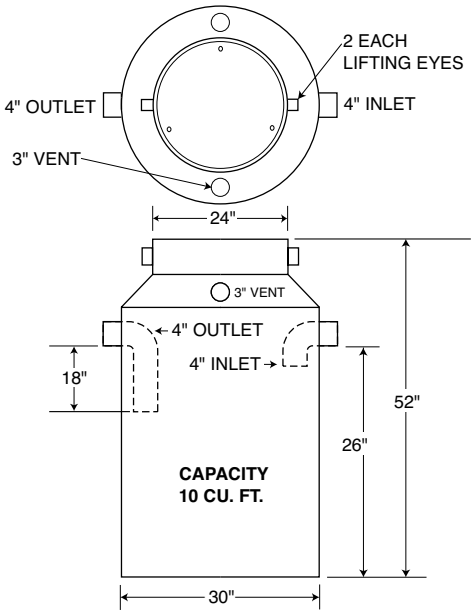
35 CU. FT. TANKS MEET MN PLUMBING CODE SECTION 1017.0 & 4715.1120
10 CU. FT. TANKS MEET MN PLUMBING CODE SECTION 1017.0

- 35 CU. Feet tanks are fabricated from 3/16" thick hot roll steel.
- 10 CU. Feet tanks are fabricated from 1/8" thick hot roll steel.
- Inlets and Outlets are 4" Sch. 40 IPS
- Vents are 3" Sch. 40 IPS
- Covers are made from 3/8" thick diamond plate and fastened with three 3/8" bolts and gasket.
- Tanks have two lifting eyes for easy installation.
- Tanks are sealed inside and outside with pure asphalt coating.

35 Cubic Feet Model



10 Cubic Feet Model



Rated Working Pressures For Bronze Valves

Pressure • Temperature Ratings • Non-Shock

PRESSURE P.S.I.[1]							
	CLASS 125[3] Threaded[5]	CLASS 150 Threaded	CLASS 150 Flanged[5]	CLASS 200 Threaded[4]	CLASS 300 Threaded	CLASS 300 Flanged[5]	2000 Hydr. Threaded
Temp °F[2]	ASTM B-62			ASTM B-61			
-20 to 150°	200	300	225	400	1000	500	2000
200°	185	270	210	375	920	475	---
250°	170	240	195	350	830	450	---
300°	155	210	180	325	740	425	---
350°	140	180	165	300	650	400	---
400°	---	---	---	275	560	375	---
406°	125	150	150	---	---	---	---
450°	120[6]	145[6]	---	250	480	350	---
500°	---	---	---	225	390	325	---
550°	---	---	---	200	300	300	---

1. Solder end valves are limited by temperatures which affect the strength of the solder joint. These ratings must be adjusted as below:
2. For lower temperatures, pressures for temperatures -20 to 150° shall apply. Uses for low temperature shall conform to the rules of applicable codes under which they are to be used.
3. Buna-N disc valves limited to 150° F. temperatures.
4. Teflon disc valves limited to 450° F. temperatures.
5. P-T ratings—ANSI B16.24-1971.
6. Some codes (i.e. ASME BPVC, Section 1) limit the rating temperatures of the indicated material to 406° F.

Adjusted Pressure Ratings

Joint made of Copper Tube and Solder End Valves
Extracted from MSS SP-80

Water, Non-Corrosive Liquids and Gases					
		Valve Sizes			
Solder Used	Temp °F	¼ thru 1'	1¼ thru 2"	2½ thru 4"	Saturated Steam P.S.I.G.
50-50	100°	200	175	150	---
Tin Lead	150°	150	125	100	---
(ASTM B-32, Alloy Grade 50-A)	200°	100	90	75	---
	250°	85	75	50	*15
95-5	100°	500	400	300	---
Tin Antimony	150°	400	350	275	---
	200°	300	250	200	---
	250°	200	175	150	*15
Taramet	100°	800	600	400	---
Sterling	150°	600	450	325	---
	200°	400	375	175	---
	250°	300	200	150	---
* This pressure is determined by the temperature of saturated steam at the maximum temperature shown.					



LEAD FREE
No. 105
Bronze Gate Valve
Ultra Pure
- 300 lb. WOG
- General Service
- Solid Wedge Disc
- Non-Rising Stem
- Threaded Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
½"	12UP105	137.54
¾"	34UP105	167.28
1"	1UP105	211.83
1¼"	114UP105	323.40
1½"	112UP105	375.37
2"	2UP105	490.59
125 lb SWP • 200 lb WOG • LEAD		
2½"	212105	878.89
3"	3105	1072.53



LEAD FREE
No. 115
Bronze Gate Valve
Ultra Pure
- 300 lb. WOG
- General Service
- Solid Wedge Disc
- Non-Rising Stem
- Threaded Bonnet
- Gland Packed
- Copper x Copper

SIZE	STOCK NO	EACH
½"	12UP115	137.54
¾"	34UP115	167.28
1"	1UP115	226.72
1½"	112UP115	386.56
2"	2UP115	535.20



LEAD FREE
No. 148
Bronze Gate Valve
Ultra Pure
- 300 lb. WOG
- General Service
- Solid Wedge Disc
- Rising Stem
- Threaded Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
¼"	14UP148	167.28
⅜"	38UP148	167.28
½"	12UP148	148.63
¾"	34UP148	185.83
1"	1UP148	249.00
1¼"	114UP148	356.81
1½"	112UP148	427.40
2"	2UP148	535.20
125 lb SWP • 200 lb WOG • LEAD		
2½"	212148	985.90
3"	3148	1347.63



LEAD FREE
No. 149
Bronze Gate Valve
Ultra Pure
- 300 lb. WOG
- General Service
- Solid Wedge Disc
- Rising Stem
- Threaded Bonnet
- Gland Packed
- Copper x Copper

SIZE	STOCK NO	EACH
½"	12UP149	152.37
¾"	34UP149	189.55
1"	1UP149	249.00
1¼"	114UP149	397.70
1½"	112UP149	446.00
2"	2UP149	617.03
125 lb SWP • 200 lb WOG • LEAD		
3"	3149	1403.68



No. 1152
Bronze Gate Valve
- 125 lb. SWP • 200 lb. WOG
- Industrial Service
- Solid Wedge Disc
- Rising Stem
- Union Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
½"	121152	129.92
¾"	341152	155.40
1"	11152	198.69
1¼"	1141152	280.21
1½"	1121152	341.36
2"	21152	458.55
3"	31152	1518.30



No. 1151
Bronze Gate Valve
- 150 lb. SWP • 300 lb. WOG
- Industrial Service
- Solid Wedge Disc
- Rising Stem
- Union Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
¼"	141151	145.19
⅜"	381151	145.19
½"	121151	142.67
¾"	341151	165.60
1"	11151	216.56
1¼"	1141151	295.54
1½"	1121151	364.29
2"	21151	506.92
2½"	2121151	1164.21
3"	31151	1610.02



No. 1153
Bronze Gate Valve
- 200 lb. SWP • 400 lb. WOG
- Industrial Service
- Solid Wedge Disc
- Rising Stem
- Union Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
½"	121153	196.15
¾"	341153	234.40
1"	11153	336.24
1½"	1121153	517.17
2"	21153	807.56



No. 1182
Bronze Gate Valve
- 300 lb. SWP • 1000 lb. WOG
- Heavy Duty Service
- Solid Wedge Disc
- Rising Stem • Cu-Ni Seat
- Union Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
¼"	141182	242.00
⅜"	381182	242.00
½"	121182	213.97
¾"	341182	254.77
1"	11182	371.93
1¼"	1141182	565.54
1½"	1121182	573.19
2"	21182	891.61



LEAD FREE

No. 502 Bronze Globe Valve

Ultra Pure
- 300 lb. WOG
- Plumbing & Heating
- Bronze Disc
- Threaded Bonnet • FIPxFIP

SIZE	STOCK NO	EACH
¼"	14UP502	237.82
⅜"	38UP502	237.82
½"	12UP502	237.82
¾"	34UP502	293.62
1"	1UP502	394.00
1¼"	114UP502	520.36
1½"	112UP502	680.15
2"	2UP502	1033.25



No. 590T Bronze Globe Valve

- 150 lb. SWP
- 300 lb. WOG
- Heavy Duty Service
- Teflon Steam Disc
- Union Bonnet • Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
½"	12590T	193.60
¾"	34590T	264.91
1"	1590T	410.18
1¼"	114590T	649.62
1½"	112590T	779.57
2"	2590T	1179.50



No. 595T Bronze Angle Globe Valve

- 150 lb. SWP
- 300 lb. WOG
- Heavy Duty Service
- Teflon Steam Disc
- Union Bonnet • Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
¼"	14595T	264.91
½"	12595T	264.91
¾"	34595T	361.76
1"	1595T	527.35
1¼"	114595T	682.76
2'	2595T	1431.69



No. 570 Bronze Globe Valve

- 200 lb. SWP
- 400 lb. WOG
- General Service
- Bronze Regrinding Disc
- Union Bonnet • FIPxFIP

SIZE	STOCK NO	EACH
¾"	34570	282.79
1"	1570	427.98
2"	2570	1176.97



No. 592A Bronze Globe Valve

- 200 lb. SWP @ 550°F
- 400 lb. WOG @ 150°F
- Heavy Duty Service
- Special Hardened S.S. Seat Ring and Disc
- Union Bonnet • Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
½"	12592A	343.91
¾"	34592A	478.96
1"	1592A	580.85
1¼"	114592A	810.12
1½"	112592A	1133.65



No. 600 Bronze Globe Valve

- 200 lb. SWP
- 400 lb. WOG
- Flow Control
- Needle Point Bronze Stem
- Threaded Bonnet • Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
¾"	34600	435.65



No. 572 Bronze Globe Valve

- 300 lb. SWP
- 600 lb. WOG
- General Service
- Bronze Regrinding Disc
- Union Bonnet • Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
½"	12572	221.66
¾"	34572	320.98
1"	1572	478.96
1½"	112572	873.78



No. 593A Bronze Globe Valve

- 300 lb. SWP @ 550°F
- 600 lb. WOG @ 150°F
- Heavy Duty Service
- Special Hardened S.S. Seat Ring and Disc
- Union Bonnet
- Gland Packed • FIPxFIP

SIZE	STOCK NO	EACH
¼"	14593A	351.56
¾"	34593A	496.78
1¼"	114593A	822.86
1½"	112593A	1164.21



No. 509
Bronze Check Valve

Ultra Pure
General Service • FIPxFIP

SIZE	DISC	STOCK NO	EACH
LEAD FREE • 300 lb WOG			
¼"	Brass	14UP509	185.83
⅜"	Brass	38UP509	185.83
½"	Brass	12UP509	185.83
¾"	Brass	34UP509	219.28
1"	Brass	1UP509	293.62
1¼"	Brass	114UP509	408.81
1½"	Brass	112UP509	490.59
2"	Bronze	2UP509	709.90
LEADED • 200 lb WOG			
2½"	Bronze	212509	1156.57
3"	Bronze	MI3509	1717.00



No. 509T
Bronze Check Valve

Steam Service • Teflon Disc
Horizontal swing. FIPxFIP

SIZE	STOCK NO	EACH
½"	12509T	135.01
¾"	34509T	157.95
1"	1509T	216.56
1¼"	114509T	303.14
1½"	112509T	354.09
2"	2509T	517.17



No. 1509
Bronze Check Valve

Ultra Pure
General Service • Copper x Copper

SIZE	DISC	STOCK NO	EACH
LEAD FREE • 300 lb WOG			
½"	Brass	12UP1509	193.27
¾"	Brass	34UP1509	260.17
1"	Brass	1UP1509	382.79
1¼"	Brass	114UP1509	542.64
1½"	Brass	112UP1509	635.57
2"	Bronze	2UP1509	932.87



No. 1509T
Bronze Check Valve

125 lb. SWP • 200 lb. WOG
General Service • Teflon Disc for Steam Service
Copper x Copper

SIZE	STOCK NO	EACH
½"	121509T	140.11
¾"	341509T	188.52
1"	11509T	272.57
1¼"	1141509T	384.67
1½"	1121509T	450.88
2"	21509T	654.72



No. 510T
Bronze Check Valve

150 lb. SWP • 300 lb. WOG
Industrial Service • Teflon Steam Disc
FIP x FIP

SIZE	STOCK NO	EACH
½"	12510T	183.40
¾"	34510T	234.40
1"	1510T	285.31
1¼"	114510T	407.61
1½"	112510T	542.59
2"	2510T	799.89



No. 507
Bronze Y Pattern Check Valve

300 lb. SWP-550°F • 600 lb. WOG
Bronze Regrinding Disc • FIP x FIP

SIZE	STOCK NO	EACH
⅜"	38507	216.56
½"	12507	216.56
¾"	34507	270.07
1"	1507	364.29
1¼"	114507	471.28
1½"	112507	626.66
2"	2507	924.72



No. 508
Bronze Y Pattern Check Valve

200 lb. SWP-425°F • 400 lb. WOG-150°F
Bronze Regrinding Disc • FIP x FIP

SIZE	STOCK NO	EACH
⅜"	38508	201.26
½"	12508	201.26
¾"	34508	257.30
1"	1508	318.41
1¼"	114508	435.65
1½"	112508	583.39
2"	2508	850.87

Iron Body Gate Valves



No. F-2882-M Iron Body Gate Valve

- 125 lb. SWP
- 200 lb. WOG
- Non-Rising Stem
- Solid Wedge Disc
- Bolted Bonnet
- Gland Packed
- Flanged Ends

SIZE	STOCK NO	EACH
2½"	212F2882M	1061.58
3"	3F2882M	1200.31
4"	4F2882M	1727.33
5"	5F2882M	2894.80
6"	6F2882M	2894.80



No. F-2885-M International Iron Body Gate Valve

- 125 lb. SWP
- 200 lb. WOG
- OS and Y
- Solid Wedge Disc
- Bolted Bonnet
- Gland Packed
- Flanged Ends

SIZE	STOCK NO	EACH
2"	2F2885M	1056.54
2½"	212F2885M	1091.85
3"	3F2885M	1217.92
4"	4F2885M	1775.17
5"	5F2885M	2930.12
6"	6F2885M	2930.12
8"	8F2885M	5144.07
10"	10F2885M	9178.63
12"	12F2885M	12265.03



No. F-2894-M Iron Body Gate Valve

- 250 lb. SWP @ 450°F
- 500 lb. WOG
- OS and Y
- Solid Wedge Disc
- Bolted Bonnet
- Gland Packed
- Flanged Ends

SIZE	STOCK NO	EACH
2½"	212F2894M	3081.37
3"	3F2894M	3436.94
4"	4F2894M	5073.46
6"	6F2894M	8596.19

UL/FM IBBM Gate Valves



(02)

No. F-2885-FP Iron Body Gate Valve

- 175 lb. WOG
- OS and Y
- Flanged Ends

SIZE	STOCK NO	EACH
4"	4F2885FP	1859.85

Iron Body Globe Valves



No. F-2981-M Iron Body Globe Valve

- 125 lb. SWP
- 200 lb. WOG
- Solid Disc
- Bolted Bonnet
- Gland Bonnet
- Flanged Ends

SIZE	STOCK NO	EACH
2½"	212F2981M	2282.02
3"	3F2981M	2685.49
4"	4F2981M	3847.97

Suffix M — Signifies "MILVACO" Series International Valves.

Iron Body Check Valves

These iron body check valves may be installed in both horizontal and vertical lines with upward flow or in any intermediate position.



No. F-2974-M International Iron Body Horizontal Swing Check Valve

125 lb. SWP • 200 lb. WOG
Bolted Cap • Flanged Ends

SIZE	STOCK NO	EACH
2"	2F2974M	732.86
2½"	212F2974M	941.12
3"	3F2974M	1020.21
4"	4F2974M	1621.25
5"	5F2974M	2752.18
6"	6F2974M	2752.18
8"	8F2974M	5190.64

Suffix M — Signifies "MILVACO" Series International Valves.



No. F-2974M26 Cast Iron Body Check Valve International

125 lb. SWP • 200 lb. WOG
Bolted Cap • Flanged Ends
Conforms to MSS SP-71, Type 1.

SIZE	STOCK NO	EACH
2½"	212F2974M26	1344.41
3"	3F2974M26	1457.39
4"	4F2974M26	2315.96

Cast Steel Check Valves



1570CB2 Cast Steel Horizontal Swing Check Valve

- Class 150
- Flanged Ends

SIZE	STOCK NO	EACH
2½"	212CSFLCV	1045.23
3"	3CSFLCV	1045.23
4"	4CSFLCV	1482.22
6"	6CSFLCV	2352.39
8"	8CSFLCV	3874.25

3070CB2

- Class 300
- Flanged Ends

SIZE	STOCK NO	EACH
3"	3CS300FLCV	1534.61
4"	4CS300FLCV	2072.57
6"	6CS300FLCV	3676.19

Series "M" & "C" Butterfly Valves



LEAD FREE

Cast Iron Body Butterfly Valve

- 200 CWP
- Aluminum Bronze Disc
- EDPM Disc
- Wafer Style

"C" Series Commercial Valves

SIZE	STOCK NO	EACH
No CW223-E		
2"	2CW223E	286.62
2½"	212CW223E	286.62
3"	3CW223E	302.46
4"	4CW223E	382.30
5"	5CW223E	474.62
6"	6CW223E	599.46
8"	8CW223E	821.21



LEAD FREE

CL-323-E Lug Style

- Gear Operator

"C" Series Commercial Valves

WHEEL SIZE	STOCK NO	EACH
No CL323-EC International		
8"	8CL323EC	1286.39
10"	10CL323EC	1736.69
12"	12CL323EC	2508.55

See Cap Screw Size and Qty. on Page 1407



LEAD FREE

Cast Iron Body Butterfly Valve

- 200 CWP
- Aluminum Bronze Disc
- EDPM Disc
- Lug Style

"C" Series Commercial Valves

SIZE	STOCK NO	EACH
No CL223-EC International		
2"	2CL223EC	308.73
2½"	212CL223EC	308.73
3"	3CL223EC	321.58
4"	4CL223EC	385.94
5"	5CL223EC	558.63
6"	6CL223EC	643.23

Cast Steel Globe Valves



1560CB2 Cast Steel Globe Valve

- Class 150
- Rising Stem
- Bolted Bonnet
- Welded Seat Rings
- Flanged Ends

SIZE	STOCK NO	EACH
3"	3CSFLGLV	1399.46
4"	4CSFLGLV	2200.02
6"	6CSFLGLV	3696.03

Cast Steel Gate Valves



1550CB2 Cast Steel Gate Valve

- Class 150
- Rising Stem
- Bolted Bonnet
- Welded Seat Rings
- Flanged Ends

SIZE	STOCK NO	EACH
2"	2CSFLGV	878.79
2½"	212CSFLGV	1260.12
3"	3CSFLGV	1260.12
4"	4CSFLGV	1612.14
6"	6CSFLGV	2482.37
8"	8CSFLGV	4015.06

3050CB2

- Class 300
- Rising Stem
- Bolted Bonnet
- Welded Seat Rings
- Flanged Ends

SIZE	STOCK NO	EACH
3"	3CS300FLGV	1684.24
4"	4CS300FLGV	2200.02
6"	6CS300FLGV	3797.49

Flange Bolting for Milwaukee Butterfly Valves



Machine Bolts



Stud Bolts



Cap Screws

Valve Type	Class	Valve Size	Bolt Dia.	Threads Per Inch	Number of Tapped Holes		Machine Bolt				Stud				Cap Screw	
							Machine Bolt		Cap Screw Blind		Stud		Stud-Blind Hole			
					Through	Blind	Qty	Length	Qty	Length	Qty	Length	Qty	Length	Qty	Length
LUG	125	2	0.625	11	4	—	4	4.00	—	—	4	4.75	—	—	8	1.50
		2-1/2	0.625	11	4	—	4	4.50	—	—	4	5.00	—	—	8	1.50
		3	0.625	11	4	—	4	4.50	—	—	4	5.25	—	—	8	1.75
		4	0.625	11	8	—	8	5.00	—	—	8	5.75	—	—	16	1.75
		5	0.750	10	8	—	8	5.50	—	—	8	6.25	—	—	16	2.00
		6	0.750	10	8	—	8	5.50	—	—	8	6.25	—	—	16	2.00
		8	0.750	10	8	—	8	6.00	—	—	8	6.75	—	—	16	2.25
		10	0.875	9	12	—	12	6.50	—	—	12	7.50	—	—	24	2.25
		12	0.875	9	12	—	12	7.00	—	—	12	8.00	—	—	24	2.75
		14	1.000	8	12	—	12	7.50	—	—	12	8.50	—	—	24	2.75
		16	1.000	8	16	—	16	8.75	—	—	16	9.75	—	—	32	3.00
		18	1.125	7	16	—	16	9.50	—	—	16	10.75	—	—	32	3.50
		20	1.125	7	16	8	16	10.25	8	3.50	16	11.50	8	5.50	40	3.50
		24	1.250	7	16	8	16	12.00	8	3.50	16	13.00	8	5.50	40	3.50
WAFER	125	2	0.625	11	—	—	4	4.50	—	—	4	5.00	—	—	8	1.50
		2-1/2	0.625	11	—	—	4	4.75	—	—	4	5.25	—	—	8	1.75
		3	0.625	11	—	—	4	5.00	—	—	4	5.50	—	—	8	1.75
		4	0.625	11	—	—	8	5.00	—	—	8	5.75	—	—	16	1.75
		5	0.750	10	—	—	8	5.25	—	—	8	6.00	—	—	16	2.00
		6	0.750	10	—	—	8	5.50	—	—	8	6.25	—	—	16	2.00
		8	0.750	10	—	—	8	6.00	—	—	8	6.75	—	—	16	2.25
		10	0.875	9	—	—	12	6.50	—	—	12	7.50	—	—	24	2.25
		12	0.875	9	—	—	12	7.00	—	—	12	8.00	—	—	24	2.75
		14	1.000	8	4	—	12	7.50	—	—	12	8.50	—	—	24	2.75
		16	1.000	8	4	—	16	8.50	—	—	16	9.50	—	—	32	3.00
		18	1.125	7	4	—	16	9.50	—	—	16	10.50	—	—	32	3.50
		20	1.125	7	—	8	16	10.25	8	3.50	16	11.50	8	5.25	40	3.50
		24	1.250	7	—	8	16	12.00	8	3.50	16	13.00	8	5.25	40	3.50

NOTES:

Bolting lengths do not include clearance for washers. If washers are to be used their thickness must be added to the suggested bolting length Bolting should be in accordance with ASME B18.2.1
Hex nuts should be in accordance with ASME B18.2.2 (Heavy hex used for calculation)
Bolting and hex nuts are Unified Coarse Thread Series (UNC) Class 2A (bolts) and Class 2B (hex nuts) per ASME B1.1
20 inch and 24 inch lug valves have 4 blind tapped holes each side (8 total)
14 inch through 18 inch wafer valves have 4 thru tapped holes, 20 inch and 24 inch wafer valves have 4 blind tapped holes each side (8 total) Consult factory for flange bolting above 24"

MILWAUKEE VALVES CAP SCREW MATCHUPS	
MILWAUKEE VALVE PART NUMBER	CAP QTY. - PART NUMBER FOR EACH VALVE
2CL223EC	8 - 58X112CASC
212CL223EC	8 - 58X112CASC
3CL223EC	8 - 58X134CASC
4CL223EC	16 - 58X134CASC
5CL223EC	16 - 34X2CASC
6CL223EC	16 - 34X2CASC
8CL323EC	16 - 34X214CASC
10CL323EC	24 - 78X214CASC
12CL323EC	24 - 78X234CASC

See page 1040 for Cap Screws

See Page 1116
for ProPress Ball Valves

Milwaukee Valves (12)
Commercial Ball Valves
milwaukeevalve.com



LEAD FREE / ULTRA PURE
BA100/BA150 Ball Valves
Two-Piece
Full-Port (½"-¾") • Standard-Port (1"-2")
600 PSIG WOG • Blow-Out Proof Stem

SIZE	STOCK NO	EACH
BA-100 Threaded		
½"	12UPBA100	33.53
¾"	34UPBA100	55.09
1"	1UPBA100	60.87
1¼"	114UPBA100	117.58
1½"	112UPBA100	150.06
2"	2UPBA100	189.00
BA-150 Solder End		
½"	12UPBA150	33.53
¾"	34UPBA150	55.09
1"	1UPBA150	60.87
1¼"	114UPBA150	117.58
1½"	112UPBA150	150.06
2"	2UPBA150	189.00



BA100H/BA150H Bronze Ball Valves
Two-piece • with cap & chain
600 PSIG WOG-150 SWP

SIZE	STOCK NO	EACH
BA100H-FIP x Hose		
½"	12BA100H	37.11
¾"	34BA100H	50.12
BA150H-SWT x Hose		
½"	12BA150H	37.11
¾"	34BA150H	50.12

NOTE: 50 PSI Maximum For Hose Caps



BA100ELD with Exhaust (When Closed) and Latchlock Handle

SIZE	STOCK NO	EACH
½"	12BA100ELD	39.74
¾"	34BA100ELD	58.09
1"	1BA100ELD	70.45



LEAD FREE
BA300S/BA350S Full Port Ball Valves
- Three-piece, Full port Bronze
- Stainless Steel Ball and Stem
- 600 PSIG WOG

SIZE	STOCK NO	EACH
BA300S-IPS		
½"	12BA300S	167.56
¾"	34BA300S	199.50
1"	1BA300S	289.96
1¼"	114BA300S	392.82
1½"	112BA300S	499.27
2"	2BA300S	815.19
BA350S-SWT		
½"	12BA350S	167.56
¾"	34BA350S	199.50
1"	1BA350S	289.96



BA-350TE-2G Full Port Ball Valves
- Three-piece, Full port Bronze.
- Stainless Steel Locking Lever
- 600 PSIG WOG
- Extended Tube Ends with ⅛" NPT Gauge Ports
- Two Gauge Ports

Not intended for use in potable water

SIZE	STOCK NO	EACH
Cleaned For Oxygen Service		
½"	12BA350TE2GLDOC	271.95
¾"	34BA350TE2GLDOC	282.39
1"	1BA350TE2GLDOC	349.31



LEAD FREE
BA400S/BA450S Full Port Ball Valves
Ultra Pure
Two-piece • Full port Bronze Body
Stainless Steel Ball and Stem • Threaded ends
600 PSIG WOG

SIZE	STOCK NO	EACH
BA400S-IPS		
¼"	14UPBA400S	52.22
⅜"	38UPBA400S	52.22
½"	12UPBA400S	52.22
¾"	34UPBA400S	94.96
1"	1UPBA400S	110.59
1¼"	114UPBA400S	274.51
1½"	112UPBA400S	329.59
2"	2UPBA400S	551.79
BA450S-SWT		
½"	12UPBA450S	52.22
¾"	34UPBA450S	94.96
1"	1UPBA450S	110.59
1¼"	114UPBA450S	274.51
1½"	112UPBA450S	329.59
2"	2UPBA450S	551.79

MILWAUKEE VALVE

Accessories

Latchlock Handles

MODEL	SIZE	STOCK NO	EACH
BA100/150	¼" - ½"	8686D940	9.15
BA100/150	¾" - 1"	8686F940	12.20
BA100/150	1¼" - 3"	8686J940	18.38
BA300/350	¼" - ½"	8686D940	9.15
BA300/350	¾"	8686F940	12.20
BA300/350	1" - 1½"	8686J940	18.38
BA300/350	2"	8686K940	18.38
BA400/450	¼" - ½"	8686D940	9.15
BA400/450	¾"	8686F940	12.20
BA400/450	1" - 1½"	8686J940	18.38
BA400/450	2"	8686K940	18.38

MS Memory Stops

MODEL	SIZE	STOCK NO	EACH
BA100/150	¼" - ½"	8685D940	3.86
BA100/150	¾" - 1"	8685F940	3.86
BA100/150	1¼" - 3"	8685J940	3.86
BA300/350	¼" - ½"	8685D940	3.86
BA300/350	¾"	8685F940	3.86
BA300/350	1" - 2"	8685J940	3.86
BA400/450	1" - 2"	8685J940	3.86

XH Extension Stems

MODEL	SIZE	STOCK NO	EACH
BA100/150	¼" - ½"	8672D940	10.92
BA100/150	¾" - 1"	8672F940	10.92
BA100/150	1¼" - 3"	8672J940	19.30
BA300/350	¼" - ½"	8672D940	10.92
BA300/350	¾"	8672F940	10.92
BA300/350	1" - 1½"	8672J940	19.30
BA300/350	2"	8672K940	19.30
BA400/450	1" - 1½"	8672J940	19.30
BA400/450	2"	8672K940	19.30

Extended Locking Devices

MODEL	SIZE	STOCK NO	EACH
BA100/150	¼" - ½"	86218D09940	52.59
BA100/150	¾" - 1"	86218E09940	62.07
BA100/150	1¼" - 3"	86218G09940	82.05
BA300/350	¼" - ½"	86218D09940	52.59
BA300/350	¾"	86218E09940	62.07
BA300/350	1" - 1½"	86218G09940	82.05
BA300/350	2"	86218J09940	107.28
BA400/450	1" - 1½"	86218G09940	82.05
BA400/450	2"	86218J09940	107.28

Commercial Ball Valves



LEAD FREE

BA475B/BA485B Brass Ball Valves

2-Piece • Full Port • Blow-Out Proof Stem

SIZE	STOCK NO	EACH
BA-475B Threaded Ends, 600 PSIG WOG		
¼"	14UPBA475B	20.92
⅜"	38UPBA475B	20.92
½"	12UPBA475B	19.97
¾"	34UPBA475B	30.21
1"	1UPBA475B	44.28
1¼"	114UPBA475B	69.90
1½"	112UPBA475B	100.31
2"	2UPBA475B	155.86
BA-475B Threaded Ends, 400 PSIG WOG (Not Gas Rated)		
2½"	212UPBA475B	365.29
3"	3UPBA475B	491.94
BA-485B Solder End, 600 PSIG WOG		
½"	12UPBA485B	19.02
¾"	34UPBA485B	27.99
1"	1UPBA485B	42.62
1¼"	114UPBA485B	65.75
1½"	112UPBA485B	97.38
2"	2UPBA485B	147.32
BA-485B Solder End, 400 PSIG WOG		
2½"	212UPBA485B	365.29
3"	3UPBA485B	491.94

BA475B/BA480B/BA485B Accessories

SIZE	STOCK NO	EACH
Memory Stop		
¼ -½"	8662D940	3.66
¾ - 1"	8662F940	3.96
1¼ - 2"	8662J940	4.92
2½ - 3"	8662K940	4.92
XH Extension Stem		
¼ - ½"	EXTEN15XA	11.42
¾ - 1½"	EXTEN25XA	13.92
2"	EXTEN38XA	19.01
2½" - 3"	EXTEN50XA	36.71
Locking Handle		
¼ -½"	27995AMV	8.85
¾ - 1"	27996AMV	11.84
1¼ - 1½"	27997AMV	17.70
2"	27998AMV	23.28



BA260 Series Ball Valve CF8M Stainless Steel

2-Piece • Full port • PTFE-Packing
RPTFE Seats • Locking Handle • 1000# WOG

SIZE	STOCK NO	EACH
BA-260 Threaded		
½"	12BA260	57.31
¾"	34BA260	89.70
1"	1BA260	117.09
1¼"	114BA260	194.32
1½"	112BA260	231.67
2"	2BA260	311.38

Industrial Ball Valves



Series 20BSOR-02 2-Piece Bronze Ball Valve

FNPT Mounting pad for optional actuator
Carbon Steel Lever • 316SS Stem and Ball
FIP x FIP

SIZE	STOCK NO	EACH
600 WOG		
½"	1220BSOR02	52.65
¾"	3420BSOR02	88.78
1"	120BSOR02	108.33
1¼"	11420BSOR02	168.53
1½"	11220BSOR02	222.72
2"	220BSOR02	313.01

Series 20BSOR-03 2-Piece Bronze Ball Valve 250 lb. Steam Service

FNPT Mounting pad for optional actuator
Carbon Steel Lever • 316SS Stem and Ball
Multi-Fill PTFE Seat • FIP x FIP

SIZE	STOCK NO	EACH
600 WOG		
½"	1220BSOR03	66.00
¾"	3420BSOR03	104.47
1"	120BSOR03	124.00
1¼"	11420BSOR03	188.66
1½"	11220BSOR03	242.84
2"	220BSOR03	333.14

Series 20SSOR-02 Stainless Steel Ball Valve

Mounting pad for optional actuator
Stainless Steel Lever • FIP x FIP

SIZE	STOCK NO	EACH
2000 WOG		
¼"	1420SSOR02	87.76
⅜"	3820SSOR02	87.76
½"	1220SSOR02	87.76
¾"	3420SSOR02	140.79
1"	120SSOR02	142.02
1500 WOG		
1¼"	11420SSOR02	328.28
1½"	11220SSOR02	339.67
2"	220SSOR02	442.27

Series 20CCOR-02 2-Piece Carbon Ball Valve

Mounting pad for optional actuator
Carbon Steel Lever • FIP x FIP

SIZE	STOCK NO	EACH
2000 WOG		
½"	1220CCOR02	65.49
¾"	3420CCOR02	72.71
1"	120CCOR02	94.53
1500 WOG		
1½"	11220CCOR02	219.94

Stainless Steel Latch-Lock Handles

For 20 Series

SIZE	STOCK NO	EACH
¼ - ½"	84773DL940	14.19
¾ - 1"	84773EL940	21.68
1¼ - 2"	84773GL940	25.42

Butterfly Valves (55)



Series HP1LCS & HP1LSS Butterfly Valves

- High-performance
- Class 150 WOG
- Lug Pattern 17-4 Stem, PTFE Seat
- PTFE Packaging
- Bare stem Flanged End Connections per ASME/ANSI B16.5

SIZE	BODY	STOCK NO	EACH
2 ½"	Carbon Steel	212HP1LCS4211	1398.53
3"	Carbon Steel	3HP1LCS4211	1398.53
4"	Carbon Steel	4HP1LCS4211	1653.56
5"	Carbon Steel	5HP1LCS4211	2580.26
6"	Carbon Steel	6HP1LCS4211	2580.26
8"	Carbon Steel	8HP1LCS4211	3273.10
2 ½"	Stainless Steel	212HP1LSS4211	1987.25
3"	Stainless Steel	3HP1LSS4211	1987.25
4"	Stainless Steel	4HP1LSS4211	2303.96
5"	Stainless Steel	5HP1LSS4211	3959.62
6"	Stainless Steel	6HP1LSS4211	3959.62
8"	Stainless Steel	8HP1LSS4211	5470.80



High Performance Handle Kit

For Series HP1LCS & HP1LSS Valves

SIZE	TYPE	STOCK NO	EACH
2½"-4"	Lever	2124HPHANDLEKIT	132.62
5"-6"	Lever	56HPHANDLEKIT	153.04
8"	Lever	8HPHANDLEKIT	177.50
2½"-4"	Gear OP	2124HPGEAROPKIT	493.77
5"-6"	Gear OP	56HPGEAROPKIT	514.16
8"-10"	Gear OP	810HPGEAROPKIT	525.11

MILWAUKEE VALVE

See Page 1116
for ProPress Ball Valves

Apollo Valves (12)

apollovalves.com

Ball Valves

Not for use with potable water

Contains LEAD



70-100 HC Series Brass Full Port Ball Valve

with Cap & Chain

- Maximum Pressure 600 psi CWP
- Vacuum Service to 29" Hg

SIZE	STOCK NO	EACH
NPT x 3/4" NPSH		
1/2"	AP70103HC	48.76
3/4"	AP70104HC	68.90
SWT x 3/4" NPSH		
1/2"	AP70203HC	48.76
3/4"	AP70204HC	68.90



77C-A Bronze Full Port Ball Valve

- Threaded ends ANSI B1.20.1
- Maximum Temperature 450°F
- 600 CWP • 150SWP • RPTFE Seats

SIZE	STOCK NO	EACH
IPS x IPS		
1/2"	L1277C10301A	20.88
3/4"	L3477C10401A	34.02
1"	L177C10501A	42.99
1 1/4"	L11477C10601A	100.32
1 1/2"	L11277C10701A	133.10
2"	L277C10801A	218.37
Stainless Steel Vented Ball & Stem • IPS x IPS		
1/2"	L1277C14301A	33.00
3/4"	L3477C14401A	61.52
1"	L177C14501A	74.66
1 1/4"	L11477C14601A	160.63
1 1/2"	L11277C14701A	196.06
2"	L277C14801A	301.90



77C-A Bronze Full Port Ball Valve

- Solder joint ends ANSI B16.18
- Maximum Temperature 450°F
- 600 CWP • 150SWP • PTFE Seats

SIZE	STOCK NO	EACH
SWT x SWT		
1/2"	L1277C20301A	20.88
3/4"	L3477C20401A	34.02
1"	L177C20501A	42.99
1 1/4"	L11477C20601A	100.32
1 1/2"	L11277C20701A	133.10
2"	L277C20801A	218.37
Stainless Steel Vented Ball & Stem • SWT x SWT		
1/2"	L1277C24301A	33.00
3/4"	L3477C24401A	61.52
1"	L177C24501A	74.66
1 1/4"	L11477C24601A	160.63
1 1/2"	L11277C24701A	196.06
2"	L277C24801A	301.90



LEAD FREE

77FLF Series Brass Full Port Ball Valve

- CGA 3.16 (125 PSI)
- UL Guides: YSDT, MHKZ, YQNZ, YRBX, YRPV & VQGE
- Temperature Range: 0°F - 400°F
- 600 CWP • 150SWP • RPTFE Seats

SIZE	STOCK NO	EACH
IPS x IPS		
1/4"	1477FLF101	26.04
3/8"	3877FLF102	26.04
1/2"	1277FLF103	29.22
3/4"	3477FLF104	39.99
1"	177FLF105	58.48
1 1/4"	11477FLF106	99.22
1 1/2"	11277FLF107	148.12
2"	277FLF108	205.68
SWT x SWT		
1/2"	1277FLF203	29.82
3/4"	3477FLF204	40.44
1"	177FLF205	58.99
1 1/4"	11477FLF206	117.41
1 1/2"	11277FLF207	158.58
2"	277FLF208	220.61



LEAD FREE

77CLF-A 2 Piece Full Port Bronze Ball Valve

- Threaded ends ANSI B1.20.1
- 600 CWP • 150 SWP • RPTFE Seats

SIZE	STOCK NO	EACH
IPS x IPS		
1/2"	1277CLF103A	28.41
3/4"	3477CLF104A	46.27
1"	177CLF105A	58.48
1 1/4"	11477CLF106A	136.48
1 1/2"	11277CLF107A	181.10
2"	277CLF108A	270.35
Stainless Steel Vented Ball & Stem • IPS x IPS		
1/2"	1277CLF143A	44.87
3/4"	3477CLF144A	83.73
1"	177CLF145A	104.67
1 1/4"	11477CLF146A	223.09
1 1/2"	11277CLF147A	272.26
2"	277CLF148A	381.57
2 1/2"	21277CLF149A	1054.87



LEAD FREE

77CLF-A 2 Piece Full Port Bronze Ball Valve

- Solder joint ends ANSI B16.18
- 600 CWP • 150 SWP • RPTFE Seats

SIZE	STOCK NO	EACH
SWT x SWT		
1/2"	1277CLF203A	28.41
3/4"	3477CLF204A	46.27
1"	177CLF205A	58.48
1 1/4"	11477CLF206A	136.48
1 1/2"	11277CLF207A	181.10
2"	277CLF208A	270.35
Stainless Steel Vented Ball & Stem • SWT x SWT		
1/2"	1277CLF243A	44.87
3/4"	3477CLF244A	83.73
1"	177CLF245A	104.67
1 1/4"	11477CLF246A	223.09
1 1/2"	11277CLF247A	272.26
2"	277CLF248A	381.57
2 1/2"	21277CLF249A	1054.87



LEAD FREE

94A Brass Full Port Ball Valve

- Threaded ends ANSI B1.20.1

SIZE	STOCK NO	EACH
IPS x IPS, 600 CWP		
1/4"	1494A101A	13.98
3/8"	3894A102A	14.09
1/2"	1294A103A	16.08
3/4"	3494A104A	24.36
1"	194A105A	38.18
1 1/4"	11494A106A	61.37
1 1/2"	11294A107A	82.11
2"	294A108A	131.19
IPS x IPS, 400 CWP		
2 1/2"	21294A109A	304.56
3"	394A100A	395.06
4"	494A10AA	755.75



LEAD FREE

94A Brass Full Port Ball Valve

- Solder joint ends ANSI B16.18

SIZE	STOCK NO	EACH
SWT X SWT, 600 CWP		
1/2"	1294A203	15.39
3/4"	3494A204	24.84
1"	194A205	37.40
1 1/4"	11494A206	62.19
1 1/2"	11294A207	88.33
2"	294A208	124.95
SWT X SWT, 400 CWP		
2 1/2"	21294A209	301.00
3"	394A200	398.58

Accessories

Stem Extension Kit

For 77C & 77W Series

SIZE	STOCK NO	EACH
1/2"	7829801	28.95
3/4"-1"	7829901	28.95
1 1/4"-2"	7830001	37.60

Balancing Stop Kit

For 77C & 77W Series

SIZE	STOCK NO	EACH
1/2"	7829501	3.73
3/4"-1"	7829601	3.73
1 1/4"-2"	7829701	4.56

Locking Handle Kit

For 77C Series

SIZE	STOCK NO	EACH
1/2"	W490000	7.82
3/4"-1"	W493800	10.36
1 1/4"-2"	W494900	12.33

Stem Extension Kit

For 77C-A & 77CLF-A Series

SIZE	STOCK NO	EACH
1/2"-3/4"	78233301	15.54
1"-1 1/4"	7844301	20.14
1 1/2"-2 1/2"	7846901	24.61

Locking Handle Kit

For 77C-A & 77CLF-A Series

SIZE	STOCK NO	EACH
1/2"-3/4"	78260301	16.36
1"-1 1/4"	78260401	18.75
1 1/2"	78260501	19.42
2 1/2"	78275001	16.94

Valves

Apollo Valves (12)

apollovalves.com

70-140-64 series NPT Bronze Ball Valve



Contains LEAD

- Standard Port
- Threaded ends
- Maximum Temperature 500°F
- 316 Stinless Steel Ball & Stem
- 250# Steam Trim (MPTFE Seats & Packing)

SIZE	STOCK NO	EACH
NPT x NPT		
¼"	L147014164	59.64
⅜"	L387014264	59.64
½"	L127014364	59.64
¾"	L347014464	97.09
1"	L17014564	114.51
1¼"	L1147014664	190.77
1½"	L1127014764	247.35
2"	L27014864	318.09

LD141 Series Resilient Seated Butterfly Valve



- Compatible with ANSI 125# & 150# Flanges
- Conforms to MSS SP-67 & API 609
- Disc Material - Stainless Steel, CF8M
- Seat Material - Black EPDM
- Shaft - 416 Stainless Steel

SIZE	STOCK NO	EACH
Lever Operator		
2"	LD14102SE11A	286.35
2½"	LD14125SE11A	307.60
3"	LD14103SE11A	321.99
4"	LD14104SE11A	378.97
5"	LD14105SE11A	487.17
6"	LD14106SE11A	586.09
Worm Gear Operator		
8"	LD14108SE12A	1073.52
10"	LD14110SE12A	1552.08
12"	LD14112SE12A	3047.41

215L Series Double offset high performance butterfly valves



- Class 150# Carbon Steel (CWP 285)
- Multi-bolt retainer holds and supports the seat
- Stem & Pin Material - 17-4 PH SS
- Disc Material - Stainless Steel, CF8M
- Seat Material - RTFM (TFM 1700 with Glass)

SIZE	STOCK NO	EACH
Carbon Steel - Lever Operator		
2"	215L02CSP8TA1	1153.07
2½"	215L25CSP8TA1	1255.21
3"	215L03CSP8TA1	1302.56
4"	215L04CSP8TA1	1577.89
5"	215L05CSP8TA1	2021.97
6"	215L06CSP8TA1	2215.83
Carbon Steel - Worm Gear Operator		
8"	215L08CSP8TA2	3244.58
10"	215L10CSP8TA2	4843.17
12"	215L12CSP8TA2	6190.20
Stainless Steel - Lever Operator		
2"	215L02SSP8TA1	1727.41
2½"	215L25SSP8TA1	1884.28
3"	215L03SSP8TA1	2018.98
4"	215L04SSP8TA1	2732.44
5"	215L05SSP8TA1	3476.96
6"	215L06SSP8TA1	3648.69
Stainless Steel - Worm Gear Operator		
8"	215L08SSP8TA2	5938.50
10"	215L10SSP8TA2	8246.18
12"	215L12SSP8TA2	10975.63

ASC Engineered Solutions - Sharpe (02)

asc-es.com

Series 50M Economy, Full Port, 2-Piece Ball Valves



- Bi-directional, bubble tight shut-off
- Size Range: NPS ¼"-3" (DN 8-80) full port
- Pressure Rating: 1000 CWP
- Body Material: Cast Stainless Steel
- Standard: MSS SP-110
- End Connections: Threaded
- Blow-Out Proof Stem
- Locking Handle as standard
- Optional Oval Handles for smaller sizes

SIZE	STOCK NO	EACH
½"	1250M76	33.84
¾"	3450M76	47.36
1"	150M76	67.65
1 ¼"	11450M76	103.03
1 ½"	11250M76	138.90
2"	250M76	202.95

Series 50 Full Port, Flanged Ball Valves



- Bi-directional, bubble tight shut-off
- Size Range: NPS 1/2"-8" (DN 15-200) full port
- Pressure Class: ASME Class 150
- Cast Carbon Steel, Cast Stainless Steel
- Standards: ASME B16.34, NACE MR0175
- End Connections: Flanged
- Blow-Out Proof Stem
- Live-loaded stem packing as standard
- ISO 5211 Top Mounting Pad - Automatable
- Locking Handle as standard
- Optional Oval Handles for smaller sizes
- Additional Options and Accessories
- Sharpe® valves, actuators, and accessories are designed to work together; delivering exceptional performance.

SIZE	STOCK NO	EACH
2 ½"	21250116R	946.61
3"	350116R	991.59
4"	450116R	1408.48
6"	650116R	3583.57

A.Y. McDonald (12)

aymcdonald.com

Stop and Waste Ball Valve

600 psi

Copper x Copper

SIZE	STOCK NO	EACH
½"	AY2033S12	16.02
¾"	AY2033S34	25.15
1"	AY2033S1	36.07

Gas Ball Valves

175 psi • AGA Approved

SIZE	STOCK NO	EACH
Flare x FIP		
½"	AY1071212	10.27
Flare x MIP		
⅜" FL x ½" MIP	AY1071638	11.16
½"	AY1071612	11.16
FIP x FIP		
½"	AY1071012	5.59
¾"	AY1071034	8.17
Flare x Flare		
½"	AY1071412	11.47

Butterfly Valves (55)

kitz.com

Ductile Iron Body Lug Style Butterfly Valve



- Lever Operated, 250 PSI
- ANSI Class 125/150 flanges
- MSS SP-67, MSS SP-25, API-609

SIZE	STOCK NO	EACH
2"	6123EL200	192.30
2 ½"	6123EL212	197.81
3"	6123EL300	211.21
4"	6123EL400	258.50
5"	6123EL500	366.47
6"	6123EL600	421.63
8"	6123EL800	606.84

Ductile Iron Body Lug Style Butterfly Valve



- Gear Operated, 250 PSI
- ANSI Class 125/150 flanges
- MSS SP-67, MSS SP-25, API-609

SIZE	STOCK NO	EACH
10"	6123EG910	1087.58
12"	6123EG912	1576.20

Jomar Valves (12)

Bronze Swing Check Valve

200 WOG



SIZE	STOCK NO	EACH
FIP x FIP		
½"	12CVH	14.85
¾"	34CVH	19.32
1"	1CVH	26.00
1¼"	114CVH	43.78
1½"	112CVH	55.45
2"	2CVH	87.83

Gate Valves

200 WOG



SIZE	STOCK NO	EACH
FIP x FIP		
½"	12GV	22.68
¾"	34GV	31.12
1"	1GV	46.24
1¼"	114GV	65.21
1½"	112GV	82.90
2"	2GV	126.17
Copper x Copper		
½"	12GVS	25.20
¾"	34GVS	34.58
1"	1GVS	51.38
1¼"	114GVS	72.46
1½"	112GVS	92.12
2"	2GVS	140.19

Brass Swing Check Valve



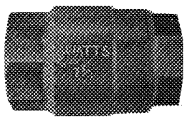
SIZE	STOCK NO	EACH
Copper x Copper		
½"	12CVHS	16.01
¾"	34CVHS	20.83
1"	1CVHS	28.02
1¼"	114CVHS	47.19
1½"	112CVHS	59.77
2"	2CVHS	94.67

See page 1115 & 1116 for ProPress Ball Valves

Watts Valves (12)

Series 600 "Maxi-Flo" Cone Check Valve

15 psi. Steam • 400 Lbs. WOG



SIZE	STOCK NO	EACH
FIP x FIP		
¼"	14CV600	170.91
½"	12CV600	145.97
¾"	34CV600	199.23
1"	1CV600	275.08
1¼"	114CV600	392.28
1½"	112CV600	481.29
2"	2CV600	723.13

Series 601S Bronze Silent Check Valves



Series 601S Bronze Silent Check Valves efficiently perform all of the functions of a swing check or vertical lift check valve and at the same time operate silently to prevent the effects of water hammer.

Features:

- Viton® disc
- Integral brass seat
- Install in horizontal or vertical position (consult factory for proper use in vertical installations)
- Low pressure drop equivalent to a swing check
- Silent operation

SIZE	STOCK NO	EACH
Solder End Connections		
½"	12CV601S	145.84
¾"	34CV601S	220.51
1"	1CV601S	299.16

Valves & Controls for Process Automation

Goodin Company is your source for valves and actuated controls that meet all of your process automation needs. We offer valves complete with pneumatic or electric actuation, with a wide variety of control accessories.

Our full line of Industrial quarter-turn valves includes: stainless steel, carbon steel and bronze ball valves, along with a broad line of iron butterfly valves. And because of their complete package design, our valves are easily linked to integrated control panels and automation systems.

For more information please contact your salesperson or the Industrial department in the Minneapolis Branch.

ELECTRIC ACTUATION
For Ball & Butterfly Valves Reversible & Uni-Directional
NEMA 4 &
NEMA 7 Enclosures
Worm-Gear Drive Train

PNEUMATIC ACTUATION
For Ball & Butterfly Valves.
Double Acting & Spring.
Return Rack and Pinion Design

Apollo Valves (12)

apollovalves.com



Flanged End Ball Valve

Full port through 6".
A126 Class B Cast Iron Body with FDA food-grade epoxy powder coat.
Stainless Steel Ball & Stem.
PTFE Seats. ISO 5211 Mounting Pad for Easy Actuation
Face-to-face and Flange Dimensions conform to ANSI Standard B16.10.

Dimensions

SIZE	FACE TO FACE	FLANGE DIAMETER	PORT DIA
2"	7"	6"	2.00
2½"	7½"	7"	2.56
3"	8"	7.5"	3.00
4"	9"	9"	4.00
6"	10½"	11"	5.94

SIZE	STOCK NO	EACH
2"	26PLF208	458.22
2½"	2126PLF209	491.39
3"	36PLF200	554.29
4"	46PLF20A	801.82
6"	66PLF20C	1396.70



Titan Dual Disc Wafer Type Ductile Iron Check Valve

Bronze Disc • 250psi @ 100°F
2"-6" provide dual pressure service -
ANSI Class 150/300 (scalloped designed)
ANSI Class 150 • Buna-N Seats

SIZE	STOCK NO	EACH
2"	2CV41DIBS1S	93.44
2½"	212CV41DIBS1S	112.28
3"	3CV41DIBS1S	129.23
4"	4CV41DIBS1S	185.75
6"	6CV41DIBS1S	315.36
8"	8CV41DIBS1S	619.04

NOW Rated for Gas



No. 611 Semi-Steel Lubricated Plug Valves

125-Lbs. WOG

SIZE	STOCK NO	EACH
FIP x FIP		
1"	1HO611CSA	210.56
1¼"	114HO611CSA	227.58
1½"	112HO611CSA	227.58
2"	2HO611CSA	227.58
2½"	212HO611CSA	321.66
3"	3HO611CSA	410.37
4"	4HO611CSA	550.14

NOW Rated for Gas



No. 612 Lubricated Plug Valve

125-Lbs. WOG

SIZE	STOCK NO	EACH
Flanged Ends		
1½"	112HO612CSA	301.06
2"	2HO612CSA	304.64
2½"	212HO612CSA	388.86
3"	3HO612CSA	472.19
4"	4HO612CSA	630.78
5"	5HO612CSA	1223.94

Standard Homestead Wrenches

VALVE SIZE	STOCK NO	EACH
½ - 1"	FHO	28.67
1¼ - 2"	GHO	38.53
2½ - 3"	EHO	56.45
4"	LHO	76.16
5-8"	NHO	155.90

Stick Sealants

Available 24 Sticks/Box

STOCK NO	EACH
Size B — ⅜" Diameter	
38HO650B	67.20
38HO6	67.20
Size C — ½" Diameter	
12HO6	89.60

Stick Sealant Features

Sealant No	Temp Range F	Color	Solvent
400-A	+20 to +130	Amber	Naptha
Aqueous solutions of acids, alkalies, and amines			
6	+275	Grey	Naptha
Hot Water, steam, water with ethylene glycol			
650	0 to +180	Blue	Perchlorethylene
General hydrocarbon services			



WL-11 Bonney Forge Forged Steel Gate Valve

800 PSI @ 850°F • 2000-Lbs. CWP

SIZE	STOCK NO	EACH
FIPxFIP • Welded Bonnet		
¼"	14FSGAWB	83.77
½"	12FSGAWB	83.77
¾"	34FSGAWB	92.00
1"	1FSGAWB	117.43
1¼"	114FSGAWB	215.40
1½"	112FSGAWB	215.40
2"	2FSGAWB	270.00
FIPxFIP • Bolted Bonnet		
½"	12FSGA	83.77
¾"	34FSGA	92.00
1"	1FSGA	111.44
1¼"	114FSGA	210.92
1½"	112FSGA	210.92
2"	2FSGA	272.99
Socket Weld • Welded Bonnet		
½"	12SOGAWB	83.77
¾"	34SOGAWB	92.00
1"	1SOGAWB	117.43
1¼"	114SOGAWB	215.40
1½"	112SOGAWB	215.40
2"	2SOGAWB	270.00
Socket Weld • Bolted Bonnet		
½"	12SOGA	83.77
¾"	34SOGA	92.00
1"	1SOGA	111.44
1¼"	114SOGA	210.92
1½"	112SOGA	210.92
2"	2SOGA	272.99



HL-31 Bonney Forge Forged Steel Globe Valve

800 PSI @ 850°F

SIZE	STOCK NO	EACH
FIP x FIP		
½"	12FSGL	137.86
¾"	34FSGL	157.78
1"	1FSGL	204.79
1¼"	114FSGL	401.62
1½"	112FSGL	401.62
2"	2FSGL	514.77
Socket Weld		
½"	12FSSOGL	137.86
¾"	34FSSOGL	157.78
1"	1FSSOGL	204.79



HL-41 Bonney Forge Forged Steel Piston Check Valve

800 PSI @ 850°F
2000-Lbs. CWP

SIZE	STOCK NO	EACH
FIP x FIP		
½"	12FSCK	128.29
¾"	34FSCK	137.86
1"	1FSCK	162.56
1½"	112FSCK	316.35
2"	2FSCK	443.85

Babbit Adjustable Sprocket and Rims (02)

babbittsteam.com



SIZE NO	DIA OF SPROCKET RIM	DIA HAND WHEELS RIM WILL FIT	RIM AND GUIDE STOCK NO	EACH	CHAIN PER FOOT STOCK NO	FOOT
0	4"	2 to 4"	0SPRI	98.18	CH0	1.85
2	9"	7¾ to 9"	2SPRI	190.58	CH1	2.31
2½	12½"	9¼ to 12½"	212SPRI	265.65	CH212	3.93
3	15½"	12¾ to 15½"	3SPRI	363.83	CH212	3.93
3½	19"	15¾ to 19"	312SPRI	490.88	CH212	3.93

Babbitt MasterLink

For Babbitt Chainwheel Chain.
Easy way to join ends of chain.

Each MasterLink kit contains:

- 1 Babbitt MasterLink
- 1 Short hollow tip stainless steel rivet
- 1 Long hollow tip stainless steel rivet
- 1 Rivet splaying tool
- Tools required:
- Pump pliers or "Vise Grip" style pliers.
- Machine vise recommended.

SIZE	STOCK NO	EACH
1,1½, 2"	BML1	13.65
2½, 3, 3½"	BML25	15.75



Babbitt Quick Link

The Quick Link is used with weldless chain to connect the two ends during installation of the chainwheel. When a Quick Link is added to an order, the chain is prepared in our facility to eliminate the need for cutting or alteration on site. Installation is an easy process that only requires a pair of pliers.

CHAINWHEEL NUMBER	PART NUMBER	STOCK NO	EACH
0	QL-0	BQL0	6.83



Contains LEAD



Asco General Service Solenoid Valves with Coil

- Brass Body.
- Normally Closed.
- Pilot Operated.
- 120/60 High flow valves for liquid, corrosive, and air/inert gas service.

SIZE	COIL	STOCK NO	EACH
120/60 • 0 PSI OPERATING PRESSURE DIFFERENTIAL			
1/2"	10.1 Watt	8210G094	243.17
3/4"	10.1 Watt	8210G095	260.62
1"	10.1 Watt	8210G054	556.16
120/60 • 5 PSI OPERATING PRESSURE DIFFERENTIAL			
1/2"	6.1 Watt	8210G002	211.98
3/4"	6.1 Watt	8210G003	329.20
1"	6.1 Watt	8210G004	419.01
1 1/4"	6.1 Watt	8210G008	510.03
1 1/2"	6.1 Watt	8210G022	751.95
2"	6.1 Watt	8210G100	1364.24
24/60 • 0 PSI OPERATING PRESSURE DIFFERENTIAL			
1/2"	10.1 Watt	8210G094V24	243.17
3/4"	10.1 Watt	8210G095V24	260.62
1"	10.1 Watt	8210G054V24	516.27
24/60 • 5 PSI OPERATING PRESSURE DIFFERENTIAL			
1/2"	6.1 Watt	8210G002V24	211.98
3/4"	6.1 Watt	8210G003V24	319.23
1"	6.1 Watt	8210G004V24	419.01
1 1/4"	6.1 Watt	8210G008V24	510.03
2"	6.1 Watt	8210G100V24	1266.98

SERIES 8210 Specifications

PILOT OPERATED GENERAL SERVICE SOLENOID VALVES

Pipe Size	Orifice Diameter	C_V Flow Factor	Operating Pressure Diff. PSI	Maximum Pressure AC	Maximum Pressure DC
1/2"	5/8"	4.0	0	150	40
3/4"	3/4"	5.0	0	150	40
1"	1"	13.0	0	150	-
1/2"	5/8"	4.0	5	200	125
3/4"	3/4"	6.5	5	250	125
1"	1"	13.0	5	150	125
1 1/4"	1 1/8"	15.0	5	150	125
1 1/2"	1 1/4"	22.5	5	150	125
2"	1 3/4"	43.0	5	150	50
2"	1 3/4"	43.0	5	150	50

Asco Gas Shutoff Valves

2-Way Normally Closed Operation.
Zero differential piloted diaphragm.

Aluminum Body

SIZE	COIL	STOCK NO	EACH
1/2"	17.1 Watt	8214G020	285.57
3/4"	17.1 Watt	8214G030	290.56

SERIES 8214 Specifications

GAS SHUTOFF VALVES

Pipe Size	Orifice Diameter	C_V Flow Factor	Gas Capacity Btu/hr.	Operating Pressure Diff. PSI Min/ Max	Max. Fluid Temp. °F AC	Max. Fluid Temp. °F DC
1/2"	3/4"	4.4	238,500	0/5	125	104
3/4"	3/4"	5.1	247,500	0/5	125	104



Asco A/C Coil Only

VOLTAGE	CONDUIT CONN.	STOCK NO	EACH
24/60	6.1 Watt	238210005D61	182.05
120/60	6.1 Watt	238210032D61	182.05
240/60	6.1 Watt	238210058D61	193.28
24/60	10.1 Watt	238610005D101	209.50
120/60	10.1 Watt	238610032D101	202.93
240/60	10.1 Watt	238610058D101	198.27

"Full-Flo" Boiler Drain



MIP x MH

SIZE	STOCK NO	EACH
½"	12BD	9.29
¾"	34BD	11.00

Boiler Drain



Quarter Turn Hose Bibb
MIP x MH

SIZE	STOCK NO	EACH
½"	12BDQT	16.88
¾"	34BDQT	18.69

Hose Bibb



Rough Brass
MIP x MH

SIZE	STOCK NO	EACH
½"	12SCHB	9.55
¾"	34SCHB	10.69

"Full-Flo" Sillcock



SIZE	STOCK NO	EACH
FIP x MH		
½"	12SCSC	11.43
¾"	34SCSC	13.23
Copper x MH		
½"	12SWSC	10.84
¾"	34SWSC	13.96

Bronze "Full-Flo" Stop Valves



SIZE	STOCK NO	EACH
FIP x FIP		
¾"	34SCST	12.76
Copper x Copper		
⅜"	38SWST	6.25
½"	12SWST	9.97
¾"	34SWST	11.58

Bronze "Full-Flo" Stop and Waste Valve



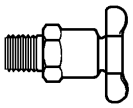
SIZE	STOCK NO	EACH
FIP x FIP		
½"	12SCSW	12.28
¾"	34SCSW	13.39
Copper x Copper		
½"	12SWSW	10.06
¾"	34SWSW	12.12

(24)
62-108-01 Conbraco Stainless Steel Ball Cone Check Valve



SIZE	STOCK NO	EACH
⅜"	38SSCV	119.23
1¼"	114SSCV	416.38
2"	2SSCV	1016.45

Drain Cock



DC603

SIZE	STOCK NO	EACH
¼"	14DRCO	11.48
⅜"	38DRCO	6.52

Gas Service Stop with Check



No 10598
FIP x FIP

SIZE	STOCK NO	EACH
¾"	3410598	25.20
1"	110598	46.12
1¼"	11410598	67.66

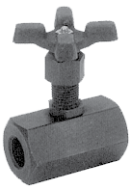
Air Cocks (24)
apollovalves.com



(24)
Air Cocks

SIZE	HANDLE	STOCK NO	EACH
FIP x MIP			
¼"	Tee	14THMXFAICO	19.93
FIP x FIP			
¼"	Tee	14THFXFAICO	19.93

(02)
RP&C Barstock Needle Valve



- 10,000 PSIG @ 150°F
- WOG

SIZE	HANDLE	STOCK NO	EACH
½"	Cross	6010301	127.94
1"	Tee	6010501	259.50

Reserved

Woodford Freezeless Outside Wall Faucets



Model 14
¾" Male hose thread nozzle.
Powder-coated, cast aluminum handle.
12" Length

INLET DESCRIPTIONS	STOCK NO	EACH
½" FPT - ¾" MPT	1214P	58.89
¾" Female Sweat	1214C3	58.89

Woodford Anti-Siphon Freezeless Outside Wall Faucets



Model 17 • ASSE 1019
¾" Male hose thread nozzle.
Powder-coated, cast aluminum handle.
Contains Integral backflow protection device.
8" Length

INLET DESCRIPTIONS	STOCK NO	EACH
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	817C	53.43
½" MPT - ½" Female Sweat	817CP	53.43
½" FPT - ¾" MPT	817P	55.42
¾" Female Sweat	817C3	55.42
½" F1960 Tube	817W	53.43
10" Length		
½" FPT - ¾" MPT	1017P	58.17
½" MPT - ½" Female Sweat	1017CP	56.18
¾" Female Sweat	1017C3	58.17
½" F1960 Tube	1017W	56.18
¾" F1960 PEX Tube	1017W3	60.21
12" Length		
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	1217C	58.93
½" MPT - ½" Female Sweat	1217CP	58.93
½" FPT - ¾" MPT	1217P	60.93
½" PEX tube fitting	1217PX	58.93
¾" PEX tube fitting	1217PX3	60.93
¾" Female Sweat	1217C3	60.93
½" F1960 Tube	1217W	58.93
¾" F1960 PEX Tube	1217W3	62.96
14" Length		
½" FPT - ¾" MPT	1417P	63.68
½" MPT - ½" Female Sweat	1417CP	61.69
¾" Female Sweat	1417C3	63.68
18" Length		
½" FPT - ¾" MPT	1817P	69.19
¾" Female Sweat	1817C3	69.19
24" Length		
½" FPT - ¾" MPT	2417P	77.45
¾" Female Sweat	2417C3	77.45

Woodford Anti-Siphon Freezeless Outside Wall Faucets



Model 19 • ASSE 1019
¾" Male hose thread nozzle.
Oval, Powder-coated, cast aluminum handle.
Contains Integral backflow protection device.
Patented resetting pressure relief valve prevents bursting when freezing even if the hose is left on.
12" Length

INLET DESCRIPTIONS	STOCK NO	EACH
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	1219C	66.91
½" FPT - ¾" MPT	1219P	68.91
¾" Female Sweat	1219C3	68.91
¾" PEX Tube Fitting	1219PX3	68.91
¾" Press Connection	1219PP	78.88

Woodford Mounting Sleeve



For Models 14, 16, 17, & 19 Only
Adjustable ¾" - 5¾".

STOCK NO	EACH
WFMS	14.52

Woodford Auto-Drain Freezeless Wall Faucets



Model 27 • ASSE 1052
¾" Male hose thread nozzle drains as metal handle is shut off even if hose is attached. Designed for residential outside water service applications and intended for irrigation purposes. Brass finish.
10" Length

INLET DESCRIPTIONS	STOCK NO	EACH
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	27C10	94.20
12" Length		
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	27C12	97.00
14" Length		
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	27C14	99.79
18" Length		
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	27C18	105.38

Woodford Anti-Siphon Wall Faucets



Model 101 • ASSE 1019
Anti-siphon protected wall faucet for mild climates.

INLET DESCRIPTIONS	STOCK NO	EACH
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	101C	40.54



Model 22



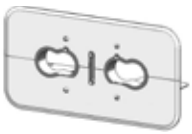
Model V22

Woodford Freezeless Hot and Cold Outside Wall Faucets

Model 22C and V22C • ASSE 1019
¾" Male hose thread nozzle.
Oval, Powder-coated, cast aluminum handle.
Contains Integral backflow protection device.
Patented resetting pressure relief valve prevents bursting when freezing even if the hose is left on.
12" Length • Horizontal

INLET DESCRIPTIONS	STOCK NO	EACH
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	1222C	163.71
½" FPT - ¾" MPT	1222P	166.58
¾" Female Sweat	1222C3	166.58
¾" PEX Tube	1222PX3	166.58
6" Length • Vertical		
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	6V22C	147.19
½" FPT - ¾" MPT	6V22P	150.06
12" Length • Vertical		
½" Copper Sweat K, L, M Inside		
¾" M Only Outside	12V22C	163.71
½" FPT - ¾" MPT	12V22P	166.58
¾" Female Sweat	12V22C3	166.58
¾" PEX Tube	12V22PX3	166.58
Wisconsin Code Approved		
12"	12V22CMHWI	158.92

(21)



Drywall Mounting Plate - DMP

For Models 22C and V22C
Made from strong PC/ABS, the Mounting Plate is designed to space the faucet wall flange away from ⅝" thick drywall. Includes: 2 Cover plates, 1 Mounting Plate, 4 White Headed Screws, 2 Sheet Metal Screws, and 4 Wood Screws.

SIZE	STOCK NO	EACH
4 x 9¼"	WODMP	26.53

Roof Hydrants

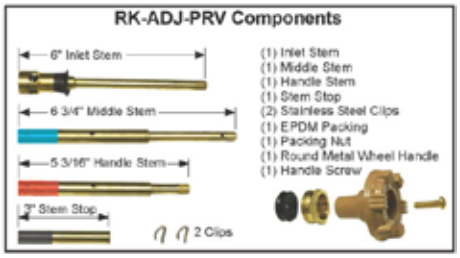


Freezeless Sanitary Roof Hydrant

- Backflow Preventer with ¾" Hose Connection.
- 1½" US made galvanized pipe.
- All hydrant repairs can be made from top without removing hydrant.
- SRH Warning - After each use, run hydrant without a hose to ensure proper evacuation.
- RHY2 sutomatically drains when shut off even with hose attached.

INLET DESCRIPTIONS	STOCK NO	EACH
Model SRH-MS • Air Vent • ASSE 1057		
¾" NPT female inlet	SRHMS	1123.76
Model RHY2-MS • ASSE 1052		
1" NPT female inlet	RHY2MS	1043.81

Accessories



(21)

Woodford Adjustable Operating Rod

For Models 14, 16, 17, 19, 22 or V22

Designed to prevent the copper tube from bursting in freezing conditions from 4" to 14" wall thickness. Upgrade or Replace

WALL THICKNESS	STOCK NO	EACH
4"-14"	WORKADJPRV	50.53



(21)

Woodford Over Size Flange

For Models 14, 16, 17, 19, & 101 flange

Covers larger holes from previous installs. Includes a top, bottom and 2 mounting screws that attach to any new or existing

SIZE	STOCK NO	EACH
3½"	WORKOSF	4.73



(21)

Metal Handle

For Models 14 & 17

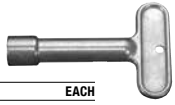
STOCK NO	EACH
WO30099	5.47

(21)

Woodford Repair Kits

Note: Does NOT Include Valve Stem

FOR HYDRANT MODELS:	STOCK NO	EACH
25/27	WORK25	59.79
60/65/67	WORK65	86.59



(21)

Tee Key

For Woodford Models 65 & 67

STOCK NO	EACH
WO5009	4.40



(21)

Vacuum Breaker Kit

For Woodford Model 17

STOCK NO	EACH
WORK17VB	3.60

Commercial



Woodford Wall Hydrant With Vacuum Breaker

Model 26P • ASSE 1052

Backflow Preventer 50HF, ¾" FPT

DESCRIPTION	STOCK NO	EACH
Brass, metal handle	26P34	56.96
Rough Chrome, plastic handle	26P34CH	64.18



Woodford Anti-Siphon Freezeless Wall Hydrant

Model 65C • ASSE 1019

Vacuum Breaker 34HA, ASSE 1011

¾" Copper inlet • 125 PSI

LENGTH	STOCK NO	EACH
12"	65C12	264.07



Woodford Freezeless Wall Hydrant Square Box

Model B-67C • ASSE 1052

Backflow Preventer 50HA

¾" Copper inlet • 125 PSI

LENGTH	STOCK NO	EACH
12"	B67C12	516.16



Woodford Freezeless Wall Hydrant

Model 67C • ASSE 1052

Backflow Preventer 50HA

¾" Copper inlet • 125 PSI

LENGTH	STOCK NO	EACH
12"	67C12	264.07
18"	67C18	280.02



Woodford Freezeless Undercover Wall Hydrant

Model 68C • ASSE 1053

Backflow preventer 50HA, ASSE 1052

¾" Copper inlet • 125 PSI

LENGTH	STOCK NO	EACH
12"	68C12	374.07



(21)

Woodford Vacuum Breakers and Backflow Preventers

Model 34HA standard on Models 25 & 65

COLOR	STOCK NO	EACH
Model 34HA standard on Models 25 & 65		
Chrome	WO34HACH	44.62
Model 50HA standard on Models C22, B22, 27, 30, 67 & 68. Also converts Woodford Model 65 to 67		
Chrome	WO50HACH	49.50
Model 50HF standard on 26, Y2, H34, B26 & Y95		
Chrome	WO50HFCH	51.24

Arrowhead

arrowheadbrass.com



Arrowhead 470 Series Freeze-Proof 12" Wall Hydrant

SIZE	STOCK NO	EACH
Sweat x MIP • ASSE 1019A		
½"	47612	40.00
¾"	47812	40.00
Sweat x PEX • ASSE 1019A		
¾"	47712	40.00

Prier

prier.com

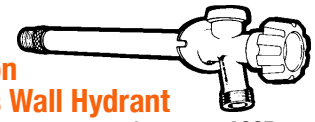


Anti-Siphon Freezeless Wall Hydrant

Model 408-12 & 412-12 • ASSE 1019

With vacuum breaker & internal backflow preventer

SIZE	LENGTH	STOCK NO	EACH
½" MIP x ½" SWT	12"	PR40812	52.07
¾" SWT	12"	PR41212	55.13



Anti-Siphon Freezeless Wall Hydrant

Model 482-12, 478-08, 478-10 & 478-12 • ASSE 1019

With vacuum breaker & external backflow preventer

SIZE	LENGTH	STOCK NO	EACH
¾" SWT	12"	MA48212	54.15
½" MIP x ½" SWT	8"	MA47808	45.15
½" MIP x ½" SWT	10"	MA47810	47.53
½" MIP x ½" SWT	12"	MA47812	49.97



Prier Brass P-118 Single Handle Hot & Cold

ASSE 1019 / UPC • Anti-siphon

Length 12" Mounting bracket and screws included

SIZE	STOCK NO	EACH
Satin-Nickle ½" SWT	PRP118L12SN	613.75
OR Bronze ½" SWT	PRP118L12ORB	828.56
Satin-Nickle ½" PEX	PRP118X12SN	620.77
OR Bronze ½" PEX	PRP118X12ORB	838.05

Service Kit

For 300/400/500 Series

STOCK NO	EACH
MA7755	24.49

Reserved

Perforated Hanger Strap



¾" Width

SIZE	STOCK NO	EACH
Galvanized		
10'	34X10GAHAST	2.45
100'	34X100GAHAST	23.15
Copper		
25'	34X25COHAST	128.94
Plastic		
100'	34X100PLHAST	13.91

PickUp Talon Tube Hangers



Sold by the Bucket

With Barbed - Shank Nail

SIZE	BUCKET QTY.	STOCK NO	EACH
½"	1800	SC5562BKT	137.76
¾"	1000	SC5563BKT	122.65

braxtonharris.com

2-Hole Steel Pipe Strap



SIZE	STOCK NO	EACH
½"	12PIST	.09
¾"	34PIST	.13
1"	1PIST	.22
1¼"	114PIST	.30
1½"	112PIST	.35
2"	2PIST	.46
2½"	212PIST	1.58
3"	3PIST	1.13

"One Hole" Snap-Straps



SIZE	STOCK NO	EACH
½"	121PIST	.29
¾"	341PIST	.44
1"	11PIST	1.45
1¼"	1141PIST	1.58
1½"	1121PIST	1.67
2"	21PIST	1.99

Copper Tube Strap



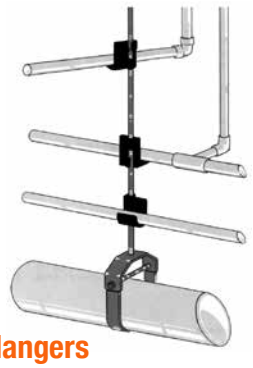
2-Hole

SIZE	STOCK NO	EACH
¼"	14TUST	.96
⅜"	38TUST	1.01
½"	12TUST	1.11
¾"	34TUST	1.84
1"	1TUST	1.89
1¼"	114TUST	2.29
1½"	112TUST	2.79
2"	2TUST	3.08

Wire Pipe Hooks



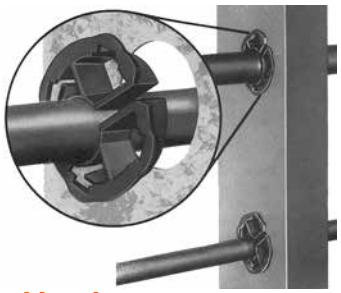
SIZE	STOCK NO	EACH
Steel, 6" Lengths		
½"	12X6STPIHO	.84
Copper Plated, 4" Lengths		
½"	12X4COPIHO	.49
¾"	34X4COPIHO	.70
Copper Plated, 6" Lengths		
½"	12X6COPIHO	.48
1"	1X6COPIHO	.50



Add-A-Hanger Fire Retardant Hangers

- For hanging copper or CPVC on new or existing 3/8" threaded rod.
- Twists on and off. Pipe can snap in and out.
- Eliminates pipe rattle and electrolysis.
- Tubing is secure and protected from sharp metal edges.
- Fire retardant hanger can be used to run tubing through A/C chases.

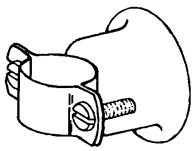
SIZE/MODEL	STOCK NO	EACH
503 TR	12ADAHA	1.83
753TR	34ADAHA	2.15
1003TR	1ADAHA	2.39



Metal Stud Insulator

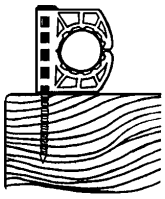
Fire Resistant

SIZE	STOCK NO	EACH
½"	12MSI	.22
3/4"	34MSI	.22
1"	1MSI	.19



Copper Bell Hanger

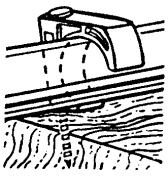
SIZE	STOCK NO	EACH
½"	12BEHA	1.54
¾"	34BEHA	1.55
1"	1BEHA	1.60



Full Clamp Tube Hanger

With Barbed - Shank Nail

SIZE	STOCK NO	EACH
½"	12FUCLTUHA	.38
¾"	34FUCLTUHA	.65
1"	1FUCLTUHA	1.14



Half Clamp Tube Hanger

With Barbed - Shank Nail

SIZE	STOCK NO	EACH
½"	12HACLTUHA	.16
¾"	34HACLTUHA	.20
½ x ¾"	12X34HACLTUHA	.27
1"	1HACLTUHA	.49

Pipe Hangers

siouxchief.com

(02)

Pipe Clamps

CPVC and Copper



SIZE	STOCK NO	EACH
½"	12PICL	.15
¾"	34PICL	.34
1"	1PICL	.60
1¼"	114PICL	.75
1½"	112PICL	1.00

(02)

Insulating Suspension Clamps

CPVC and Copper



SIZE	STOCK NO	EACH
½"	12INSUCL	.19
¾"	34INSUCL	.24
1"	1INSUCL	.70
1¼"	114INSUCL	.97

(02)

Pipe Insulators

CPVC and Copper



SIZE	STOCK NO	EACH
½"	12PIIN	.39
¾"	34PIIN	.40

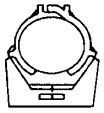
(02)

Bifolator Insulators

SIZE	STOCK NO	EACH
½" or ¾"	SC55823	.26

(02)

Clic One-Piece Pipe Hangers



NOM. DIA. COPPER	COPPER O.D.	NOM. DIA. SCH40	STOCK NO	EACH
—	—	⅜"	CLIC17	1.60
—	—	½"	CLIC20	1.99
—	—	¾"	CLIC25	2.03
1¼"	1⅜"	1"	CLIC32	2.87
1½"	1⅝"	1¼"	CLIC40	3.64
—	—	1½"	CLIC47	4.97
—	—	2"	CLIC59	6.69
½"	⅝"	—	CLIC15	1.37
¾"	—	—	CLIC22	1.60
1"	1⅛"	—	CLIC28	2.87
2"	—	—	CLIC51	6.04

(02)

White Zipstick Pipe Hanger

No. 553



SIZE	STOCK NO	EACH
14"	SC553014W	2.82
26"	SC553026W	4.39

(02)

PVC Multi-Purpose Pipe Hangers

Model 549



SIZE	STOCK NO	EACH
1½" - 2"	SC549712	2.05

(02)

One Piece Nylon Snap-N-Rod Pipe Hangers

For ⅜" rod



STOCK NO	EACH
1216P	2.39
2124P	2.39
2529P	2.97
3034P	2.99
3538P	3.30
4044P	3.34
4854P	3.64
5663P	4.33

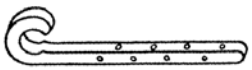
SNAP-N-ROD SELECTION CHART

Hanger (mm range)	Steel-Plastic Sch.40&80	Copper Types K,L,M & DWV	Refrigeration Copper	Electric EMT	Electric Heavy Wall	Electric IMC	Stainless Steel Tube	Metric Size Range mm.	Max Load
1216P (12-16)	¼" .540	⅜-½" .500-.625	½-⅝" .500-.625				½" .500	12-16mm .630	170
2124P (21-24)	½" .840	¾" .875	⅞" .875	¾" .922	½" .840	½" .815		21-24mm	215
2529P (25-29)	¾" 1.050	1' 1.125	1⅛" 1.125		¾" 1.050	¾" 1.029	1" 1.00	25-28mm .984-1.100	315
3034P (30-34)	1" 1.315			1" 1.163	1" 1.315	1" 1.290	1¼" 1.250	32mm 1.260	.540
3538P (35-38)		1¼" 1.375	1⅜" 1.375	1¼" 1.510			1½" 1.500		342
4044P (40-44)	1¼" 1.660	1½" 1.625	1⅝" 1.625	1½" 1.740	1¼" 1.660	1¼" 1.638		40mm 1.570	365
4854P (48-54)	1½" 1.900	2" 2.125	2⅛" 2.125		1½" 1.900	1½" 1.883	2" 2.000	50mm 1.970	380
5663P (56-63)	2" 2.375			2" 2.197	2" 2.375	2" 2.360	2½" 2.500	63mm 2.480	410

NOTE: Fractional numbers reflect nominal pipe diameter, decimal numbers reflect actual O.D. in inches.

(02)

"J" Hooks Drain Pipe

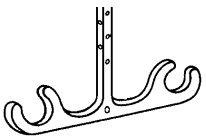


DESCRIPTION	STOCK NO	EACH
½" x 5" CTS	12JHO	1.28
¾" x 5" CTS	34JHO	1.39
1" x 5" CTS	1JHO	1.85
1½" x 8" DWV	112JHO	1.26
2" x 8" DWV	2JHO	1.29
3" x 8" DWV	3JHO	1.36
4" x 8" DWV	4JHO	1.82

(02)

"J" Hooks Drain Pipe

Double J



SIZE	STOCK NO	EACH
¾ x ¾ CTS	34DOJHO	1.21



(02)

DWV Pipe Hangers

SIZE / DESCRIPTION	STOCK NO	EACH
2" ABS	2BJHO	1.20
3" ABS	3BJHO	1.35
4" ABS	4BJHO	1.51



(02)

EZGlide™ Suspension Clamp

- Ribs allow pipe to glide easier and more quietly
- V-shaped split design for easy installations
- Compatible with copper, PEX or CPVC
- Plenum Safe™ models meet ASTM E84 25/50 Flame/Smoke Spread and UL94 V-0 flame rating

SIZE / DESCRIPTION	STOCK NO	EACH
1½"	SC5576	1.18
2"	SC5577	1.53



(14)

Speed Link Universal Support System

LENGTH	STOCK NO	EACH
2 Millimeter with Locking Device		
3 Meter	SLK2L3	18.38
5 Meter	SLK2L5	21.83
3 Millimeter with Locking Device		
2 Meter	SLK3L2	19.82
3 Meter	SLK3L3	22.27
5 Meter	SLK3L5	27.10

erico.com

(27)

Gas Pipe Pipe Hangers

DESCRIPTION	STOCK NO	EACH
Single Hole	GPH1S	1.04
Double Hole	GPH2	1.44



(18)

Single Shot

Insulating Suspension Clamp

With Preloaded Nail

SIZE / DESCRIPTION	STOCK NO	EACH
½"	82980	.42
¾"	82981	.48
1"	82982	1.31

Pipe Hangers

dupageproducts.com

erico.com



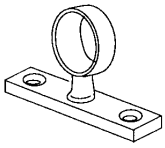


(02C)

Threaded Rod

Continuous Threads

SIZE	THREADS PER INCH	STOCK NO	PER FOOT
Black Steel - 6' Lengths			
1/4"	20	14X6THRO	.33
3/8"	16	38X6THRO	.70
1/2"	13	12X6THRO	1.28
5/8"	11	58X6THRO	2.12
3/4"	10	34X6THRO	3.04
1"	8	1X6THRO	5.96
Black Steel - 10' Lengths			
1/4"	20	14X10THRO	.33
3/8"	16	38X10THRO	.70
1/2"	13	12X10THRO	1.28
5/8"	11	58X10THRO	2.12
3/4"	10	34X10THRO	3.04
Galvanized Steel - 6' Lengths			
1/4"	20	14X6THGSRO	.37
5/16"	18	516X6THGSRO	.62
3/8"	16	38X6THGSRO	.74
1/2"	13	12X6THGSRO	1.32
5/8"	11	58X6THGSRO	2.16
3/4"	10	34X6THGSRO	3.28
7/8"	9	78X6THGSRO	4.83
1"	8	1X6THGSRO	6.35
Galvanized Steel - 10' Lengths			
3/8"	16	38X10THGSRO	.74
1/2"	13	12X10THGSRO	1.32
5/8"	11	58X10THGSRO	2.16
Type 304 Stainless Steel - 6' Lengths			
3/8"	16	38X6THSSRO	3.14
1/2"	13	12X6THSSRO	5.42



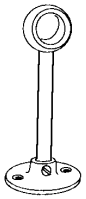
(02)

Jones Hanger

Chromium Plated

No. 825

I.P.S.	STOCK NO	EACH
1/2"	12IP825	30.03



(02)

Extension Hangers

Chromium Plated

No. 820

DESCRIPTION	STOCK NO	EACH
3/8" IPS	38IP820	29.45
1/2" IPS	12IP820	29.45
3/4" IPS	34IP820	29.45
1 1/2" OD	112OD820	31.40



NEW ITEM

Welding Beam Attachment with Bolt and Nut

SIZE	STOCK NO	EACH
3/8"	3866WBA	8.76
1/2"	1266WBA	11.48
5/8"	5866WBA	11.65
3/4"	3466WBA	20.12
7/8"	7866WBA	28.14
1"	166WBA	74.02

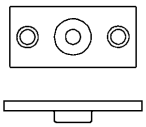


(02C)

Plated Rod Coupling

No. 25

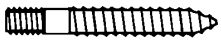
SIZE	STOCK NO	EACH
1/4"	14ROCO	.52
3/8"	38ROCO	.56
1/2"	12ROCO	.56
5/8"	58ROCO	1.28
3/4"	34ROCO	1.98
7/8"	78ROCO	3.46
Reducing Rod Coupling		
1/2 x 3/8"	12X38ROCO	6.64



(14)

Ceiling Flange

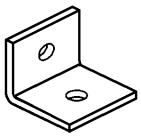
BOLT THREAD SIZE	STOVK NO	EACH
No. 940 - Malleable Iron		
3/8"	38CEFL	1.16
No. 942 - Copper Plated		
3/8"	38COCEFL	1.58
No. 945/941 - Galvanized		
3/8"	38GACEFL	1.31
1/2"	12GACEFL	1.88
No. 940 - Stainless Steel		
3/8"	38SSCEFL	8.19
1/2"	12SSCEFL	10.05



Coach Screw Rod

No. 40

SIZE	STOCK NO	EACH
3/8 x 4"	38X4COSC	2.03
1/2 x 4"	12X4COSC	3.50



(14)

Side Beam Attachment

No. 920

SIZE	FOR PIPE SIZE	STOCK NO	EACH
3/8"	3/4 - 2"	38SIBE	2.32
1/2"	2 1/2 - 3 1/2"	12SIBE	2.85

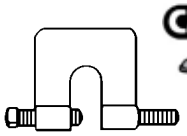


(14)

No. 38 Offset Eye Socket Rod Hanger

Steel

ROD SIZE	PIPE SIZE	STOCK NO	EACH
3/8"	4" Max.	0380037EG	1.56

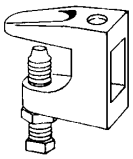


(14)

C-Clamp

No. 270 with Locknut.

SIZE	STOCK NO	EACH
3/8"	38CCL	3.48
1/2"	12CCL	4.26



(14)

Malleable Beam Clamp

SIZE	STOCK NO	EACH
No. 350 - with Locknut		
3/8"	38BECL	1.43
1/2"	12BECL	1.79
5/8"	58BECL	3.59
3/4"	34BECL	5.62
7/8"	78BECL	6.90
No. 350 - Stainless Steel with Locknut		
3/8"	38SSBECL	19.76
1/2"	12SSBECL	22.95

(14)

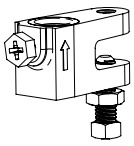
Galvanized Beam Clamp

SIZE	STOCK NO	EACH
No. 350 - with Locknut		
3/8"	38GABECL	1.98
1/2"	12GABECL	2.32
5/8"	58GABECL	4.60
3/4"	34GABECL	7.47

(14)

Wide Mouth Beam Clamp

SIZE	STOCK NO	EACH
No. 360		
3/8"	38WMBECL	2.68
1/2"	12WMBECL	3.12

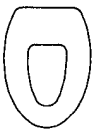


(14)

Caddy Rod Lock Beam Clamp

500 lbs. Load Capacity

SIZE	STOCK NO	EACH
3/8"	CRLB37EG	9.10



(14)

Eye Rod Socket

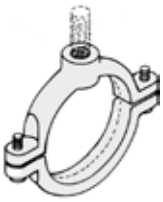
Plain Malleable

SIZE	STOCK NO	EACH
No. 30		
3/8"	38EYSO	2.00
1/2"	12EYSO	2.45



Extension Split Clamp
3/8" Bolt Thread - Hinged

SIZE	ROD SIZE	STOCK NO	EACH
Plain - No. 508R			
3/8"	3/8"	38EXCL	1.33
1/2"	3/8"	12EXCL	1.33
3/4"	3/8"	34EXCL	1.63
1"	3/8"	1EXCL	1.65
1 1/4"	3/8"	114EXCL	1.82
1 1/2"	3/8"	112EXCL	2.22
2"	3/8"	2EXCL	3.31
2 1/2"	1/2"	212EXCL	6.35
3"	1/2"	3EXCL	9.18
4"	1/2"	4EXCL	12.07
Galvanized - No. 508R			
1/2"	3/8"	12GAEXCL	1.43
3/4"	3/8"	34GAEXCL	1.71
1"	3/8"	1GAEXCL	1.75
1 1/4"	3/8"	114GAEXCL	2.13
1 1/2"	3/8"	112GAEXCL	2.49
2"	3/8"	2GAEXCL	3.29
2 1/2"	1/2"	212GAEXCL	7.54
3"	1/2"	3GAEXCL	7.73
4"	1/2"	4GAEXCL	14.67
Copper Plated - No. 512H			
1/2"	3/8"	12COEXCL	1.60
3/4"	3/8"	34COEXCL	1.81
1"	3/8"	1COEXCL	1.86
1 1/4"	3/8"	114COEXCL	2.05
1 1/2"	3/8"	112COEXCL	2.41
2"	3/8"	2COEXCL	2.95
2 1/2"	1/2"	212COEXCL	5.07
3"	1/2"	3COEXCL	9.52
4"	1/2"	4COEXCL	13.28



Stainless Steel Extension Split Clamp
3/8" Bolt Thread

SIZE	ROD SIZE	STOCK NO	EACH
Stainless Steel #304 - No. 510R			
1/2"	3/8"	12SSEXCL	7.71
3/4"	3/8"	34SSEXCL	10.20
1"	3/8"	1SSEXCL	11.08
1 1/4"	3/8"	114SSEXCL	12.12
1 1/2"	3/8"	112SSEXCL	14.67
2"	3/8"	2SSEXCL	18.39

(02)

Sleeve Clips
Designed to fasten sleeves to floor and wall forms prior to pouring concrete.

For Pipe

STOCK NO	EACH
BE58	1.56

(02)

Conduit and Pipe Hangers

SIZE	STOCK NO	EACH
3/8 - 1/2"	120PIHA	1.06
3/4"	341PIHA	1.14
1"	12PIHA	1.28
1 1/4"	1143PIHA	1.56
1 1/2"	1124PIHA	2.06
2"	25PIHA	2.38



Riser Clamp
Low Carbon Steel

SIZE	STOCK NO	EACH
Plain - No. 550		
1/2-3/4"	34RICL	4.10
1"	1RICL	4.04
1 1/4"	114RICL	4.67
1 1/2"	112RICL	4.67
2"	2RICL	4.71
2 1/2"	212RICL	6.25
3"	3RICL	6.79
4"	4RICL	8.40
5"	5RICL	11.85
6"	6RICL	13.41
8"	8RICL	24.78
10"	10RICL	34.04
12"	120RICL	53.62
14"	140RICL	143.77
16"	160RICL	323.60
Copper Plated - No. 552		
1/2"	12CORICL	6.66
3/4"	34CORICL	6.66
1"	1CORICL	8.39
1 1/4"	114CORICL	8.67
1 1/2"	112CORICL	10.56
2"	2CORICL	11.16
2 1/2"	212CORICL	13.10
3"	3CORICL	15.04
4"	4CORICL	20.37
Galvanized - No. 551		
1/2"	12GARICL	5.04
3/4"	34GARICL	5.04
1"	1GARICL	8.08
1 1/2"	112GARICL	10.33
2"	2GARICL	10.82
2 1/2"	212GARICL	11.08
3"	3GARICL	12.21
4"	4GARICL	16.67
5"	5GARICL	20.77
6"	6GARICL	25.52
8"	8GARICL	44.56
10"	10GARICL	69.41
12"	120GARICL	92.09
Stainless Steel - No. 550		
3/4"	34SSRICL	17.48
1"	1SSRICL	17.65
1 1/4"	114SSRICL	18.87
1 1/2"	112SSRICL	19.25
2"	2SSRICL	19.30
2 1/2"	212SSRICL	25.71
3"	3SSRICL	26.54
4"	4SSRICL	31.08



50SA Short Ear Riser Clamp
Plain Carbon Steel

SIZE	BOLT SIZE	STOCK NO	EACH
3/4"	5/16"	34SERICL	6.97
1"	5/16"	1SERICL	6.97
1 1/4"	5/16"	114SERICL	6.97
1 1/2"	5/16"	112SERICL	4.60
2"	5/16"	2SERICL	3.97
2 1/2"	3/8"	212SERICL	6.82
3"	3/8"	3SERICL	5.93
4"	1/2"	4SERICL	7.37
5"	1/2"	5SERICL	10.11
6"	1/2"	6SERICL	11.12



Swivel Ring Hanger
For N.F.P.A. Reduced Rod Sizes

PIPE SIZE	ROD SIZE	STOCK NO	EACH
No. 141 — Plain			
1/2"	3/8"	12SWRIHA	.76
3/4"	3/8"	34SWRIHA	.76
1"	3/8"	1SWRIHA	.76
1 1/4"	3/8"	114SWRIHA	.80
1 1/2"	3/8"	112SWRIHA	.82
2"	3/8"	2SWRIHA	.87
2 1/2"	3/8"	212SWRIHA	1.46
3"	3/8"	3SWRIHA	1.56
3 1/2"	3/8"	312SWRIHA	1.69
4"	3/8"	4SWRIHA	1.84
5"	1/2"	5SWRIHA	3.57
6"	1/2"	6SWRIHA	4.45
8"	1/2"	8SWRIHA	6.52
No. 152 — Copper Plated			
1/2"	3/8"	12COSWRIHA	1.01
3/4"	3/8"	34COSWRIHA	1.03
1"	3/8"	1COSWRIHA	1.05
1 1/4"	3/8"	114COSWRIHA	1.14
1 1/2"	3/8"	112COSWRIHA	1.24
2"	3/8"	2COSWRIHA	1.31
2 1/2"	3/8"	212COSWRIHA	1.84
3"	3/8"	3COSWRIHA	2.47
4"	3/8"	4COSWRIHA	3.17
5"	1/2"	5COSWRIHA	17.40
No. 180 — Stainless Steel			
1/2"	3/8"	12SSSWRIHA	5.89
3/4"	3/8"	34SSSWRIHA	6.23
1"	3/8"	1SSSWRIHA	6.40
1 1/4"	3/8"	114SSSWRIHA	6.94
1 1/2"	3/8"	112SSSWRIHA	7.62
2"	3/8"	2SSSWRIHA	8.32
2 1/2"	1/2"	212SSSWRIHA	12.96
3"	1/2"	3SSSWRIHA	13.13
4"	1/2"	4SSSWRIHA	16.66



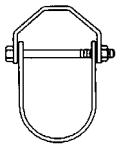
Adjustable Swivel Ring Hanger
For N.F.P.A. Reduced Rod Sizes

PIPE SIZE	STOCK NO	EACH
No. CT-69 — Copper		
1/2"—1 1/4"	12114COSWRIHA	1.61



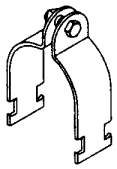
SuperFix Split Ring Hanger
Caddy SuperFix 454

IP SIZE	CT GALV SIZE	STOCK NO	EACH
3/8"	1/2"	454002	2.08
1/2"	3/4"	454004	2.24
3/4"	1"	454005	2.39
1"	1 1/4"	454006	2.51
1 1/4"	1 1/2"	454007	3.11
1 1/2"	—	454008	3.89
—	2"	454009	4.22
2"	—	454010	5.26
—	2 1/2"	454011	5.41
2 1/2"	—	454012	10.77
—	3"	454013	13.05
3 1/2"	—	454016	16.56
4"	—	454017	17.22



Clevis Hanger
Low Carbon Steel

SIZE	STOCK NO	EACH
Standard Weight - No. 450		
¾"	34CLHA	1.56
1"	1CLHA	1.66
1¼"	114CLHA	1.80
1½"	112CLHA	1.86
2"	2CLHA	2.00
2½"	212CLHA	3.19
3"	3CLHA	3.48
3½"	312CLHA	4.59
4"	4CLHA	4.57
5"	5CLHA	6.93
6"	6CLHA	9.28
8"	8CLHA	14.37
10"	10CLHA	27.07
12"	120CLHA	33.02
14"	140CLHA	82.26
16"	160CLHA	127.29
Light Weight - No. 440		
½"	12LDCLHA	1.07
¾"	34LDCLHA	1.20
1½"	112LDCLHA	1.51
2"	2LDCLHA	1.66
2½"	212LDCLHA	2.80
3"	3LDCLHA	3.08
Copper Plated - No. 442		
½"	12COCLHA	1.67
¾"	34COCLHA	1.80
1"	1COCLHA	1.87
1¼"	114COCLHA	2.05
1½"	112COCLHA	2.10
2"	2COCLHA	2.40
3"	3COCLHA	5.13
4"	4COCLHA	5.72
Galvanized - No. 451		
½"	12GACLHA	1.71
¾"	34GACLHA	1.33
1"	1GACLHA	1.86
1¼"	114GACLHA	2.01
1½"	112GACLHA	2.19
2"	2GACLHA	2.35
2½"	212GACLHA	4.36
3"	3GACLHA	4.46
4"	4GACLHA	5.55
5"	5GACLHA	8.96
6"	6GACLHA	10.83
8"	8GACLHA	17.94
10"	10GACLHA	32.66
12"	120GACLHA	32.66
14"	140GACLHA	112.96
16"	160GACLHA	181.53
Stainless Steel - No. 425		
2"	2SSCLHA	7.35
2½"	212SSCLHA	11.61
3"	3SSCLHA	12.26
4"	4SSCLHA	17.52
5"	5SSCLHA	32.38
6"	6SSCLHA	41.67
Standard Epoxy		
½" - ¾"	1234EPCLHA	1.43
1"	1EPCLHA	1.56
1¼"	114EPCLHA	1.77
1½"	112EPCLHA	1.90
2"	2EPCLHA	2.38
2½"	212EPCLHA	3.71
3"	3EPCLHA	4.26
3½"	312EPCLHA	4.85
4"	4EPCLHA	5.13
5"	5EPCLHA	8.42
6"	6EPCLHA	10.93
8"	8EPCLHA	16.82
10"	10EPCLHA	33.63
12"	12EPCLHA	37.05



(14a)
Pipe Clamps
For Rigid Steel Conduit, with Slotted Hex Head Screw No Nut Required, Zinc-Plated

SIZE	STOCK NO	EACH
½"	12RIGD	1.26
¾"	34RIGD	1.14
1"	1RIGD	1.77
1¼"	114RIGD	1.79
1½"	112RIGD	2.02
2"	2RIGD	2.63
2½"	212RIGD	2.74
3"	3RIGD	3.43
4"	4RIGD	4.04
5"	5RIGD	5.49
6"	6RIGD	6.80
Stainless Steel - No. 2011		
½"	12SSRIGD	3.17
¾"	34SSRIGD	3.71
1"	1SSRIGD	4.24
1¼"	114SSRIGD	4.71
1½"	112SSRIGD	7.09
2"	2SSRIGD	6.46
2½"	212SSRIGD	9.52
3"	3SSRIGD	10.17
4"	4SSRIGD	13.43

Copper Plated Tubing Clamps

NOMINAL	STOCK NO	EACH
⅜"	38COTUCL	1.22
½"	12COTUCL	1.22
¾"	34COTUCL	1.37
1"	1COTUCL	1.49
1¼"	114COTUCL	1.68
1½"	112COTUCL	1.81
2"	2COTUCL	2.19
2½"	212COTUCL	3.33
3"	3COTUCL	3.33
4"	4COTUCL	4.76

(14)
Galvanized U - Bolt

SIZE	STOCK NO	EACH
Standard with 4 Hex nuts - No 91		
½"	12GAUBO	1.06
¾"	34GAUBO	1.12
1"	1GAUBO	1.20
1¼"	114GAUBO	1.79
1½"	112GAUBO	1.82
2"	2GAUBO	2.05
2½"	212GAUBO	4.54
3"	3GAUBO	4.92
4"	4GAUBO	5.28
5"	5GAUBO	6.06
6"	6GAUBO	11.38



(14a)
Galvanized V-Channel
Designed for the support of plastic or other flexible pipe systems. Use with V-Bottom clevis hanger.

SIZE	STOCK NO	EACH
10' (½"-2")	1VCHANNEL	47.42
10' (2½"-4")	2VCHANNEL	82.97

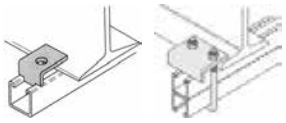
(02)
Sioux Chief Stud Guard
1½" x 6" with nail holes. For metal studs.

STOCK NO	EACH
SC5306M	.60



(02)
Sioux Chief Self-Nailing Boca Plate
16ga, 2 self-nailing tabs, 1 nail hole

STOCK NO	EACH
3X5NAPL	.97
5X8NAPL	2.98



(14)
Beam Clamp

STOCK NO	EACH
No. 7040 (BC20)	
7040BECL	2.24
No. 7070 • 1⅝"	
7070BECL	4.83



Center Load Beam Clamp
Malleable iron, PHD #630

SIZE	STOCK NO	EACH
⅜"	38CLBC	25.27



Hanger Extension Piece
Malleable iron, PHD #25

SIZE	STOCK NO	EACH
⅜"	38HEXP	2.17

Caddy Slick Strut Nut

COPPER	STOCK NO	EACH
⅜"	SLICK375	2.55
½"	SLICK500	2.55

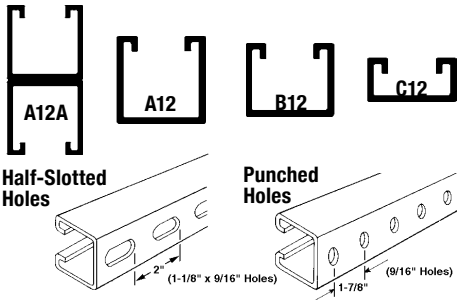
Caddy TSM Tubing Channel Clips
Fits standard 1⅝" strut channel.

COPPER	IPS	STOCK NO	EACH
½"		TSM0062	3.25
¾"	½"	TSM0087	4.21
1"	¾"	TSM0112	5.14
1½"	1"	TSM0137	5.69



(14c)
Galvanized V-Bottom Clevis Hangers
V Bottom Clevis Hanger are designed for the suspension of flexible plastic pipe lines. Used in conjunction with V-Channel.

SIZE	STOCK NO	EACH
½"-2"	1VCLHA	2.98
2½"-4"	2VCLHA	6.48



eaton.com

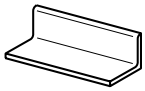
(14A)

Metal Framing - 12 Gauge

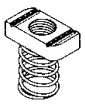
DESCRIPTION	STOCK NO	PER FOOT
A12A 1⅝" x 3¼"		
20' Green, welded back-to-back		
Half-Slotted holes	*A12A20GR*	*15.00*
20' Galvanized, welded back-to-back		
Half-Slotted holes	*A12A20GA*	*12.44*
A12 1⅝" x 1⅝"		
20' Green		
No holes	*A12GR*	*4.67*
10' Green		
Punched holes	*A12P10GR*	*5.44*
20' Green		
Punched holes	*A12PGR*	*5.44*
20' Green		
Half-Slotted holes	*A12HSGR*	*4.67*
20' Galvanized		
Half-slotted holes	*A12HSGA*	*3.82*
20' Stainless Steel		
Half-slotted holes	*A12HSSS*	*18.33*
10' Green		
Half-slotted holes	*A12HS10GR*	*4.67*
10' Galvanized		
Half-slotted holes	*A12HS10GA*	*3.82*
B12 1⅝" x 1⅜"		
20' Green		
Half-slotted holes	*B12HSGR*	*5.44*
20' Galvanized		
Half-slotted holes	*B12HSGA*	*4.22*
C12 1⅝ x 13/16"		
20' Green		
No holes	*C12GR*	*4.11*
10' Galvanized		
Half-Slotted holes	*C12HS10GA*	*3.60*
10' Green		
Half-Slotted holes	*C12HS10GR*	*4.11*
20' Green		
Half-Slotted holes	*C12HSGR*	*4.11*
20' Galvanized		
Slotted holes	*C12HSGA*	*3.60*
20' Stainless Steel		
Slotted holes	*C12HSSS*	*23.33*

(02)

Angle Iron Metal Framing



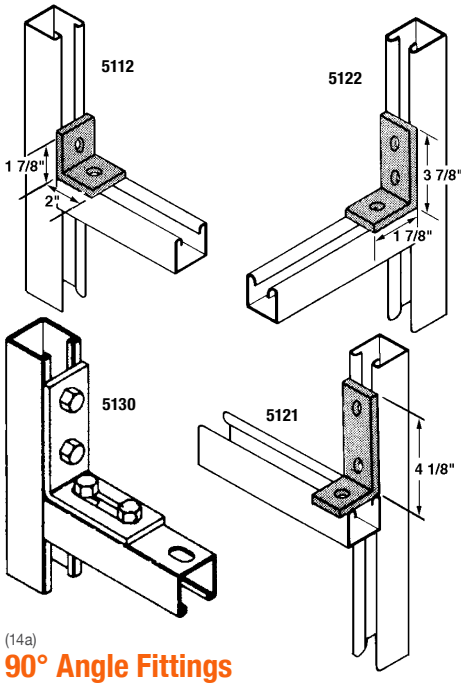
SIZE	STOCK NO	PER FOOT
2 x 2 x ¼" x 20'	*2X20ANIR*	*4.76*
3 x 3 x ¼" x 20'	*3X20ANIR*	*7.39*



(14a)

Nuts

SIZE	NO	STOCK NO	EACH
With Regular Spring			
¼"	*3104*	*14SPRA*	*.63*
⅜"	*3106*	*38SPRA*	*.78*
½"	*3108*	*12SPRA*	*.84*
⅝"	*3109*	*58SPRA*	*3.79*
Less Spring			
¼"	*3004*	*14NUWOSP*	*.59*
⅜"	*3006*	*38NUWOSP*	*.74*
½"	*3008*	*12NUWOSP*	*.78*
⅝"	*3009*	*58NUWOSP*	*1.73*
¾"	*3010*	*34NUWOSP*	*1.96*



(14a)

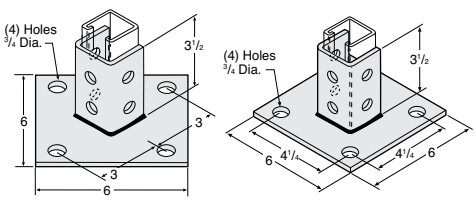
90° Angle Fittings

DESCRIPTION	STOCK NO	EACH
2-Hole	*5112*	*2.06*
3-Hole	*5122*	*4.82*
3-Hole	*5121*	*7.60*
4-Hole	*5130*	*4.88*

(14a)

45° Angle Connector

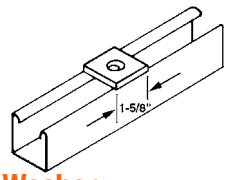
DESCRIPTION	STOCK NO	EACH
4-Hole	*5345*	*3.83*



(14a)

Post Base for 1⅝" Strut

DESCRIPTION	STOCK NO	EACH
4-Hole	*6020*	*24.92*
4-Hole	*6025*	*26.44*



(14C)

Square Channel Washer

SIZE	NO	STOCK NO	EACH
⅜"	*5001*	*38SQCHWA*	*.84*
½"	*5002*	*12SQCHWA*	*.84*
⅝"	*5003*	*58SQCHWA*	*.84*
¾"	*5004*	*34SQCHWA*	*.84*



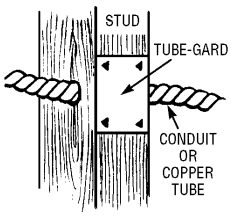
Combo Nut Washer

- Can be used in all channel sizes
- Hex nut to lock in place sold separately

Electrodeposited zinc finish - ASTM B633 SC1

THREAD SIZE	STOCK NO	EACH
½"	*BLNW525ZN*	*1.42*
⅜"	*BLNW528ZN*	*1.35*

See page 1040 for Hex Nuts



(02)

"Tube-Gard"

Nailing Plates

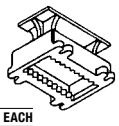
Hard steel plate with spurs for self-nailing to stud. Prevents nails or drills hitting conduit or copper. For plumbing, heating or electrical construction.

SIZE	STOCK NO	EACH
1½" x 3"	*112X3NAPL*	*.40*
1½" x 6"	*112X6NAPL*	*.60*
1½" x 18"	*112X18NAPL*	*2.04*
Same as above with 8 nail holes.		
1½" x 9"	*112X9NAPL*	*.93*

Hangers, Pipe Supports and Brackets

cooperbline.com

(14a)
Plain Concrete Insert
Malleable iron



STOCK NO	EACH
PLCOIN	15.10



(14a)
Plain Concrete Insert
Malleable iron



SIZE	STOCK NO	EACH
3/8"	38INNU	4.89
1/2"	12INNU	4.89
5/8"	58INNU	4.89
3/4"	34INNU	7.31

(02)
Crete-Sleeve Plastic Hole Forms

SIZE	STOCK NO	EACH
1 1/2"	N3590500	3.97
2"	N2780500	4.91
3"	N2790500	5.95
4"	N2800500	7.94
5"	N2810500	8.98
6"	N2820500	10.87
8"	N2830500	20.79



(14a)
Cushion Clamps

OD SIZE	NO	STOCK NO	EACH
1/4"	2501	14CUCL	2.48
3/8"	2502	38CUCL	2.90
1/2"	2503	12CUCL	3.03
5/8"	2504	58CUCL	3.05
7/8"	2506	78CUCL	4.00
1 1/8"	2507	118CUCL	5.07
1 3/8"	2508	138CUCL	6.27
1 5/8"	2509	158CUCL	6.97
2 1/8"	2510	218CUCL	11.14
2 5/8"	2510	258CUCL	15.58
3 1/8"	2512	318CUCL	19.93

(14)
Roof Top BLOX Piping Support System
Includes clamping strap.



STOCK NO	EACH
RTB01	24.48

(14)
BLOX 1 1/2" Blox Height Extension
Includes (2) mounting screws.

STOCK NO	EACH
XTB02	13.16



MI15 MI3RAH7 MI255

(14)
MIRO Pipe Supports

PIPE SIZE	STOCK NO	EACH
Roof Top Pipe Support		
1 1/2"	MI15	12.43
Roof Top Roller Pipe Support - Adjustable up to 7"		
3"	MI3RAH7	34.11
Conduit Pipe Support - Adjustable from 2 1/2" - 7"		
Up to 3"	MI255	38.34

Sioux Chief (02)

siouxchief.com



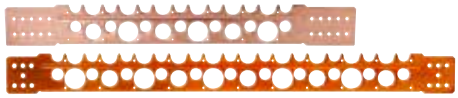
Stub Out Bracket
Copper-plated • 16 Gauge
Extruded models provide 4 times the soldering surface for extra strength.
521-118 - 1/2" CTS, 2" O.C. (8)
521-126 - 1/2" CTS, 2" O.C. (11)

SIZE	STOCK NO	EACH
1 1/4" x 20"	SC521118	5.19
1 1/4" x 26"	SC521126	7.81



20" Multi-Hole Bracket
With 1/2, 3/4, and 1" holes.

STOCK NO	EACH
SC521810	6.17



Secure-All
Copper-plated bracket • 18 Gauge
With 1/2, 3/4, and 1" holes.
Bracketing area on 521-851 is 14"
Bracketing area on 521-852 is 22"

SIZE	STOCK NO	EACH
2 x 20"	SC521851	5.69
2 3/8 x 26"	SC521852	6.94

(18)
SimpleStrap™ Stub Out Bracket Kit
1 Kit/Bag Includes:
1/2" CTS Straps with 20" Bracket and Nails.



STOCK NO	EACH
SC5252002PK2	3.16

(14)
7510-RT Rooftop Support Block



STRUT CHANNEL SIZE	STOCK NO	EACH
13/16" x 1 5/8"	7510RT7200Z	22.80



Chase Bracket
Copper-plated • 16 Gauge
Cradles copper water headers up to 3" diameter.
Includes 5" stainless steel band.

STOCK NO	EACH
SC521723	8.50



Carrier Bracket
Copper-plated • 16 Gauge
1" CTS Hole - Domestic. Washers included.

STOCK NO	EACH
SC521725	14.79



Power Bar
Universal Slider Bracket
1 Bracket, 6 drill-tip screws.

SIZE	STOCK NO	EACH
9-16" span	SC5231604	3.79



Lock Block
CTS Tube Clamp with screws

SIZE	STOCK NO	EACH
1/2"	SC525B2	1.43



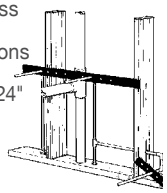
Strong Arm

LOCK BLOCKS	SIZE	STOCK NO	EACH
For use with 16" stud bays			
1	1/2"	SC5251612	4.43
1	3/4"	SC5251613	4.75
1	1"	SC5251614	4.87
2	1/2"	SC5251622	5.52
For use with 24" stud bays			
1	1/2"	SC5252412	5.04
2	1/2"	SC5252422	6.12

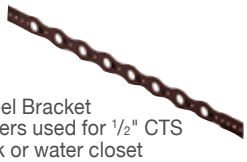
For PexRite Brackets see page 1213

Copper Supports

- Unique copper-bonded process
- Heat the pipe, not the bracket
- Solutions for various applications
- Supports 1/2" to 1 1/4" CTS
- Designed for stud bays up to 24"



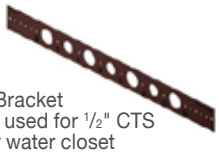
No. 100



- Copper-Bonded, Steel Bracket
- 5/8" holes on 2" Centers used for 1/2" CTS
- Ideal for lavatory/sink or water closet

SIZE	STOCK NO	EACH
20"	HO10018	3.10

No. 101



- Copper-Bonded, Steel Bracket
- 5/8" holes on 2" Centers used for 1/2" CTS
- Ideal for lavatory/sink or water closet

SIZE	STOCK NO	EACH
20"	HO10118	3.92
26"	HO10126	4.48

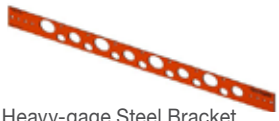
No. 102



- Copper-Bonded, Heavy-gage Steel Bracket
- Alternating 7/8" and 1 1/8" holes on 4" Centers
- Used for 3/4" and 1" CTS
- Ideal for water heater and relief lines

SIZE	STOCK NO	EACH
20"	HO10218	3.22
26"	HO10226	4.15

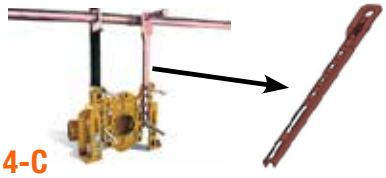
No. 107



- Copper-Bonded, Heavy-gage Steel Bracket
- Holes on 2" Centers for 1/2" CTS
- Holes on 4" Centers for 3/4" and 1" CTS
- Ideal for lavatory, toilet and water heater

SIZE	STOCK NO	EACH
20"	HO10718	3.59
26"	HO10726	5.93

No. 114-C



- Copper-Bonded, Heavy-gage Steel Bracket mounts directly to 4-bolt toilet carrier and positions flush valve at 11 1/2" above toilet
- Used for 1" flush valve support
- allows for rough-in prior to framing
- 4 1/2" offset center line rough-in

SIZE	STOCK NO	EACH
23 1/4" x 2 1/2"	HO114C	15.99

No. V-2



- Easy pre-fabrication
- Ideal for horizontal applications
- Mounts to waste/vent pipes or building stucture
- Copper-Bonded, heavy-gage steel bracket, supports 1/2" to 3" tubing with 250lb capacity
- Includes self-locking steel band and felt pad

STOCK NO	EACH
HOV2	12.99

No. 111-S



- Copper-Bonded, Steel Bracket mounts directly to waste/vent pipe
- Supports 1/2" tubing on 4", 6", 8" centers and 3/4" tubing on 4" and 8" centers
- Includes felt and steal clamp for attachment
- Horizontal or vertical support

SIZE	STOCK NO	EACH
20"	HO111S	9.99

No. 721



Galvanized
Bracket-Single-hole Plate

SIZE	STOCK NO	EACH
1/2"	HO721	2.95

Fixture Outlet Box & Escutcheon

NEW ITEM

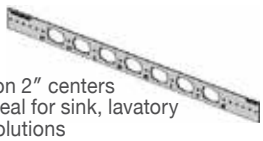


Each fixture box assembly includes a supply valve with a quarter-turn hand and threaded compression connection Protective debris cover included. Escutcheons, valve extension, and other accessories sold separately

SIZE	STOCK NO	EACH
3/8" PEX	HOHRFP1	13.09
3/8" PEX (Fire Rated)	HOHRFRP1	18.83
Chrome Trim Cover	HOHRFCH	3.69

PEXRITE Galvanized Bracket

No. 103



- 1-3/8" keyed holes on 2" centers
- Versatile bracket ideal for sink, lavatory & toilet plumbing solutions
- Integrates with PEXRITE No. 701 and No. 704 with patented connection and other HOLDRITE inserts

SIZE	STOCK NO	EACH
20"	HO10318	3.40

No. 701



- Compatible with PEX, Copper, and CPVC
- Tightens by hand, no tools required
- Secure fit prevents movement

STOCK NO	EACH
HO701	1.55

No. 704



- Can be installed to stud or No. 103 bracket
- Reduces in-wall fittings and concealed joints
- Provides 360-degree turning radius
- Compatible with all PEX tubing
- 4 1/16" x 5 1/2" Supports 3/8-1/2" tubing

STOCK NO	EACH
HO704	1.80

Telescoping Brackets

Telescoping galvanized steel design supports CPVC, Copper, and PEX tubing



Stout Brackets

- Numerous clamps and fittings integrate onto multiple sides of Stout Bracket for superior strength and versatility
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Includes 4 screws

SIZE	STOCK NO	EACH
10-18" span	HOSB1S	4.59
13-25" span	HOSB2S	5.40

Isolation Clamp



Variable-size clamp compatible with Copper, PEX, CPVC, Iron, and more.

SIZE	STOCK NO	EACH
Up to 1"	HO250	1.40
1" to 2"	HO280	4.60



No. SB3 & SB4

- Ideal for toilet, sink/lav., shower head, tub spout, vertical, mid-span, and much more
- Supports both 2-eared and 3-eared 90s
- Integrates with several HOLDRITE clamps and other industry components

SIZE	STOCK NO	EACH
10-18" span	HOSB3	3.47
15 1/4-25 1/2" span	HOSB4	4.83

ProGuard



Stub-Out Clamp Support

SIZE	STOCK NO	EACH
1/2" CTS	HO731	1.70
3/4" CTS	HO732	1.70

Turn-Out Support - For use with PEX Only

1/2" CTS	HO734	1.95

No. 117-K

No-Hub Retention
Strap Kit. 1/4 Bend



SIZE	STOCK NO	EACH
3"	HO1173K	69.95
4"	HO1174K	76.94
5"	HO1175K	83.94
6"	HO1176K	90.93
8"	HO1178K	97.93
10"	HO11710K	314.76
12"	HO11712K	354.73
15"	HO11715K	464.65

No. 117-L

No-Hub Retention Band.
Cast Iron. 1/8 Bend



SIZE	STOCK NO	EACH
4"	HO1174L	76.94
6"	HO1176L	90.93
8"	HO1178L	97.93
10"	HO11710L	314.76
12"	HO11712L	354.73

Hangers, Pipe Supports and Brackets

Sioux Chief (02)

siouxchief.com

Pipefix

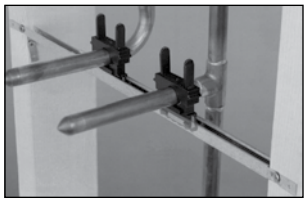
Each Pipefix assembly includes:
- (1) P552 stainless band
- (2) ½-¾" clamps
- attaching screws



STOCK NO	EACH
Standard Green	
PIFISU	8.50
Fire Retardant Red	
PIFISUFR	11.12

Universal Slider Bracket

16" adjustable pipe bracket and clamping system. Fast to install.



STOCK NO	EACH
5231624	5.14

Channel Clamp Set

For above

STOCK NO	EACH
5225501	.89

Touchdown Tube Hangers



STOCK NO	EACH
1 base, 1 bridge and screw/bag	
SC55011	.67
100 Bases, bridges and screws - bulk	
SC55012	.50

Plenum Safe Touchdown II Pipe Supports



STOCK NO	EACH
E84 base and bridge and 2 screws/bag	
SC55020	2.90
E84: 1 bridge 1 base with strut clamp/Bag	
SC5502T	3.36

Power Bar

Includes 1 Bracket & Screws



STOCK NO	EACH
SC5232404	4.82

Power Bar

Includes 1 Bracket & 2 Clamps



STOCK NO	EACH
SC5232434	7.12

Totem Offset CTS Hanger

Stacked Offset



SIZE	STOCK NO	EACH
½ x ¾" CTS	SC552C23	.36
¾ x ¾" CTS	SC552C33	.38

Walraven (02)

walraven.com

BISMAT® Flash



- single screw clamp
- with BISMAT® Flash quick locking system
- clamp easy to close with one hand
- the locking screw can be secured without use of tools
- material: steel
- zinc plated
- noise insulating lining, EPDM rubber, black
- age resistant lining
- sound insulating lining according DIN 4109
- tested for fire safety
- Plenum rated - tested to ASTM E-84

For use with ⅜" Threaded Rod

IPS	NIRON (MM)	STOCK NO	EACH
½"	20 mm	CR3379023	2.76
¾"	25 mm	CR3379028	2.88
1"	32 mm	CR3379035	3.10
1¼"	40 mm	CR3379043	3.80
1½"	50 mm	CR3379051	4.07
2"	63 mm	CR3379063	4.47

W2000 Cushion Strut Clamp



- the new alternative to the Cushion Clamp
- one-piece design - no loose parts
- easier, faster, safer - installs with one hand
- 3-way screw head - Phillips, flat and hex
- unique design allows one clamp to fit multiple pipe sizes
- W Series Clamps are boxed for easy handling - no more bags
- material: steel 1.0242
- surface treatment: high grade Zn-Mg based coating (600 hours salt spray)
- black EPDM rubber lining protects against galvanic corrosion
- noise/vibration insulating lining
- age resistant lining

IPS	NIRON (MM)	STOCK NO	EACH
½"	20 mm	2025012	1.65
¾"	25 mm	2025014	1.88
1"	32 mm	2025016	3.12
1¼"	40 mm	2025020	3.84
1½"	50 mm	2025022	4.07
2"	63 mm	2025026	4.64

BIS Heavy Duty Clamp HD1501

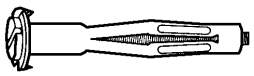


- wo-part clamp with two locking bolts
- up to and including 5": locking nut is captive
- heavy design
- bolts secured with anti-loss washer
- with CO2 welded connection nut
- material: steel
- surface protection:
  - product is part of the BIS UltraProtect® 1000 system
  - suitable for in and outdoor applications
- noise insulating lining, EPDM rubber, black
- also available: noise insulating lining of silicone rubber (reddish brown), heat resistant up to +395 °F (A 35 15)
- age resistant lining
- sound insulating lining according DIN 4109
- noise reduction according to ISO 3822-1 up to 18 dB(A)
- tested for fire safety

For use with ½" & ⅜" Threaded Rod

IPS	NIRON (MM)	STOCK NO	EACH
¾"	25 mm	33178029	10.53
1"	32 mm	33178035	13.56
1¼"	40 mm	33178045	12.17
1½"	50 mm	33178051	12.55
2"	63 mm	33178064	13.63
2½"	75 mm	33178078	13.15
3"	90 mm	33178092	13.32
4" IPS ONLY	--	33178116	16.11
4" Niron	125 mm	33178133	19.17
6"	160 mm	33178169	30.24
--	200 mm	33178204	33.98
--	250 mm	33178250	34.96
12"	315 mm	33178325	54.23

Rawl Screw Anchors



With Wall Installation, 50 per Box

BOLT SIZE	QUANTITY PER BOX	STOCK NO	EACH
1/4"-20	50	14SRASCAN	1.07

Rawl Toggle Bolts



BOLT	STOCK NO	EACH
Spring-Wing Type		
1/8 x 4	18X4RATOBO	.30
3/16 x 3	316X3RATOBO	.30
1/4 x 3	14X3RATOBO	.35
1/4 x 4	14X4RATOBO	.43
1/4 x 6	14X6RATOBO	.62
3/8 x 4	38X4RATOBO	.98
3/8 x 6	38X6RATOBO	1.45
Wing Only		
3/8"	38RATOWI	.74

Rawl Expansive Screw Anchors



Less Bolts

SCREW SIZE	HOLE SIZE DIAXDEPTH	STOCK NO	EACH
10-24	3/8 x 5/8"	1024RASCAN	.35
1/4"-20	1/2 x 7/8"	1420RASCAN	.44
3/8"-16	3/4 x 1 1/4"	3816RASCAN	1.17
1/2"-13	7/8 x 1 1/2"	1213RASCAN	2.32
Tool for Drop-In Bolt Anchor			
3/8"		38RAANTO	3.50
1/2"		12RAANTO	5.24
5/8"		58RAANTO	8.75
3/4"		34RAANTO	12.23

Flanged Drop-In (Lipped) Anchors



NO	SIZE	STOCK NO	EACH
6324	1/4"	14RADRINANL	.38
6326	3/8"	38RADRINANL	.50
6328	1/2"	12RADRINANL	.87
Tool for Drop-In Bolt Anchor			
3/8"		38RAANTO	3.50
1/2"		12RAANTO	5.24
5/8"		58RAANTO	8.75
3/4"		34RAANTO	12.23

Rawl Pipe Spike



BOLT	STOCK NO	EACH
3/8"	38RAPISP	.94

Snake Plus Screw Anchor



Internally Threaded Self-Tapping Anchor

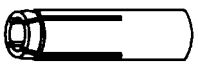
DESCRIPTION	STOCK NO	EACH
3/8"	PO6401SD	1.01
1/2"	PO6403SD	3.23

Snake Plus Setting Tool



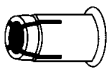
DESCRIPTION	STOCK NO	EACH
3/8"	PO6407SD	10.43
1/2"	PO6404SD	16.62

Rawl Drop-In Bolt Anchor



BOLT	STOCK NO	EACH
Steel		
3/8"	38RADRINAN	.40
1/2"	12RADRINAN	.68
5/8"	58RADRINAN	1.52
3/4"	34RADRINAN	3.23
Hollow		
3/8"	38RADRINANH	3.27
1/2"	12RADRINANH	5.06
Tool for Drop-In Bolt Anchor		
3/8"	38RAANTO	3.50
1/2"	12RAANTO	5.24
5/8"	58RAANTO	8.75
3/4"	34RAANTO	12.23

Rawl Mini Drop-In Anchor



For shallow embedment. Carbon steel.

BOLT	STOCK NO	EACH
3/8"	38RAMIDRINAN	.41
Tool for Mini Drop-In Anchor		
3/8"	38RAMIANTO	5.95

Rawl Double Heavy Duty Bolt Anchor



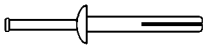
BOLT	STOCK NO	EACH
3/8"	38RAHDBOAN	1.38

Rawl Stud Anchor



BOLT	STOCK NO	EACH
1/4 x 3 1/4"	14X314RASTAN	.37
3/8 x 2 1/4"	38X214RASTAN	.53
3/8 x 2 3/4"	38X234RASTAN	.57
3/8 x 3"	38X3RASTAN	.59
3/8 x 3 3/4"	38X334RASTAN	.70
1/2 x 2 3/4"	12X234RASTAN	.89
1/2 x 3 3/4"	12X334RASTAN	.98

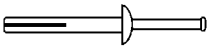
Rawl Nylon Nailins



Lightweight Nail Drive Anchors, Mushroom Head

BOLT	STOCK NO	EACH
1/4 x 1	14X1RANYNA	.20

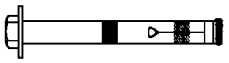
Rawl Zamac Nailins



One-Piece Nail Drive Anchors, Mushroom Head

BOLT	STOCK NO	EACH
1/4 x 1"	14X1RAZANA	.17
1/4 x 1 1/4"	14X114RAZANA	.18
1/4 x 1 1/2"	14X112RAZANA	.21
1/4 x 2"	14X2RAZANA	.26

Rawl-Bolt-U/L Listed



BOLT	STOCK NO	EACH
3/8 x 2 1/4"	38X214RAULBO	3.21
1/2 x 2 3/4"	12X234RAULBO	4.49
1/2 x 3 3/4"	12X334RAULBO	4.92

Bantam Plugs



Light Duty Plastic Screw Anchors

BOLT	STOCK NO	EACH
8-10 x 7/8"	810SCAN	.04
10-12 x 1"	12SCAN	.05

Sioux Chief Red Expander Anchor Kit

100 Rawlplug anchors & screws plus 1 drill bit.

BOLT	STOCK NO	EACH
10 x 1"	100RASCANKI	11.66

Vertigo Rod Hanger Fastening System

- Anchoring onto concrete, wood, and metal substrates
- Suitable for solid base materials
- One piece self-tapping screw style mechanical anchor (concrete)
- One piece self-drilling screw style mechanical anchor (wood and steel)
- Two head configurations for vertical and side mounting
- Zinc plated carbon steel
- Proven diaphragm design
- Tough gloss finish
- Outstanding value

Vertical Hangers

Wood



Self drilling and threading in wood for hanging pipe. 3/8" rod.

DESCRIPTION	STOCK NO	EACH
1" for pipe 1/2"—1"	PO7203	.90
2" for pipe 2 1/2" and smaller	PO7165	.83
3" for pipe 3"—4"	PO7167	1.00

7173 Concrete



For use in concrete. Predrilling required. 3/8" rod.

STOCK NO	EACH
PO7173	1.20

Steel

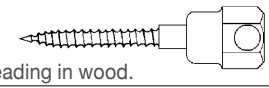


Self drilling and tapping in steel up to 3/16" thick. 3/8" rod.

DESCRIPTION	STOCK NO	EACH
1"	PO7158	.96
2"	PO7157	1.18

Side Hangers

7170 Wood



Self drilling and threading in wood.

SIZE	STOCK NO	EACH
3/8" rod	PO7170	1.00

Screws & Bolts

buildingfasteners.com

(14B)

Steel Wood Screws

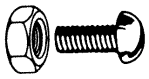


Flat Head Phillips - Bright

SIZE	STOCK NO	EACH
1 1/2"	11212WOSC	.29
2"	212WOSC	.27

(14B)

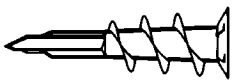
Stove Bolts



1/4" Diameter

LENGTH	STOCK NO	EACH
1/2"	14X12STBO	.17
3/4"	14X34STBO	.10
1"	14X1STBO	.26
1 1/4"	14X114STBO	.29
1 1/2"	14X112STBO	.11

ZIP-IT with Screws



NO	SIZE	STOCK NO	EACH
Zinc			
2349	3/8"-1"	381RAZITZ	.38
Nylon			
2348	3/8"-1"	381RAZITN	.41

(14B)

Sheet Metal Screws



LENGTH	STOCK NO	EACH
Pan Head		
1 1/2"	11210SMSC	.06
2"	212SMSC	.18
Hex Head		
1"	110HHSMSC	.12
Phillips		
3/4"	3410SMSC	.04

Sammy Hangers

norfastinc.com

Sammy Xpress

Installation Tool Includes Sleeve, Bit Receiver, Hex Wrench, and 25/64" Drill Bit.

STOCK NO	EACH
UXPIT	391.71

Sammy X-Press



Expands to provide direct vertical attachment in light gauge steel deck or purlin

SIZE	STOCK NO	EACH
3/8"	XP20	8.55

Metal Screws & Rivets

malcoproducts.com

Malco "Zip-in" Self-Drilling Screws



NO. SIZE	PACK QTY.	STOCK NO	EACH
#8 1/2"	12,000 Pack	HW812Z12M	442.39
#8 1"	7000 Pack	HW81Z7M	415.18
#7 1/2"	1000 Pack	HW712Z	37.12
#8 1/2"	1000 Pack	HW812Z	39.93
#8 3/4"	1000 Pack	HW834Z	51.91
#8 1"	500 Pack	HW81Z	32.72
#10 1"	500 Pack	HW101Z	41.47
#8 1 1/2"	250 Pack	HW8112Z	22.56
#8 2"	250 Pack	HW82Z	30.23
#8 1/2"	100 Pack	HW8X12Z1C	6.08
#12 2"	25 Pack	HW12225PK	8.85

Zip-In® Screws in a Pail



NO. PER PAIL	STOCK NO	EACH
7,500 Pack	HW712ZP	271.43
7,000 Pack	HW812ZP	275.62

Malco "Bit-Tip"



Hex Washer Head Type

Drills its own hole, taps a matching thread and fastens in steel up to .220 thick in less time than it takes to drill a pilot hole for other fasteners.

BOLT	STOCK NO	EACH
# 8 - 500 Pack		
3/4" (Slotted)	MABT233T	50.68
1"	MABT134T	51.99
# 8 - 1000 Pack		
1/2" (Slotted)	MABT231T	75.21
# 10 - 500 Pack		
1/2"	MABT141T	46.09
3/4"	MABT143T	49.44
1"	MABT144T	68.59
# 10 - 7000 Pack		
3/4"	MABT143	665.97

Blind Rivets

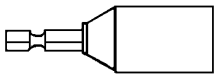


1000 Per Pack

SIZE	STOCK NO	EACH
1/8 x .232"	SS42DT	52.10
1/8 x .357"	SS44DT	56.94

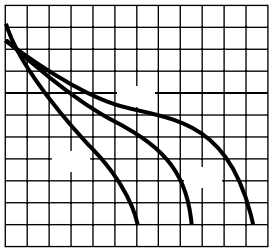
Installation Tools

Nut Driver



DESCRIPTION	STOCK NO	EACH
For Wood		
Red w/spin off feature	PFM2201150	10.98
For Concrete		
Blue with 3/16" hole	PO7197	10.14
For Steel		
Silver	PFM2201200	19.22





HN Series
Self Priming Shallow Well Jet Pumps

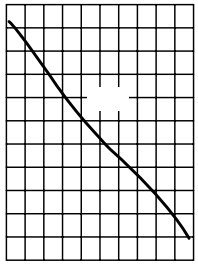
- HN models provide superior performance with more pressure for wells to 25' deep.
- Self-priming after the priming chamber has been filled with water.
- Cast iron body.
- Built-in jet.
- Square-D pressure switch factory set at 30-50 psi for higher pressure.
- HNC, HND, HNE models have 1¼" suction & 1" discharge pipe tapping sizes

STOCK NO	PRICE
HNC	*646.92*
HND	*851.63*
HNE	*945.17*

HN SERIES Pump Performance GPM

Model	HP	Discharge Pressure	Pumping Depth in Feet 5	10	15	20	25	Shut Off Pressure (PSI)
HNC	1/2	30	15.0	13.0	11.6	8.7	6.9	70
		40	12.5	11.4	10.1	8.2	6.8	
		50	8.0	6.8	6.1	4.8	3.5	
HND	3/4	30	21.4	19.1	16.5	13.3	9.5	67
		40	20.8	18.7	15.8	13.2	9.3	
		50	13.5	11.6	10.1	7.4	2.4	
HNE	1	30	28.5	25.0	21.4	17.4	12.6	67
		40	28.3	24.4	21.0	17.2	12.3	
		50	21.5	18.3	10.9	3.1	1.6	





SNC Series
Shallow Well Jet Pumps

- SNC models provide excellent performance with good pressure for wells to 25' deep.
- Close-grained cast iron body.
- Built-in jet.
- SNC model features 30-50 switch and 1¼" suction, 1" discharge pipe tapping sizes.

STOCK NO	PRICE
SNC	*689.04*

SNC SERIES Pump Performance GPM

Model	HP	Discharge Pressure	Pumping Depth in Feet 5	10	15	20	25
SNC	1/2	30	9.7	8.3	7.8	5.9	4.3
		40	7.9	7.2	6.4	5.6	4.1
		50	4.5	3.8	3.1	2.7	1.8

SSJ Design Series
Vertical Single Stage
Deep Well Jet Pumps



SSJ deep well jet pumps feature over-the-wall "bolt-on" capability with a special casing adapter for 2" and 3" single pipe installations. A J216-26 adapter flange adapts all double pipe, installations and offset single pipe applications to the SSJ bolt-jet pump. The SSJ includes automatic pressure regulator, pressure gauge and pressure switch.

STOCK NO	PRICE
SSJD	*966.22*

Pump Performance GPM

Model	HP	Jet No	Pumping Depth in Feet 30	40	50	60	70	80	90	100	110
2" SINGLE PIPE JETS (40 PSI)											
SSJD	3/4	9AP	10.6	7.4	4.7	2.3	----	----	----	----	----
		8AP	5.0	4.7	4.2	3.8	3.3	2.7	2.3	1.8	1.3
4" DOUBLE PIPE JETS (40 PSI)											
*SSJD	3/4	CK-1	8.3	7.4	6.3	5.3	3.8	3.5	2.6	1.8	1.0

*Use flange adapter J216-26

HL Design Series
Self-Priming Convertible
Jet Pumps



HL pumps feature a proven self-priming , suction-over-drivepiping configuration. The same convertible jet can be attached to pump for use on shallow well installation, or be utilized in 4" or larger wells as a double pipe deep well jet. One-piece cast-iron pump body and base. Built-in pressure regulator. Pressure gauge. Square D 30-50 pressure switch.

STOCK NO	PRICE
HLC	*817.84*
HLD	*1038.36*
HLE	*884.96*

Pump Performance GPM

Model	HP	Jet No	SHALLOW WELL (15' Suction Lift) Discharge Pressure PSI 20'	30'	40'	50'	60'	70'
HCL	1/2	129SD	8.1	7.9	7.8	5.8	2.8	----
HLD	3/4	CK-1	12.1	12.0	11.9	10.5	5.0	----
DEEP WELL								
Model	**HP**	**Jet No**	**(40 PSI Discharge Pressure) Pumping Depth in Feet 20**	**30**	**40**	**50**	**60**	**70**
HCL	1/2	54AP	7.4	6.3	5.2	3.9	2.5	2.0
HLD	3/4	10AP	10.5	10.0	8.1	6.2	----	----
HLE	1	54AP	6.0	5.3	4.8	4.2	4.1	3.7
		9AP	11.7	11.1	9.8	6.8	----	----
		8AP	6.7	5.8	5.3	4.7	4.5	4.1

SLD Series
Deep Well Jet Pump

3/4 HP

STOCK NO	PRICE
SLD	*760.03*

Sta-Rite Jet Pumps (32)

starite.com

MS Design Series Multi-Stage Vertical Deep Well Jet Pumps



MS deep well jet pumps feature over-the-wall "bolt-on" capability, with a special casing adapter for 2" and 3" single pipe installations, and adapter. Flanges for adapting all double pipe installations and offset single pipe applications to the MS bolt-on deep well jet pump. Suction and pressure connections are threaded for optional direct plumbing to the pump on double pipe and offset single pipe installations.

With automatic pressure regulator.

STOCK NO	PRICE
MSD	*1181.65*
MSE	*1214.17*

2" SINGLE PIPE JETS (40 PSI)

Model	HP	Jet No	Pumping Depth in Feet											
			30	40	50	60	70	80	90	100	120	130	140	180
MSD	3/4	12AP	10.0	8.3	6.1	4.7	3.8	2.0	1.4	----	----	----	----	---
		8AP	5.5	5.4	5.2	5.0	4.4	4.3	4.1	3.7	2.4	2.1	1.4	---
MSE	1	12AP	12.1	11.3	11.2	10.0	8.8	7.6	6.5	5.6	1.8	----	----	---
		8AP	5.5	5.5	5.3	5.3	5.2	5.1	5.0	5.0	5.0	4.5	4.2	2.0

(34)

Pentek Intellidrive

Water Pressure Control Center



STOCK NO	PRICE
PID10	*1275.77*
PID20	*1547.18*
PID50	*2836.56*

Model Number	Motor Type	HP Range	Input Voltage	Max. Output Ampsa	Enlosure Type
PID10	*2-WIRE 1-PHASE	.5-1HP	190V-265V	9.5A	NEMA 3R Outdoor
	3-WIRE 1-PHASE			7.5A	
	3-PHASE			5A	
PID20	*2-WIRE 1-PHASE	.5-1.5HP		11A	
	3-WIRE 1-PHASE	.5-2HP		13.5A	
	3-PHASE			8.5A	
PID50	3-PHASE	.5-5HP		18A	

***Note: Will not work with Franklin or Grundfos 2-Wire Submersible Motors**

Jet Packages

Shallow Well Package No. 1

Jet with attached check valve.
For all shallow well applications.
For use with SL, HL, HMS & SSJ Series pumps.

STOCK NO	EACH
CK1	*183.89*
127SD	*165.47*

2" Single Pipe Package No. 1

Jet with built-in check valve.
For all 2" single pipe deep well applications.

STOCK NO	EACH
8AP	*165.47*
9AP	*165.47*
10AP	*183.89*
54AP	*183.89*

4" Double Pipe Package No. 1

Jet only, ADD FOOT VALVE.
For all 4" double pipe applications.
For use with SL, HL & FL Series pumps.

/STOCK NO	EACH
54SD	*183.89*

Convertible Package No. 1

Jet with attached check valve.
For all 4" shallow well convertible applications.

STOCK NO	EACH
129SD	*183.89*

Casing Adapters

2" SSJ, MS Casing Adapter

For use with SSJ & MS Series pumps.

STOCK NO	EACH
J21621	*176.96*

2" Horizontal Casting Adapter

For use with Starite SI & HL Series pumps.

STOCK NO	EACH
J21644	*186.88*

1¼ x 1" Reversing Adapter

Converts suction over drive to drive over suction.

STOCK NO	EACH
PKG108	*149.81*

A.Y. McDonald Constant Pressure Control

Includes 4-20 mA transducer



STOCK NO	PRICE
SD12HP2	*1046.95*

Model Number	Motor Type	HP Range	Input Voltage	Rated Output Current	Enlosure Type
6619-019 SD1-2HP2	2-WIRE 1-PHASE 3-WIRE 1-PHASE	1/3 to 2HP	115V / 230V	16A	NEMA 3R Outdoor Rainproof

Reserved

Miscellaneous Pumps (00)

starite.com

flotecpump.com

(32)

D Design Self-Priming Centrifugal Irrigation Pump



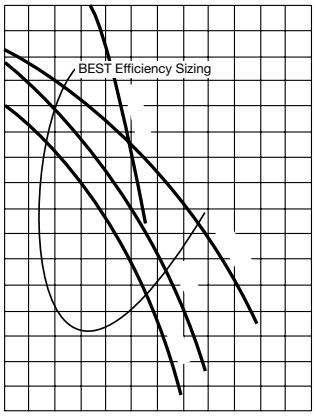
- Impeller - polycarbonate
- Diffuser - cast iron
- Body and base made of close-grained cast iron
- Shaft - carbon steel inside removable shaft sleeve of stainless steel

STOCK NO	EACH
DS2HF	858.56
DS2HG	1158.97
DS2HHG	1964.30



2 HP • Single Phase • Self Priming

STOCK NO	EACH
DSS4HG	1788.25





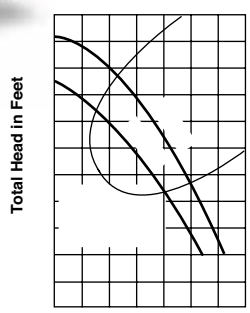
(32)

General Purpose Centrifugal Pump

- Body and base made of close-grained cast iron
- Impeller - Noryl®
- Working temperatures to 140°F
- Abrasion resistant for normal applications

STOCK NO	EACH
JHC	579.84
JHD	627.49

JH SERIES					
Units	HP	Suction	Discharge	Motor Voltage	Phase
JHC	½	1¼"	1"	115/230	1
JHD	¾	1¼"	1"	115/230	1



(32)

A.Y. McDonald Booster Pump

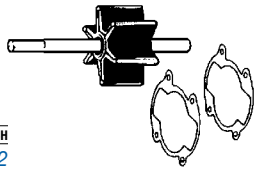
SIZE	STOCK NO	EACH
115v		
1/2 HP	17035R020PC1	1273.86
3/4 HP	17052R020PC1	1428.13
230v		
1 HP	17070R020PC2	1705.06
1 HP	17040C035PC2	1788.10
1 HP	17062C035PC2	1885.01
1 1/2 HP	17078C035PC2	1987.45



aybooosters.com

(51)

Paddle Assemblies



FOR PUMP	STOCK NO	EACH
SIBP20	SI53X	53.22

(51)

1/2 HP Transfer Pump



SWITCHING	HP	VOLTS	DESCRIPTION	STOCK NO	EACH
Manual	1/3	115	Transfer Pump	90000	1108.80

(51)

Liberty Portable Transfer Pump

Model 331

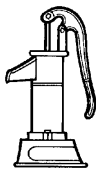


SIZE	STOCK NO	EACH
½ HP	LI331	304.50

(34)

Size 2 Cast Iron Pitcher Pump

For wells less than 25' deep.
To prevent freezing, raise handle to extreme height.
Suction 1¼" standard pipe tap.



STOCK NO	EACH
2IRPIPU	81.08

(34)

Monitor Force Pump Stand

For Windmill, Pump Jack or Hand Pump use.
These Force Pumps have a built-in surge chamber, adjustable strokes and multi-position cap.
Order (11HD) for siphon spout.

STOCK NO	EACH
11HD	1227.69

(24)

Grundfos SCALA2 Booster Pump



A fully integrated, self-priming, compact waterworks for pressure boosting in domestic applications with integrated speed control.

MODEL	CONNECTION (IN/OUT)	VOLT	LINE CORD	STOCK NO	EACH
98562818	1" NPT	115	YES	SCALA2	1444.00

Signature 2000 Design Series Stainless

4" Submersible Pumps Single Phase

The Signature 2000 pumps in 7 GPM Trimline™ models fit in narrower wells where a standard 4" submersible can't. The 7 GPM Pumps head to over 1,200 feet and capacities to 10 GPM. Signature 2000 pumps in 10, 15, 20 and 30 GPM have heads to over 1,000 feet and capacities to 45 GPM. These pumps deliver efficient, dependable performance even in rough, aggressive water. Built to deliver long-term, trouble-free service.

Features:

- **Shell** - Highest grade, heavy-walled corrosion-resistant stainless steel construction.
- **Discharge** - 300 grade stainless steel for durability in aggressive water. Threads to pump shell. Octagon-shaped to fit pipe wrench. Discharge 1¼" on 7, 10, 15 and 20 GPM and 2" on 30 GPM
- **Discharge Bearing** - Exclusive self-lubricating Nylatron® bearing resists wear from sand.
- **Intake** - Corrosion resistant 300 grade stainless steel for durability in aggressive water. Threads to pump shell.
- **Shaft** - Positive drive from hexagonal heavy-duty 300 grade stainless steel.
- **Check Valve** - Internal Flomatic® check valve spring-loaded check valve with anti-rotation lugs.
- **Pentek Motor** - 100% corrosion-resistant stainless steel construction.

Standard one year warranty
Extended five year warranty available.
Contact a Goodin Company representative for details.



PERFORMANCE (GALLONS PER MINUTE)

Model	HP	PSI	Pumping Depth in Feet 40	60	80	100	125	150	175	200	250	300	350
7P4C02HL	1/2	0		10.4	9.8	9.5	9.0	8.5	7.9	7.3	5.4		
		20	9.7	9.3	9.0	8.6	8.1	7.4	6.6	5.5	0.6		
		30	9.2	8.9	8.5	8.1	7.4	6.6	5.6	4.2			
		40	8.9	8.4	8.0	7.5	6.7	5.7	4.3	1.2			
		50	8.4	7.9	7.4	6.8	5.8	4.4	1.4				
		60	7.87	7.3	6.6	5.8	4.5	1.8					
7P4D02HL	3/4	0		10.8	10.4	10.0	9.6	9.3	8.9	8.5	7.6	6.4	4.6
		20	10.3	9.9	9.6	9.4	9.0	8.5	8.2	7.7	6.6	4.8	0.3
		30	9.8	9.5	9.3	9.0	8.5	8.2	7.7	7.3	5.8	3.5	
		40	9.5	9.3	9.0	8.6	8.3	7.8	7.3	6.6	5.0	0.7	
		50	9.2	8.9	8.5	8.3	7.6	7.3	6.6	6.0	3.7		
		60	8.8	8.5	8.2	7.8	7.4	6.7	6.0	5.0	1.1		
10P4C01H 10SP4C01H 10P4C02H 10SP4C02H	1/2	0		15.7	15.0	14.2	13.0	11.5	10.0	7.9	1.2		
		20	14.8	14.0	13.0	11.8	10.2	8.2	5.7	2.1			
		30	13.7	12.8	11.6	10.3	8.3	6.0	2.5				
		40	12.6	11.5	10.1	8.6	6.1	2.8					
		50	11.3	9.9	8.2	6.2	3.0						
		60	9.6	8.0	6.0	3.2							
10P4D02H 10SP4D02H	3/4	0			15.9	15.2	14.1	13.5	12.5	11.5	9.0	5.4	
		20	15.8	15.0	14.1	13.7	12.8	11.7	10.5	9.2	5.7		
		30	15.0	14.3	13.5	12.8	11.8	10.6	9.3	7.7	3.5		
		40	14.2	13.5	12.7	11.9	10.7	9.4	7.9	6.0			
		50	13.4	12.5	11.7	10.8	9.4	8.0	6.1	4.1			
		60	12.4	11.6	10.6	9.5	8.1	5.3	4.2				
10P4E02H 10SP4E02H	1	0				15.8	15.3	14.7	14.0	13.3	11.7	9.5	6.9
		20		15.7	15.3	14.8	14.2	13.4	12.6	11.8	9.8	7.2	3.8
		30	15.6	15.2	14.7	14.2	13.5	12.8	11.8	10.8	8.5	5.8	2.0
		40	15.1	14.6	14.1	13.5	12.9	11.9	10.9	9.8	7.4	4.2	
		50	14.5	14.0	13.4	12.9	11.9	10.9	9.9	8.8	5.9	2.2	
		60	13.9	13.3	12.8	12.0	11.0	10.0	8.8	7.5	4.5		
10P4F02H	1½	0						5.7	15.3	14.8	13.8	12.7	11.5
		20				15.8	15.4	14.9	14.4	14.9	12.8	11.6	10.3
		30			15.7	15.4	14.9	14.5	14.9	13.4	12.3	11.0	9.6
		40	16.0	15.6	15.3	15.0	14.5	14.0	13.5	12.9	11.7	10.4	8.9
		50	15.5	15.3	14.9	14.5	14.0	13.5	12.9	12.4	11.0	9.7	8.0
		60	15.2	14.8	14.4	14.0	13.5	13.0	12.4	11.7	10.5	9.0	7.3
20P4D02H	3/4	0	30.9	28.9	26.4	23.9	20.4	15.0	15.0				
		20	25.8	23.1	20.3	16.5	7.1						
		30	22.6	19.7	15.2	7.7							
		40	19.4	14.7	7.0								
		50	13.2	4.9									
		60											
20P4E02H	1	0	31.9	30.6	29.1	27.5	25.2	22.8	20.3	17.1	2.1		
		20	28.8	27.0	25.1	23.3	20.8	17.9	12.5	4.5			
		30	26.7	24.8	22.9	20.9	18.0	13.0	5.0				
		40	24.7	22.7	20.7	18.4	14.0	5.9					
		50	22.4	20.1	17.9	14.1	6.1						
		60	19.9	17.2	13.0	6.7							
20P4F02H	1½	0		31.6	30.4	29.3	27.7	25.9	24.2	22.2	18.0	8.9	
		20	30.2	29.0	27.6	26.2	24.5	22.7	20.6	18.5	10.1		
		30	28.8	27.4	26.0	24.7	22.8	20.9	18.7	15.3	3.0		
		40	27.2	25.8	24.3	22.9	21.0	18.8	15.4	11.2			
		50	25.7	24.1	22.7	21.1	18.9	15.5	11.5	5.0			
		60	23.9	22.3	20.9	19.1	16.1	9.5	5.5				

HP	STAGE	DESCRIPTION	STOCK NO	EACH
10 GPM				
½	7	2 Wire, 115 volt	10SP4C01H	738.46
		3 Wire, 115 volt	10P4C01H	771.34
		*3 Wire, 230 volt	10P4C02H	520.42
		2 Wire, 230 volt	10SP4C02H	575.37
¾	8	* 3 Wire, 230 volt	10P4D02H	656.33
		2 Wire, 230 volt	10SP4D02H	658.00
1	10	* 3 Wire, 230 volt	10P4E02H	669.23
1½	14	*3 Wire, 230 volt	10P4F02H	1232.62
20 GPM				
¾	5	*3 Wire, 230 volt	20P4D02H	928.48
1	7	*3 Wire, 230 volt	20P4E02H	903.06
1½	9	*3 Wire, 230 volt	20P4F02H	1187.03

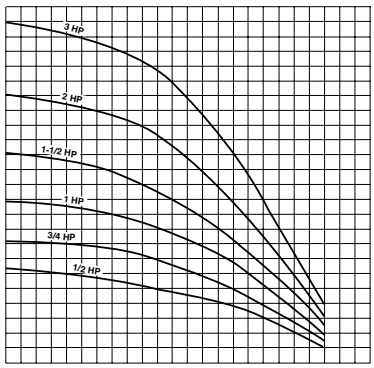
***3-wire - add control box (p. 1615).**
Two-wire motors are split phase designs with integral starting components and do not require a control box.

Pump Ends Only

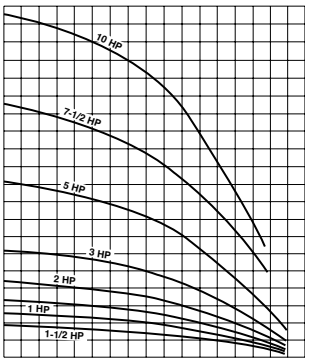
Less Motor

HP	STAGE	VOLT	GPH	STOCK NO	EACH
1½	17	230	10	L10P4FH	925.54
1½	9	230	20	L20P4FH	701.22
1½	6	230	30	L30P4FH	911.59
2	12	230	20	L20P4GH	751.36
2	8	230	30	L30P4GH	907.06
3	12	230	30	L30P4HH	1139.29
5	13	230	50	L50P4JH	1411.29

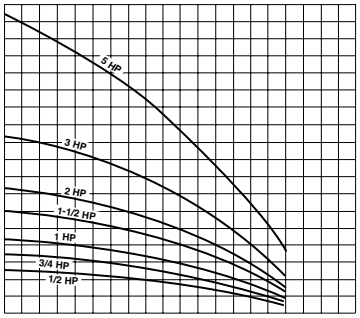
7 GPM



20 GPM



10 GPM



"J" Design Series

4" Submersible Pumps Single Phase

Precision-engineered, corrision-resistant pumps in 7, 10, 15, 20 and 30 GPM models deliver efficient, dependable performance even in rough, aggressive water. Heads to over 1150 feet and capacities to 45 GPM. Built to deliver long-term, trouble-free service.



Features:

- **Shell** - Highest grade, heavy-walled corrosion-resistant stainless steel.
- **Floating Stack Design** - For sand resistance and reduced sand locking.
- **Discharge -** Fiberglass-reinforced thermoplastic material for durability in aggressive water. Threads to pump shell. Octagon-shaped to fit pipe wrench. Discharge is 1¼" on all models.
- **Discharge Bearing** - Exclusive self-lubricating Nylatron bearing resists wear from sand.
- **Intake** - Fiberglass-reinforced thermoplastic material for durability in aggressive water. Threads to pump shell.
- **Shaft** - Positive drive from hexagonal heavy-duty stainless steel.
- **Check Valve** - Durable internal check valve.
- **Pentek Motor** - 100% corrosion-resistant stainless steel construction.

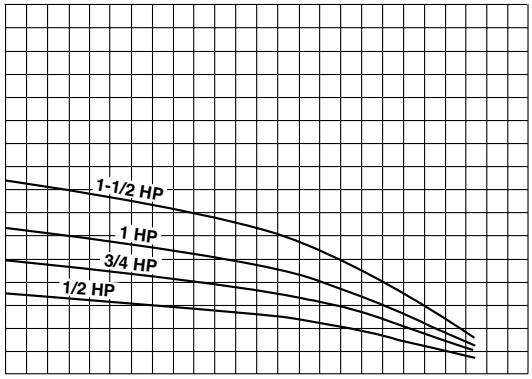
Standard one year warranty
Extended five year warranty available.
Contact a Goodin Company representative for details.

HP	STAGE	DISCHARGE	DESCRIPTION	STOCK NO	EACH
10 GPM					
½			*2 Wire, 115 volt*	*10SP4C01J*	*531.45*
½	6	1"	**3 Wire, 230 volt*	*10P4C02J*	*488.39*
			2 Wire, 230 volt	*10SP4C02J*	*531.45*
¾	18	1"	**3 Wire, 230 volt*	*10P4D02J*	*586.32*
			2 Wire, 230 volt	*10SP4D02J*	*648.85*
1	*10*	*1"*	**3 Wire, 230 volt*	*10P4E02J*	*767.51*
			2 Wire, 230 volt	*10SP4E02J*	*866.17*
20 GPM					
1	*7*	*1¼"*	**3 Wire, 230 volt*	*20P4E02J*	*933.41*

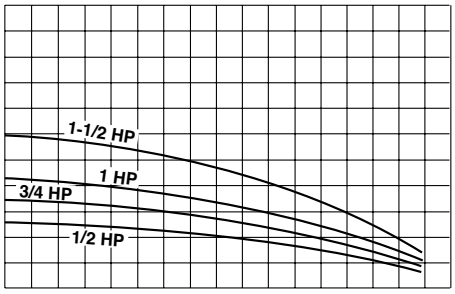
***3-wire - add control box (p. 1615). Two-wire motors are split phase designs with integral starting components and do not require a control box.**

PERFORMANCE (GALLONS PER MINUTE)												
			Pumping Depth in Feet									
Model	HP	PSI	40	60	80	100	125	150	175	200	250	300	350
10SP4C02J		20	14.8	14.0	13.0	11.8	10.2	8.2	5.7	2.1			
		30	13.7	12.8	11.6	10.3	8.3	6.0	2.5				
		40	12.6	11.5	10.1	8.6	6.1	2.8					
		50	11.3	9.9	8.2	6.2	3.0						
		60	9.6	8.0	6.0	3.2							
10P4D02J 10SP4D02J	3/4	0			15.9	15.2	14.4	13.5	12.5	11.5	9.0	5.4	
		20	15.8	15.0	14.4	13.7	12.8	11.7	10.5	9.2	5.7		
		30	15.0	14.3	13.5	12.8	11.8	10.6	9.3	7.7	3.5		
		40	14.2	13.5	12.7	11.9	10.7	9.4	7.9	6.0			
		50	13.4	12.5	11.7	10.8	9.4	8.0	6.1	4.1			
		60	12.4	11.6	10.6	9.5	8.1	6.3	4.2				
10P4E02J 10SP4E02J	1	0				15.8	15.3	14.7	14.0	13.3	11.7	9.5	6.9
		20		15.7	15.3	14.8	14.2	13.4	12.6	11.8	9.8	7.2	3.8
		30	15.6	15.2	14.7	14.2	13.5	12.8	11.8	10.8	8.5	5.8	2.0
		40	15.1	14.6	14.1	13.5	12.9	11.9	10.9	9.8	7.4	4.2	
		50	14.5	14.0	13.4	12.9	11.9	10.9	9.9	8.8	5.9	2.2	
		60	13.9	13.3	12.8	12.0	11.0	10.0	8.8	7.5	4.5		
15P4D02J	3/4	0			15.9	15.2	14.4	13.5	12.5	11.5	9.0	5.4	
		20	15.8	15.0	14.4	13.7	12.8	11.7	10.5	9.2	5.7		
		30	15.0	14.3	13.5	12.8	11.8	10.6	9.3	7.7	3.5		
		40	14.2	13.5	12.7	11.9	10.7	9.4	7.9	6.0			
		50	13.4	12.5	11.7	10.8	9.4	8.0	6.1	4.1			
		60	12.4	11.6	10.6	9.5	8.1	6.3	4.2				
15P4E02J	1	0		22.1	21.8	20.4	19.4	18.4	17.2	15.5	10.3	2.7	
		20	20.9	20.2	19.3	18.7	17.5	15.8	13.4	10.9	3.2		
		30	20.0	19.1	18.5	17.6	16.0	13.7	11.1	7.5			
		40	19.0	18.3	17.4	16.2	13.9	11.3	8.1	3.7			
		50	18.2	17.1	15.8	14.0	11.4	8.2	4.0	0.3			
		60	17.0	15.6	13.7	11.7	8.4	4.4	0.6				
15P4F02J	1½	0			22.1	21.4	20.5	19.9	19.3	18.4	16.4	13.1	8.3
		20	21.8	21.2	20.5	20.0	19.3	18.6	17.6	16.5	13.5	9.1	3.2
		30	21.1	20.3	19.9	19.3	18.7	17.7	16.6	15.4	11.7	6.3	0.1
		40	20.2	19.8	19.2	18.7	17.9	16.7	15.5	13.7	9.4	3.6	
		50	19.7	19.2	18.6	18.0	16.8	15.6	13.8	11.9	6.7	0.5	
		60	19.0	18.5	17.7	16.9	15.7	13.9	12.0	9.7	3.8		
15P4G02J	2	0				22.1	21.3	20.7	20.2	19.6	18.3	16.9	14.4
		20	22.5	21.9	21.2	20.9	20.2	19.7	19.1	18.4	17.0	14.7	11.8
		30	21.8	21.2	20.8	20.3	19.7	19.1	18.5	17.9	16.1	13.5	10.2
		40	21.1	20.6	20.2	19.6	19.2	18.6	17.9	17.1	14.9	12.0	8.1
		50	20.6	20.1	19.7	19.2	18.6	17.9	17.1	16.2	13.6	10.8	6.0
		60	20.1	19.6	19.1	18.7	18.0	17.2	16.2	15.1	12.2	8.6	3.7
20P4E02J	1	0	31.9	30.6	29.1	27.5	25.2	22.8	20.3	17.1	2.1		
		20	28.8	27.0	25.1	23.3	20.8	17.9	12.5	4.5			
		30	26.7	24.8	22.9	20.9	18.0	13.0	5.0				
		40	24.7	22.7	20.7	18.4	14.0	5.9					
		50	22.4	20.1	17.9	14.1	6.1						
		60	19.9	17.2	13.0	6.7							

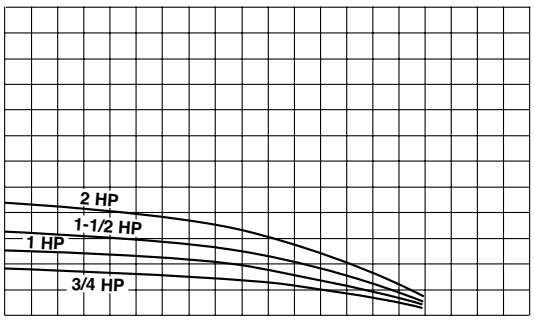
15 GPM



10 GPM



20 GPM



24000 Series

4" Submersible Stainless Steel Pumps
Features:

- •Powered by NEMA approved stainless steel motors with built-in lightning protection
- •Delivery: up to 25 GPM at 3450 RPM
- •Head: up to 1300' at 3450 RPM

All Models have 1¼" NPT discharge

HP	STAGE	DESCRIPTION	STOCK NO	EACH
10 GPM "K" Series				
½	7	2 Wire, 115 volt	24050K2A	482.69
		3 Wire, 115 volt	24050K3A	422.85
		2 Wire, 230 volt	24050K2	482.69
		3 Wire, 230 volt	24050K3	422.85
¾	10	2 Wire, 230 volt	24075K2	530.55
		3 Wire, 230 volt	24075K3	514.60
1	12	2 Wire, 230 volt	24100K2	626.29
		3 Wire, 230 volt	24100K3	548.52
1½	17	2 Wire, 230 volt	24150K2	841.71
		3 Wire, 230 volt	24150K3	755.94
2	20	3 Wire, 230 volt	24200K3	1497.87
15 GPM "L" Series				
1	10	3 Wire, 230 volt	24100L3	676.15
1½	12	3 Wire, 230 volt	24150L3	831.73
2	17	3 Wire, 230 volt	24200L3	999.28
20 GPM "P" Series				
1	8	2 Wire, 230 volt	24100P2	658.20
		3 Wire, 230 volt	24100P3	568.46
1½	11	2 Wire, 230 volt	24150P2	847.70
		3 Wire, 230 volt	24150P3	704.08



Pump Ends Only

Less Motor

HP	GPM	STOCK NO	EACH
¾	10	23075KSH	225.38
¾	20	23075PSH	311.14
1	10	23100KSH	428.32
1½	20	23150PSH	367.00
1½	25	23150MSH	690.94
1½	33	24150RSH	602.37
3	33	24300RSH	909.52

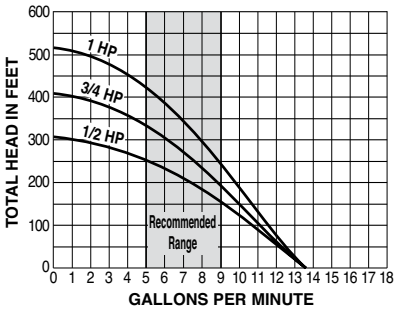
23000 Series

4" Submersible Stainless Steel Pumps
Features:

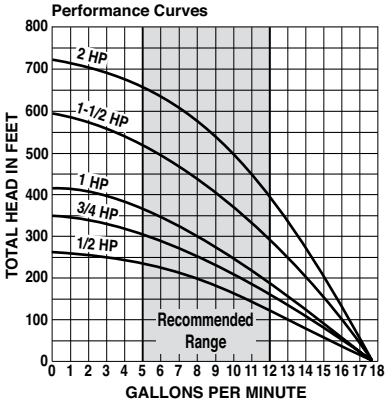
- Lexan® diffusers
- Stainless steel pump shell
- Acetal impellers

HP	STAGE	DESCRIPTION	STOCK NO	EACH
7 GPM "V" Series				
½	11	2 Wire, 230 volt	23050V2	622.30
¾	15	2 Wire, 230 volt	23075V2	1190.56
		3 Wire, 230 volt	23075V3	1081.60
1	18	2 Wire, 230 volt	23100V2	1360.79
		3 Wire, 230 volt	23100V3	1229.23
10 GPM "K" Series				
½	9	2 Wire, 115 volt	23050K2A	574.44
		3 Wire, 115 volt	23050K3A	504.63
		2 Wire, 230 volt	23050K2	574.44
		3 Wire, 230 volt	23050K3	504.63
¾	12	2 Wire, 230 volt	23075K2	628.29
		3 Wire, 230 volt	23075K3	608.36
1	15	2 Wire, 230 volt	23100K2	737.99
		3 Wire, 230 volt	23100K3	648.23
1½	20	2 Wire, 230 volt	23150K2	1046.77
		3 Wire, 230 volt	23150K3	883.60
2	25	3 Wire, 230 volt	23200K3	1278.52
20 GPM "P" Series				
		3 Wire, 230 volt	23075P3	618.31
1	11	2 Wire, 230 volt	23100P2	773.89
		3 Wire, 230 volt	23100P3	670.16
1½	15	2 Wire, 230 volt	23150P2	987.32
		3 Wire, 230 volt	23150P3	823.76
2	19	3 Wire, 230 volt	23200P3	1192.74
25 GPM "M" Series				
1½	10	3 Wire, 230 volt	23150M3	833.72

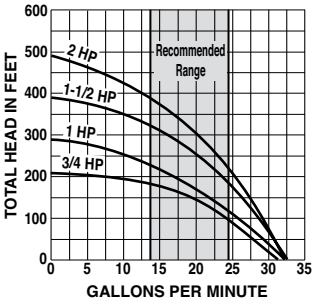
7 GPM 23000 V-Series • S.S.
Performance Curves



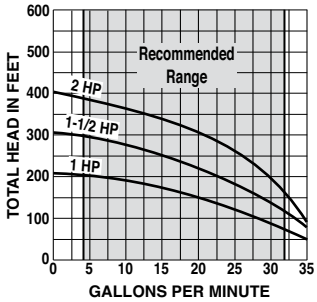
10 GPM 23000 K-Series • S.S.
Performance Curves



20 GPM 23000 P-Series • S.S.
Performance Curves



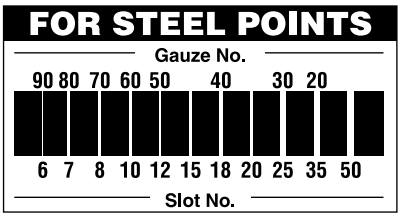
25 GPM 23000 M-Series • S.S.
Performance Curves



Reserved

Well Points and Screens

maassmidwest.com



(34)

Well Point



- Stainless Steel Gauze
- Points will not easily collapse while being driven
- Rugged design with octagonal electroless nickel plated head to prohibit turning in tough driving
- Easily extended in the field by removing head and coupling together with second well point for added capacity
- Stainless steel mig weld top and bottom to prohibit jacket shift or peeling
- 3/16" Diameter spotweld on 1" centers to prevent seam opening
- Stainless steel jacketed 1/8" staggered perforations for maximum open area
- Point may be driven or used with hollow stem flight auger

Note: 1¼" Well Point has 2" O.D.
2" Well Point has 3" O.D.

SIZE	GAUZE	OVER-ALL LENGTH	SCREEN LENGTH	SLOT	STOCK NO	EACH
1¼"	60	36"	30"	10	915734	84.35
1¼"	60	42"	36"	10	915752	88.88
1¼"	80	36"	30"	7	915738	84.35
2"	60	36"	30"	10	915852	129.95

(33)

Stainless Steel Well Points

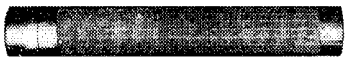


SIZE	OVER-ALL LENGTH	SCREEN LENGTH	SLOT	STOCK NO	EACH
1¼"	42"	36"	10	UO83610	135.36
1¼"	54"	48"	7	UO8487	162.86
1¼"	54"	48"	10	UO84810	162.86
1¼"	54"	48"	12	UO84812	162.86
2"	42"	36"	10	UO93610	162.15
2"	42"	36"	12	UO93612	162.15
2"	54"	48"	7	UO9487	193.88
2"	54"	48"	10	UO94810	193.88
2"	54"	48"	12	UO94812	193.88
2"	54"	48"	15	UO94815	193.88
2"	54"	48"	18	UO94818	193.88
2"	54"	48"	20	UO94820	193.88
2"	54"	48"	10	*UOX94810	193.88
2"	54"	48"	12	*UOX94812	193.88
2"	54"	48"	7	*UOX9487	193.88
2"	66"	60"	10	UO96010	224.19
2"	66"	60"	12	UO96012	224.19

*** Open End Extensions**

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304 Telescope Size Stainless Steel Well Screens



SIZE	SLOT NO	END FITTINGS	STOCK NO	EACH
4" x 4'	10	MxF	4X4UO10MF	284.12
4" x 4'	12	MxF	4X4UO12MF	284.12
4" x 4'	15	MxF	4X4UO15MF	284.12
4" x 4'	20	MxF	4X4UO20MF	284.12
4" x 4'	25	MxF	4X4UO25MF	284.12

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"K" Packer



FIP Both Ends

SIZE	STOCK NO	EACH
2 x 1¼"	2X114K	18.61
4 x 2"	4X2K	18.20
4 x 3"	4X3K	40.47

Pressure Tanks

quicktanks.com

(34)

Quick 75 P.S.I. Standard Vertical Galvanized Tanks

CAPACITY GALLONS	TANK DIA	TANK HEIGHT	STOCK NO	EACH
12	12"	24"	Q12V	501.46
21	16"	24"	Q21V	318.56
42	16"	48"	Q42V	402.78
42	20"	32"	Q42VSQ	418.03
82	20"	60"	Q82V	641.86
120	24"	60"	Q120V	855.06
220	30"	80"	Q220V	1927.78

amtrol.com

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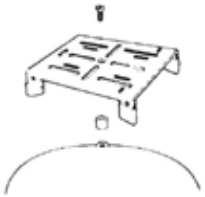
"Well-X-Trol" Pressure Tanks

- For Pressurizing Water Systems Pre-Charged—With Sealed-in Diaphragm
- Maximum Working Pressure—150 P.S.I.
- Models WX-101 and WX-102 are pre-charged to 20 P.S.I. for a 20-40 P.S.I. switch setting.
- Other models are pre-charged to 30 P.S.I. for a 30-50 P.S.I. switch setting
- Other pressures may be specified or on-the-job adjustments may be made

SYSTEM CONN	DIA	HEIGHT	TANK VOLUME (GALLONS)	STOCK NO	EACH
WX Series In-Line Models					
3/4"	8"	12 5/8"	2.0	WX101	105.42
3/4"	11"	15"	4.4	WX102	146.58
3/4"	11"	24 3/4"	7.6	WX103	245.30
WX Series Stand Models					
1"	15"	32"	20.0	WX202	349.35
1"	15"	47"	32.0	WX203	567.65
1 1/4"	22"	30"	34.0	WX205	574.20
1 1/4"	22"	36"	44.0	WX250	737.83
1 1/4"	22"	47"	62.0	WX251	965.99
1 1/4"	26"	47"	86.0	WX302	1031.85
1 1/4"	26"	62"	119.0	WX350	1580.23
WX Series Underground Models					
1"	15 3/8"	29 3/4"	20.0	WX202UG	556.78
1 1/4"	22"	33 3/8"	44.0	WX250UG	1050.00



7 Year Warranty.



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Pump Stand

Model 161 pump stand is for vertical mounting of pump on WELL-X-TROL.

For Models: WX201, WX-202, WX-202-IN, AND WX203

STOCK NO	EACH
AM1429	83.87

wstanks.com

(44)

ProMax® Plus Series Diaphragm Well Tanks



- 125 PSI Working Pressure
- 304 Stainless Steel Connection
- Larger tank size in the 36 gallon model, provide more drawdown to improve pump performance
- Butyl Rubber Parabolic Diaphragm
- Direct connect diaphragm seal prevents any leakage between water and air chambers
- Powder coated water chamber provides maximum protection against corrosion
- Projection welded air valve with "O" ring cap seal for double protection
- Exclusive no-weld RUST-GUARD® base design
- Two-piece construction creates only one weld on the tank - Uniweld design
- Ultra-UV exterior powder finish offers protection against the elements

CAPACITY GALLONS	TANK DIA	TANK HEIGHT	SYSTEM CONNECTION	PRECHARGE PRESSURE	STOCK NO	EACH
20	15 3/8"	32 3/4"	1"	30 psi	PMXP20	290.30
32	15 3/8"	45 1/2"	1"	30 psi	PMXP32	424.12
36	20"	32 5/8"	1"	30 psi	PMXP36	489.36

5 Year Warranty.



Merrill Brass Tank Tee

1" male tank connection x 1" MIP and ¾ FIP lateral
5" Length

For Use with Well-X-Trol Tanks

STOCK NO	EACH
BAT100CS	19.71



Perma Signature 2000 Long Brass Tank Cross

10" long. ¾" female tapping each leg.
1" male tapping each leg.
One ½" female tapping top of cross.
Two ¼" female tappings on side.

STOCK NO	EACH
SI703	78.48



Perma Signature 2000 Brass & Type L Copper Fabricated Tank Tee

Fabricated tank tee, 13" long,1¼" male x
1" female on inlet and outlet sides of cross.
¾" female tapping on top of cross.
Two ¼" female tappings on side.

STOCK NO	EACH
SI704	92.22



Merrill Accessory Tee

Galvanized cast iron.
Tapping for pressure switch and guage are ¼" NPT
Chamfered threads for easy pipe connection.

Less nipples

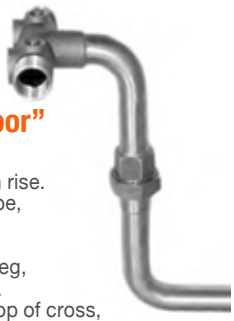
SIZE	STOCK NO	EACH
1¼"	IAT125XB	19.10
1"	IAT1XB	15.33



(02)

Bleeder

SIZE	STOCK NO	EACH
Brass MPT		
¾"	PO75BNL	6.18
Rubber		
1"	PO100	.94



Simmons Short "Off-the-Floor" Tank Tee

Fabricated, with union on rise.
Bronze cross, Copper pipe,
Lead-free solder.
9½" overall length,
¾" female tapping each leg,
1" male tapping each leg.
One ½" female tapping top of cross,
Two ¼" female tappings on side.

STOCK NO	EACH
SI775	123.63

Well-X-Trol Short Elevated Tank Cross

With union on rise.
Bronze cross, Copper pipe.
Lead-free solder.
1"female tapping each leg,
1¼"male tapping each leg.
One ¾" female tapping top of cross,
Two ¼" female tappings on side.

STOCK NO	EACH
773	194.97

Perma Signature 2000 "Off-the-Floor" Tank Tee

Fabricated, with union.
18" overall length.
¾" female tapping each leg,
1" male tapping each leg,
Two ½" female tapping top of cross.
Two ¼" female tapping on side.

STOCK NO	EACH
SI796	128.08



Perma Signature 2000 1¼"Elevated Tank Cross

Fabricated, with union.
Bronze cross, Copper Pipe.
Lead free solder.
1"female tapping each leg,
1¼"male tapping each leg.
One ¾" female tapping top of cross.
Two ¼" female tapping on side.

STOCK NO	EACH
791	194.97



Snifter/Air Valves

Used for admitting air to pump
in connection with Figs. 2090, 1809,
and 2895 pneumatic water systems.

SIZE	STOCK NO	EACH
⅛"	18SCVA	3.41
¼"	14SCVA	3.56



(34)

No 451-5 Brass Relief Valve

Pressure only relief valve
factory preset @ 75 psi

SIZE	STOCK NO	EACH
½"	12SI4515	8.69
¾"	34SI45175	9.28



(24)

Zilmet Tank Tees

- For use with side connection well tanks
- Max working pressure: 125 PSIG
- Max working temp: 240°F
- No-Lead Brass Tank T with swivel union nut

SIZE	STOCK NO	EACH
1" NPT	ZTT1	63.48

Pitless Adapters

bakermfg.com



(34)

"Monitor" PS Standard Pitless Units for Submersible Pumps

Less cap • Spool type
3/8" AW control tap size • No check valve

CASING SIZE	ORDER CAP SIZE	BURY DEPTH	DISCHARGE AND DROP PIPE	MAX PUMP CABLE	STOCK NO	EACH
Threaded Style						
4"	5"	5'	2"	5/8"	5PS45BS4CO	844.31
4"	5"	6'	2"	5/8"	6PS45BS4CO	907.62
5"	6"	Pitless Kit only	2"	11/16"	OPS56S4CO	681.09
6"	7"	6'	2"	3/4"	6PS67BS4CO	1388.72
Kwikonect Style						
4"	5"	6'	2"&1 1/2"	5/8"	6PS45BN	1061.51
4"	5"	7'	2"&1 1/2"	5/8"	7PS45BN	1146.21
5"	6"	6'	2"	11/16"	6PS56BNS4CO	1321.11

(21)

Monitor "O" Rings



STOCK NO	EACH
UB15-4" Pitless for 5" casing **UB15-4" Pitless for 8" casing**	
UB15	15.55
NC15-5" Pitless for 6" casing **NC15-5" Pitless for 8" casing**	
NC15	17.99

(21)

Hold-Down Spider



UPPER CASE SIZE	STOCK NO	EACH
5"	120UB	125.32

(21)

Spool Cable Seals



CABLE SIZE	STOCK NO	EACH
14, 12, 10	PS321	52.17

(34)

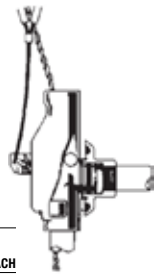
"At-the-Well" Screw-in Control Kit



For reciprocating pumps. Locates all of the equipment normally used in an automatic water system inside the upper casting of the pitless unit. Control is screw-in type.

STOCK NO	EACH
8AWA	206.66

MAASS MIDWEST™



"Monitor" PL Snappy Cast Iron Pitless Adapters for Submersible Pumps

Less cap • Clamp-on

CASING SIZE	ORDER CAP SIZE	DISCHARGE AND DROP PIPE		STOCK NO	EACH
4"	4"	1"		8PL4	221.11
4"	4"	1"	(3-Pack)	8PL41U3	618.45
5"	5"	1"		8PL5	219.76
6"	6"	1"		8PL6	224.36
6¼"	6"	1"		8PL612U	233.47

"O" Ring for 1" Snappy Pitless Adapter

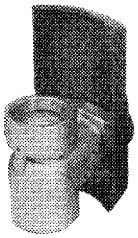
STOCK NO	EACH
PL3ORI	12.08

"Monitor" Bulldog Brass Pitless Adapters for Submersible Pumps

Less Cap • Clamp-on

CASING SIZE	ORDER CAP SIZE	DISCHARGE AND DROP PIPE	STOCK NO	EACH
4"	4"	1"	4AO	370.95

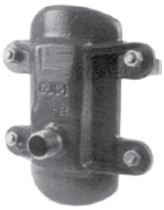
MAASS Model J Weld-On Pitless Adapters for Submersible Pumps



Model J is non-pressure lifting and is designed for deep wells, higher working pressures, and where plastic pipe is used and high water levels. No lock necessary.

CASING O.D.	DISCHARGE AND DROP PIPE	STOCK NO	EACH
4"-5"	1"	4J1	106.29
4"-5"	1¼"	4J114	160.04
6"-7"-8"	1"	6J1	106.29
6"-7"-8"	2"	6J2	316.64

MAASS Model JC Clamp-on Pitless Adapters for Submersible Pumps



Model JC is non-pressure lifting and is designed for deep or shallow wells, higher working pressures, where plastic pipe is used, and high water levels. The 8-degree taper wedge forced against 304 stainless steel nipple is easy to install. No locks, bolts, or wrenches are necessary.

CASING O.D.	DISCHARGE AND DROP PIPE	STOCK NO	EACH
4½"	1"	4JC1	156.39
6⅝"	1"	6JC1	169.44
4½"	1¼"	4JC114	191.81
6⅝"	1¼"	6JC114	203.09

MAASS Constant Pressure Manifold Packages



Package Consists of:

(1) 2½" S.S. Back Mounted Liquid Filled Gauge 0-100#
(1) Spring Loaded Pressure Relief Valve, set @ 75 PSI
(1) Steel Mounting Bracket
(1) Chrome Plated Sample Valve
(1) 1" x ½" Brass Bushing for Transducer Connection
(1) 1" x ¾" Brass Tank Adapter Bushing

STOCK NO	EACH
952300	126.89

Dicken Pitless Adapter



Pressure tested to 150 PSI

CASING O.D.	DISCHARGE PIPE	SUPPLY PIPE	STOCK NO	EACH
5 to 12"	1"	1"	LDS10	99.57



Whitewater

The "Turtle" Economy Watertight Cap

SIZE I.D.	STOCK NO	EACH
Use with Steel Casing		
4"	4WE1	80.94
4½"	45WE1	89.34
5"	5WE1	83.28
6"	6WE1	89.50
6½"	65WE1	149.26
7"	7WE1	147.73
Use with Plastic Casing		
4"	4WE1P	62.28

Cycle Stop Valves

Cycle Stop Valves



Automatically adjusts pump output to match variable flow requirements.
1¼" Threaded, 1 gpm bypass, 30 GPM max.

P.S.I.	STOCK NO	EACH
60	CSV125601	74.25

Submersible Pump Accessories (34)

kalaswire.com



Twisted PVC Submersible Pump Cable with Ground

NO/WIRE	STOCK NO	FOOT
1000' spool		
14-3	1000FT143PLWGR	.81
12-3	1000FT123PLWGR	1.16
12-2	1000FT122PLWGR	.87
10-3	1000FT103PLWGR	1.75
500' spool		
12-3	500FT123PLWGR	1.16
12-2	500FT122PLWGR	.87
10-3	500FT103PLWGR	1.75
Cut-to-Measure		
14-3	FT143PLWGR	.89
12-3	FT123PLWGR	1.28
10-3	FT103PLWGR	1.92

Flat PVC Submersible Pump Cable with Ground

NO/WIRE	STOCK NO	FOOT
500' spool		
8-3	500FT83FLPLWGR	3.07
6-3	500FT63FLPLWGR	4.68
4-3	500FT43FLPLWGR	6.84
2-3	500FT23FLPLWGR	10.78
Cut-to-Measure		
8-3	FT83FLPLWGR	3.38
6-3	FT63FLPLWGR	5.15
4-3	FT43FLPLWGR	7.52
2-3	FT23FLPLWGR	11.85

UF Underground Cable with Ground

NO/WIRE	STOCK NO	FOOT
1000' spool		
14-2	1000FT142UN	.86
14-3	1000FT143UN	1.28
12-2	1000FT122UN	1.12
12-3	1000FT123UN	1.72
10-3	1000FT103UN	2.89
500' spool		
12-3	500FT123UN	1.72
250' spool		
12-2	250FT122UN	1.12
12-3	250FT123UN	1.72

Flat TPE Ice Blue Cold Weather Submersible Pump Cable w/Ground

NO/WIRE	STOCK NO	FOOT
1000' spool		
12-2	1000FT122TPEGR	1.29
12-3	1000FT123TPEGR	1.70



Sta-kons Connectors

WIRE	STOCK NO	EACH
10-12-14	1014STCO	.50
8	8STCO	2.57
6	6STCO	6.22

For Crimper see page 1913

Heat Shrink Sleeves

SIZE	COLOR	STOCK NO	EACH
3/8" x 3"	Clear	383C	1.01
1/2" x 3"	Clear	453C	1.14

Heat Shrink Sleeves Kit w/Ground

Clear shrink tube kit-includes three .375 x 3" shrink tubes and three #1014 crimp connectors. Fits AWG cable sizes #14 and #12. Includes connector for ground wire.

STOCK NO	EACH
K383CG	5.38



(18)

Plastic Electrical Tape

SIZE	STOCK NO	EACH
3/4" x 60'	ELTA	1.81

(24)

Cable Guard

WG-100

STOCK NO	EACH
WG100	1.21



(34)

Self-Fusing Silicone Tape Dispenser

SIZE	STOCK NO	EACH
1" x 10'	943000	18.77
Black Refill		
1" x 12'	943100	7.82

maasmidwest.com

(34)
Franklin Electric Subdrive Utility

NEMA 3R
Constant Pressure Controller.

HP	STOCK NO	EACH
SUBDRIVE UTILITY UT2W • 2-Wire, 1-Phase		
Submersible Applications, ⅓ - ½hp at 115V		
½ - 1½hp at 230V		
Surface Applications, ⅓ - ½hp at 115V		
½ - 1½hp at 230V	*5870202003*	*784.16*
SUBDRIVE UTILITY UT3P • 3-Wire, 230 V		
Submersible Applications		
½ - 2hp (1-Phase), 1 - 2hp (3-Phase)		
Surface Applications		
½ - 2hp (3-Phase)	*5870202303*	**1076.48**

(34)
Franklin Electric Subdrive Connect

NEMA 3R Enclosure
Constant Pressure Controller

HP	STOCK NO	EACH
SUBDRIVE 20		
½ - 2hp, 1-Phase (3-Wire)		
1 - 2hp, 3-Phase	*5870205303*	*1628.64*
SUBDRIVE 30		
½ - 2hp, 1-Phase (3-Wire)		
1 - 3hp, 3-Phase	*5870205403*	*2245.76*
SUBDRIVE 50		
½ - 3hp, 1-Phase (3-Wire)		
1 - 5hp, 3-Phase	*5870205503C*	*3021.80*

(34)
Franklin Electric - Subdrive
NEMA 4
Constant Pressure Controller

HP	STOCK NO	EACH
SUBDRIVE 300 • 3-Wire		
5hp (3-Phase)	*5870206300*	*4926.52*

(21)
Franklin Electric - Transducer
Variable Speed P-Series
Large Drive Accessories
4-20 mA, +/-0.5% accy

PSIG	STOCK NO	EACH
100	*PSIG10010FT*	*399.20*
200	*PSIG20010FT*	*415.20*

Franklin Submersible Motors

Single Phase

HP	VOLTAGE	STOCK NO	EACH
2-Wire			
½	*230*	*24450590S*	*548.54*
¾	*230*	*2445079004S*	*661.62*
3-Wire			
½	*230*	*21450590S*	*475.96*
¾	*230*	*21450790S*	*567.66*
1	*230*	*21450890S*	*589.60*
1½	*230*	*22430092S*	*753.88*
2	*230*	*22430192S*	*851.78*
3	*230*	*22430226*	*1173.02*
5	*230*	*22430386*	*1661.85*
7½	*230*	*2261119020*	*1926.37*

Franklin Control Boxes
For use with submersible pumps located on pages 1606-1608.

HP	VOLTAGE	STOCK NO	EACH
Capacitor Start/Induction Run			
½	*115*	*28010449*	*98.46*
½	*230*	*28010549*	*96.77*
¾	*230*	*28010749*	*100.71*
1	*230*	*28010849*	*103.52*
Capacitor Start/Capacitor Run			
1½	*230*	*28230081*	*153.59*
2	*230*	*28230181*	*257.11*
3	*230*	*28230281*	*319.56*
5	*230*	*28211381*	*463.02*
Deluxe Control Box			
3	*230*	*2823028310*	*406.76*
5	*230*	*28211393*	*518.72*
7½	*230*	*2822019310*	*770.20*
Capacitor Run Control			
½	*230*	*2824055015*	*142.90*
¾	*230*	*2824075015*	*147.40*
1	*230*	*2824085015*	*147.96*

(21)
Franklin Relay Kit with Wires

HP	VOLTAGE	STOCK NO	EACH
¾	*230*	*305101903*	*117.18*

(21)
Franklin Capacitor Start Kit

HP	STOCK NO	EACH
START	*305207905*	*46.70*
¾	*305207918*	*53.45*
1,1½	*305207913*	*55.70*

(21)
Franklin Relay Only

HP	VOLT	STOCK NO	EACH
½ - 3	*230*	*305213902*	*124.94*
5 - 10	*230*	*305213961*	*170.72*

Franklin Submersible Motors
3 - Phase

HP	VOLTAGE	STOCK NO	EACH
4"			
1½	*230*	*23451492S*	*681.31*
2	*230*	*2343159204S*	*738.69*
3	*230*	*23431626*	*937.85*
5	*230*	*2343178602*	*1506.77*
5	*460*	*2343278602*	*1506.77*
6"			
7½	*230*	*2366019020*	*1877.36*
7½	*460*	*2366119020*	*1877.36*
10	*230*	*23660290*	*2101.26*
15	*230*	*23660390*	*2414.41*
20	*230*	*23660490*	*2961.78*
25	*230*	*23660590*	*3435.38*
30	*230*	*23660690*	*3977.59*
10	*460*	*2366129020*	*2101.26*
15	*460*	*23661390*	*2414.41*
20	*460*	*23661490*	*2961.78*
25	*460*	*23661590*	*3435.38*
30	*460*	*23661690*	*3977.59*
40	*460*	*2366178125*	*4734.93*

(21)
Sta-Rite Capacitors

HP	VOLT	STOCK NO	EACH
½ - 1	*230*	*U18881*	*96.01*
1	*230*	*U18730*	*102.27*

(21)
Sta-Rite Relay

HP	VOLT	STOCK NO	EACH
½ - 1	*230*	*U18811*	*157.57*

Franklin Pumptec Underload Protector

STOCK NO	EACH
58000201	*332.92*
58000706	*235.48*

Transducer
PSS2-100 • 0-100 lb. capacity.
For use with variable frequency drives.

STOCK NO	EACH
PSS2100	*277.08*

Pressure Sensor Kit
223-995-901 • 25-90 PSI

STOCK NO	EACH
223995901	*101.50*

Well Drilling Fluids & Grout (34)

Water Well Drilling Fluids

A high yield Bentonite with polymer additives.

CONTAINER SIZE	STOCK NO	EACH
Baroid Quik-Gel		
50 lb. bag	*50LBQUGE*	*11.90*
Extra High Yield Gel		
50 lb bag	*50LBEHYGE*	*11.43*

Environmental Drilling Fluids

Natural high yield Bentonite - no additives.

CONTAINER SIZE	STOCK NO	EACH
Baroid Aquagel- Gold Seal		
50 lb. bag	*50LBAQ*	*11.09*

Granular Bentonite

Sealing and plugging agent.
Specially processed coarse bentonite.

CONTAINER SIZE	STOCK NO	EACH
Baroid Ben Seal		
50 lb. bag	*50LBBESE*	*11.97*
Wyoben Enviroplug #8		
50 lb bag	*50LBEN8*	*11.07*

Aqua-Clear AE

LIquid blend of acids and acid enhancers to control bacterial slime contamination due to iron-related and sulfate-reducing bacteria.

- Reduces sulfur taste and odor in water
- Clean up well screens, pumps, and distribution system
- Increase well productivity, reduce power and maintenance costs
- Safe to use on all plastics, rubber and metals

CONTAINER SIZE	STOCK NO	EACH
5 gallon	*5GAAQCLAE*	*211.64*

Aqua-Clear PFD

Mud dispersant

CONTAINER SIZE	STOCK NO	EACH
1 gallon	*1GAPFD*	*59.36*

Chip Bentonite

For sealing and plugging application.
Medium size ¼" to ⅜"

CONTAINER SIZE	STOCK NO	EACH
Baroid Hole Plug		
50 lb bag	*50LBHO*	*13.17*
Enviroplug Medium		
50 lb bag	*50LBENME*	*10.75*

Bentonite Grout

High solids Bentonite,
for grouting and adbandonment.

CONTAINER SIZE	STOCK NO	EACH
17% Solids, Wyoben Grout-Well		
50 lb bag	*50LBGRWE*	*14.66*

Therm-EX Grout

Wyoben Grout

CONTAINER SIZE	STOCK NO	EACH
50 lb bag	*50LBTHEXGR*	*14.95*

Quik-Grout™

Bentonite grouting composition designed for water and monitoring wells, for sealing the annular space around a well casing and for plugging drilled holes and abandoned wells.

Does not contain organic additives or polymers.

CONTAINER SIZE	STOCK NO	EACH
50 lb bag	*50LBQUGR*	*17.40*
30% Solids, Wyoben Enviroplug Grout		
50 lb bag	*50LBENGR*	*16.72*

Polymer Drilling Fluids

Low solids additives,
for use as alternative to Bentonite.

E-Z Mud

For low solids drilling fluids. Easy mixing.

CONTAINER SIZE	STOCK NO	EACH
5 gallon pail	*5GAEZMU*	*193.31*

Tru-Bore

Specially blended bentonite-based drilling fluid designed for difficult drilling operations in both vertical and horizontal borings. Extremely effective in horizontal drilling applications to maintain hole integrity during pullback.

CONTAINER SIZE	STOCK NO	EACH
50 lb bag	*50LBTRBO*	*14.97*

Foam

Baroid Quik-Foam

- Biodegradable foaming agent in liquid form.
- To improve carrying capacity of air.
- To overcome water invasion, loss of air to formations, and dust in air drilling.
- With QUIK-GEL to make stable form.

CONTAINER SIZE	STOCK NO	EACH
5 gallon can	*5GAQUFO*	*216.33*

Barotherm® Gold

2-Part Thermally Conductive Grout

BAROTHERM® GOLD thermally conductive grout is a bentonite material designed for use in grouting boreholes containing ground source heat loops, and related applications. BAROTHERM GOLD thermally conductive grout when combined with silica sand at various concentrations yields a grout with thermal conductivity values ranging between 0.4 and 1.2 BTU/hr·ft·°F (0.69 – 2.08 watts/m·°C).

SIZE	STOCK NO	EACH
50lb	*50LBBATH*	*15.86*

Well Chemicals

For treating wells and swimming pools

CONTAINER SIZE	STOCK NO	EACH
HtH Dry Chlorine		
5 lb. Jar-Granular	*5LBHTH*	*37.09*
100 lb. Drum-Granular	*100LBPUGR*	*468.97*

WELL DIAMETER	NORMAL DOSAGE (NO. OF 1 GAL. CONTAINERS)
1¼"	¼
2"	½
3"	1
4"	2
5"	3
6"	4

Based on 5' screen lengths



(34)

Nu-Well

For cleaning encrusted well screens

CONTAINER SIZE	STOCK NO	EACH
1 Gallon jar	*1GANW*	*63.44*
4.5 pound	*45LBNW*	*34.79*

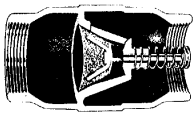
Thinz-It

Thinning agent

CONTAINER SIZE	STOCK NO	EACH
1 gallon	*1GATHINZIT*	*46.65*

Check Valves and Foot Valves (34)

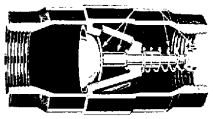
Check Valves



No 300 Strataflo Check Valve

With buna S rubber poppets.

PIPE SIZE	LENGTH OVER-ALL	STOCK NO	EACH
3/4"	3 5/16"	34SF300	31.94



No 400 Strataflo Check Valve

With Metal Poppet

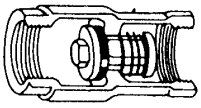
PIPE SIZE	LENGTH OVER-ALL	STOCK NO	EACH
1/2"	2 3/4"	12SF400	33.38
3/4"	3 5/16"	34SF400	39.06
1"	3 11/16"	1SF400	53.90
1 1/4"	4 1/2"	114SF400	73.13
1 1/2"	4 7/8"	112SF400	83.88
2"	5 9/16"	2SF400	119.10



500SB Series Silicone-Bronze Lead Free

PIPE SIZE	STOCK NO	EACH
1/2"	SI501SB	39.56
3/4"	SI502SB	40.06
1"	SI503SB	43.57
1 1/4"	SI504SB	57.75
1 1/2"	SI505SB	83.64
2"	SI506SB	130.70

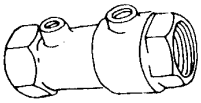
strataflo.com



No 5300 Midwest Check Valve

With Bronze poppet and poppet stem with monel metal spring and flat black rubber facing.

PIPE SIZE	ENTERS PIPE	STOCK NO	EACH
3/4"	2"	34MI5300	45.67
1"	2"	1MI5300	54.04
1 1/4"	2 1/2"	114MI5300	62.19
1 1/2"	3"	112MI5300	87.79
2"	3 1/2"	2MI5300	123.43
3"	6"	3MI5300	652.03
4"	8"	4MI5300	920.58



538-S Midwest Two Hole Check Valve

Heavy red brass.
One 1/8" and one 1/4" pipe tapping.

PIPE SIZE	ENTERS PIPE	STOCK NO	EACH
1"	1 1/4	1MI538S	63.39
1 1/4	1 3/4	114MI538S	70.52



600 Series Simmons Check Valve

With Buna-N O-Ring, FIP x MIP

PIPE SIZE	STOCK NO	EACH
1 x 1 1/4"	SI617SB	52.69
1 1/4 x 1 1/4"	SI618SB	59.42

670 Series Simmons Check Valve

DUCTILE IRON

PIPE SIZE	STOCK NO	EACH
3"	SI670SB	313.28
4"	SI671SB	495.19

680 Series Simmons Check Valve

DUCTILE IRON

PIPE SIZE	STOCK NO	EACH
8"	880DI	2212.38

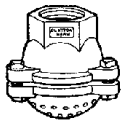
maassmidwest.com

Foot Valves



No 400 Series Simmons Foot Valve

PIPE SIZE	STOCK NO	EACH
3/4"	SI452SB	36.51
1"	SI453SB	43.11
1 1/4"	SI404SB	47.60
1 1/2"	SI456SB	79.06
2"	SI457SB	125.42



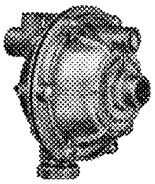
No 540 Midwest Foot Valve with Strainer

Black—Cast Iron, Tapped S.P.S.

PIPE SIZE	STOCK NO	EACH
3"	3MI540	124.28
4"	4MI540	225.47

simmonsmfg.com

Miscellaneous Well Supplies



(34)

Brady Air Volume Controls

STOCK NO	EACH
AV45	32.44

(34)

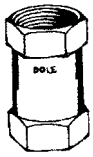
Air Volume Control

DESCRIPTION	STOCK NO	EACH
Deep well, Steel case	1223WJ	45.75

(34)

Merrill Tank Float

DESCRIPTION	STOCK NO	EACH
16"	ME16	28.12



(24)

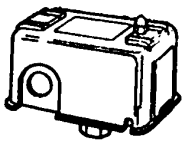
Dole Flow Controls

Simple, self-cleaning device designed to deliver a constant volume of water from any outlet whether pressure is 15 PSI or as high as 125 PSI.

GX Series, 1" female inlet/outlet connection

FLOW(GPM)	STOCK NO	EACH
4.0	1DO4GX	56.27
5.0	1CDX5	56.27
6.0	1CDX6	56.27
8.0	1DO8GX	56.27
10.0	1DO10GX	56.27

simmonsmfg.com



(34)

Class 9013FSG-2 Form P Square D Pumptrols

- For ¼" pipe tap.
- A compact, modern, two-pole pressure switch especially designed for use with motor-driven domestic water systems or other low pressure pumping equipment.
- Provides automatic pressure control for single phase or polyphase motors used with this type of pressure equipment.
- Removal of cover exposes entire mechanism.
- Vertical, visible silver contacts.
- Has ½" conduit openings.

MODEL	PRESSURE SET	STOCK NO	EACH
9013FSG-2	20-40	FSG240	19.48
9013FSG-2	30-50	FSG250	19.48
9013FSG-2	40-60	FSG260	19.48
9013GSG-2	40-60	GSG2	76.05
9013FSG-2-M4	30-60	FSG2M4	26.74



(34)

Deluxe Submersible Torque Arrestors

For protecting submersible pumps from starting torque damage. 4" to 8" well casing, 1¼" drop pipe

STOCK NO	EACH
SI1350	13.16

Miscellaneous Well Supplies

maassmidwest.com simmonsmfg.com americangranby.com



(34)

No. 442 Flush Cap Cylinder

Barrel of seamless brass tubing.
Caps and valves all bronze.

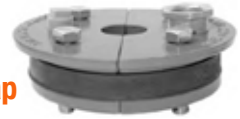
I.D. AND STROKE	CAP TAPPED	STOCK NO	EACH
1 11/16 x 10"	1"	11116STCY	180.34
2 x 10"	1¼"	2STCY	195.68
2¼ x 10"	1¼	214STCY	211.47
2½ x 10"	1¼	212STCY	238.30



(48)

Swage Nipple

SIZE	STOCK NO	EACH
3 x 2"	3X2SWN	188.12
4 x 3"	4X3SWN	273.85
6 x 5"	6X5SWN	819.34



(34)

Simmons Sanitary Well Cap

Single pipe well seals
for shallow well jet installations.

SIZE	STOCK NO	EACH
2" x 1"	SI107	28.97

(34)

Watertight Well Caps

SIZE	STOCK NO	EACH
4"	4VPWC	48.50
4½"	45VPWC	66.06
6"	6VPWC	61.61

(34)

Simmons Sanitary Well Seal

- Single Drop Pipe
- Submersible Pump

Solid Top Plate

SIZE	STOCK NO	EACH
4 x 1"	3014X1	35.28
4 x 1¼"	0494X114	30.53
5 x 1¼"	3245X114	35.04
6 x 1¼"	3146X114	58.46

(34)

Lemco Drawdown Well Seal

Prevents air from entering submersible pumps in low water level wells, increasing the life on the pump & generally increasing the yield of the vein.

SIZE	STOCK NO	EACH
4 x 1"	4X1LESE	57.75



(34)

Cup Leathers

No. 41

Made from finest oak tan leather.
Recommended for shallow wells.
Dry finish, no wax.

SIZE	STOCK NO	EACH
2" x 1 5/16"	241CULE	7.05
3" x 2"	341CULE	10.43
4" x 3"	441CULE	19.23

No. 42

Same high quality leather.
Due to special finish (black) given to these cups, they are especially recommended for moderately deep wells.

SIZE	STOCK NO	EACH
2" x 1 5/16"	242CULE	7.05

No. 44

Premium quality oak tan leather.
Treated with special oils to make the soft & pliable. Gives outstanding service in electric pump water systems.

SIZE	STOCK NO	EACH
1¼" x ½"	114X1244CULE	4.92
1½" x ½"	112X1244CULE	5.56
2"	244CULE	7.05
2½"	21244CULE	8.60



(21)

No. 700 Lower Valve Leathers

ID	OD	STOCK NO	EACH
3"	3½"	3700VALE	7.90



(34)

4" Septic Inspection Plug

- Lubricated rubber ring for easy installation.
- Cast aluminum.
- Fits PVC & Cast Iron.

STOCK NO	EACH
4INPL	17.36



(34)

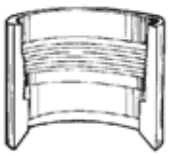
4" Septic Vent Cap

- For residential septic systems
- 3/16" Cast aluminum walls for strength and weather resistance; no discoloration or rust.
- 2 opposed stainless steel set screws for positive grip
- 4 bosses for solid support; eliminates tilting.
- Fits PVC and cast iron

STOCK NO	EACH
4SVC	13.28

Miscellaneous Well Supplies

wellmaster.ca maassmidwest.com



(34)

Drive Shoes

Features

- Heat treated for maximum hardness
- Highest quality seamless steel tube (to A.P.I. specs.)
- Concentric machining assures straight setting in well
- Painted to enhance appearance and corrosion-resistance

SIZE	STOCK NO	EACH
Threaded, Cable Tool Style		
4"	941285	61.23
6"	941289	109.02
Weld On, Cable Tool Style		
4"	941318	58.46
6"	941322	97.17
8"	8WELDS	278.08
Threaded, Rotary Style		
4"	941383	66.36
6"	941388	109.02
Weld On, Rotary Style		
4"	941393	59.65
6"	941391	109.02
8"	8ROWELDS	278.08

(34)

Galvanized Steel Pump Rods

SIZE	LENGTHS PER BUNDLE	STOCK NO	EACH
7/16 x 21	10	716X21PURO	49.96

(34)

No. 720 Hexagon Coupling

Female Rod to Female Rod
Made from solid bars of cold rolled steel.
Galvanized inside and outside.

SIZE	STOCK NO	EACH
7/16 x 7/16"	716X716ROC	1.53
5/8 x 7/16"	58X716ROC	4.04

(34)

Manila Rope

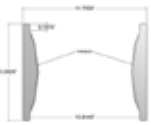
Cut-to-Measure Per Foot

SIZE	STOCK NO	EACH
1"	1MARO	1.34

(00)

Sand

BAG SIZE	STOCK NO	EACH
50 lb.	15REFLSA	16.81
50 lb.	30REFLSA	19.59

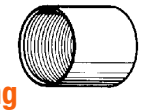


(02E)

R&D Coupling – Black

Reamed & Drifted, 8 V. Thread 11.750" O.D.

SIZE	STOCK NO	EACH
10"	10BSWWC	220.88



(34)

No. 434J Thinwall Turned Coupling

SIZE	O.D.	STOCK NO	EACH
1¼ x 1¼"	1 13/16"	114434J	12.78

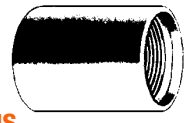


(34)

No. 623 Tool coupling

For use with well tools and drill rods.
Standard pipe threads

PIPE SIZE	O.D. INCHES	STOCK NO	EACH
1"	1 5/8"	1623TOC	17.85



(02e)

P & R Drive Couplings

SIZE	STOCK NO	EACH
Galvanized		
1"	1GSPRC	0
1¼"	114GSPRC	23.25
1½"	112GSPRC	26.74
2"	2GSPRC	34.49
Black		
2"	2BSPRC	26.74
3"	3BSPRC	37.98
4"	4BSPRC	58.90
5"	5BSPRC	75.56
6"	6BSWWC	80.60
8"	8BSWWC	145.70



(34)

No 618 Drive Cap

Malleable Iron with air vent in top

SIZE	STOCK NO	EACH
1¼"	114DRCAP	14.46
2"	2DRCAP	42.03



(02)

Arrow Sample Tap

SIZE	STOCK NO	EACH
½"	301PE	9.10
¾"	302PE	9.79

Monitoring Well Products (33)

johnsonscreens.com



304 Stainless Steel Monitoring Screens

SIZE	SLOT	DESCRIPTION	STOCK NO	EACH
2" x 5'	10	MIPxFIP	2X510SMXF	268.09
2" x 5'	10	M&F Flush	2X510SMF	268.09
2" x 5'	10	MIPxPlate	2X510S	290.67
2" x 10'	10	MIPxPlate	2X1010S	446.97

304 Stainless Steel Monitoring Fittings

SIZE	DESCRIPTION	STOCK NO	EACH
2"	Fl. Male Plug	2SSMOPL	77.28
2"	Fl. Female Cap	2SSMOCA	77.28

PVC Slotted Monitoring Screens

SIZE	SLOT	DESCRIPTION	STOCK NO	EACH
Schedule 40				
2" x 5'	10	MxF Flush	2X510SS40MF	29.65
2" x 10'	10	MxF Flush	2X1010SS40MF	45.74
2" x 10'	10	Plain End	2X1010PV	40.76

"Big Foot" PVC Monitoring Screens

SIZE	SLOT	DESCRIPTION	STOCK NO	EACH
4" x 10'	10	Plain End	4X1010PV	126.14
4" x 10'	12	Plain End	4X1012PV	126.14
4" x 10'	15	Plain End	4X1015PV	126.14
4" x 10'	20	Plain End	4X1020PV	126.14

PVC Monitoring Pipe

SIZE	DESCRIPTION	STOCK NO	EACH
Schedule 40			
2" x 5'	MxF Flush	2X5S40MF	23.83
2" x 10'	MxF Flush	2X10S40MF	37.21
4" x 10'	MxF Flush	4X10S40MF	106.69

PVC Monitoring Fittings

SIZE	DESCRIPTION	STOCK NO	EACH
Schedule 40			
2"	Fl. Male Plug	2PVMOP	7.67
2"	Fl. Female Cap	2PVMOCAP	7.67
2"	Fl. Male Thr. Point	2PVMFTP	14.06

Monitoring Well Products (34)

cresline.com

(08a)

ASTM F480
Class 200 PVC Well Casing with Belled End

SIZE	STOCK NO	FOOT
4" x 20'	4X20PVWCBE	3.76
5" x 20'	5X20PVWCBE	5.98
6" x 20'	6X20PVWCBE	8.14

(08)

Deep Socket Coupling

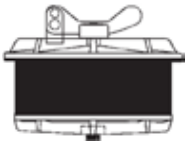
Slip x Slip

SIZE	STOCK NO	EACH
2"	2PVLC	4.49
4"	4PVLC	17.52



Morrison Monitor Manhole

SIZE	STOCK NO	EACH
Limited access manhole.		
8 x 12"	418XA	108.02
Limited access manhole. Welded Skirt.		
9 x 12"	418X	206.93

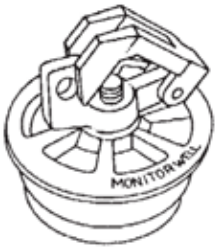


Morrison Monitoring Well Plugs

- Designed to be a tamperproof, watertight cover for monitoring and observation wells.
- It slips into the open end of a pipe and as the brass wing bolt is tightened, the seal expands to hold the plug in place.
- The "Test Well No Fill" warning is molded directly to the plastic body.
- The stainless steel lock lever swings out of the way for easy operation.
- Bright orange color is easy to spot in the field and helps to warn against unauthorized access.

SIZE	STOCK NO	EACH
4"	4678XA	37.67

morbros.com



(34)

Cherne Monitor Well Locking Plug

SIZE	STOCK NO	EACH
2"	CH271675	33.81

oatey.com

Yard Hydrants



(34)

Aluminum Locking Well Plug

SIZE	STOCK NO	EACH
6⅝"	6LOFICAP	47.57



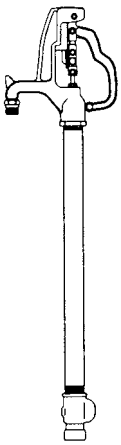
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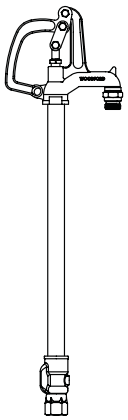
Merrill Any Flow

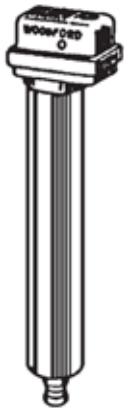
Frost Proof Yard Hydrant

SIZE	STOCK NO	EACH
¾" x 6'	6WHMB	183.38

merrillmfg.com







(02)

Yard Hydrants

Low-Lead Freezeless Yard Hydrants

DESCRIPTION	STOCK NO	EACH
Model Y34		
¾ x 6' bury	34X6Y34LL	267.15
¾ x 7' bury	34X7Y34LL	278.54
Model Y1		
1 x 6' bury	1X6Y1LL	353.14
1 x 7' bury	1X7Y1LL	365.00

(02)

Freezeless Yard Hydrant

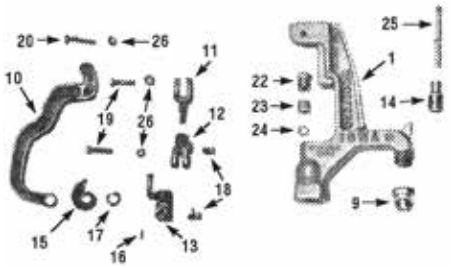
DESCRIPTION	STOCK NO	EACH
Model R34		
¾ x 6'	R346	168.54
¾ x 7'	R347	179.89

(02)

Thermaline Freezeless Mobile Home Water Connector

A compact unit especially designed to provide water service to mobile homes. Ideal wherever a freezeless sanitary tight line installation is needed, such as, waterers for livestock. The Thermaline is protected from freezing by a bonded polyurethane foam insulation molded in high strength plastic casing and a 15 watt portable insert heater which can be inserted and removed without interrupting the water service. When not in use, wheel handle at surface level shuts off water below the frostline and water above the frost line can be removed completely with forced air or suction pump.

SIZE	STOCK NO	EACH
¾ x 7' bury	7YDHY	492.13

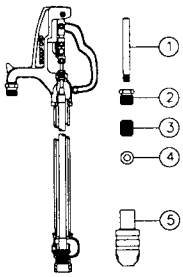


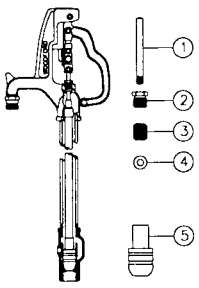
Y34/Y1 Head

See below for part number description and price

Repair Kits

(priced below)





RK-Y34

for Y34 Hydrant

1. 10104 Rod Stem
2. 10100 Packing Nut
3. 10101 Packing
4. 10102 Support Washer
5. 10105 Plunger

RK-Y1

for Y1 Hydrant

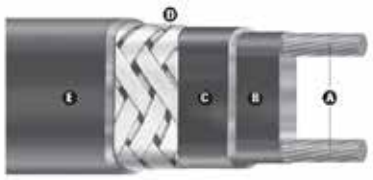
1. 10104 Rod Stem
2. 10100 Packing Nut
3. 10101 Packing
4. 10102 Support Washer
5. 10106 Plunger

(21)

Yard Hydrant Parts

CALL OUT	PART NO	DESCRIPTION	STOCK NO	EACH
For Model Y34				
1	15004	Head (with packing support washer)	WO15004	94.19
2	1003X	1" Pipe Casing (specify length)	Price on Application	
4	10105	Plunger (one piece)	WO10105	16.27
—	15003	Head Assembly, complete (see above)	WO15003	189.91
RK-Y34		Repair Kit (see above)	WORKY34	31.26
For Model Y1				
5	15002	Head (with packing support washer)		
6	1005X	1¼" Pipe Casing (specify length)	Price on Application	
7	10017	Valve Seat Body, 1" N.P.T. inlet		
8	10106	Plunger (one-piece)	WO10106	20.80
—	15001	Head Assembly, complete(see above)	WO15001	230.84
RK-Y1		Repair Kit (see above)	WORKY1	35.53
For either Y34 or Y1				
		Brass Hose Nozzles		
9	10003	1" FPT to ¾" male hose thread		
9	10004	¾" FPT to ¾" male hose thread		
10	10008	Lever		
11	10009	Upper Half of Link		
12	15007	Lower Half of Link with set screw		
13	15009	Clevis, with set screw		
—	15010	Hydrant Repair Kit		
15	10014	Disc Cam		
16	10015	Cam Retaining Pin		
17	10016	Spring Washer		
18	10019	Set Screw for Clevis and Link		
19	10020	Link Bolt, with nut (2 required), each		
20	10021	Lever Bolt, with nut		
21	1002X	Pipe Stem (specify length)	Price on Application	
23	10101	Packing	WO10101	3.40
24	10102	Packing Support Washer		
25	10103	Brass Rod Stem		

A. Buss Wires
Twin 16 AWG copper buss wires provide good current capability.
B. Matrix
A semiconductive polymer core whose electrical resistance varies with temperature. When process temperature drops, the core's heat output increases; conversely, as process temperature rises, heat output decreases.
C. Jacket
The flame retardant insulation jacket is a thermoplastic rubber material with excellent water resistance. It resists certain mildly corrosive chemicals.
D. Tinned Copper Braid
The braid covering the jacket provides an effective ground path and mechanical protection.
E. Overjacket
The Thermoplastic overcoat protects the braid, and is UV resistant.



NAMSR Self-Regulating Cable Spools



NAMSR Cable is constructed of a self-regulating polymer core that varies its output along its entire length, saving energy and eliminating hot spots along the pipe. Parallel construction makes it easier to install than series types of cable since it can be cut to length at any point on the pipe. It can be overlapped without overheating the cable. 10 year Warranty.

LENGTH	VOLTAGE	WATTAGE	STOCK NO	EACH
250'	120V	5W	WUSR5W1250	1201.28
500'	240V	5W	WUSR5W2500	2401.28



NAMSR Self-Regulating Kit with Plug

LENGTH	VOLTAGE	STOCK NO	EACH
50'	120V	WUSRK50	206.72
100'	120V	WUSRK100	352.00

Accessories

Power Connection Kit
Includes pipe mounting bracket and (1) end cap.

STOCK NO	EACH
WUSRPOWERKIT	45.44

Splice/Tee Kit
For Self-Regulated Cable. Includes (2) end caps.

STOCK NO	EACH
WUSRSPLICEKIT	30.08

End Seal Kit
For Self-Regulated Cable.

STOCK NO	EACH
WUSRENDKIT	16.64

Lit End Cap
For Self-Regulated Cable.

STOCK NO	EACH
WUSRLENDCAP	196.48

Plug-In Cord with GFCI
GFCI cord set NAMSR cable series. 15 amp rated, 120V.

STOCK NO	EACH
WUCRDS15GFI	61.44

Unjacketed Indoor Freeze Protection Cable

Cable Spool



This non-jacketed cable is suitable for indoor residential pipe protection. The finished installation may require tape or a thermostatic plug. The Warmup range offers the key advantage of 5W/linear foot of heat output. This high-output cable provides better results, better protection against frost, all with less cable required. 1 year Warranty.

LENGTH	VOLTAGE	STOCK NO	EACH
250'	120V	WUSR5W1250U	451.20

Accessories

Connection and End Cap



STOCK NO	EACH
WUSRHTMK	20.48

Application Tape
for UJ Cable series 1/2" W x 66' L



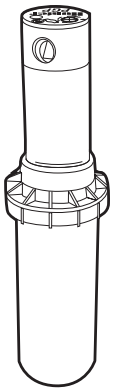
STOCK NO	EACH
WUSRTAPEUJ	14.08

Warmup®
The world's **best-selling** floor heating brand™

Sprinkling Equipment (34)

(Stocked in our St.Cloud branch Only)

hunterindustries.com



Hunter G-Type Gear Driven Single Stream Rotary Sprinkler

Model PGP 4" Pop-up Sprinkler with 12 interchangeable nozzles capable of varying the discharge rate from .4 GPM in a 15' radius to 14.4 GPM in a 52' radius.
Plastic riser, less check valve.

TYPE	RADIUS	FNPT INLET	MAX OPERATING PRESSURE	STOCK NO	EACH
Adjustable	*40-360°*	*¾"*	*75*	*PGPADJ*	*12.95*

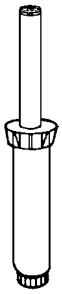
Rainbird Fixed Spray Sprinkler

4" spring retract pop-up sprinkler body only.
LESS NOZZLES.

STOCK NO	EACH
SRS04	*2.23*

Plastic Nozzles, Variable Arc with 15' Coverage

15VAN	*1.76*





Rainbird Plastic Nozzles

Hunter SRC Controller

- For residential or light commercial use.
- Easy to install.
- Indoor Mount cabinet.
- Up to 12 daily starts, 7-day calendar.
- Odd/even programming with 365-day clock.
- Rain sensor with easy override.
- AM/PM or 24 hour clock option.
- Start time stacking.
- Simple manual operation.



STATIONS	STATION TIMING	STOCK NO	EACH
6	*0-90 Minutes (one minute increments)*	*SRC600I*	*174.45*

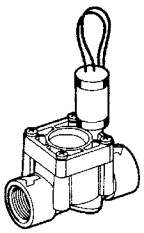
Control Wire



DESCRIPTION	STOCK NO	PRICE/FOOT
5-Wire 18 Ga. x 500'	*1805M500*	*.37*

Hunter Zone Valve

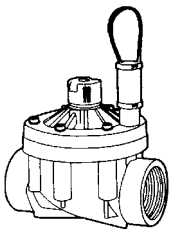
Plastic globe valve
Female slip inlet and outlet
Less flow control



SIZE	OPERATING RANGE TO	STOCK NO	EACH
1"	*125°*	*SRV100G*	*20.07*

Hunter Zone Valves

Glass-filled nylon 200psi globe valve.
With flow control.



SIZE	STOCK NO	EACH
1½"	*ICV151G*	*112.48*

3M Direct Bury Splice Kit



SIZE	STOCK NO	EACH
2-Pack	*DBY*	*8.43*

Ametek Valve Boxes



DESCRIPTION	DIMENSIONS	STOCK NO	EACH
Standard 12¼" Box	*21"L x 16"W*	*113BC*	*30.18*

NDS Round Valve Box



DESCRIPTION	DIMENSIONS	STOCK NO	EACH
Economy Valve Box	*6" Round*	*107BC*	*4.38*

Sprinkling Equipment (34)

(Stocked in our St.Cloud branch Only)

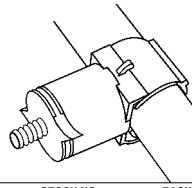
centralirrigationsupply.com

Tom King Blazing Saddles™ reduce costs of labor, training, tools, glue and primer as well as costly forgotten coring and drilling problems.

They are the quickest and easiest saddles on the market to install.

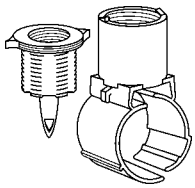
The higher the pressure the tighter the seal, and even if the saddles shift in the ground they continue to seal.

For both PVC and Polyethylene Poly Pipe.



"Blazing" Saddle

SIZE	STOCK NO	EACH
1 x swing pipe	1XSPBSA	3.65



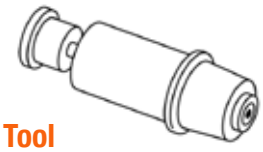
"Blazing" Saddles

SIZE	STOCK NO	EACH
1 x ¾"	1X34FPTSA	3.49



Plastic Saddles

SIZE	STOCK NO	EACH
1 x ½"	100C	2.13



Saddle Coring Tool

STOCK NO	EACH
HC45	28.60



Stainless Steel Clamps

SIZE	STOCK NO	EACH
1"	331R	.32
1¼"	425R	.38



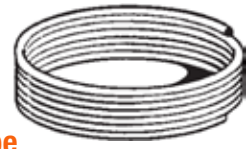
Oetiker Crimping Tool

STOCK NO	EACH
1098	28.46



Staking Flags

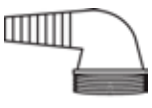
DESCRIPTION	STOCK NO	EACH
18" Blue	FLAG	.23



SP100 Swing Pipe

For use in conjunction with spiral barb fittings as a flexible swing joint assembly. 80PSI at 110 Fah.

SIZE	STOCK NO	EACH
½" x 100'	SP100	33.45



Spiral Barb Fittings

SIZE/DESCRIPTION	STOCK NO	EACH
½ MIP x ½ Barb 90 Ell	SBE050	.27
¾ MIP x ½ Barb 90 Ell	SBE075	.29

Deltro Pump Start Relay

STOCK NO	EACH
PSR122	158.45



(34)

KF100 Kleen-Flo Intake Screen

- For filtering water taken from lakes, streams, reservoirs, and similar sources.
- Rust-protected cylindrical metal cage with a fine-mesh flexible slip-over fiberglass screen.
- Threaded pipe fitting adaptable to any intake tap up to 2" in diameter.
- 9" diameter, 28" high.
- Pumping capacity of 6,000 gallons per hour.

STOCK NO	EACH
KF100	75.55

Kleen-Flo Replacement Bag

KF101	22.45



(18)

Rubber Garden Hose

Single braid, reinforced, brass coupled, green.

ID	LENGTH	STOCK NO	EACH
⅝"	50'	58X50RUHO	51.23

Hose Fittings



Double Male Brass Hose Nipple

M.I.P.	M.H.T.	STOCK NO	EACH
½"	¾"	12X34MHONI	10.56
¾"	¾"	34X34MHONI	9.55



Double Female Brass Hose Nipple

F.I.P.	F.H.T.	STOCK NO	EACH
Regular			
½"	¾"	12X34FHONI	7.16
¾"	¾"	34X34FHONI	9.94
Swivel			
¾"	¾"	34IPHOSW	10.30
F.H.T.	**F.H.T.**	**STOCK NO**	**EACH**
Swivel			
¾"	¾"	34X34HOSW	9.61



Male and Female Brass Hose Nipples

M.I.P.	F.H.T.	STOCK NO	EACH
½"	¾"	34X12MFHONI	8.99
M.H.T.	**F.I.P**	**STOCK NO**	**EACH.**
¾"	½"	12FIPX34MHTHONI	9.49
¾"	¾"	34FIPX34MHTHONI	12.21

Brass Hose End Cap

F.H.T.	STOCK NO	EACH
¾"	34215CAP	3.55



(21)

Garden Hose Washers

W-225 • ½, ⅝, ¾"

STOCK NO	EACH
KIW225	20

For "Pipe-O-Let" fittings, see page 1031

Hose Fittings



Hose Coupling with Female End Only

HOSE SIZE	STOCK NO	EACH
⅝"	5885FHOC	10.72
¾"	3485FHOC	11.32



3/4" Hose Coupling

HOSE SIZE	STOCK NO	EACH
¾"	3485HOC	30.12

Globe Fire Equipment (18)

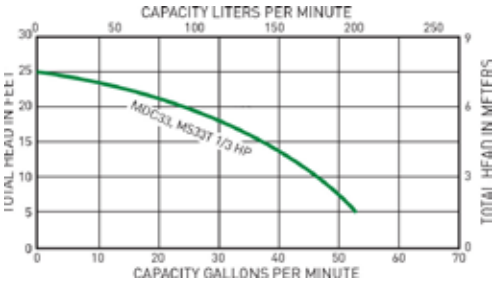


(18)

Globe Bulb Sprinklers

½"Orifice—½"NPT.

STOCK NO	EACH
Pendant	
12165PE	13.31



MS & MDC Series
Submersible Sump Pump

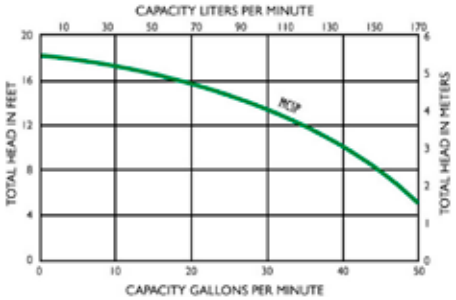
Zinc and cast iron construction. Raised inlet to prevent debris suction and reduce maintenance time. PSC motor to reduce energy consumption and provide a longer life. Multiple piggy-back automatic and manual switch options to fit in various basin sizes. 10' Cord 115v, 1½" NPT discharge connection.

Handles ¼" solids • 3 Year Warranty



MDC33V1

SWITCHING	HP	MAX GPM	MAX HEAD	STOCK NO	EACH
PB Vertical	*⅓*	*62*	*25*	*MDC33V1*	*231.79*



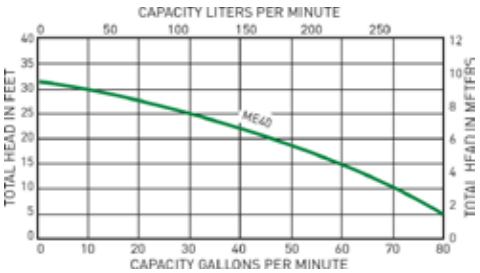
MCSP Series
Thermoplastic Pedestal Sump Pump

Fits 12" diameter x 24" deep or larger sump pits. Corrosion-Resistant Thermoplastic. Verticle rod actuated micro switch. 6' Cord 115v, 1¼" NPT Discharge.

Handles ⅛" solids • 3 Year Warranty



SWITCHING	HP	MAX GPM	MAX HEAD	STOCK NO	EACH
Vertical	*⅓*	*54*	*18*	*MCSP3*	*230.40*



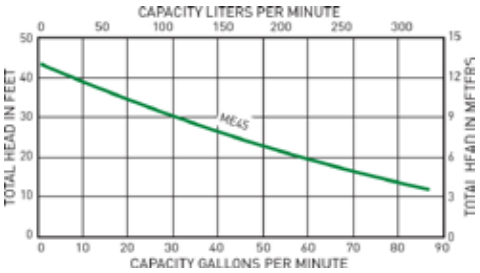


ME40 Series Effluent & Drain Water Pumps

Positive sealing, quick-connect float and switch cords. Enclosed design for high-efficiency pumping eliminates possibility of jamming between impeller and volute. Lower ball bearing and heavy-duty, type 6 seal for added pump life. 20' Cord 115v, 1½" NPT Discharge.

Handles ¾" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	STOCK NO	EACH
Manual	*4/10*	*80*	*32*	*ME40MC11*	*451.58*
Tethered	*4/10*	*80*	*32*	*ME40AC11*	*414.56*



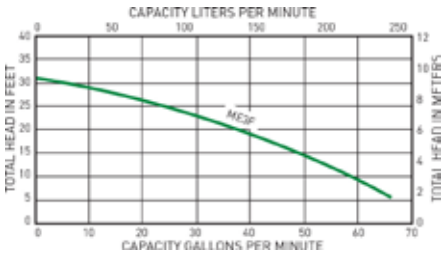


ME45 Series Cast Iron Submersible Effluent Pump

Positive sealing, quick-connect float and switch cords. Enclosed design for high-efficiency pumping eliminates possibility of jamming between impeller and volute. Lower ball bearing and heavy-duty, type 6 seal for added pump life. 20' Cord 115v, 2" NPT Discharge.

Handles ¾" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	CORD LENGTH	STOCK NO	EACH
Manual	*½*	*87*	*44*	*20'*	*ME45MC11*	*520.70*



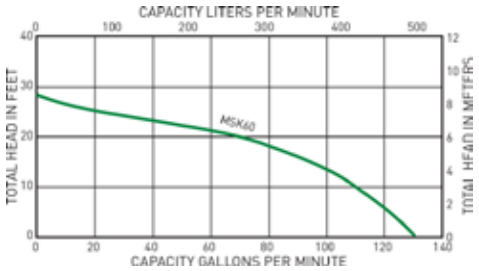


ME3 Series High Head and High Flow Submersible Effluent Pump

Overload protected, Oil-filled motor for maximum heat dissipation and continuous bearing lubrication. Cast iron construction. 20' Cord, 1½" NPT Discharge.

Handles ¾" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	VOLTAGE	STOCK NO	EACH
PB Tethered	*⅓*	*66*	*31*	*115*	*ME3F11P*	*416.21*

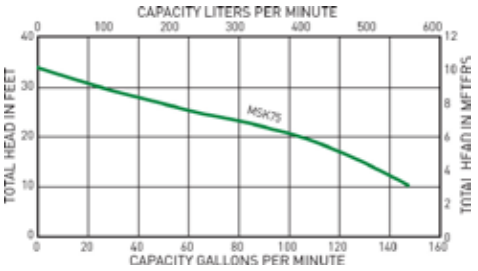




MSK60 Series
Wastewater & Sewage Pumps

Carbon/Ceramic type 21 mechanical seal.
Oil-filled motor with automatic reset thermal overload for maximum protection. Upper and lower single-row ball-bearing construction. 20' Cord, 2" NPT Discharge.
Handles 2" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	VOLTAGE	STOCK NO	EACH
Manual	*6/10*	*130*	*28*	*115*	*MSK60M1*	*1401.60*

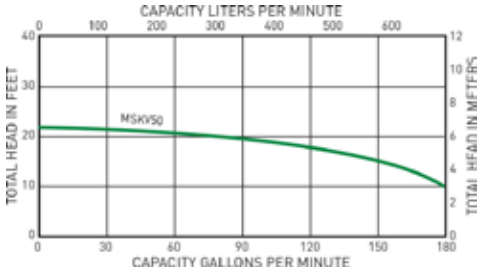




MSK75 Series
Wastewater & Sewage Pumps

Carbon/Ceramic type 21 mechanical seal.
Oil-filled motor with automatic reset thermal overload for maximum protection. Upper and lower single-row ball-bearing construction. 20'Cord, 2" NPT Discharge.
Handles 2" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	VOLTAGE	STOCK NO	EACH
Manual	*3/4*	*150*	*33*	*230*	*MSK75M2*	*1607.20*

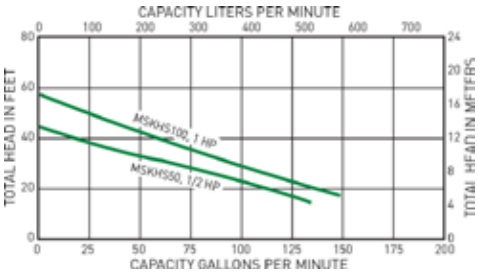




MSKV50 Series Sewage Pumps with Recessed Vortex Impeller

Allows pumping of stringy material and reduces clogging.
Carbon/Ceramic type 21 mechanical seal. Oil-filled motor with automatic reset thermal overload for maximum protection.
Lower single-row ball-bearing construction. 2" NPT Discharge 115v.
Handles 2" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	CORD LENGTH	STOCK NO	EACH
PB Tethered	*1/2*	*180*	*22*	*20'*	*MSKV50AW120*	*761.47*

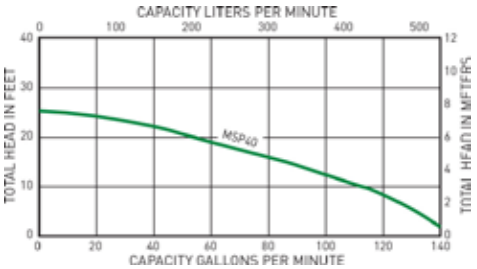




MSKHS Series
Wastewater & Sewage Pumps

Residential or comercial building applications.
Carbon/Ceramic type 21mechanical seal.
Oil-filled motor with automatic reset thermal overload for maximum protection. Upper and lower single-row ball-bearing construction. 20' Cord, 2" NPT Discharge.
Handles 2" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	VOLTAGE	STOCK NO	EACH
PB Tethered	*1/2*	*138*	*45*	*115*	*MSKHS50A1*	*1951.22*
Manual	*1*	*160*	*58*	*230*	*MSKHS100M2*	*1828.50*





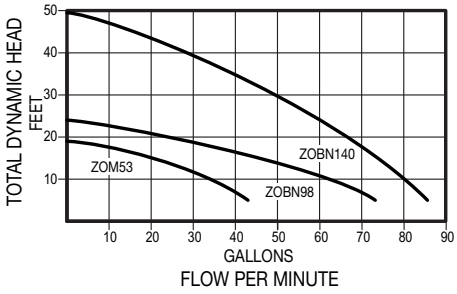
MSP40 Series Residential Sewage & Wastewater Pumps

Carbon/Ceramic type 21 mechanical seal. Oil-filled motor with automatic reset thermal overload for maximum protection. Upper and lower single-row ball-bearing construction. 2" NPT Discharge, 115v.

Handles 1¼" solids • 3 Year Warranty

SWITCHING	HP	MAX GPM	MAX HEAD	CORD LENGTH	STOCK NO	EACH
PB Diaphragm	*4/10*	*130*	*26*	*10'*	*MSP40A1*	*887.62*

Myers®





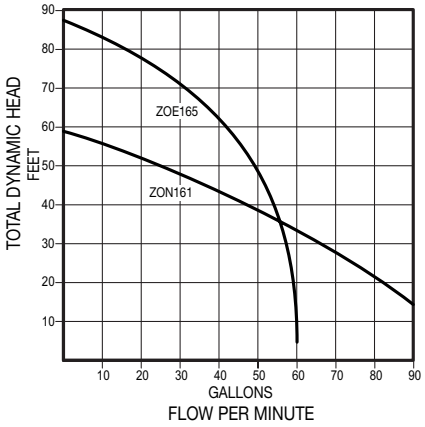


53/98/140 Series Cast iron Submersible Effluent Pump

"Flow-Mate" 1½" NPT Discharge

Models 53 & 98 Handles ½" solids • Model 140 Handles ¾" solids

SWITCHING	HP	RPM	CORD LENGTH	STOCK NO	EACH
Automatic	*⅓*	*1550*	*9'*	*ZOM53*	*224.97*
Automatic	*⅓*	*1550*	*35'*	*ZOM5335*	*285.16*
Piggyback Variable Level Float Switch					
Automatic	*⅓*	*1550*	*9'*	*ZOBN53*	*255.06*
Automatic	*½*	*1725*	*15'*	*ZOBN98*	*373.94*
Automatic	*1*	*3450*	*20'*	*ZOBN140*	*719.29*





161/165 Single Seal Series Submersible Effluent Pump

High Head "Flow-Mate" 1½" NPT Discharge

SWITCHING	HP	RPM	CORD LENGTH	STOCK NO	EACH
1Ph 115v					
Manual	*½*	*3450*	*20'*	*ZON161*	*1086.47*
1Ph 230v					
Manual	*1*	*3450*	*20'*	*ZOE165*	*1284.35*

264 & 267 Series Sewage/Effluent Pump

"Waste-Mate" 2" NPT Discharge

Piggyback Variable Level Float Switch

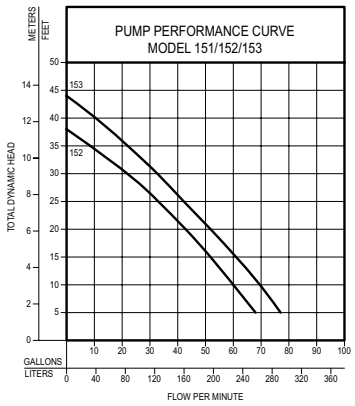
SWITCHING	HP	RPM	CORD LENGTH	STOCK NO	EACH
Automatic	*4/10*	*1725*	*15'*	*ZOBN264*	*415.32*
Automatic	*½*	*1725*	*10'*	*ZOBN267*	*503.36*

3" Flanged Discharge Kit

STOCK NO	EACH
ZO101306	*56.43*



NEW ITEM



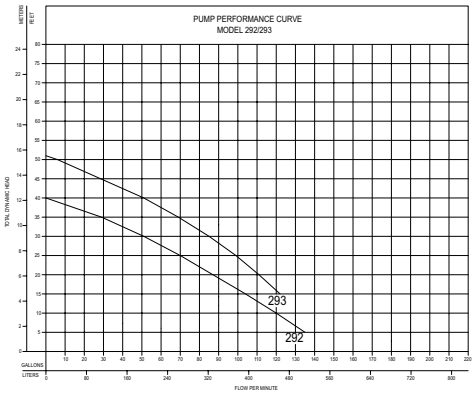


152/153 Series Effluent Pump

- ¾" Solids
- 1½" Discharge
- Includes 1½" - 2" PVC Adapter

Cast Iron

SWITCHIMNG	VOLTAGE	HP	RPM	CORD LENGTH	STOCK NO	EACH
Automatic	*115V*	*4/10*	*3450*	*20'*	*ZOBN152*	*406.30*
Manual	*115V*	*4/10*	*3450*	*20'*	*ZOBN152*	*406.30*
Manual	*230V*	*4/10*	*3450*	*20'*	*ZOE152*	*499.59*
Manual	*115V*	*½*	*3450*	*20'*	*ZON153*	*528.94*



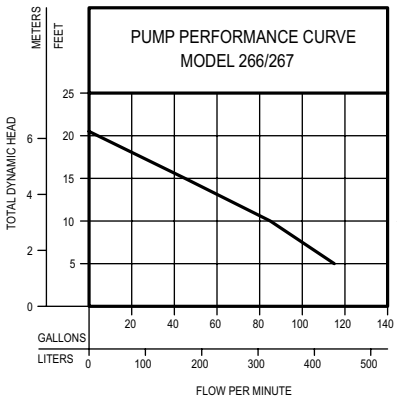
NEW ITEM



292/293 Series Sewage Pump

High Head "Waste-Mate" 2" NPT Discharge

SWITCHING	VOLTAGE	HP	RPM	CORD LENGTH	STOCK NO	EACH
Manual	*115V*	*½*	*3450*	*20'*	*ZON292*	*1079.69*
Manual	*230V*	*1*	*3450*	*20'*	*ZOE293*	*1202.34*



NEW ITEM



M267 Sewage Pump

Sewage Ejector "Waste-Mate" 2" NPT Discharge

SWITCHING	VOLTAGE	HP	RPM	CORD LENGTH	STOCK NO	EACH
Automatic	*115V*	*½*	*1725*	*10'*	*ZOM267*	*516.15*

Liberty Sump and Effluent Pumps (51)

libertypumps.com

Liberty 404/405 Drain Pumps



- Fully automatic operation
- QuickTree® technology
- Oil filled, thermally protected
- 3/8" solids-handling

Model 404 "Short Profile • Model 405 Commercial High-Head High Temperature

SIZE	HP	RPM	CORD LENGTH	DISCHARGE	CAPACITY	STOCK NO	EACH
11 1/8"H x 13 3/4"W	1/3	3450	10' 115V	1 1/2"	4.3 gal.	LI404	343.50
14 1/8"H x 13 3/4"W	1/2	3450	10' 115V	2"	5.5 gal.	LI405	490.50

Liberty 247 Cast Iron Submersible Sump Pump

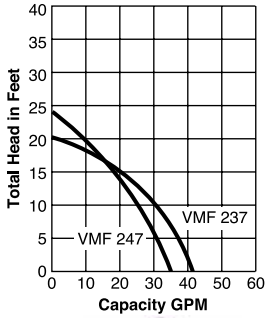


Automatic

- Patented VMF(vertical magnet float) switch technology
- Oil filled motor with thermal overload protection
- 1/4 HP, 115v, 60Hz, 3400 rpm, 9.2 amp motor
- One piece cast iron "uni-body", elimating lower motor seal ring
- For smaller pits, down to 10"
- 10' quick-disconnect cord
- 1 1/2" discharge and mid-mounted "peripheral-port" intake

Handles 1/4" solids

STOCK NO	EACH
LI247	195.75



Liberty 237 Aluminum/Polypropylene Submersible Sump Pump



Automatic

- Patented VMF(vertical magnet float) switch technology
- Oil filled motor with thermal overload protection
- 1/3 HP, 115v, 60Hz, 1725 rpm, 5.2 amp motor
- Body is finned anodized aluminum (better cooling) and polypropylene
- For smaller pits, down to 10"
- 10' quick-disconnect cord
- Removable base allows suction down to 1/8"

STOCK NO	EACH
LI237	200.25

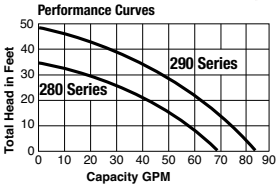
Liberty 283-2 "Mid-Range" Submersible Sump/Effluent Pump



For on-site waste water systems, liquid waste transfer and commercial heavy-duty sump pump applications that require higher head or more flow.

- Vortex style impeller, permitting passage of solids up to 3/4"
- 416 stainless steel rotor shaft
- 1 1/2" discharge
- 25' UL approved piggy-back power cord

STOCK NO	EACH
Automatic • 1/2 hp • 55GPM @ 10'.	
LI2832	369.00
LI287	313.50
Automatic • 3/4 hp • 72GPM @ 10'	
LI2932	465.75



HT40/450 Series High Temp Submersible Pump



Automatic - 115v

SWITCHING	HP	SOLIDS	CORD LENGTH	DISCHARGE	STOCK NO	EACH
Automatic	4/10	3/4"	10'	1 1/2" FNPT	LIHT41A	522.00
Automatic	1/2	3/8"	10'	1 1/2" FNPT	LIHT453	423.75

FL Series Effluent Pumps



Cast iron housing. Oil-filled, hermetically sealed motors.

3/4" Solids Handling

SWITCHING	HP	VOLTAGE	RPM	CORD LENGTH	DISCHARGE	STOCK NO	EACH
Manual	1/2	115	3450	10'	1 1/2" & 2"	LIFL51M	735.75
Manual	1	208-230	3450	25'	1 1/2" & 2"	LIFL102M2	1073.25

PRG-Series Residential Grinder Pump



Manual - 115v

SWITCHING	HP	AMPS	CORD LENGTH	DISCHARGE	STOCK NO	EACH
Manual	1	12	10'	2" FNPT	LIPRG101M	1266.75

StormCell® Sump Pump Combo Series



Pre-assembled Primary Pump and Battery Backup System

- Model 457 Pump, 115 V
- 442-10A backup pump system
- 1-1/2" PVC piping with rubber coupler between primary pump and back-up pump
- Check valve included on primary and back-up pump
- Completely assembled
- 3/8" solids handling, maximum fluid temp 140° F

Battery not included see below.

SWITCHING	HP	AMPS	CORD LENGTH	DISCHARGE	NIGHTEYE	STOCK NO	EACH
Auto	1/2	7.3	10'	1 1/2"	No	LIPC45744210A	1226.25
Auto	1/2	7.3	10'	1 1/2"	Yes	LIPC45744210AEYE	1529.25

StormCell® Batteries



Group 27, Severe Duty

- Flooded Maintenace Free
- Amp hour rating - 105AH,
- RC minutes - 125,
- CA Rating - 875, Weight 47 lbs.

STOCK NO	EACH
LIB12V27WET	304.50

Liberty Model SJ10



Sump Jet Water Powered Back-Up Pump

- 1-1/4" Discharge.
- 3/4" NPT water inlet connection. (optional hose connector included)

Requires NO electricity.

STOCK NO	EACH
LISJ10	240.00

NightEye® Wireless Enabled Pump Alarm



Intelligent pump monitoring and alarms sent to your smart device with a free app download. No service or subscription fees. 120v with 9v battery backup. Audible alarms and LED warning lights on device. Two switch styles available.

Snap-on float not recommended for sewage applications.

MODEL	FLOAT STYLE	CORD LENGTH	STOCK NO	EACH
ALM-P1-EYE	Compact Snap-on	10'	LIALMP1EYE	397.50
ALM-2-EYE	Wide-angle	20'	LIALM2EYE	401.25

Residential Sewage Package

Durable 21" x 30" polypropylene basin
Pre-assembled with LE41A pump

STOCK NO	EACH
LI372LE41A	636.75

Pressure testable

LI372XLLE41A	707.25

P382LE41 Shallow Package Sewage System

4/10 HP, 115v, single phase
Automatic, 2" discharge

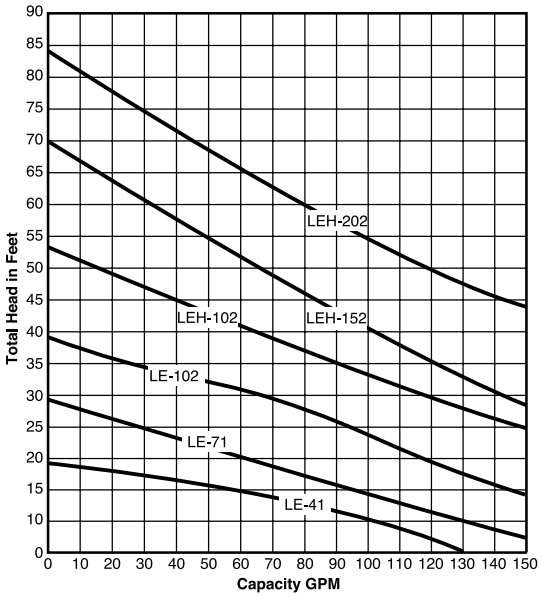
STOCK NO	EACH
P382LE41	636.75



8" Basin Extension

Includes: Gasket, stainless steel bolts and longer QuickTree for float mounting.
For PRO370 & PRO380

STOCK NO	EACH
LIX8	195.75




LE41/51


LE71/72/102

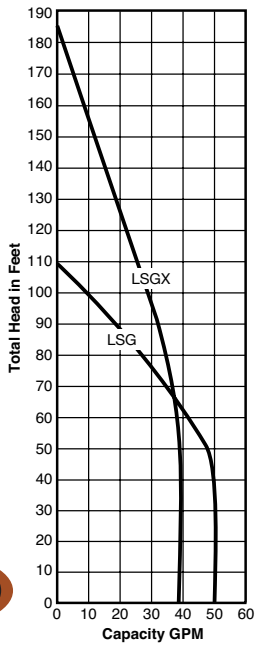

LEH1001/162/202

LE Series Sewage Pumps

Cast iron housing. Oil-filled, hermetically sealed motors.

SWITCHING	HP	RPM	CORD LENGTH	DISCHARGE	STOCK NO	EACH
115 Volts • Handles 2" solids						
Automatic	4/10	1550	10'	2" FNPT	LILE41A	418.50
Manual	1/2	1725	25'	2" Flanged	LILE51M2	456.75
Manual	3/4	1725	25'	2" Flanged	LILE71M2	757.50
208/230 Volts • Handles 2" solids						
Manual	3/4	1725	25'	2" Flanged	LILE72M22	828.00
Manual	1	1725	10'	2" Flanged	LILE102M2	836.25
Manual	1 1/2	3450	10'	2" Flanged	LILEH152M2	1498.50
230 Volts • Handles 2" solids						
Manual	1	3450	10'	2" Flanged	LILEH102M2	965.25
Manual	2	2450	10'	2" Flanged	LILEH202M2	1650.75

LIK001008 & LIK001059 Quick-Connect to use with LE and FL Pumps




LSGX202-RE LSGX202-REX

LSGX Series Grinder Package - Omnivore

The RE/REX-Series is engineered as an easy drop-in core replacement for E/One® GP200, GP2000 and Extreme D-Series systems.
Includes 8' drop rope. 208/230 Volts.
"RE" models use GP200/GP2000 systems.
"REX" models use new Extreme D-series hooded connetor.

SWITCHING	HP	DISCHARGE	CORD	STAGE	STOCK NO	EACH
Automatic	2	1 1/4 NPT	10'	2 Stage	LILSGX202RE	4240.50
Automatic	2	1 1/4 NPT	10'	2 Stage	LILSGX202REX	4287.00



LSG Series Grinder Pump - Omnivore

V-Slice technology. Stainless steel impeller.
208/230 Volts

SWITCHING	HP	RPM	CORD LENGTH	DISCHARGE	STOCK NO	EACH
Automatic	2	3450	25'	1 1/4" FNPT	LILSG202A	1949.25
Automatic	2	3450	25'	1 1/4" FNPT	LILSGX202A	2763.75

Accessories

Cast Iron 90° Ell

With gaskets & stainless steel bolts

MODEL	STOCK NO	EACH
G90	LIG90	42.75

Cast Iron Guide Rail Base

With internal ball check valve

MODEL	STOCK NO	EACH
GR20	LIGR20	175.50

Replacement Cords

25' Quick Connect

VOLTAGE	STOCK NO	EACH
115v	LIK001008	36.00
230v	LIK001059	36.00

Piggy-Back Float Switch

25 foot for LSG Grinder Pumps, H152 & H202 Sewage Pumps

STOCK NO	EACH
LIK001136	114.75

ACV125

Anti-Siphon Check Valve

STOCK NO	EACH
LIACV125	87.75

3" Flanged Discharge Kit

STOCK NO	EACH
LIK001222	39.00

PHCC Pro Series Battery Backup Sump Pump Systems

Designed for the Professional Contractor
Continuous duty submersible pump
- Stainless steel shaft, rulon seal and rust-proof housing provides long-lasting, reliable operation.

System controller
- Continously monitors battery and power conditions to ensure dependable operation
- Sounds alarm when:
  - AC power is out or circuit has blown
  - battery fluid is low and water needs to be added
  - pump was activated
  - battery is discharged, defective or the terminals need cleaning

Pro 1000 Standard



- Trickle charger maintains battery at full charge
- Controller sounds alarm when charger is charging battery
- Pumps 1000GPH at 10 ft. lift.

Not Wi-Fi Compatible with PSWIFI.

STOCK NO	EACH
PHCC1000	*248.24*

Pro Series 1850



- Pumps 1850 GPH at a 10' lift.
- Stainless steel shaft, rulon seal, and rustproof housing.
- Run dry without damage.
- USB Data Port

B1000 battery not recommended.

STOCK NO	EACH
PHCC1850	*438.36*

Pro Series 2400



- Controller sounds alarm when pump is clogged or defective
- Fully automatic 13 amp charger; runs pump when AC power is available w/o draining the battery
- Pumps 2400 GPH at 10 ft. lift.

B1000 battery not recommended.

STOCK NO	EACH
PHCC2400	*815.88*

PHCC Pro Series WiFi Module



- Sends emails or text notifications and status alerts to your phone, tablet or computer
- WiFi Module is inexpensive with no required monthly or yearly fees or subscriptions

Use with PHCC1850, PHCC2400, PSC22, PSC33, or DFC2 & VSC2 on page 1709.

DESCRIPTION	STOCK NO	EACH
Wifi module	*PSWIFI*	*116.61*
High water float	*HWF*	*24.35*

See page 1934 for Sump System Cleaner

Glentronics Back-up Combination



Pre-assembled primary pump, back-up pump, controller, battery box & battery fill bottle.

STOCK NO	EACH
S1033 Primary/PHCC-1000 (Not Wi-Fi Compatible)	
PSC11	*590.85*
S1033 Primary/PHCC-1850	
PSC22	*732.53*
S3033 Primary/PHCC-2400	
PSC33	*1179.24*

***Batteries and Battery Acid Sold Separately.**

Standby Batteries


B12-100

- Accommodate fluid sensor for Pro Series sump pumps
- Normally five to seven year life

STOCK NO	EACH
B12100 (Maintenance Free)	*328.81*

Pro Series Water Alarm

NEW ITEM



- Battery will last up to 24-48 months
- Uses 9 volt battery (not included)
- The 110 db alarm will sound when as little as 1/32" of water reaches the sensor

STOCK NO	EACH
PWA2	*18.27*

Sump Foot



- High impact polypropylene with pre-drilled holes.
- Provides solid base for a single pump,
- either backup or primary pump.

STOCK NO	EACH
SF1A	*12.77*

Klunkless Check Valve



- Features a silencing air chamber that absorbs the
- sound that normally occurs after a pump shuts off.
- The valve installs easily on both 1 1/2" and 1 1/4"
- pipes with no gluing required.

STOCK NO	EACH
CCV1	*22.43*

Klunkless Quiet Check Valve



- (2) 1½" rubber unions can be mounted horizontally or vertically
- (4) Stainless-steel hose clamps included
- Flapper opens completely for maximum flow

SIZE	STOCK NO	EACH
1½"	*PSCVKSRRU15*	*25.10*
2"	*PSCVKSRRU20*	*36.33*



Glentronics S3050-NS

Cast iron/stainless steel construction, PSC motor.

NO SWITCH • 115 Volts • 65 GPM @ 10'

DISCHARGE	HP	MAX HEAD	CORD	G/WH	STOCK NO	EACH
2"	1/2	33'	20'	7.6	S3050NS	343.62



Glentronics ST1033-NS

Cast iron industrial grade primary pump, PSC motor.

NO SWITCH • 115 Volts • 46 GPM @ 10'

DISCHARGE	HP	MAX HEAD	CORD	AMPS	STOCK NO	EACH
1½"	1/3	29'	10'	3.8	S1033NS	155.92



Glentronics S3033-NS

Cast iron/aluminum industrial grade primary pump.

NO SWITCH • 115 Volts • 50 GPM @ 10'

DISCHARGE	HP	MAX HEAD	CORD	G/WH	STOCK NO	EACH
1½"	1/3	30'	10'	6.25	S3033NS	264.18



Glentronics E7040-NS & E7105-NS

Cast iron sewage pump.

NO SWITCH • 115 Volts • 10' Cord

DISCHARGE	HP	GPM @ 10'	GPH @ 10'	MAX HEAD	STOCK NO	EACH
2"	4/10	74	4440	22'	E7040NS	306.42
2"	1	100	6000	32'	E7105NS20	557.73



Glentronics E7055-NS

Cast iron sewage pump.

NO SWITCH • 115 Volts • 89 GPM @ 10'

DISCHARGE	HP	RPM	CORD	G/WH	STOCK NO	EACH
2"	1/2	3450	10'	5.3	E7055NS	367.59



Glentronics CIS-33V

Cast Iron Sump/Effluent pump. Energy efficient PSC motor.

Vertical float switch • 115 Volts • 53 GPM @ 10'

DISCHARGE	HP	GPM@10'	CORD	STOCK NO	EACH
1½"	1/3	53	10'	CIS33V	244.22

Pump Alternator Control and Alarm System



- Prolongs pump life by alternating two primary pumps
- Runs both pumps if top float is activated
- If one pump fails the other pump will take over and an audible alarm will sound
- Remote terminal allows the unit to connect to Pro Series WiFi, security system, auto dialer or other device
- Includes two vertical float switches which can be unplugged from the Alternator for easy installation
- Angled receptacles to accept standard or right angled pump plugs
- Built in circuit breakers (15 Amps)
- 9 ft. long power cord and 9V Battery backup with "High Water Alarm"

STOCK NO	EACH
DVSAVS	758.03

Quick Connect Pipe



Pre-Assembled discharge pipe:

- 1½" Rubber coupling
- 1½" Check valve
- Pre-Cemented Female adapter
- Pre-drilled weep hole
- Discharge pipe
- Pre-Cemented Threaded male adapter

STOCK NO	EACH
PSMP	28.20

Dual Float Controllers



STOCK NO	EACH
Standard	
DFC1	65.93
Enhanced	
DFC15	75.27
Deluxe	
DFC2	90.86

Water Sensor

For Deluxe Dual Float Controller DFC2



STOCK NO	EACH
PSWS	25.49

Sensor & Control

Deluxe Controller with Vertical Switch



STOCK NO	EACH
VSC2	117.60

SJE Verticalmaster® Pump Switch

This mechanically-activated pump switch is designed to operate in non-potable water and sewage applications with limited space. It works well in small sump chambers, effluent applications, and laundry trays, and in large tanks.



VOLTAGE	CABLE LENGTH	STOCK NO	EACH
120V	15'	1076765	71.30
230V	15'	1003773	71.37

Topp Sump and Sewage Tanks (51)

toppindustries.com



Evolution E-Series Structural Foam Basins

- 180° flat pockets for positive grommet seal
- Self-tapping hardware, no inserts to corrodeor protect
- No external stacking ribs to interfere if using external filtration
- All covers gas and odor tight with included gasket kit
- Approved for use in radon mitigation applications
- Improved design provides increased structural integrity with less material for improved value and ease of handling
- Accommodates 4" composite inlet hubs

TANK ONLY • Tank Covers Sold Separately

INLET GROMMET	GALLON CAP.	SIZE	STOCK NO	EACH
Basin Only	22	18x22"	E22200	39.22
Basin Only	30	18x30"	E32400	68.20
4"	30	18x30"	E324001	75.87
4" w/Hub	30	18x30"	E324002	77.58
Basin Only	68	24x36"	E53200	213.13
Basin Only	105	30x36"	E64100	324.80

Evolution E-Series Cover Options



DESCRIPTION	STOCK NO.	EACH
18" Solid Foam Cover	EC18EWSF	34.95
18" Simplex w/Gaskets	EC18G2	40.92
18" Simplex w/Flanges	EC18FO1CDS	42.63
18" Foam Radon Cover with 3"Vent & 2" Discharge	EC18FO1EDS	42.63
18" 2-PC Foam Cover	EC18TSFG2	60.53
24" Simplex w/Gaskets	EC24G2	120.20

Ultra-Poly Basin



Unique design gives added support to a shallow clearance, high capacity Poly Basin. Compatible with all our 18" covers. Heavy duty version available.

(4 x 4 & 4 x 3 flexible coupling)

SIZE	STOCK NO	EACH
24" x 24"	B2424	155.16



Filament Wound Basins

SIZE	DESCRIPTION	STOCK NO	EACH
18" x 84"	w/Anti-Float Ring	FB18X084F	624.03
24" x 36"		FB24X036F	495.30
24" x 48"	w/Anti-Float Ring	FB24X048F	584.82
24" x 72"	w/Anti-Float Ring	FB24X072F	739.97
24" x 84"	w/Anti-Float Ring	FB24X084F	837.16
24" x 96"	w/Anti-Float Ring	FB24X096F	945.42
30" x 36"		FB30X036F	689.67
30" x 48"	w/Anti-Float Ring	FB30X048F	775.78
36" x 48"	w/Anti-Float Ring	FB36X048F	962.47
30" x 72"	w/Anti-Float Ring	FB30X072F	1051.99
36" x 72"	w/Anti-Float Ring	FB36X072F	1217.37

Extension

18" x 24"

For use with Filament Wound Tanks

STOCK NO	EACH
FB18X024E	242.96

Fiberglass Extension



DESCRIPTION	STOCK NO.	EACH
12" For 24" ID Fiberglass Basin	FB24X012E	257.46
12" For 30" ID Fiberglass Basin	FB30X012E	367.43
12" For 36" ID Fiberglass Basin	FB36X012E	419.43



Solid Steel Covers

Epoxy coating provides a tough and durable surface.

SIZE	DESCRIPTION	STOCK NO	EACH
18"	14 Gauge 1/4" Solid	C18WSH	101.45
24"	14 Gauge 1/4" Solid	C24WSH	235.29
30"	14 Gauge 1/4" Solid	C30WS	291.56
36"	14 Gauge 1/4" Solid	C36WS	416.87



Simplex Steel Covers

Epoxy coating provides a tough and durable surface.

SIZE	DESCRIPTION	STOCK NO	EACH
18"	1/4" Thick Simplex	C18SSH	104.86
24"	1/4" Thick Simplex	C24SSHO1CDP	254.90



Simplex Steel Cover with Access Plate

The 4-bolt pump access plate offers ease in the basin for pump installation and removal. Blank inspection plate provides quicker access for pump inspection.

SIZE	DESCRIPTION	STOCK NO	EACH
24"	1/4" Thick Simplex w/Access	C24SSAO1CDP	425.40
30"	1/4" Thick Simplex w/Access	C30SSA	482.52



Duplex Steel Covers with Access Plates

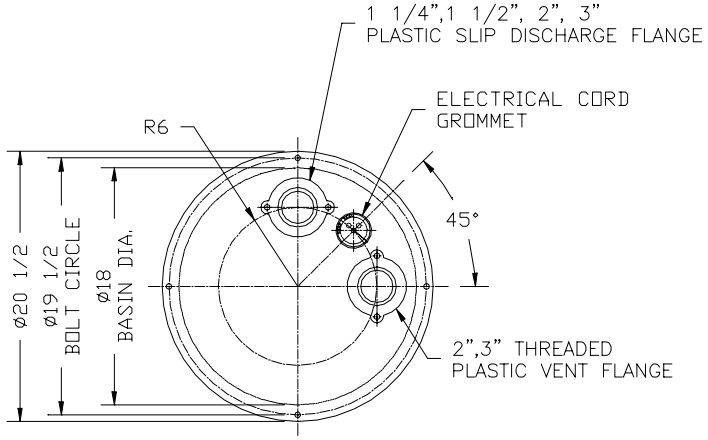
Includes two pump access plates to aid pump installation and removal. Blank inspection plate provides quicker access for pump inspection.

SIZE	DESCRIPTION	STOCK NO	EACH
30"	1/4" Thick Duplex w/Access	C30DSA	542.19
36"	1/4" Thick Duplex w/Access	C36DSA	659.84

Fiberglass Covers

Corrosion resitance and non-skid with access.

SIZE	DESCRIPTION	STOCK NO	EACH
30"	1/2" Duplex w/Access	C30DFAO1CDN	521.73
30"	1/2" Solid Simplex w/Access	C30SFAO1CDN	462.91



Plastic 2-Bolt Pipe Flanges



Corrosion resistant threaded vent & slip discharge flanges.

PIPING SIZE	DESCRIPTION	STOCK NO.	EACH
1¼"	Slip Flange w/O-Ring	PF125S	17.05
1½"	Slip Flange w/O-Ring	PF150S	17.05
2"	Threaded Flange	PF200T	20.46
3"	Threaded Flange	PF300T	21.31
3"	Slip Flange w/O-Ring	PF300S	21.31

Stop "N" Seal Inlet Hub



Pipe seal for 4" piping through a 5" hole.
Your piping will penetrate about 13/4" and stop.

SIZE	STOCK	EACH
4"	H400R	13.64

Rubber Sleeve Full Flow Swing Check Valves



Full flow check valves were engineered to increase performance and for installation ease.

SIZE	STOCK NO	EACH
2"	CV200R	20.46

Cast Iron Caulking Inlet Hubs



SIZE	STOCK NO	EACH
4"	H400C	68.20
4" on 18" Dia. Basin	H401FG18	36.66

Boshart Check Valves

(02)

FRC Standard Sump Check Valve



Full port valve design with flapper that opens 100% and is seated on a 15° angle to reduce water hammer when the pump shuts off.

SIZE	STOCK NO	EACH
1½"	BSC150SB	7.57

(02)

Sump & Sewage Check Valve



Full port valve design with flapper that opens 100% and is seated on a 15° angle to reduce water hammer when the pump shuts off. Also features a blow out proof nylon reinforced gasket design.

SIZE	STOCK NO	EACH
2"	BSC200SB	15.36

(02)

Combination Swing/Check Valve



PVC Slip Union Inlet & Slip Outlet • 150 PSI @ 72°F

SIZE	STOCK NO	EACH
1½"	17SCBV15SU	25.87
2"	17SCBV20SU	39.17

(02)

Swing Check Valve Slip Union Quiet



PVC Slip Union Inlet & Outlet • 150 PSI @ 72°F

SIZE	STOCK NO	EACH
2"	17QSCTU20	34.94

Solvent Weld PVC Check Valve

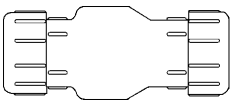


- Full flow design.
- No metallic parts, corrosion resistant.
- Angle seat and weighted flapper design for low pressure seal.
- Ideal for close working areas, easy pipe alignment.
- Designed for both horizontal and vertical usage.

SIZE	STOCK	EACH
2"	CV200TU	66.50

(00b)

Plastic Compression-Type Check Valve



SIZE	STOCK NO	EACH
2"	CV200P	33.28
3 x 3"	3GP	213.13

(00b)

Sump Discharge Kit

DESCRIPTION	STOCK NO.	EACH
24' Tubing	SPDK150M	11.35

Zoeller Granby Check Valves

(51)

PVC Quiet Check Valve



No unions, solvent weld only

SIZE	STOCK NO.	EACH
3" White	ZO300044	82.01

American Granby Check Valves

(02)

SPCV Silent Sump Check Valve



Stainless steel clamps included

SIZE	STOCK NO	EACH
1½"	SPCV150SL	22.61
2"	SPCV200SL	28.78

Alderon Pump Control Alarm Systems

Alderon Standard Sewage Control Panels



- Float Control
- 3 - 20 ft. Control Switches Included
- Pipe Clamp, Stainless Steel

NEMA 4x • Indoor/Outdoor Enclosure

VOLTAGE	STOCK NO	EACH
Single Phase Simplex		
120/230 1-7 Amps	*AL2010533*	*465.94*
120/230 7-15 Amps	*AL2010534*	*465.94*
Single Phase Duplex		
120/230 1-7 Amps	*AL2010536*	*825.67*
120/230 7-15 Amps	*AL2010537*	*825.67*

Altra™ - Control Switch



120/240VAC with 20' cord.

STOCK NO	EACH
AL2001536	*43.86*

BIG SWITCH™ Pump Control



STOCK NO	EACH
120v 15amp with Piggyback Plug	
AL7055	*94.03*
230v with Piggyback Plug	
AL7057	*96.29*

Doublemax™ Pump Control

STOCK NO	EACH
15' Cable, 120v	
AL7633	*145.13*
15' Cable, 230v	
AL7651	*149.05*

Power Post™ Monitoring System



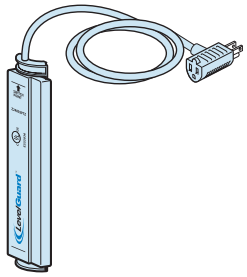
Pump cycle counts, pump amps, elapsed time, total gallons pumped, alarm conditions and more.

- 120VAC Pump
- 20' Alarm float and 20' Filter Switch
- 2½" Riser Connection Kit

STOCK NO	EACH
PPMS14X2	*476.74*

Pump Control Alarm Systems

Model Z24802PTZ LevelGuard Pump Control



- 120v 15amp.
- 8' cord.
- 5 Year Limited Warranty.

STOCK NO	EACH
Z24803PTZ	*137.76*

Indoor Versa'alarm™



Auto Reset, Battery Back-Up and Auxiliary Contacts.

STOCK NO	EACH
Tank Alarm 15' High Lever	
AL7001	*105.99*
Flood Alarm 15' with Waterspotter	
AL7003	*114.45*

Indoor/Outdoor Versa'alarm™

Auto Reset, Battery Back-Up and Auxiliary Contacts.

STOCK NO	EACH
Tank Alarm 15'	
AL7004	*209.57*

Accessories

Expanded Applications

STOCK NO	EACH
Waterspotter Flood Sensor	
AL7008	*35.52*
Waterspotter Probe Pump Sensor	
AL7009	*42.00*

Hytra™ High Temp Pump Switch



NEW ITEM

13 Amps, 16 AWG, Wide Angle, Pump Down, Normally Open, Stainless Steel Pipe Clamp, 120VAC, Piggyback Plug, 20' Cable, Boxed

STOCK NO	EACH
AL2000658	*97.44*

Hytra™ High Temp Control Switch



NEW ITEM

120/240VAC, 5 Amps (standard), Narrow Angle, High Level, Normally Open, Stainless Steel Pipe Clamp, 20' Cable, Boxed

STOCK NO	EACH
AL2000578	*84.98*

Part Number	Description	Versa'larm	Unimax Mech	WaterSpotter	WaterSpotter Probe	Furnace Fail	Auto Dialer
7001	**Tank Alarm** (Versa'larm with Unimax Mech. Control Switch	X	X				
Accessories (Expanded Applications)							
7008	**WaterSpotter** (Flood Sensor)			X			
7009	**WaterSpotter Probe** (Pump Sensor)				X		
7018	**Low Temp Sensor** (Both 7006 & 7019 are Needed)					X	
7006	**Auto Dialer:** 1 Common message used for all sensors						X
7019	**Auto Dialer:** 2 different messages, one for water, one for furnace fail						X

Goldline Drainage Products



4" x 100' Drain Pipe with Sock

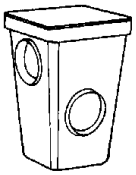
100' coil

STOCK NO	EACH
4X100DRPIWS	88.51

Goldflo® Dual Wall Pipe

- Plain end pipe, smooth interior, corrugated exterior.
- Long term durability.
- Superior flow rates.
- Requires split couplers.

SIZE	STOCK NO	EACH
24"x20'	24X20GFDRPI	698.74



Drainage Boxes

Tough, high-density polyethylene. Watertight, needs no grouting.

STOCK NO	EACH
With 4 holes (2" drop) and lid	
DB042	34.40

4-Hole Drop Box

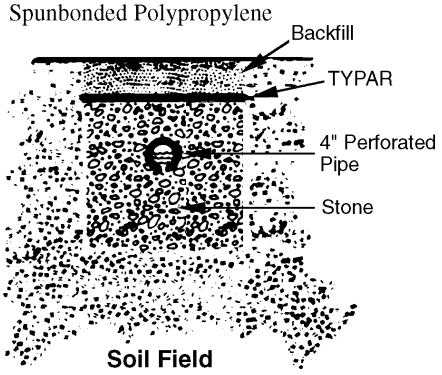
STOCK NO	EACH
DB042PERF	32.00
DB042IP4	34.40

Typar Fabric

srwproducts.com

Conventional Systems

Seepage Bed with TYPAR Spunbonded Polypropylene



Reemay Typar Geotextile Fabric

- Protective cover for the top of the septic field.
- Allows passage of air and water.
- Prevents contamination and clogging of field by surrounding soil.
- Does not deteriorate.
- Enhances performance life of septic fields.
- More pervious than natural soil of field.
- Rot, insect, mildew and chemical resistant.
- Dimensionally stable, wet or dry.
- Helps minimize field maintenance.
- Tough, resists damage during construction.
- Cuts easily with a knife.

SIZE	STOCK NO	EACH
36"x300'	36X300TY	91.50
72"x300'	72X300TY	183.01
144"x300'	144X300TY	373.04

(02)

Schedule 40 Insulated PVC Pipe

SIZE	STOCK NO	EACH FT
2"	2X10INSPV	19.51
4"	4X10INSPV	27.46

Sanivite Commercial and Residential Drain Pump



Used to pump gray water away from a variety of fixtures in commercial and residential applications.
Small enough to fit inside a kitchen cabinet with the capability to handle hot water and grease buildup.

- Discharges through 1" or 1½" rigid pipe; A non-return valve is included.
- Discharges the waste up to 16 feet vertical and/or 150 feet horizontal.
- 1½" vent connection on top of the lid.
- Two 2" inlets with built-in check valves on either side of the housing and one 1½"inlet on top of the enclosure.

1" HP Motor, 120V-60Hz / 9 Amps, 42½" Power Cord

SIZE HxWxD	1" DISCHARGE RATE AT 16 FEET	1" DISCHARGE RATE AT 3 FEET	CAPACITY	STOCK NO	EACH
11" x 14½" x 7½"	*18 GPM*	*29 GPM*	*3.7 gal.*	*SANIVITE*	*452.19*

Saniswift Residential Drain Pump



Used to pump gray water away from a variety of fixtures in residential applications.
Powerful and economical with a compact design and multiple inlets.

- Discharges through 1" or 1½" rigid pipe; A non-return valve is included.
- Discharges the waste up to 14 feet vertical and/or 140 feet horizontal.
- 1½" vent connection on top of the lid.
- Two 1½" inlets with built-in check valves on either side of the housing and one 1½"inlet on top of the enclosure.

1" HP Motor, 120V-60Hz / 9 Amps, 42½" Power Cord

SIZE HxWxD	1" DISCHARGE RATE AT 16 FEET	1" DISCHARGE RATE AT 3 FEET	CAPACITY	STOCK NO	EACH
8¾" x 9" x 10¼"	*18 GPM*	*24 GPM*	*2.75 gal.*	*SANISWIFT*	*294.17*



Style 38 Dresser Coupling

With Armored Gasket

PIPE SIZE	PIPE O.D.	LGTH	STOCK NO	EACH
For Steel Pipe				
2½	2.875	9½"	21238C	193.89
3*	3.500	8"	338C	198.03
4*	4.500	8"	438C	211.19
5	5.563	8"	538C	326.64
*** Stab Couplings**				

Galvanized Male Adapter

SIZE	STOCK NO	EACH
1"	1GA65MA	46.01



Style 65 Dresser Coupling

PIPE SIZE	STOCK NO	EACH
Galvanized - Regular Pattern		
½"	12GA65	30.58
¾"	34GA65	35.75
1"	1GA65	48.25
1¼"	114GA65	53.37
2"	2GA65	73.00
Galvanized - Long Pattern		
½"	12GA65L	28.50
¾"	34GA65L	31.37
1"	1GA65L	37.86
1¼"	114GA65L	52.09
1½"	112GA65L	60.86
2"	2GA65L	78.66

See page 1309 for Stainless Steel Watermain Repair Clamps



Style 90 Dresser Coupling

PIPE SIZE	FITS O.D. PIPE SIZE	STOCK NO	EACH
5" Barrel			
1"	1.315"	190C	57.88
2"	2.375"	290C	91.61

AY McDonald Water Service Products (37)

aymcdonald.com



Elbow

Copper Flared x Copper Flared

SIZE	STOCK NO	EACH
¾"	34AY4761	42.10
1"	1AY4761	70.07
2"	2AY4761	406.81



Elbow

Copper Flared x MIP

SIZE	STOCK NO	EACH
¾"	34AY4779M	33.49
1"	1AY4779M	55.54



Tee

All Copper Flared Connections

SIZE	STOCK NO	EACH
¾"	34AY4760	74.13
1"	1AY4760	124.37
1½"	112AY4760	324.88



Tee

McQuik Compression x McQuik Compression

SIZE	STOCK NO	EACH
¾"	34AY4760Q	103.63
1"	1AY4760Q	110.80
1x¾"	1X34AY4760Q	113.81



Flared Nut

No Gasket

SIZE	STOCK NO	EACH
¾"	34AY4700	8.69
1"	1AY4700	14.39



Flared Reducing Nut

Flare x Female Flare Thread

SIZE	STOCK NO	EACH
¾ x 1"	34X1AY4755	46.86
1 x ¾"	1X34AY4755	47.34



Tube Liners

SIZE	STOCK NO	EACH
¾"	34IPSLINER	3.77
¾"	34CTSLINER	3.34
1"	1CTSLINER	3.55
1¼"	114CTSLINER	4.35
1½"	112CTSLINER	4.88
2"	2CTSLINER	4.88



Adapter

Copper Flared x MIP

SIZE	STOCK NO	EACH
¾"	34AY4753	31.25
1"	1AY4753	44.63
1¼"	114AY4753	88.97
1½"	112AY4753	137.64
2"	2AY4753	252.65



Adapter

Copper Flared x FIP

SIZE	STOCK NO	EACH
¾"	34AY4754	30.88
1"	1AY4754	47.25
11⁄4"	114AY4754	88.84
1½"	112AY4754	126.74
2"	2AY4754	238.68



Adapter

McQuik Compression x MIP

SIZE	STOCK NO	EACH
¾"	34AY4753Q	35.16
1"	1AY4753Q	41.65
1¼"	114AY4753Q	79.59
1½"	112AY4753Q	114.03
2"	2AY4753Q	166.15



Adapter

McQuik Compression x Female

SIZE	STOCK NO	EACH
¾"	34AY4754Q	36.97
1"	1AY4754Q	50.15
1¼"	114AY4754Q	91.57
1½"	112AY4754Q	145.89
2"	2AY4754Q	173.65



IPS Adapter

3Q McQuik Compression x MIP

SIZE	STOCK NO	EACH
1"	1AY47533Q	67.63



IPS Adapter

3Q McQuik Compression x FIP

SIZE	STOCK NO	EACH
1"	1AY47543Q	58.21



IPS Adapter

CTS Polyethylene "-22" Mac-Pak Compression x MIP

SIZE	STOCK NO	EACH
1¼" x 1"	114X1AY7475322	74.20



IPS Adapter

"-3Q" McQuik Compression x MIP

SIZE	STOCK NO	EACH
1"	1AY7475333	67.63



Coupling, 2 Part

Female Flare Thread x Flare Nut

SIZE	STOCK NO	EACH
¾"	34AY4756	34.77
1"	1AY4756	53.85
1½"	112AY4756	129.82



3 Part Coupling

Copper Flared x Copper Flared

SIZE	STOCK NO	EACH
¾"	34AY4758	39.46
1"	1AY4758	69.15
1¼"	114AY4758	141.85
1½"	112AY4758	207.52
2"	2AY4758	338.62



(36)

Q22 Ford Flare Coupling

Flare x X-Strong Lead Compression

SIZE	STOCK NO	EACH
⅝"	58LX1FCO	72.27
¾"	34LX1FCO	111.16



3 Part Coupling

Coupling 22 CTS x 33 PEP

SIZE	STOCK NO	EACH
1"	1AY747582233	77.27



3 Part Union

Coupling 33 PEP x 33 PEP

SIZE	STOCK NO	EACH
1"	1AY7475833	106.81



3 Part Union

Coupling Q CTS x Q CTS

SIZE	STOCK NO	EACH
¾"	34AY4758Q	42.79
1"	1AY4758Q	48.96
1¼"	114AY4758Q	84.52
1½"	112AY4758Q	163.81
2"	2AY4758Q	221.21



3 Part Union

Coupling 3Q PEP x 3Q PEP

SIZE	STOCK NO	EACH
1"	1AY47583Q	106.81



Flaring/Rounding Tool

NOM PIPE	STOCK NO	EACH
¾"	34AY4774FR	105.14
1"	1AY4774FR	121.92
1¼"	114AY4774FR	149.20
1½"	112AY4774FR	172.30
2"	2AY4774FR	201.72



Corporation Stop
A.W.W.A. x Copper Flared

SIZE	STOCK NO	EACH
¾"	34AY4701B	110.03
1"	1AY4701B	141.19
1½"	112AY4701B	334.29
2"	2AY4701B	583.93



Curb Stop
Oriseal
Copper Flared x Copper Flared

SIZE	STOCK NO	EACH
¾"	34AY6104	171.58
1"	1AY6104	231.55
1¼"	114AY6104	386.35
1½"	112AY6104	544.08
2"	2AY6104	880.24

Miscellaneous Valves
aymcdonald.com



(02)
Meter Valve
No. 578-17
FL x FIP

SIZE	STOCK NO	EACH
¾"	34MEVA	44.02

(02)
Meter Plug Valve
No. 4602
With lockwings/Flare inlet

SIZE	STOCK NO	EACH
1 x ¾"	1X34MEVA	97.22



Curb Stop
Oriseal
F.I.P. x F.I.P.

SIZE	STOCK NO	EACH
¾"	34AY6105	134.96
1"	1AY6105	201.74
1¼"	114AY6105	322.00
1½"	112AY6105	400.27
2"	2AY6105	577.89

Curb Stop and Drain
Oriseal (Looks like 10287)
F.I.P. x F.I.P.

SIZE	STOCK NO	EACH
¾"	34AY6005	166.04
1"	1AY6005	233.00
1¼"	114AY6005	415.76
2"	2AY6005	672.09

Ranger Fittings



Male Adapter
Ranger x MNPT

SIZE	STOCK NO	EACH
¾"	AY747531134	58.25
1"	AY74753111	90.77



Female Adapter
Ranger x FNPT

SIZE	STOCK NO	EACH
¾"	AY747541134	57.89
1"	AY74754111	89.42



Coupling
Ranger x Ranger

SIZE	STOCK NO	EACH
¾"	AY747581134	85.83
¾" x 1"	AY7475811134	115.10
1"	AY74758111	142.44

A.W.W.A. Gate Valves



Gate Valves
- Resilient Seat Gate Valves
- Iron body with modified wedge disc
- NRS Type
- 200 PSI working pressure
- 400 PSI Test Pressure
- M.J. Ends

SIZE	STOCK NO	EACH
4"	4MJGAVA	1157.74
6"	6MJGAVA	1476.68



Gate Valves
- Resilient Seat Gate Valves
- Iron body with modified wedge disc
- NRS Type
- 200 PSI working pressure
- 400 PSI Test Pressure
- Flange Ends

SIZE	STOCK NO	EACH
3"	3FLGAVA	1026.54
4"	4FLGAVA	1147.12
6"	6FLGAVA	1533.46

Gate Valves
NOW AWWA Approved
- Resilient Super Seal
- O.S.&Y. valves with FLxFL ends
- 200 psi working pressure
- 400 psi test pressure
- Required by St. Paul in meter installations

SIZE	STOCK NO	EACH
4"	4FLOSYGAVA	1129.51
6"	6FLOSYGAVA	1645.36



Lever & Weight Check Valve
- Bronze Mounted
- Iron body
- stainless steel, hinge pin
- 175 Lbs. W.W.P.
- Flange Ends

SIZE	STOCK NO	EACH
4"	4FLLEWE	1368.22
6"	6FLLEWE	1877.95



(37)

Extension Service Boxes

Minneapolis Pattern

SIZE	TAPPED	CURB STOP	STOCK NO	EACH
1¼ x 7½'	2"	¾ – 1"	AY5615712	110.96

Note: Any bushings required are extra cost:
- **¾" & 1" stop requires 2x1½" bushing**
- **1½" stop requires 3½"x3" bushing.**

Standing Rod

Optional for above boxes

STOCK NO	EACH
AY566072	33.32



(37)

Penagon Key

STOCK NO	EACH
AY304K	12.76



(37)

Curb Box Key

SIZE	STOCK NO	EACH
3'	AY304B3	66.18



(37)

Shut-off Rod

SIZE	STOCK NO	EACH
6'	AY3056	101.87
8'	AY3058	108.40



(37)

Threaded Lid for Curb Box

SIZE	STOCK NO	EACH
1¼"	114AY5614L	27.23
2"	AY5624L2	40.63

Minneapolis Pattern Service Base

(36)

Heavy Duty Repair Tops

SIZE	STOCK NO	EACH
2"	WRT200	35.13

badgermeter.com



Recordall Disc Meters

LEAD FREE

NSF/ANSI Standards 61 and 372 Certified

MODEL	SIZE	GPM	STOCK NO	EACH
M25	5/8 x 3/4"	.125-25	M2558X34	188.76
M35	3/4 x 7 1/2"	.875-25	M3534X712	261.36
M35	3/4 x 9"	.875-35	M3534X9	274.07
M70	1"x10 3/4"	.5-70	M701	504.57
M120	1 1/2"	1.25-120	M120112	1041.81
M170	2"	1.50-170	M1702	1513.38

Meter Tailpieces

aymcdonald.com

(37)

Meter Flange Kit



Includes:

- (2) each of Flanges
- Gaskets
- 4 Nuts & Bolts

SIZE	STOCK NO	EACH
1 1/2"	7610FKIT112	225.69
2"	7610FKIT2	287.82

(37)

Bronze Meter Coupling



With Wire Hole & Gasket Kit

SIZE	FOR USE WITH	STOCK NO	EACH
1/2"	M25	74620Z12	9.02
3/4"	M25/35	74620Z34	11.60
1"	M70	74620Z1	17.33

FOR USE WITH	
SIZE	MODEL
1/2"	M25
3/4"	M25/35
1"	M70
1-1/2"	M120
2"	M170

Hose with Poly-Lift Line



- Great for plugs up to 15"
- 3/16" ID hose
- Threaded connection fittings

SIZE	STOCK NO	EACH
30'	CH261106	204.43

Poly-Lift Line and Gauge



- Greater lifting strength
- Recommended for plugs 6" to 48"
- Retard gauge helps prevent peg-out damage
- Heavy-duty rubber gauge
- 3/8" geavy-duty ID hose, quick inflation/deflation
- Quick-dump valve for easy deflation

SIZE	STOCK NO	EACH
30'	CH383308	432.56

Deflection Gauge Fixed SDR 35.5%



- Durable, zinc-plated construction
- Conforms to mandrel sizing specification (blade length = or > nominal pipe size)
- Nine-arm design ensures testing accuracy
- Open design allows debris pass-through

SIZE	STOCK NO	EACH
6"	CH286068	291.38
8"	CH286078	379.31
10"	CH286088	446.25
12"	CH286098	446.25

Manhole Cover Hook

With 90° Handle



SIZE	STOCK NO	EACH
36"	CH015438	89.48

Air-Loc Plug (Front)



- Mechanical bonding of natural rubber & end plates eliminates failures of chemical bonding
- Improved performance and safety
- Superior back pressure (15 psi, 1 bar)
- Premium performance and aesthetics
- Lightweight, short and flexible

PIPE SIZE	STOCK NO	EACH
6-12"	CH317128	887.78

I-Series Test-Ball Plug



- Mechanical bonding of natural rubber & end plates eliminates failures of chemical bonding
- Improved performance and safety
- Superior back pressure (15 psi, 1 bar)
- Premium performance and aesthetics
- Lightweight, short and flexible

PIPE SIZE	STOCK NO	EACH
6-12"	CH310128	770.43

Underground Muni-Ball Plugs



- Works in all types of pipe
- Natural rubber seals the roughest of surfaces
- 8", 10" and 12" plugs include two-port plug for easy use in sewer air tests
- Threaded aluminum bypass

SIZE	BYPASS	STOCK NO	EACH
2"	1/8"	CH262010	213.14
3"	1/2"	CH262258	230.33
4"	3/4"	CH262048	230.33
6"	1 1/2"	CH262064	271.66
8"	3"	CH262080	331.95
10"	3"	CH262110	438.48
12"	3"	CH262129	616.04

Underground Test-Ball Plugs



- Natural rubber for superb expansion & memory
- Seals both round and out-of-round pipe
- Removable inflation valve can be replaced with quick disconnect or if it is damaged
- Features an eye-bolt for use with a poly-lift line
- Block flow or back plug for sewer air testing

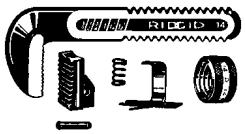
PIPE SIZE	STOCK NO	EACH
8"	CH041386	250.12
10"	CH041394	406.06
12"	CH041408	511.05

Inside of Pipe Gripper Plugs



- Rated for 17 PSI or 40 ft. of head pressure
- Extra large zinc wing nut
- Natural rubber O-ring
- ABS glass-reinforced plates
- Zinc-Plated carriage bolt

PIPE SIZE	STOCK NO	EACH
4"	CH270296	11.99
6"	CH270253	32.44
8"	CH270288	61.72



(21)

Repairs for Heavy Duty and Aluminum Pipe Wrenches

SIZE	STOCK NO	EACH
Hook Jaw		
10"	10RIHOJA	32.90
14"	14RIHOJA	44.00
18"	18RIHOJA	61.48
24"	24RIHOJA	98.32
36"	36RIHOJA	200.70
48"	48RIHOJA	313.66
Heel Jaw and Pin		
12"-14"	12RIHEJP	24.30
18"	18RIHEJP	31.92
24"	24RIHEJP	47.90
36"	36RIHEJP	81.50
48"	48RIHEJP	127.68
Wrench Nut		
10"	10RINU	8.00
14"	14RINU	10.28
18"	18RINU	15.46



Aluminum RapidGrip® Pipe Wrench

SIZE	STOCK NO	EACH
18"	18ALRGWR	216.89



Aluminum End Pipe Wrench

SIZE	STOCK NO	EACH
14"	E914ALPIWR	101.52
18"	E918ALPIWR	127.13



General Purpose Locking Steel Tapes

Model No. 636 & 671

SIZE	STOCK NO	EACH
¾ x 16'	636RITA	40.90
1" x 25'	671RITA	48.82



1619F - Fiberglass Folding Ruler

6' inside flat reading.

MFG. NUMBER	STOCK NO	EACH
73370	RI1619F	27.90



Heavy-Duty Straight Pipe Wrenches

SIZE	STOCK NO	EACH
8"	8PIWR	41.46
10"	10PIWR	44.43
12"	12PIWR	48.04
14"	14PIWR	53.29
18"	18PIWR	76.85
24"	24PIWR	113.36
36"	36PIWR	270.51



Aluminum Handle Straight Pipe Wrenches

SIZE	STOCK NO	EACH
14"	14ALPIWR	85.11
18"	18ALPIWR	105.59
24"	24ALPIWR	160.38
36"	36ALPIWR	304.09



Ridgid Spud Wrench

12" Spud Wrench features narrow, smooth, toothless jaws ideal for square or rectangular stock and fits into tight places.

SIZE	STOCK NO	EACH
12"	12SPWR	70.57

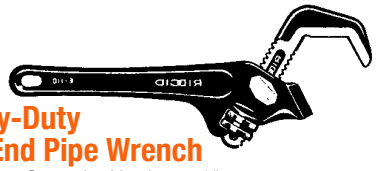


(40)

One Stop Wrenches

Two wrenches in one.
It provides the exact size wrench you need to install angle stops and compression couplings.

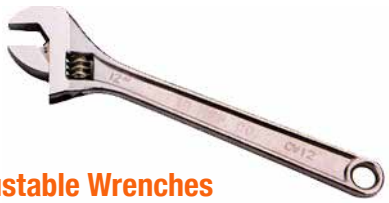
STOCK NO	EACH
RI27023	42.66



Heavy-Duty Hex End Pipe Wrench

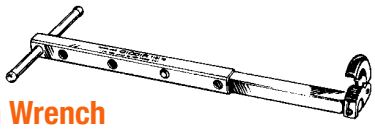
Drain Nut Capacity Up thru 1½"
Max. Jaw Opening 2⅝"Opening

CAPACITY	STOCK NO	EACH
1½ – 2⅝"	E110RIHEWR	58.15



Adjustable Wrenches

SIZE	STOCK NO	EACH
6"	706RIADWR	27.52
8"	708RIADWR	30.71
10"	710RIADWR	37.05
15"	715RIADWR	73.84
18"	718RIADWR	117.65



Basin Wrench

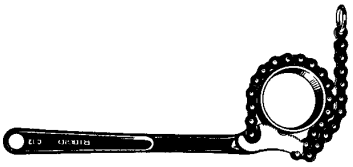
NUT CAPACITY	ADJUSTMENT	STOCK NO	EACH
⅜" – 1¼"	10 – 17"	1017RIBAWR	56.51



Strap Wrench

For use on polished pipe and tubing.

CAPACITY	STOCK NO	EACH
⅛-2"	2RISTWR	53.71
1 - 5"	5RISTWR	103.28



Chain Wrench

SIZE	STOCK NO	EACH
Light		
2"	C12RICHWR	103.28
Heavy		
2½"	C18RICHWR	157.72
3"	C24RICHWR	194.52



Ridgid Plastic Basin Nut Wrench

STOCK NO	EACH
PLBANUWR	41.01



Tubing Cutters

Reamer built inside grip knob.

O.D. CAPACITY	STOCK NO	EACH
1/8 – 1"	10TUCU	42.78
3/16 – 1 1/8"	15TUCU	48.63
5/8 – 2 1/8"	20TUCU	96.27



Tubing Cutters

Fold-out reamer.

O.D. CAPACITY	STOCK NO	EACH
1/8 – 1 1/8"	150TUCU	43.38



Ridgid Tubing Cutters

SIZE	STOCK NO	EACH
1/4 - 1 5/8"	151TUCU	70.83



Mini Tubing Cutters

For use in tight places, require minimal swing around the tubing.

O.D. CAPACITY	STOCK NO	EACH
3/16 – 15/16"	104TUCU	23.42
1/4 – 1 1/8"	101TUCU	31.83
3/16 - 15/16" Autofeed®	117TUCU	30.46
1/4 - 1 1/8" Autofeed®	118TUCU	41.08



REED Tubing Cutter

Pencil reamer..

O.D. CAPACITY	STOCK NO	EACH
1/4 – 1 3/8"	TC14TUCU	51.53



REED Quick Release™ Tubing Cutters

Cut copper, aluminum, steel, and stainless steel tubing.

O.D. CAPACITY	STOCK NO	EACH
1/4 – 2 5/8"	TC2QTUCU	135.94
3/8 – 3 1/2"	TC3QTUCU	169.50
1 7/8 – 4 1/2"	TC4QTUCU	197.26



REED Plastic Pipe Cutters

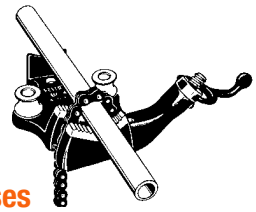
SIZE	STOCK NO	EACH
1/8 – 1 5/16"	TC1QP	78.39
1/4 – 2 5/8"	TC2QP	120.13
3/8 – 3 1/2"	TC3QP	147.68
1 7/8 – 4 1/2"	TC4QP	173.75



Press Snap Soil Pipe Cutter

For No-Hub & Service Weight.
Compatible with all RIDGID Standard Press tools.

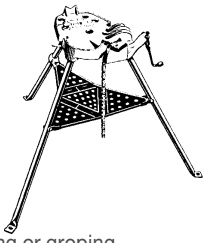
O.D. CAPACITY	STOCK NO	EACH
1 1/2 – 4"	PP34403	808.09



Top-Screw Bench Chain Vises

- Chain tightens by handy top crank handle that's anchored to base.
- Jaws of tool steel hardened for long wear.
- Handy pipe rest and bender.

CAPACITY	STOCK NO	EACH
1/8 – 2 1/2"	BC210RIVI	206.02
1/8 – 4"	BC410RIVI	326.58



Tri-stand Top-Screw Chain Vise

No more stooping, bending or groping.
Large, easy-to-operate crank handle that tightens chain is right on top for fast, sure adjustment.
Alloy steel jaws hardened for firm grip and long wear.
Large vise base overhangs front legs for clear tool swing; has rear pipe rest, tool hanger slots, 3 pipe benders, and ceiling brace screw.
Integral folding legs and tool tray lock open for sturdy work bench, close for easy carrying.

CAPACITY	STOCK NO	EACH
1/8 – 6"	460RIVI	577.68



PTC-400 Power Tubing Cutter

Portable and durable tubing cutter for stainless steel, carbon steel, copper, aluminum, and plastic.

CAPACITY	STOCK NO	EACH
1/2 – 4"	RI66138	2387.40



Pro Arc Aluminum Hack Saw

Includes 12" Blade.

STOCK NO	EACH
212AIHASA	28.59

For Additional Saws refer to page 1911



Blade Style Plastic Pipe and Tubing Cutter

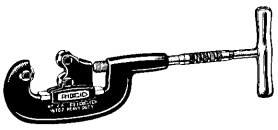
CAPACITY	STOCK NO	EACH
1/8 – 1 1/2"	RC1625RITUCU	123.02



Plastic Tubing Cutters

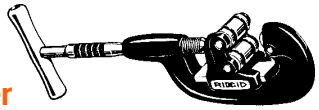
No. PC1375.

O.D. CAPACITY	STOCK NO	EACH
1/8 – 1 3/8"	PC1375RITUCU	69.32



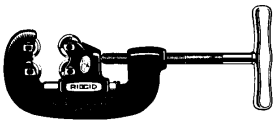
Heavy Duty Pipe Cutter

CAPACITY	STOCK NO	EACH
1/8 – 2"	2ARIPICU	236.77



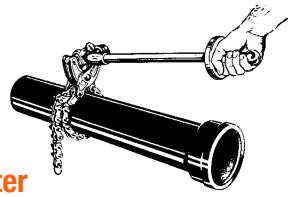
Wide-roll Pipe Cutter

CAPACITY	STOCK NO	EACH
1/8 – 2"	202RIPICU	291.29



4-Wheel Pipe Cutter

CAPACITY	STOCK NO	EACH
3/4 – 2"	42ARIPICU	273.02



Soil Pipe Cutter

CAPACITY	STOCK NO	EACH
2 – 6"	246RISOPICU	1004.59



Ridgid 226 In-Place Soil Pipe Cutter

STOCK NO	EACH
226SOPICU	917.98



Pipe Shooter Inside Cutter

For PVC and ABS pipe, sizes above 1 1/2"
Special steel cutting blade

STOCK NO	EACH
PS100	8.21
Cutting blade	
PS102	1.65

reedmfgco.com



REED Cutter Wheels

MODEL NO.	STOCK NO	EACH
75046	75046CUWH	10.91
R2155	R2155CUWH	18.63
R5272	R5272CUWH	17.09
2RBHD	2RBHDCUWH	20.95
R4546	R4546CUWH	11.96
HX2½	HX212CUWH	39.84
345T	345TCUWH	9.93
2RBS	2RBSCUWH	16.02
30-40P	3040PCUWH	18.40
75015	75015CUWH	8.69
HS2½	HS212CUWH	21.84
HS4	HS4CUWH	32.36
0	0CUWH	10.35
OP-2	OP2CUWH	20.56
73505	73505CUWH	11.03

0CUWH works with Hilmor Tubbing Cutters page 1905

REMS Roto-Cut Cutting Wheel

MODEL	STOCK NO	EACH
7599	RE7599	4.90

ridgid.com



RIDGID Replacement Blade

MODEL NO.	STOCK NO	EACH
E-2191	E2191CUWH	14.89
138	138CUBL	109.38



RIDGID Replacement Blade

MODEL NO.	STOCK NO	EACH
E-1032	E1032CUWH	30.96
F-3S	F3SCUWH	18.19
F-229	F229CUWH	27.60

Reed Cutter Wheel Application Chart

Reed Cutter Wheel No	Application
0	Copper, Aluminum, Brass, Steel Tubing
OP2	ABS, PE, PB, PP
1-2PVC	PVC
2RB-HD	HD for Steel
2RBS	Steel, Stainless Steel
3-6PVC	PVC
3-6TW	Thin Wall PVC, ABS, PE
30-40	Copper, Aluminum, Brass, Steel Tubing
30-40P	ABS, PE, PB, PP
345T	Copper, Aluminum, Brass
32633	Copper, Aluminum, Brass
6QP	Thick Wall PE
75015	Copper, Aluminum, Brass
75046	Copper, Aluminum, Brass, Steel Tubing, Stainless Steel
HX2-1/2	Extra Strong Steel Pipe
R367	Steel, Ductile Iron
R2155	PE, PB, PP, Std. and Heavy Wall
R2990	Copper, Aluminum, Steel Tubing
R4546	Steel Tubing
R5272	PVC, ABS, Standard Wall

Reed Cutter Wheel Cross Reference Chart

ARMSTRONG	REED CUTTER WHEEL
1T	2RBS
2T	2RBS
2TA	2RB-HD

CHICAGO SPECIALTY	REED CUTTER WHEEL
3720	30-40
3720-092	30-40

ERIE	REED CUTTER WHEEL
2PC	2RBS
2PCM	2RB-HD
3T	0
4T	0

IMPERIAL EASTMAN	REED CUTTER WHEEL
127	32633
227	32633
174	0, 75015, 75046
274	75015, 75046
206	0, OP2
312	0, 75015, 75046
374	0, 75015, 75046
32633	32633
75015	75015
75046	75046
NYE	
2NP	2RB-HD
4TC	0

OSTER	REED CUTTER WHEEL
502	2RBS

REED	REED CUTTER WHEEL
2-1	2RBS, 2RB-HD
2-3	2RBS, 2RB-HD
2-4	2RBS, 2RB-HD
2-4WG	2RBS, 2RB-HD
2-1Q	2RBS, 2RB-HD
2-3Q	2RBS, 2RB-HD
H2-1/2	HX2-1/2
MC-1	32633
MC-2	345T
TC1	0
TC1Q	0, OP2
TC2	0
TC2Q	0, OP2
TC2Q-P	0, OP2
TC3Q	30-40, 30-40P
TC3Q-P	30-40, 30-40P
TC4Q	30-40, 30-40P, 4-8W
TC4Q-P	30-40, 30-40P, 4-8W
TC6Q	30-40, 3-6PVC, 4-8W
TC6Q-P	30-40, 3-6PVC, 4-8W
TC11	75015, 75046
TC15	0, OP2

RIDGID	REED CUTTER WHEEL
10	0
15	0, OP2
20	0, OP2
30	30-40, 30-40P
30P	30-40, 30-40P
40	30-40, 30-40P
40P	30-40, 30-40P
315	R299O
103	345T
104	345T
105	345T, R2155, R4546, R5272
205	345T, R2155, R4546, R5272
106	30-40, 30-40P, 1-2PVC
108	30-40, 30-40P, 1-2PVC
109	30-40, 30-40P, 1-2PVC
131	345T, R2155, R4546, R5272
131P	345T, R2155, R4546, R5272
132	345T, R2155, R4546, R5272
132P	345T, R2155, R4546, R5272
133	30-40, 30-40P, 3-6PVC
133P	30-40, 30-40P, 3-6PVC
134	30-40, 30-40P, 3-6PVC
135P	30-40, 30-40P, 3-6PVC
136	30-40, 30-40P, 3-6PVC,80P, 4-8W
136P	30-40, 30-40P, 3-6PVC,80P, 4-8W
1A	2RBS, 2RB-HD
2A	2RBS, 2RB-HD
42A	2RBS, 2RB-HD
202	2RBS, 2RB-HD
6S	R367
208	R367
209	R367
300	HX2-1/2
535	HX2-1/2
802	HX2-1/2
E1032	HX2-1/2
E1032S	HX2-1/2
E1240	0
E2155	R2155
E2156	30-40P
E2157	6QP
E2191	30-40
E2558	30-40
E2990	R2990
E3469	345T
E4546	R4546
E5272	R5272
E5299	3-6PVC
E10279	3-6TW
F3	2RB-HD
F3S	2RB-HD
F158	0
F367	R367
E3675	R367
F514	2RBS

CPS Products

cpsproducts.com

Wireless Solenoid Valve



The SVW is a compact, battery-operated Wireless Solenoid Valve with IN and OUT ¼" SAE male ports designed to quickly open or close, thereby precisely metering a gas or liquid flowing through connected hoses.

STOCK NO	EACH
CPSSVW	244.11

Static Pressure Meter & Probe Kit



The SPM-K1 is a compact, portable, wireless, dual-port, bluetooth manometer kit. When paired to a smart device running the CPS Link™ app it can measure and record static pressure, pressure differential, indoor/outdoor pressure, system external static pressure, & gas pressure tests in or outside residential or commercial buildings.

STOCK NO	EACH
CPSSPMK1	264.77

Molecular Transformator



Provides valuable assistance in the transformation of high temperature/pressure vapor refrigerant into low temperature/pressure liquid refrigerant, improving recovery speed & efficiency.

STOCK NO	EACH
CPSMT69	315.94

Gear Puller & Pulley Remover



O.D. CAPACITY	STOCK NO	EACH
3" - 4" gripping	CPSBTLGP4	120.00
3" - 7" gripping	CPSBTLGP7	223.97

Leak-Seeker Combustible Gas Leak Detector



- Most Advanced Combustible Gas Leak Detector
- Precision readings with large LCD display
- Detects up to 30 combustible gases

STOCK NO	EACH
CPSLSCG	337.77

Electronic Refrigerant Leak Detector



- Progressive Alarm Mode:
  The alarm pitch and number of lighted LEDs progressively increase as the leak source is approached
- Threshold Alarm Mode:
  Provides a quick go, no/go verifying a leak has been found and approximate size.

STOCK NO	EACH
CPSLS1	636.13
Replacement vapor filter sensing tip	
CPSLS2XVF	26.87
Replacement sensor filters	
CPSLS2XF	12.17
E_MOS technology sensor	
CPSEMOS2	76.24

Wireless Refrigerant Charging Scale



For weighing, charging and recovering refrigerants used in HVAC/R systems. When paired with CPS Link app it can be operated wireless with added functionality including Tank Tracker Refrigerant Management System.

STOCK NO	EACH
CPSCC220EW	580.47

Tool Bags



- Large open mouth design for access & visibility
- 15 external pockets and loops hold a wide variety of tools
- Ergonomic carrying handle with adjustable shoulder strap

TYPE	STOCK NO	EACH
Square	CPSTLBAG1	67.16
Large Rubber Bottom	CPSTLBAG2	104.03

Airflow and Environmental Meter



A small, portable, wireless HVACR smart tool that, when paired with a smartphone or tablet running the latest CPS Link app, can measure, record and email a variety of indoor/outdoor temperature, humidity, airflow or pressure conditions taken at residential or commercial job sites.

STOCK NO	EACH
CPSABM200	199.46
18" to 64" telescopic extension pole	
CPSEXP64	66.24

Air Flow Capture Hood



Use CPSABM200 (not included) meter with a smartphone to display, capture and record real-time airflow readings from air grilles ranging from 12″ to 24″. Includes a Padded Carrying Case.

STOCK NO	EACH
CPSABMHOOD	757.02

Hex Wrenches



- Metric Hex Wrench: 1.5mm thru 8mm
- Imperial Hex Wrench:
  5/64", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"

TYPE	STOCK NO	EACH
Metric (Purple)	CPSTLSWHM	18.42
Imperial (Blue)	CPSTLSWH	18.42

Mini-Split Tool Kit



- Pro-Set® Premium Piston Series Manifold
- 5' Premium Pro-Set® Charging Hoses
- Imperial and Metric Hex Key Sets
- Valve Core Tool
- Brass Adapters and Caps
- Large, 16" Rubber Bottom Tool Organizer
- Imperial/Metric Torque Wrench with Instructions
- Tube Cutter ⅛" to 1¼"
- Tube Flaring Tool
- Deburring Tool with extra blade
- R410A Flare Size Gauge
- BTLDTW digital torque wrench

STOCK NO	EACH
CPSTLB410KIT2	2026.67

CPS Products

cpsproducts.com



BlackMax Tubing Bender

- Seven quick change color coded mandrels for bending for soft copper and aluminum tube
- Make forward or reverse bends, up to 90°
- Graduated forward and reverse 90-degree scale
- Compact, professional, patented design

SIZE	STOCK NO	EACH
1/4" - 7/8"	CPSBTB300	436.97



Digital Torque Wrench

- Ensures OEM torque setting compliance
- Ideal for HVAC mini-split installations
- Jaw opening: 3/16" to 1 7/16" (5 to 35mm)
- Torque settings: Lbf.ft, Lbf.in, N-m, Kgf.m

SIZE	STOCK NO	EACH
3/16" - 1 7/16"	CPSBTLDTW	390.20



AVT48

1/4" SAE M x 1/4" SAE female knurl x 1/2" ACME M

STOCK NO	EACH
CPSAVT48	15.12



Valve Cores

STOCK NO	EACH
CPSAVS1 (Less SAE Brass Cap)	12.40
CPSAVS1V (With SAE Brass Cap)	14.01

1/4" SAE Brass Cap



STOCK NO	EACH
CPSAVC4	14.41



Copper Tube Extension Valves

O.D.	I.D.	STOCK NO	EACH
1/4"	3/16"	CPSAV4	36.00
5/16"	1/4"	CPSAV5	41.43



Adapters

MALE SIZE	FEMALE SIZE	STOCK NO	EACH
1/4" SAE	5/16" SAE	CPSAD87	10.85
1/4" SAE	5/16" SAE (Swivel)	CPSAD87S	13.22
Left hand thread			
1/4" SAE	1/4" SAE	CPSAD44LH	15.02
1/4" SAE	1/4" SAE (Swivel)	CPSAD44LHS	18.55



Microseal Quick Couplers

SIZE (FEMALE X MALE)	STOCK NO	EACH
1/4" (90°) x 1/4" SAE	CPSAB90	28.90
5/16" x 1/4" SAE Straight	CPSAB410A	26.73
5/16" (90°) x 1/4" SAE	CPSAB41090A	28.90



Eccentric Flaring Tool

- Aluminum body is 50% lighter than steel
- Internal clutch indicates formed flare is complete
- Seven quick-change positions for flaring soft copper and aluminum tube
- Eccentric cone forms precise 45° flared ends
- Strong carrying case
- Built in slide gauge for tube height adjustment

O.D. CAPACITY	STOCK NO	EACH
3/16 – 3/4"	CPSBFT850K	476.95



Large Diameter Tubing Cutter

SIZE	STOCK NO	EACH
1/4 - 1 1/4"	CPSBTC400	88.72
1/8 - 1 5/8"	CPSBTC350	82.34



Mini Tubing Cutters

O.D. CAPACITY	STOCK NO	EACH
1/8 – 7/8"	CPSBTC200	44.47
1/8 – 5/8"	CPSBTC100	33.33



PVC Tubing Cutter

- Precision machined rollers feature a cut-off groove to reduce tube loss in damaged flare removal
- Durable metal handle with an industrial-grade rubber boot provides comfortable grip
- Enclosed hardened steel, thrust bearing feed mechanism.

SIZE	STOCK NO	EACH
1 5/8" - 2 5/8"	CPSTCPVC	54.28



Ratcheting Tube Cutter

SIZE	STOCK NO	EACH
1/8" - 7/8"	CPSBTC200R	64.50



Flaring Tool Kit

- BFT850 Flaring Tool
- FTXSG Reversible R410A Flare Size Gauge: Aluminum body, 1/4", 3/8", 1/2", 5/8", 3/4"
- BTLDB3 Premium Tube Cutter
- Flaring Block Packaging: Color Box

STOCK NO	EACH
CPSBFT850K	476.95



Hydraulic Tube Expander Kit

- Premium, compact, cast aluminum hydraulic expander tool
- 5 quick-change, aluminum heads for swaging 3/8", 1/2", 5/8", 3/4", 7/8" O.D. tube
- Includes tube deburr tool and carrying case

STOCK NO	EACH
CPSBTLH5E	846.09



Tech Set 6-in-1 Swaging Punch

STOCK NO	EACH
CPSTLMSP	23.28



Flare Sizing Guage

STOCK NO	EACH
CPSFTXSG	51.70



Deburrers

- Solid aluminum handle
- For soft copper and aluminum tube
- Includes (2) spare blades in handle

STOCK NO	EACH
CPSBTLDB3	23.01



Reamer Tool

- Constructed of rugged die cast metal
- Removes burrs from inside and outside edges
- Ergonomically shaped to fit in your hand

STOCK NO	EACH
CPSTLRM	30.03

CPS Products

cpsproducts.com



Service Wrenches

- Straight Service Wrench makes changing sizes quick and easy. 3/16", 1/4", 3/8", 5/16"
- Offset Service Wrench for maneuvering around cramped spaces. 3/16", 1/4", 3/8", 5/16"
- Hex Key Adapter, it works on 3/16" & 5/16" hex valves

TYPE	STOCK NO	EACH
Straight	*CPSTLSWS*	*31.09*
Offset	*CPSTLSWO*	*31.46*
Hex Key	*CPSTLSWAD*	*26.71*



6 – Sided Fin Comb

STOCK NO	EACH
CPSTLFC6	*17.23*



Valve Core Remover/Installer Tool

- Designed to remove and install valve core without losing system charge
- Increases evacuation and charging speed by creating unrestricted access
- 800PSI working pressure

SIZE	STOCK NO	EACH
1/4" SAE	*CPSTLVC*	*62.25*



Valve Core Remover/Installer Tool

With 1/4" Male Side Port

SIZE	STOCK NO	EACH
5/16" FM x 1/4" SAE Male	*CPSTLVC410A*	*63.15*



Refrigerant Recovery Machine

- Exceptional compressor, condensing and cooling systems allow fast recovery in high-temperature environments
- Thermally protected motor
- Fastest R-410A flow rates in its class
- High-pressure shut-off switch
- Durable inlet and outlet ball valve construction with 1/4 turn gauges
- Easy filter clean/change suction housing

115v • 2/3 HP oil-less reciprocating recovery compressor

STOCK NO	EACH
CPSTRS600	*2279.17*



4-Valve Digital Wireless Manifold Gauge

- Perform and monitor full system measurements
- Fast, convenient touch screen control
- Data logging
- Alternate views for smaller mobile devices
- Color scheme change according to refrigerant
- Real-time information displayed on screen
- Perform multiple system tests
- Pressure hold or vacuum hold tests can be viewed, saved, stored or emailed as a graph
- Supports 105 of the most common refrigerants
- APP updates for new refrigerants
- Change units; (Pressure, Temperature, Vacuum)

STOCK NO	EACH
CPSMD100W	*1420.89*



2-Valve Manifold

- Piston Series
- Workingman Manifold
- 1/4" SAE Fittings
- R-454B, R-32, R-410A
- Gauge Diameter: 3 1/8"

Includes 60" Refrigeration Hoses

STOCK NO	EACH
CPSMT2A7P5E	*417.15*



Refrigeration SAE Hoses with ball valve

- Compatible with CFC, HCFC, HFC refrigerants
- Adjustable valve core depressor
- Extra deep knurling for easy grip
- Nylon permeation barrier

DIAMETER	LENGTH	STOCK NO	EACH
1/4" Set of 3	*60"*	*CPSHS5E*	*192.81*
1/4" Blue	*60"*	*CPSHS5BE*	*65.95*
1/4" Red	*60"*	*CPSHS5RE*	*65.95*
1/4" Yellow	*60"*	*CPSHS5YE*	*65.95*
1/4" Ext. Set of 3	*6"*	*CPSHTE*	*137.31*

PACKAGE	STOCK NO	EACH
Hose 1/4" SAE Neoprene Gaskets		
10 Pack	*CPSHXG*	*10.87*
Hose 1/4" SAE Neoprene Gaskets & Core Depressors		
10 Pack	*CPSHXGD*	*15.73*



Black and Chrome Premium Hoses

Set of three premium chromed ball valve barrier charging hoses

LENGTH	STOCK NO	EACH
60"	*CPSHP5BKEZ3*	*261.23*



BlackMax® Vacuum Pump

- Lightweight & Compact, portable size
- 100 to 240VAC (50/60Hz) universal voltage
- Stores/operates in extreme temperatures
- Auto shut-off solenoid valve
- Analog vacuum gauge
- Large vertical oil sight glass
- 15 Micron ultimate vacuum

1/2 HP • Intake 1/4", 3/8", 1/2" • Oil Cap. 14-15oz

MODEL	STOCK NO	EACH
4 CFM	*CPSVPBM4V*	*1043.99*
6 CFM	*CPSVPBM6V*	*1116.51*
Pro-Set® Premium Vacuum Pump Oil		
1 Pint	*CPSVPOP12*	*130.71*
1 Gallon	*CPSVPOG6*	*348.88*



Jumper Cord Kit

This 220 VAC jumper power cord can be used for locations where 110 voltage is not available.

STOCK NO	EACH
CPSVPXJ220	*80.52*



Wireless Digital Vacuum Gauge

- Large, 5 digit LCD display with low battery indicator
- Easy 2 button control
- Select from 4 different vacuum units
- Atmospheric to 0-micron pressure range
- Auto-Off after 10 minutes of no use
- Operates up to 20 continuous hours on one 9V alkaline battery (included)
- Compatible with all refrigerant gases (including ammonia)
- Field cleanable sensor
- Includes stainless steel T connector, hanger hook, vinyl storage case, and Quick Start Guide

STOCK NO	EACH
CPSVG200W	*460.16*



Piston SeriesVortech Valves

- 1/4" SAE Fittings
- 3/8" SAE Vac Port
- 1% Gauges
- R-454B, R-32, R-410A
- Gauge Diameter: 3 1/8"

Includes 60" Premium BV Black Hose Set

STOCK NO	EACH
CPSMV4A4P5EZ	*696.41*



Vacuum and Charging Hose with ball valve

- 5/16" I.D. heavy-duty hose
- 460 Psi working pressure; 2300 Psi burst
- Nylon permeation resistant barrier
- 3/8" SAE Leak Proof 8 Sided Crimp

LENGTH	STOCK NO	EACH
60"	*CPSHV5E*	*105.16*

STOCK NO	EACH
Hose 3/8" SAE Neoprene Gasket	
CPSHX38G	*37.79*

ProPress Power Tools refer to page 1112
Pex Press Tool page 1215



M18 Fuel Hammer Drill/Impact Kit

Kit Includes:
- 2797-22 ½" Hammer Drill & ¼" Hex Impact
- (2) M18 REDLITHIUM
- XC 4.0 Extended Capacity Batteries
- M18 & M12 Multi-Voltage Charger
- Belt Clip, Side Handle & Carrying Case

5 Year Tool Warranty

STOCK NO	EACH
MIHAMMERDR	*509.31*



REDLITHIUM Batteries

MODEL	STOCK NO	EACH
M12 REDLITHIUM Battery		
48-11-2401	*MIM12BA*	*58.36*
M18 XC Extended Capacity REDLITHIUM Battery		
48-11-1828	*MIM18BA*	*156.86*



NEW ITEM

ONE-KEY APP

M18 FUEL™ RINGER™ Roll Groover with ONE-KEY™

2927-22 & 2928-22 Kit Includes:
- M18 FUEL™ RINGER™ Roll Groover
- (2)M18™ REDLITHIUM™ FORGE™ XC8.0 Batteries
- M18™ & M12™ Rapid Charger

STOCK NO	EACH
2927-22 for 1-1/4" - 4" Sch 10/40, 6" Sch 10	
MIM18SPRINKROGR	*4639.99*
2928-22 for 2" - 6" Sch 10/40	
MIM18PIPEROGR	*5799.99*



M12 Cordless Recip Saw Kit

Kit Includes:
- 2420-21 Recip Saw Kit
- (1) 12v REDLITHIUM Batteries
- Charger & Contractor Bag

5 Year Tool Warranty

STOCK NO	EACH
MIHACKZALL	*200.98*



M18 FUEL™ SAWZALL® Reciprocating Saw Kit

Kit Includes:
- 2720-20 Cordless Sawzall
- M18™ & M12™ Multi-Voltage Charger
- M18™ REDLITHIUM™ XC5.0 Extended Capacity Battery Pack
- Carrying Case
- (1) Blade

5 Year Tool Warranty

STOCK NO	EACH
MIFUELSAWZALL	*429.91*



M18 TRUEVIEW LED Stand Light

- Quick Set up, 7' Max Ext.
- Rotating and pivoting head
- 26" footprint, reinforced legs
- High, Medium, & Low modes
- 850-2,000 Lumes, lasting 4-10 hours with M18 XC 5.0 Pack
- Low battery indicator light

5 Year Tool Warranty

STOCK NO	EACH
MILIGHTSTAND	*296.00*



NEW ITEM

6" Leveling Tripod Chain Vise

- Adjustable Leg for Level Alignments
- Two-Step Deployment Eliminates Setup Hassles
- Folds Flat for Van/Job Box Storage
- STABLE LOK™ Adjusts Tension for Steady Deck
- Multi-Material Vise, Secures Up to 6" Pipe
- Balanced Carry Handle for Transportation
- Adjust Pitch ±3° to Level Materials
- Grounding Tab for Welding Applications
- Removable Foot Grips for Anchoring

Lifetime Limited Warranty

STOCK NO	EACH
MITRIPODVISE	*580.00*



M12 Cordless PVC Shear Kit

Kit Includes:
- 2470-21 PVC Shear Kit
- (1) 12v REDLITHIUM Batteries
- Charger & Carrying Case

5 Year Tool Warranty

STOCK NO	EACH
MIPVCSHEAR	*306.66*



M12 Cordless Copper Tubing Cutter Kit

Kit Includes:
- 2471-21 Copper Tubing Cutter Kit
- (1) 12v REDLITHIUM Batteries
- Charger & Carrying Case
- ⅜"-1" Type L, K & M Copper

5 Year Tool Warranty

STOCK NO	EACH
MICOTUCU	*274.83*
Replacement Cutting Wheel 48-38-0010	
MITUCUWH	*10.66*



(00)

Saw Blades

Compact Band Saw Blades

DESCRIPTION	STOCK NO	EACH
3-Pack	*MICOBSBL*	*18.13*



M18 Jobsite Radio/Charger

Kit Includes:
- M18 Battery Charger
- Bluetooth Stereo Reciever
- Fast charge USB Port
- Reinforced roll cage
- 16" Auxiliary Input Cord
- (2) AAA Batteries
- Weather-Sealed Compartment

1 Year Tool Warranty

STOCK NO	EACH
MIRACH	*323.15*

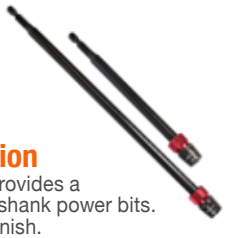


CONNEXT Quick Change Handles

With hollow shaft

Handles accept any ¼" power insert shank including Malco Hollow Head Chuck Drivers, Magnetic Hex Chuck Drivers.

GRIP LENGTH	STOCK NO	EACH
4⅛"	MACONNEXT1	11.99
1⅞"	MACONNEXT2	10.65
4⅛"	MACONNEXT3	14.11



Power Bit Extension

Ball bearing on holder provides a positive lock on ¼" hex shank power bits. Tempered steel. Black finish.

HEX OPENING	O/A LENGTH	STOCK NO	EACH
¼"	6"	MABHE6	20.25
¼"	10	MABHE10	22.38



Magnetic Hex Chuck Drivers

Use with Zip-in and Type "A" hex head self-drilling screws and Bit-Tip drill & tap screws.

HEX OPENING	SHANK DIA	STOCK NO	EACH
¼"	¼"	MAMSH14	5.67
5/16"	¼"	MAMSH516	6.87
⅜"	¼"	MAMSH38	8.73
¼"	¼"	MAMSHL14	8.62
5/16"	¼"	MAMSHL516	9.99
⅜"	¼"	MAMSHL38	11.63
7/16"	¼"	MAMSHL716	13.82
¼"	¼"	MAMSHXL14	17.47
5/16"	¼"	MAMSHXL516	20.51
⅜"	¼"	MAMSHXL38	16.12



Double Ender Polished Drills

TWIST LGTH	STOCK NO	EACH
½"	MADE18	2.94
½"	MADE30	2.94



Hole Saw

For all types of wood

VENT SIZE	STOCK NO	EACH
6¼"	MAHSW97	156.38
Replacement Blades		
6¼"	MARBW97	64.84
Replacement Pilot Bit		
¼"	MAHSRD	34.94

For Additional Drill Bits refer to page 1910



Dual-Sided Hex Chuck Drivers

The dual-sided hex socket fits over a magnet-tipped, ball-detent locking hex shaft and is quickly reversed for changing sizes. Tested torque of the socket and shaft is equal to comparable one-piece single size drivers to ensure optimum screw performance.

SIZE	LENGTH	STOCK NO	EACH
¼" & 5/16"	2"	MAMSHC	7.82
¼" & 5/16"	4"	MAMSHMLC	16.93
¼" & 5/16"	6"	MAMSHXLC	24.46
⅜" & 5/16"	2"	MAMSHC1	9.03



4 in 1 Multi-Socket Driver

Pocket size telescoping hex driver shafts. ¼", 5/16", ⅜", 7/16" hex sizes.

STOCK NO	EACH
MA4IN1	23.13



TurboShear™ Drill Shear

Attaches to 12 volt cordless or A/C electric drill. Requires two hands to operate. Material must be preset in place or held by assistant.

STOCK NO	EACH
MATS1	87.18



TurboShear™ Heavy-Duty

Heavy-duty jaws and gearing are suitable for cutting 18ga. galvanized steel. 20ga. capacity in layered seams. Fits most 14.4v or larger drills.

STOCK NO	EACH
TSHD	160.81



TurboShear™ Double Cut

Attaches to drill and produces clean edge on both sides of cut. Cuts through seams & navigates 90° outside profiles

STOCK NO	EACH
MATSMD	204.27



TurboCrimper Impact

Installs into drill ¼" Chuck. Crimp 30 to 24 guage galvanized round duct. Five times faster than manual crimping.

STOCK NO	EACH
MAC5A2	230.64



Gold Standard Hole Cutter

Quickly installs into chuck of drill as small as ¼". Adjustable fo 2" to 12" diameter holes in up to 20-gauge sheet metal.

STOCK NO	EACH
MAHC1	113.24
Replacement Bit	
MACB	19.16
Replacement Pivot Pin & Nut	
MAHC1B	15.82



Setting Hammer

WEIGHT	STOCK NO	EACH
18 oz.	MASH3	84.62



"Magnetic Tip" Tape Measure

Use it for HVAC ductwork installations, ceiling grid applications, metal stud framing and more. A powerful magnet & self supporting 1" x 25' blade.

SIZE	STOCK NO	EACH
1" x 25'	MAT425M	29.90
1" x 30'	MAT430M	37.40



Torpedo Level

Magnetic

LENGTH	STOCK NO	EACH
9"	MAL9M	32.46



Professional Caulking Gun

Square piston design. Puncture wire folds inside handle.1/10 gal, spouted cartridge. 2" dia., 9"long.

STOCK NO	EACH
MACG20.	61.33



Utility Caulking Gun

1/10 gal, spouted cartridge. 2" dia., 8½"long.

STOCK NO	EACH
MACG10.	8.37

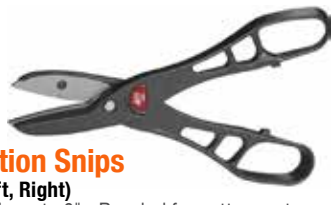


Aluminum Handled Andy Snip

Straight pattern cutting. Metallic gray finish. Long life inlaid steel blades are also replaceable.

Straight Pattern

LENGTH OF CUT	STOCK NO	EACH
3½"	MAM14	57.37



Combination Snips

(Straight, Left, Right)

Cuts circles down to 6" - Beveled for pattern cuts

LENGTH OF CUT	STOCK NO	EACH
3½"	MAMC14	64.31



Ultra Lightweight Combination Snips

10" polymer frame with 3" blades cuts up 26 guage

LENGTH OF CUT	STOCK NO	EACH
3"	MAULC10	49.82



Max2000 Aviation Snips

With Classic Grip handles.

CUT	STOCK NO	EACH
Left	MAMAXCG1	48.23
Right	MAMAXCG2	48.23
Straight	MAMAXCG3	48.23



Max2000 Bulldog Aviation Snips

Designed for bulldog notching and trimming.

STOCK NO	EACH
MAMAXCG5.	50.64



Max2000 Offset Aviation Snips

Cutting plane is offset for superior material flow.

CUT	STOCK NO	EACH
Left cut	MAMAXCG6	58.64
Right cut	MAMAXCG7	58.64



Offset Snips

Drop forged chrome molybdenum alloy steel blades with serrated edges, black oxide blade finish

CUT	STOCK NO	EACH
Right (Green)	9016R	43.66



Mini Aviation Snips

Compact & lightweight snips for challenging spots.

CUT	STOCK NO	EACH
Left cut	MAAVM6EV	23.77
Right cut	MAAVM7EV	23.77



Blade Refill

For Malco utility knife.
5 pack double point blades.

STOCK NO	EACH
MAKBH5	3.90



Replacement Blades

For Malco break-away knife.

STOCK NO	EACH
MABAKRB	9.21



T-Handle Hex Key Set

With vinyl grips, 6" long in reusable vinyl pouch.

8 pieces

LENGTH	STOCK NO	EACH
3/32" — ¼"	MAWT6GS	54.23



PRO-Fit™ Precision Flaring Kit

The kit consists of five bell-shaped, color-coded, size-inscribed flaring bits designed for:
¼", ⅜", ½", ⅝" and ¾"(6, 7.5, 12, 16, 19-mm) tubing

STOCK NO	EACH
RE87001	191.21

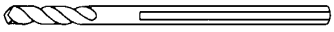


PRO-Fit™ Swaging Kit

The spinning hex swage bit forms a consistent, fast standard 45° flare or swage without splits, burrs, blemishes in copper and aluminum tubing.
Kit consits of 6 Swaging Bits:
¼", ⅜", ½", ⅝", ¾" and ⅞"

STOCK NO	EACH
RE87011	215.46

RECTORSEAL



Pilot Bit

For Arbors Listed above

CHUCK	STOCK NO	EACH
¼"	14PIBI	5.85



Extensions for Self-Feed Bits

1 per vinyl pouch

SIZE	STOCK NO	EACH
12"	12EXT	18.18



(21)

High Speed Jobber's Length Drills

Manufactured to close tolerance
in popular sizes for difficult work.
For use with electric drill, drill press or hand drill.

DIA	LENGTH OVER-ALL	STOCK NO	EACH
5/32"	3⅛"	532DRBI	1.90
3/16"	3½"	316DRBI	2.39
¼"	4"	14DRBI	3.56
5/16"	4½"	516DRBI	5.52
⅜"	5"	38DRBI	8.01
7/16"	5½"	716DRBI	12.47



(21)

Masonary Drill Bits

DIA	LENGTH OVER-ALL	STOCK NO	EACH
3/16"	3½"	316MABI	9.14
¼"	6"	14MABI	7.11
⅜"	6"	38MABI	6.21
½"	6"	12MABI	13.07
¾"	10"	34MABI	44.93

Bi-Metal Utility Bit

SIZE	STOCK NO	EACH
⅞"	LE10949	24.65
1⅛"	LE10951	35.34
1⅜"	LE10953	45.59

Bi-Metal Utility Bit Extension

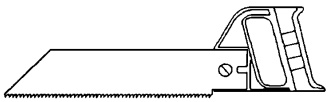
SIZE	STOCK NO	EACH
10"	LE30843	20.93



20992-3636
Tri-Fold Saw

- Lightweight saw locks blade in three convenient positions.
- Blade folds away inside handle when not in use.
- Comes with blade for cutting drywall, wood and non-metallic materials.
- Easily change to other reciprocating blades available for different applications.

STOCK NO	EACH
TRFOSA	32.73



HSF-120
Lenox PVC/ABS Plastic Pipe Hand Saw

12"/300m blade & handle

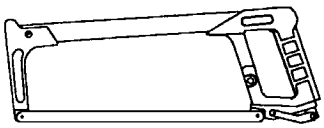
STOCK NO	EACH
HSF120	27.34
12" Replacement Blade	
HSB12	11.76
18" Replacement Blade	
HSB18	15.00

Bandsaw Blade

44⅞" x ½ x .020

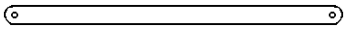
Minimum order quantity is 3

LENGTH	TEETH	STOCK NO	EACH
44⅞"	14x18T	80112BSB	14.31



Lenox Hacksaw Frame

STOCK NO	EACH
4012HAFR	45.27



Hacksaw Blades

High speed, Magna Bi-Metal

LENGTH	TEETH	STOCK NO	EACH
10"	24	024HESABL	2.16
12"	18	218HESABL	2.35
12"	24	224HESABL	2.35



Lenox Gold Locking Tradesman Utility Knife

MODEL	STOCK NO	EACH
10771	LE10771	15.25



Lenox Gold Utility Knife Replacement Blades

50 Pack

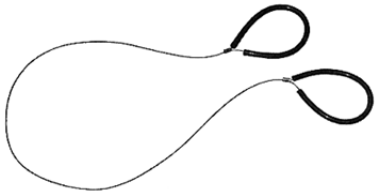
MODEL	STOCK NO	EACH
20351	LE20351	28.39



Sioux Chief "Sawhorse" Multi-Purpose Hand Saw

- High-quality, hardened-steel blade, teeth remain sharp through thousands of cuts.
- Has teeth on the nose for notching in tight areas and starting cuts in floors or walls.
- 12 inches long, 13 teeth per inch.

STOCK NO	EACH
SC30012	18.94
Replacement Blade	
SC30012B	13.88



(40)

Sioux Chief Wire Cable Saw

- For cutting plastic pipe in tight places.
- Disposable good for approx. 40 cuts
- Simply wrap around pipe and alternate pulling from either handle

Allow saw to cool before putting it back inside bag.

STOCK NO	EACH
SC39050105	3.57

Medium Metal Steel Demon Circular Saws



Ideal for Steel Studs, Angle Iron, Flat Bar, Channel, EMT Conduit, & All-thread. Mild Steel Only - ⅛" max wall thickness or 1" max diameter

SIZE	TEETH	ARBOR	STOCK NO	EACH
5⅜"	30 TCG	20mm	D0530FM	34.95
6½"	48 TCG	⅝"	D0648F	41.21
7¼"	48 TCG	⅝"	D0748CFX	42.69

Wood & Metal Circular Saw



Ideal for cutting wood and wood with nails, up to 2-¼" material thickness; and metal ranging from 3/32"-¼" wall thickness and ¼"-1" diameter

SIZE	TEETH	ARBOR	STOCK NO	EACH
6½"	32 C-ATB	⅝"	D0632GPX	32.00
7¼"	36 C-ATB	⅝"	D0736GPX	28.70

Metal DC Duo Cut & Grind Disc - Type 27



Dual cutter and grinder for steel, stainless, cast iron, sheet metal. Hub type 27 with .125" thickness

SIZE	RPM	ARBOR	STOCK NO	EACH
4½"	13280	⅞"	DBD045125X01F	3.01

Metal Cut Off Discs Thin Kerf



Angle grinder for steel, stainless, cast iron, sheet metal. Hub type 1. Thin Kerf Design .04" Thickness

SIZE	RPM	ARBOR	STOCK NO	EACH
4½"	13280	⅞"	DBD045040101F	2.06
5"	12200	⅞"	DBD050040101F	2.71
6"	10150	⅞"	DBD060045101F	2.64

24 Tooth Framing Saw Blade



Ideal for General construction applications, framers, roofers, remodelers, and concrete formers. Tracking Point™ design for straight cuts

SIZE	TEETH	ARBOR	STOCK NO	EACH
7¼"	24 ATB	⅝"	D0724X	13.80

Diamond Metal Cut-off Wheels



Ideal for rebar, angle iron, cast iron and steel bar. Diamond rim delivers up to 100X longer cutting life providing more control, less sparks and less dust

SIZE	TEETH	ARBOR	STOCK NO	EACH
4½"	Diamond	⅞"	DDD045DIA101F	15.17

5 Piece Carbide Recip Set



(2) DS0606CWS - 6" Demo Demon
(1) DS0608CF - 6" Steel Demon
(1) DS0906CWS - 9" Demo Demon
(1) #DS0908CF - 9" Steel Demon

DESCRIPTION	STOCK NO	EACH
5 Piece Kit	DS005SC	51.99



Reciprocating Blades

Wood, Nail-Embedded Wood, and General Purpose (Wood & Metal) Cutting

LENGTH	TEETH	APPLICATION	TOOTH DESIGN	PACKS	STOCK NO	EACH
9"	3 TPI	Pruning & Clean Wood	Carbide Teeth	1pk	DS0903CP	10.12
9"	3 TPI	Pruning & Clean Wood	Carbide Teeth	3pk	DS0903CP3	27.04
6"	6/9 TPI	Nail-Embedded Wood	Carbide Teeth	3pk	DS0606CWS	24.29
6"	6/9 TPI	Nail-Embedded Wood	Carbide Teeth	10pk	DS0606CWS10	72.93
7⅜"	5 TPI	Nail-Embedded Wood	Carbide Teeth	3pk	DS0705CWR3	28.01
9"	6/9 TPI	Nail-Embedded Wood	Carbide Teeth	3pk	DS0906CWS	34.48
9"	6/9 TPI	Nail-Embedded Wood	Carbide Teeth	10pk	DS0906CWS10	104.72
12"	6/9 TPI	Nail-Embedded Wood	Carbide Teeth	3pk	DS1206CWS	44.75
6"	9 TPI	General Purpose (⅛" to ½")	Carbide Teeth	3pk	DS0609CGP	27.04
6"	9 TPI	General Purpose (⅛" to ½")	Carbide Teeth	10pk	DS0609CGP10	85.59
9"	9 TPI	General Purpose(⅛" to ½")	Carbide Teeth	3pk	DS0909CGP	36.07
9"	9 TPI	General Purpose(⅛" to ½")	Carbide Teeth	10pk	DS0909CGP10	115.73
12"	9 TPI	General Purpose (⅛" to ½")	Carbide Teeth	3pk	DS1209CGP	48.47
6"	6/12 TPI	Nail-Embedded Wood	Variable Tooth	5pk	DS0612BW	15.26
6"	6/12 TPI	Nail-Embedded Wood	Variable Tooth	25pk	DS0612BW25	58.85
9"	6/12 TPI	Nail-Embedded Wood	Variable Tooth	5pk	DS0912BW	20.66
9"	6/12 TPI	Nail-Embedded Wood	Variable Tooth	25pk	DS0912BW25	82.41
12"	6/12 TPI	Nail-Embedded Wood	Variable Tooth	5pk	DS1212BW	26.33
6"	8/14 TPI	General Purpose	Variable Tooth	5pk	DS0614BGP	15.26
9"	8/14 TPI	General Purpose	Variable Tooth	5pk	DS0914BGP	20.66

Metal Demolition and Metal Cutting

LENGTH	TEETH	APPLICATION	TOOTH DESIGN	PACKS	STOCK NO	EACH
6"	8 TPI	Thick Metal (3/16" to 9/16")	Amped™ Carbide	3pk	DS0608CFA3	44.94
6"	8 TPI	Thick Metal (⅛" to ½")	Carbide Teeth	3pk	DS0608CF	35.46
6"	8 TPI	Thick Metal (⅛" to ½")	Carbide Teeth	10pk	DS0608CF10	111.84
9"	8 TPI	Thick Metal (3/16" to 9/16")	Amped™ Carbide	3pk	DS0908CFA3	62.25
9"	8 TPI	Thick Metal (⅛" to ½")	Carbide Teeth	3pk	DS0908CF	49.89
9"	12 TPI	Thin Metal (Less Than ⅛")	Carbide Teeth	1pk	DS0912CF	19.06
9"	8 TPI	Thick Metal (⅛" to ½")	Carbide Teeth	10pk	DS0908CF10	153.70
12"	8 TPI	Thick Metal (⅛" to ½")	Carbide Teeth	3pk	DS1208CF	69.51
12"	8 TPI	Thick Metal (⅛" to ½")	Carbide Teeth	10pk	DS1208CF10	212.04
6"	10 TPI	Medium Metal (1/16" to ⅛")	Carbide Teeth	3pk	DS0610CF	36.07
6"	10 TPI	Medium Metal (1/16" to ⅛")	Carbide Teeth	10pk	DS0610CF10	115.73
9"	10 TPI	Medium Metal (1/16" to ⅛")	Carbide Teeth	3pk	DS0910CF	48.47
9"	10 TPI	Medium Metal (1/16" to ⅛")	Carbide Teeth	10pk	DS0910CF10	156.59
6"	20 TPI	Thin Metal (Less than ⅛")	Carbide Strip	1pk	DS0620CF	13.13
8"	20 TPI	Thin Metal (Less than ⅛")	Carbide Strip	1pk	DS0820CF	18.66
6"	8/10 TPI	Thick Metal (⅛" to ½")	Dual Tooth	5pk	DS0608BFD	16.06
9"	8/10 TPI	Thick Metal (⅛" to ½")	Dual Tooth	5pk	DS0908BFD	21.15
6"	14/18 TPI	Medium Metal (1/16" to 5/16")	Dual Tooth	5pk	DS0614BF	15.26
6"	14/18 TPI	Medium Metal (1/16" to 5/16")	Dual Tooth	25pk	DS0614BF25	58.85
9"	14/18 TPI	Medium Metal (1/16" to 5/16")	Dual Tooth	5pk	DS0914BF	20.66
9"	14/18 TPI	Medium Metal (1/16" to 5/16")	Dual Tooth	25pk	DS0914BF25	82.41
12"	14/18 TPI	Medium Metal (1/16" to 5/16")	Dual Tooth	5pk	DS1214BF	26.16
6"	20/24 TPI	Thin Metal (Less than ⅛")	Dual Tooth	5pk	DS0620BF5	14.55
9"	20/24 TPI	Thin Metal (Less than ⅛")	Dual Tooth	5pk	DS0920BF	20.70
3¼"	32 TPI	HVAC/Ductwork	HRC 62	5pk	DS0332BF5	15.56

Cast Iron, Fiber Cement, Masonary & Fiberglass

LENGTH	TOOTH DESIGN	PACKS	STOCK NO	EACH
9"	Diamond Grit + Thin Kerf	1pk	DS0930DGX	15.33

Metal Cut Off Disc Type 27



Angle grinder for steel, stainless, cast iron, sheet metal. Hub type 27 with 1/16" blade thickness

SIZE	RPM	ARBOR	STOCK NO	EACH
4½"	13280	⅞"	DBD045063701F	2.15

Metal Circular Cut Off Disc



Grinder/Circ. saw for steel, stainless, cast iron, sheet metal. Hub type 1 with ⅛" blade thickness

SIZE	RPM	ARBOR	STOCK NO	EACH
7"	8450	⅝"DKO	DBD070125L01F	2.52



Hole Saws
Variable tooth design for faster cuts.
2⅜" cutting depth. Snap-Lock™ mandrel system.

SIZE	STOCK NO	EACH
¾"	DS34HOSA	7.72
⅞"	DS78HOSA	8.53
1"	DS1HOSA	8.83
1⅛"	DS118HOSA	9.20
1¼"	DS114HOSA	9.97
1⅜"	DS138HOSA	10.40
1½"	DS112HOSA	10.62
1¾"	DS134HOSA	11.50
1⅞"	DS178HOSA	12.02
2"	DS2HOSA	12.16
2⅛"	DS218HOSA	12.66
2¼"	DS214HOSA	13.00
2½"	DS212HOSA	13.65
2⁹⁄₁₆"	DS2916HOSA	13.88
3"	DS3HOSA	15.22
3½"	DS312HOSA	17.32
3⅝"	DS358HOSA	17.45
4"	DS4HOSA	23.09
4⅛"	DS418HOSA	24.63
4¼"	DS414HOSA	26.16
4½"	DS412HOSA	27.53
4¾"	DS434HOSA	28.89
5"	DS5HOSA	30.84
5½"	DS512HOSA	32.00
5¾"	DS534HOSA	32.99
6"	DS6HOSA	34.71
Recessed Lighting Hole Saw		
6⅜"	DS638HOSARL	57.78



Snap-Lock Plus™ Mandrel System
⁹⁄₃₂" (7.15mm) HSS-G pilot drill and 2 adapter nuts

SIZE	STOCK NO	EACH
⅜" hex shank	DHSAR375	17.41
⁷⁄₁₆" hex shank	DHSAR500	17.41



Adapter Nuts
2-pack for use with other holes saws with Snap-Lock™ Mandrel System

STOCK NO	EACH
DHSNUT2	4.62



Pilot Drill Bits

SIZE	STOCK NO	EACH
⁹⁄₃₂" HSS-G	DHS4BITII	4.17
¼" Cobalt	DHSBITCB	6.28
¼" Carbide	DHS4BITCT	8.75



Self Feed Wood Bits

SIZE	STOCK NO	EACH
1⅜"	DSF1375	47.22
2"	DSF2000	52.88
2⅛"	DSF2125	54.77
2⁹⁄₁₆"	DSF2562	66.10



9 Piece Hole Saw Kits
⅞", 1⅛", 1⅜", 1½", and 2" hole saws.
1 piece Snap-Lock Plus Mandrel.
1 Pilot Bit and 2 Adapter Nuts (½" and ⅝").

DESCRIPTION	STOCK NO	EACH
9 Piece Kit	DHS09SGP	61.65



14 Piece Hole Saw Kits
⅞", 1⅛", 1⅜", 1½", 2",
2⅛", 2½" and 2⁹⁄₁₆" hole saws.
1 piece Snap-Lock Plus Mandrel.
1 Pilot Bit and 2 Adapter Nuts (½" and ⅝").

DESCRIPTION	STOCK NO	EACH
14 Piece Kit	DHS14SGP	123.98



17 Piece Hole Saw Kit
1⅛", 1¼", 1⅜", 1½", 1¾",
2¼", 2⁹⁄₁₆", 3", 3⅝", 4", and 4½" hole saws.
⅜" and ⁷⁄₁₆" Snap-Lock Plus Mandrels.
2 Pilot Bits and 2 Adapter Nuts (½" and ⅝").

DESCRIPTION	STOCK NO	EACH
17 Piece Kit	DHS17SPL	194.52



Carbide-tipped 9 Piece Hole Saw Kits
1", 1⅛", 1⅜", 1½", and 2" carbide-tipped hole saws. 1 piece Snap-Lock Plus Mandrel.
1 Pilot Bit and 2 Adapter Nuts (½" and ⅝").
Drills clean wood, nail-embedded wood, plastic, aluminum, metal, cast iron and stainless steel.

DESCRIPTION	STOCK NO	EACH
9 Piece Kit	DHS09SGPCT	116.61



Carbide-tipped 13 Piece Hole Saw Kits
1⅛", 1⅜", 1½", 2", 2⅛", 2⁹⁄₁₆", 2⅝", and 3" carbide-tipped hole saws. 1 piece Snap-Lock Plus Mandrel. 1 cerbide pilot bit, 1 cobalt pilot bit and 2 Adapter Nuts (½" and ⅝").
Designed for plumbers.

DESCRIPTION	STOCK NO	EACH
13 Piece Kit	DHS13SPLCT	222.10



Carbide-tipped Hole Saws
Variable tooth design for wood, nail-embedded wood, plastic, aluminum, metal, cast iron, stainless steel and metal.
2⅜" cutting depth. Snap-Lock™ mandrel system.

SIZE	STOCK NO	EACH
⅞"	DS78HOSACT	16.04
1"	DS1CTHOSA	16.64
1¹⁄₁₆"	DS1116CTHOSA	17.24
1⅛"	DS118CTHOSA	18.06
1¼"	DS114CTHOSA	18.48
1⅜"	DS138CTHOSA	19.20
1½"	DS112CTHOSA	19.88
1⅝"	DS158CTHOSA	20.18
1¾"	DS134CTHOSA	20.40
1⅞"	DS178CTHOSA	21.71
2"	DS2CTHOSA	22.55
2⅛"	DS218CTHOSA	24.14
2¼"	DS214CTHOSA	25.64
2⅜"	DS238CTHOSA	26.61
2½"	DS212CTHOSA	27.41
2⁹⁄₁₆"	DS2916CTHOSA	27.69
2⅝"	DS258CTHOSA	27.90
3"	DS3CTHOSA	29.02
3⅝"	DS358HOSACT	35.29
4½"	DS412HOSACT	57.90
4⅝"	DS458HOSACT	59.84



Steel Demon™ Carbide Teeth Hole Cutter Set
⅞", 1⅛" & 1⅜" Steel Demon Carbide Teeth Hole Cutters.
⁷⁄₁₆" Snap-Lock™ Plus Mandrel System.
Two plug eject Cobalt pilot bits.

DESCRIPTION	STOCK NO	EACH
6 Piece Kit	DHS06CFS	117.81



Steel Demon Flap Disc
Angle grinder and polisher for metal, stainless steel.
Type 29 conical design with ⅞" arbor (No Hub)

SIZE	RPM	GRIT	STOCK NO	EACH
4½"	13280	40	DCX045040N01F	8.34



Steel Demon Corner-edge Flap Disc
Angle grinder and polisher for metal, stainless steel.
Type 29 conical design with ⅞" arbor (No Hub)

SIZE	RPM	GRIT	STOCK NO	EACH
4½"	13280	40	DCC045040N01F	18.89

24 Piece Screwdriving Set



Includes:
- (1) 1" #1 Phillips Drive Bit
- (2) 1" and (2) 2" #2 Phillips Drive Bits
- (1) 1" #2 Phillips Reduced Drywall Screws Bit
- (1) 1" #3 Phillips Drive Bit
- (1) 1" #1 Square Drive Bit
- (1) 1" and (1) 2" #2 Square Drive Bits
- (1) 1" #3 Square Drive Bit
- (1) 1" #10 Torx Drive Bit
- (1) 1" and (1) 2" #15 Torx Drive Bits
- (2) 1" and (2) 2" #20 Torx Drive Bits
- (2) 1" and (1) 2" #25 Torx Drive Bits
- (1) 1" #30 Torx Drive Bit
- (1) 1" #40 Torx Drive Bit
- (1) 2 3/8" Magnetic Drive Bit Holder

DESCRIPTION	STOCK NO	EACH
24 PIECE	DSCS24	21.97

Magnetic Nut Setters



Kit Includes: 1/4", 5/16", 3/8", 7/16" & 1/2"

SIZE	LENGTH	STOCK NO	EACH
5 Piece Kit	1 7/8"	DNTSSS5	12.02
5 Piece Kit	2 9/16"	DNTSLS5	18.53
1/4"	1 7/8"	DNTSS14	3.20
5/16"	1 7/8"	DNTSS516	3.20
3/8"	1 7/8"	DNTSS38	3.20
7/16"	1 7/8"	DNTSS716	3.68
1/2"	1 7/8"	DNTSS12	3.68

Phillips Drive Bits



Set Includes: #1, #2 & #3

DESCRIPTION	LENGTH	STOCK NO	EACH
3 Piece Set	1"	DPHV1S3	2.28
#1	2"	DPH12P1	1.83
#2 (2 Pack)	1"	DPH21P2	1.83
#2R (25 Pack)	1"	DPH2R1P25	12.02

Double-Ended Bit Packs



SIZE	STOCK NO	EACH
Phillips #1, #2 & #3	DDEPHV25S3	3.68
Phillps #2, Square #2 & Torx #25	DDEV25S3	3.68

Square Drive Bits



SIZE	LENGTH	STOCK NO	EACH
#2	2"	DSQ22P1	1.83
#2 (5 Pack)	2"	DSQ22P5	5.54
#3	2"	DSQ32P1	1.83

Torx Drive Bits



Set Includes: #10, #15, #20, #25, #27, #30 & #40

DESCRIPTION	LENGTH	STOCK NO	EACH
7 Piece Set	1"	DTV1S7	5.27
#40 (25 Pack)	1"	DT401P25	12.02

Universal Extension



SIZE	LENGTH	STOCK NO	EACH
1/4" Hex	6"	DXT1010	9.50
1/4" Hex	12"	DXT1020	11.76
7/16" Hex	5 1/2"	DHS500XT6	17.95
7/16" Hex	12"	DHS500XT12	19.93
7/16" Hex	18"	DHS500XT18	21.94

Magnetic Drive Bit Holder



SIZE	STOCK NO	EACH
2 3/8"	DBH238	3.68
2 3/8" Quick Change	DBH238QC	5.54

Square x Hex Socket Adapter



SIZE	STOCK NO	EACH
1/4" Square x 1/4" Hex.	DSA0250	2.77
3/8" Square x 1/4" Hex	DSA0375	3.68
1/2" Square x 1/4" Hex	DSA0500	4.62

SDS-Plus 2-Cutter Stop Bit



SIZE	STOCK NO	EACH
1/2" x 13/16"	DMAST1020	21.65

Tile & Stone Carbide Tipped Drill Bit



SIZE	LENGTH	STOCK NO	EACH
5/16"	2 1/4"	DMANS1040	9.03

SDS-Plus Full Carbide Head Concrete Anchor Hammer Drill Bits



SIZE	WORKING LENGTH	LENGTH	STOCK NO	EACH
5/32"	3 1/2"	6"	DMAPL2910	8.79
3/16"	3 1/2"	6"	DMAPL2920	8.83
1/4"	3 1/2"	6"	DMAPL2930	8.47

SDS-Plus Concrete Anchor Drive Sleeve



Compatible with 5/32", 3/16" and 1/4" Concrete Anchor Hammer Drill Bits

LENGTH	STOCK NO	EACH
5 3/4"	DMAPL2960	11.00

Rebar Demon™ SDS-Plus 4-Cutter Full Carbide Head Hammer Drill Bit



SIZE	WORKING LENGTH	LENGTH	STOCK NO	EACH
7/16"	4"	6"	DMAPL4174	10.72
7/16"	10"	12"	DMAPL4176	15.41
1/2"	4"	6"	DMAPL4180	8.47
1/2"	16"	18"	DMAPL4200	23.43
5/8"	16"	18"	DMAPL4240	32.37
3/4"	8"	10"	DMAPL4250	32.15

Carbide Tipped Hammer Drill Bit Set



Length: 6"
5/32", 3/16", 1/4", 5/16", & 3/8"

DESCRIPTION	STOCK NO	EACH
5 Piece Kit	DMAMM1190S5	21.00

Installer Bits

SIZE	WORKING LENGTH	LENGTH	STOCK NO	EACH
1/4"	3"	18"	DIB1050	11.72
1/2"	3"	18"	DIB1080	14.19

Auger Bits

SIZE	LENGTH	STOCK NO	EACH
1/4"	7 1/2"	DAG1010	10.21
1 1/8"	7 1/2"	DAG1140	23.13
1 3/8"	7 1/2"	DAG1160	27.43
1 1/2"	7 1/2"	DAG1170	28.18
3/4"	17 1/2"	DAG3070	27.17
7/8"	17 1/2"	DAG3090	30.54
1 1/16"	17 1/2"	DAG3120	32.24
1 1/4"	17 1/2"	DAG3140	33.36

SPEEDemon™ Spade Bits



9 Piece Set: 1/4", 3/8", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8" & 1"
16 Piece Set: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 3/16", 7/8", 1", 1 1/8", 1 1/4", 1 3/8" & 1 1/2" • Length: 6"

SIZE	STOCK NO	EACH
9 Piece Set	DSP2930S9	17.37
16 Piece Set	DSP2980S16	38.77
1/2"	DSP2050	2.66
5/8"	DSP2070	2.81
3/4"	DSP2090	2.92
7/8"	DSP2110	2.99
1"	DSP2130	3.09
1 1/8"	DSP2140	4.54
1 1/4"	DSP2150	4.96
1 3/8"	DSP2160	5.03
1 1/2"	DSP2170	5.11

SDS-Plus Tile Chisel



SIZE	LENGTH	STOCK NO	EACH
1 1/2"	10"	DMAPLCH2020	16.74

SDS-Plus Twist Point Chisel



LENGTH	STOCK NO	EACH
10"	DMAPLCH2030	16.81

SDS-Plus Rebar Cutter



SIZE	WORKING LENGTH	LENGTH	STOCK NO	EACH
5/8"	5"	12"	DMAPLRC1040	41.21

Oscillating Blades



Diamond Cut-Off Disc For Masonry

Design for up 60% smoother cuts, resulting in chip-free cuts without burn marks

SIZE	RPM	ARBOR	STOCK NO	EACH
Continuous				
4 ½"	13280	⅞" & 5/8"	DMADC0450	34.73
Segmented				
4 ½"	13280	⅞" & 5/8"	DMADS0450	29.75
7"	8450	⅞" & 5/8"	DMADS0700	49.59



T-Shank Jig Saw Set For Wood & Metal

DESCRIPTION	STOCK NO	EACH
5 Piece Kit	DJT5S	8.66
10 Piece Kit	DJT10S	17.33



Impact Step Drill Bits

SIZE	STOCK NO	EACH
¼" - ½"	DSD0500S13	35.72
⅞" - 1⅛"	DSD1125S17	69.41
⅞" - 1⅜"	DSD1375S15	75.38
Bit Set: Inludes all 3 sizes & case		
¼" - ½", ⅞" - 1⅛" & ⅞" - 1⅜"	DSDS003	132.00



Rough-In Hole Saws

Demo Demon® carbide teeth rough-in hole saws. 2⅜" cutting depth. Snap-Lock™ mandrel system.

SIZE	STOCK NO	EACH
2⅛"	DHS218CTRHOSA	32.73
2⁹⁄₁₆"	DHS2916CTRHOSA	39.27
3"	DHS3CTRHOSA	49.09
3⅝"	DHS358CTRHOSA	54.23
4⅝"	DHS458CTRHOSA	71.06
8-Piece Rough-In Hole Saw Kit. Includes all sizes above plus 2 Pilot Bits and 1 Mandrel.		
2⅛", 2⁹⁄₁₆", 3", 3⅝", & 4⅝"	DHS8SCTR	261.80



8TPI AMPED™ Steel Demon™ Carbide Teeth Reciprocating Saw Blade

For Thick Metal Cutting

LENGTH	STOCK NO	EACH
6"	DS0608CFA10	148.67
9"	DS0908CFA10	205.70



Starlock General Purpose Oscillating Blades

1¼" Bi-Metal Blade for Nail-Embedded Wood
1¼" Bi-Metal Blade for Clean Wood
1¼" Carbide Blade for General Purpose Cuts
1¼" Carbide Blade for Metal
2" Bi-Metal Blade for Drywall

DESCRIPTION	STOCK NO	EACH
5 Piece Kit	DOS5S	71.28



Starlock Carbide Grit Oscillating Blade for Grout and Mortar

SIZE	STOCK NO	EACH
2 ¾"	DOSCGX	30.76



Universal Fit Carbide Oscillating Blades for General Purpose Cuts

SIZE	STOCK NO	EACH
1 ¼" (3-Pack)	DOU125CGP3	47.09



Universal Fit Bi-Metal Oscillating Blades for Clean Wood

SIZE	STOCK NO	EACH
1 ¼" (3-Pack)	DOU125JBW3	36.61



Universal Fit Diamond Grit Oscillating Blade for Grout

SIZE	STOCK NO	EACH
1⁄16" Grout Thickness	DOU16DGX	41.83



Universal Fit Bi-Metal Oscillating Blade for Drywall

SIZE	STOCK NO	EACH
2"	DOU200RBD	19.86



Universal Fit General Purpose Oscillating Blades

1¼" Bi-Metal Blade for Nail-Embedded Wood
1¼" Bi-Metal Blade for Clean Wood
1¼" Carbide Blade for General Purpose Cuts
1¼" Carbide Blade for Metal
2" Bi-Metal Blade for Drywall

DESCRIPTION	STOCK NO	EACH
5 Piece Kit	DOU5S	71.28



Universal Fit Carbide Oscillating Blade for General Purpose Cuts

SIZE	STOCK NO	EACH
2 ¾"	DOU275RCGP	31.38



Universal Fit Bi-Metal Oscillating Blade for General Purpose Cuts

SIZE	STOCK NO	EACH
3 ½"	DOU350RBGP	26.16



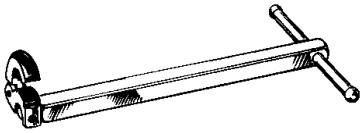
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SIZE	STOCK NO	EACH
1 ¼"	DOU125BF	18.79



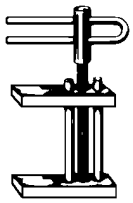
Universal Fit Bi-Metal Oscillating Blades for Nail-Embedded Wood

SIZE	STOCK NO	EACH
1 ¼" (3-Pack)	DOU125BW3	36.61



"Speedy" Basin Wrenches

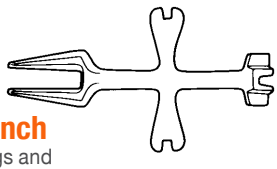
LENGTH	STOCK NO	EACH
With Standard Jaq		
11"	CS3000C	10.15



Spud Wrench

Hardened steel for removal or installation of closet spuds, sink strainers, P.O. plugs, waste and overflows

CAPACITY	STOCK NO	EACH
1" – 4"	CS3030	31.66



P.O. Plug Wrench

Holds pop-up plugs and basket strainers in position and keeps them from turing during installation

STOCK NO	EACH
CS3024	6.04



Strainer Lock Nut Wrench

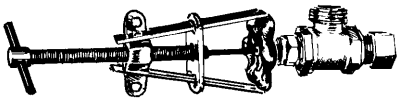
with hinged jaw

STOCK NO	EACH
CS3003	9.84

Tub Drain Extractor Tool

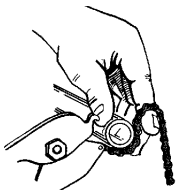
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STOCK NO	EACH
RE97258	130.77



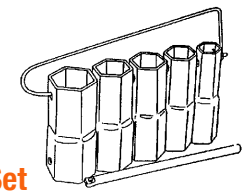
Handle Puller

STOCK NO	EACH
CS3074C	12.80



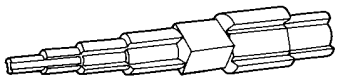
Wheeler HD Glass Cutter

STOCK NO	EACH
69012GLCU	87.58



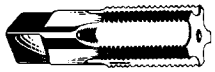
Socket Wrench Set

STOCK NO	EACH
CS3068	14.06



Radiator Nipple Wrench

STOCK NO	EACH
CS3007	13.98



"Lucky" Pipe Taps

CAPACITY	STOCK NO	EACH
1/8"	CS3441	5.92
1/4"	CS3442	7.28
3/8"	CS3443	8.64
1/2"	CS3444	8.80
3/4"	CS3445	13.60
1"	CS3446	33.60
1 1/4"	CS3447	55.52
1 1/2"	CS3448	74.00
2"	CS3449	106.96



Pipe Extractors

SIZE	STOCK NO	EACH
1/8"	18PIEX	17.72
1/4"	14PIEX	19.20
3/8"	38PIEX	19.36
1/2"	12PIEX	22.75
3/4"	34PIEX	27.74
1"	1PIEX	40.37
1 1/4"	114PIEX	64.07



Swedge Tool

Swedges: 3/8", 1/2", 3/4" I.D. Nominal

SLIPS O.D. TUBING	STOCK NO	EACH
1/2, 5/8 & 7/8"	CS3713	18.83



"Flip Drive" Reversible Socket

Reversible Socket Drives: 1/4"& 5/16".

MODEL	STOCK NO	EACH
7411	RE7411	8.25



Rectorseal "Golden Grip" Internal Pipe Wrench

SIZE	STOCK NO	EACH
1/2"	12INPIWR	92.70



Pasco Ram Bit

For in-line repairs and installations. Reams plastic pipe squarely & accurately below the surface or finsished grade.

Works on: ABS DWV, PVC DWV, PVC Pressure.

SIZE	STOCK NO	EACH
1 1/2"	PA3243	29.60
2"	PA3244	30.40
3"	PA3253	41.60
4"	PA3254	45.60



Pasco Smart Dumbell

Installs and removes tub drains & closet spuds.

PART NO	STOCK NO	EACH
4554	PA4554	10.62



(18)

Pasco 4-Way Key

Sizes: 1/4" - 9/32" - 5/16" - 11/32"

PART NO	STOCK NO	EACH
1701	PA1701	5.83



(18)

Tie-Down Straps

SIZE	STOCK NO	EACH
15"	R715B	2.66
20"	R722B	2.87
31"	R731B	3.74



Curved Handle Wire Brush

SIZE	STOCK NO	EACH
14"	14CUHABR	5.79



Large Wood Handle Dope Brush

SIZE	STOCK NO	EACH
¾"	34DOBR	1.69



Dope/Cement Mini-Brush

China bristles, Wood handle

SIZE	STOCK NO	EACH
2"	2DOBR	1.84



Outdoor Extension Cords

Heavy duty, round, vinyl extension cord designed for industrial use. Orange vinyl jacket protects against oil, grease, ozone, and gives added flexibility at below freezing temperatures. Vinyl plugs and connectors are molded on and won't break or pull off cord.

LENGTH	WIRE	STOCK NO	EACH
25'	16/3	7ECC1625	59.26
50'	16/3	7ECC1650	133.13
100'	16/3	7ECC16100	174.13



3-Way Power Spread

- Meets OSHA Requirements.
- SJTW-A Insulation.
- High visibility orange thermo-plastic PVC jacket.
- Grounded three way power spread features unbreakable molded connectors serving as the power source for three different jobs at the same time with 3 outlets.

LENGTH	WIRE	STOCK NO	EACH
2'	12/3	BR8536	46.73



Extension Lights

These all-weather lights are extra flexible with metal guards. Rating- 13A/125V

LENGTH	WIRE	STOCK NO	EACH
50'	16/3	5201	189.27



5" LED Penlight

(2) "AA" Cell Batteries.

STOCK NO	EACH
BR16064	9.07



Batteries

general purpose.

STOCK NO	EACH
AA batteries	
1AABA	1.22
D batteries	
1D1BA	2.71



Bramec 75 Watt Rough Service Bulb

STOCK NO	EACH
BR8501	1.68



Inspection light

Seekermini - UV Led Light
3 AAA Batteries Included

STOCK NO	EACH
84DCPLUS	80.22



HemiPlus Cliplight

Rechargable 4 hours at 1200 lumes.
Metal hook and removable magnetic cover.

STOCK NO	EACH
114302	238.34



Camo Clipstrip Pocket Light

Three AAA Batteries included.
140 lumes and a pivoting magnetic clip.

STOCK NO	EACH
111116	44.88



Cliplight Spotlight

- Rechargable 3 hours at 1200 lumes.
- 2 adjustable joints on magnetic stand.
- 3 power modes including a dimmer.

STOCK NO	EACH
111121	167.24



Sioux Chief Work Gloves

DESCRIPTION	STOCK NO	EACH
Brown Jersey	SC96120	2.65
Seamless w/Gripping Dots	SC96122	3.15



Knit Gloves

Maxiflex Seamless Knit Gloves

DESCRIPTION	STOCK NO	EACH
Large	PIP34874L	8.51
X-Large	PIP34874XL	8.51



ATLANTA

Knee-PRO Ultra Flex Pads

PART NO	STOCK NO	EACH
9215	AT9215	54.70



Shoe Covers

PART NO	STOCK NO	EACH
SC-1	SC1	37.01



Veratti Sport Safety Glasses

Grey frame/clear lens

STOCK NO	EACH
SAFEGLASSES	12.19

Miscellaneous Tools and Specialties (18)

brotex.com laco.com



LA-CO Hand Towels

Tub of big pre-moistened hand-cleaning towels.

STOCK NO	EACH
TUBTOL	17.26



General Purpose Towels

200 per Box.

STOCK NO	EACH
TOWINBOX	20.43

Pastel Knit Rags

10lb. Box.

STOCK NO	EACH
RAINBOX	19.43



Liquid Wrench

The super penetrate that loosens rusted bolts, nuts and parts in seconds.

SIZE	STOCK NO	EACH
11 oz. spray	11OZLIWR	11.25
Pint	PTLIWR	7.54



LACO Zoom Spout Oiler

Premuim Grade All Purpose Oil

Flexible telescoping spout extends 7" for difficult-to-reach areas.

SIZE	STOCK NO	EACH
4 oz.	4OZZOSP	4.71



Gel-Gloss

Cleans, seals, protects and beautifies marble vanities, ceramic tile, fiberglass fixtures.

SIZE	STOCK NO	EACH
16 oz.	GEGLCL	10.30



(40)

Ekern Last Drop Suction Gun

Removes water from toilet tanks for repair or replacement.

STOCK NO	EACH
LADRSUGU	41.25



Universal All Purpose Grease

Lubricates faucet stem threads, O-ring packings, gaskets, ballcock cup leathers, etc.

SIZE	STOCK NO	EACH
2 oz.	HEPRGR	5.79



Soapstone Flat Marker

Used for or temporary marking of metal during welding or fabrication. Easily removed and will not contaminate weld.

SIZE	STOCK NO	EACH
5 x 1/2 x 3/16	SOSTMA	.48



Soapstone Flat Marker Holder

STOCK NO	EACH
SOSTHO	10.03



Yellow Lumber Crayon

Marking Range: -50°F to 150°F.

SIZE	STOCK NO	EACH
1/2" x 4 5/8"	LUCA	1.33



Dura-Ink Markers

SIZE	COLOR	STOCK NO	EACH
No. 25 King size.			
1/2" x 4 5/8"	Black	BLMARKER	4.01
1/2" x 4 5/8"	Blue	BLUEMARKER	2.49
1/2" x 4 5/8"	Red	REDMARKER	4.01



Valve Action Paint Markers

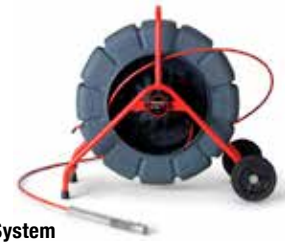
Bullet Tip.

COLOR	STOCK NO	EACH
WHITE	WHVAPMA	4.81
YELLOW	YEVAPMA	4.81
RED	REDVAPMA	4.81



SeeSnake MAX rM200
Camera System
1" to 6" Lines up to 200'

MODEL	STOCK NO	EACH
42348	RI42348	12207.03



SeeSnake
Video Inspection System
Self-leveling cameras for always upright images.
325' Reel. 115v • 2" to 12"

MODEL	STOCK NO	EACH
13998	RI13998	12818.94



SeeSnake CS-6
Digital Recording Monitor
Direct to USB recording

MODEL	STOCK NO	EACH
45143	RI45143	4553.49



Micro CA-350
Inspection Camera
3.5" Color Display • 4GB SD Card included

MODEL	STOCK NO	EACH
37888	RI37888	1028.76



NaviTrack
Scout Locator
4 C-cell batteries

MODEL	STOCK NO	EACH
19238	RI19238	2203.04



SeekTech ST-305
Line Transmitter
Can transmit two frequencies simultaneously

MODEL	STOCK NO	EACH
21898	RI21898	1418.38



K-7500 Drum Machine
For 3" - 10" Lines
- Cable spins at 200 RPM
- ¾" x 100' Inner Core Cable
- 600W Universal Motor

STOCK NO	EACH
RI60052	6642.54



K-750 Drum Machine
For 3" - 8" Drain/Sewer Lines
- Cable spins at 200 RPM
- Adjusts to either ⅝"or ¾" cable
- 550W Induction Motor

STOCK NO	EACH
RI42007	4111.29



K-400 Drum Machine
For 1½" to 4" Drain Lines
- ⅜" cable best for 1½" to 3" lines
- ½" cable best for 3" to 4" lines
- Integrated Telescoping Handle
- Integrated Transport Cart

STOCK NO	EACH
RI24853	842.77

K-400 Tool Kits

STOCK NO	EACH
T-250	
Includes: T-203, T-205, T-217 & A-13	
RI48482	83.24
T-260	
Includes: T-202, T-205, T-211 & A-13	
RI49002	62.73



K-3800 Drum Machine
For ¾" - 4" Drain Lines
- Maximum drum capacity is 100' of ⅜" or 90' of ½"
- Ideal for cleaning ¾" to 1½" sink traps
- 175W Universal Motor spins cable at 240 RPM

STOCK NO	EACH
RI53117	2510.75

K-3800 Tool Kits

STOCK NO	EACH
T-270	
Includes: T-102, T-142, T-107 & A-12	
RI54992	123.21



K-50 Sectional Machine

For ¾" to 4" Drain Lines

- Capable of running 3 different size cables: 5/16", 3/8" and 5/8"
- 300 Watt Motor

STOCK NO	EACH
RI58920	2092.02



K-45 Sink Machine

For ¾" to 2½" Drain Lines

- ¼" cable best for ¾" to 1½" lines
- 5/16" cable best for ¾" to 1½" lines
- 3/8" cable best for 1¼" to 2½" lines
- 0-600 RPM Variable Speed Power Unit

STOCK NO	EACH
RI35998	734.02



K-40 Sink Machine

For ¾" to 2½" Drain Lines

- ¼" cable best for ¾" to 1½" lines
- 5/16" cable best for ¾" to 1½" lines
- 3/8" cable best for 1¼" to 2½" lines
- 175 W Induction Motor

STOCK NO	EACH
RI71722	1531.55



K-1 Combination Auger

"C" Cutter Head • 4' Length

- Dual Power Operation
- Telescoping Design
- Left Hand Wound Cable

STOCK NO	EACH
RI46683	103.65



K-3/K-6 Toilet Auger

High quality tools in 3' & 6' lengths provide fast and safe clearing of toilet obstructions.

SIZE	STOCK NO	EACH
3'	RI59787	60.73
6'	RI59797	91.21
6' Drop Head	RI59802	114.01



Tools

MODEL	SIZE	STOCK NO	EACH
A-1	Left Hand Mitt	RI59205	45.33
A-2	Right Hand Mitt	RI59295	45.33
A-13	Pin Key fro 3/8"	RI59230	9.28
T-1	Straight Auger	RI62840	41.91
T-8	2½" Grease Cutter	RI63205	43.73
T-101	Straight Auger	RI62850	34.52
T-102	Funnel Auger	RI62855	34.52
T-201	5" Straight Auger	RI62990	22.90
T-202	1⅝" Bulb Auger	RI62995	22.90
T-203	⅞" Bulb Auger	RI63000	22.90
T-204	1" C-Cutter	RI54837	20.08
T-205	1⅜" C-Cutter	RI63005	22.90
T-206	3" Funnel Auger	RI63010	23.93
T-207	1¼" Spiral Cutter	RI63015	27.32
T-208	1½" Spiral Cutter	RI63020	30.00
T-210	1" Spade Auger	RI63030	24.93
T-211	1⅜" Spade Cutter	RI63035	26.05
T-213	1" Blade Cutter	RI63045	37.80
T-214	1⅜" Blade Cutter	RI63050	41.30
T-217	4" Drop Head Auger	RI63065	24.41
T-232	3" HD Buld Auger	RI52822	39.87
T-403	3" P-Trap Cutter	RI92485	35.37
T-406	1¾" Spade Cutter	RI92495	30.00
T-408	3" Sawtooth Cutter	RI92505	37.01
T-409	1¾" HD Bulb Auger	RI51762	41.86
T-411	2" Dbl. Cutter	RI92510	32.78
T-412	3" Dbl. Cutter	RI92520	39.56
T-414	4" Dbl. Cutter	RI92525	41.91
T-432	2" 3-Blade Cutter	RI92535	74.07
T-433	3" 3-Blade Cutter	RI92540	79.14
T-50-1	3" Sharktooth Cutter	RI98035	56.47
T50-2	4" Sharktooth Cutter	RI98040	58.78
T-150-1	3" Sharktooth Cutter	RI98055	55.21
T-150-2	4" Sharktooth Cutter	RI98060	57.36



Cables

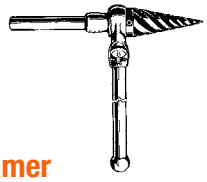
MODEL	SIZE	STOCK NO	EACH
¼" Cables			
S-1	¼"x 25' Funnel Auger	RI50652	68.04
5/16" Cables			
C-1	5/16"x 25' Bulb Auger	RI62225	101.51
C-1IC	5/16"x 25' Bulb Auger	RI56782	79.43
C-2	5/16"x 25' Drop Head Auger	RI62235	90.29
C-2IC	5/16"x 25' Drop Hd	RI516X25DH	97.15
C-13IC	5/16"x 35' Bulb Auger	RI56792	100.96
C-13ICSB	5/16"x 35' Bulb Auger	RI95847	100.96
C-23IC	5/16"x 35' Drop Head Auger	RI56797	120.48
C-21	5/16"x 50' Bulb Auger	RI89400	187.24
C-22	5/16"x 50' Drop Head Auger	RI89405	146.06
3/8" Cables			
C-4	3/8"x 25' Male Coupling	RI62245	89.18
C-5	3/8"x 35' Bulb Auger	RI62250	110.00
C-6	3/8"x 35' Male Coupling	RI62260	127.58
C-31	3/8"x 50'	RI37842	195.63
C-32	3/8"x 75'	RI37847	254.32
C-33	3/8"x 100'	RI37852	308.13
C-31IW	3/8"x 50'	RI87577	195.63
C-32IW	3/8"x 75'	RI87582	243.12
C-33IW	3/8"x 100'	RI87587	304.54
½" Cables			
C-45	½"x 75'	RI37862	327.69
C-45IW	½"x 75'	RI87597	328.38
5/8" Cables			
C-7	5/8"x 7.5' Tight Wind	RI62265	57.51
C-8	5/8"x 7.5' All Purpose Wind	RI62270	43.12
C-25	5/8"x 25'	RI92460	159.89
C-26	5/8"x 50'	RI92465	267.90
C-24	5/8"x 100'	RI43647	505.19
C-24HC	5/8"x 100'	RI58192	358.76
¾" Cables			
C-28	¾"x 25'	RI92475	204.33
C-29	¾"x 50'	RI92480	351.90
C-75	¾"x 75'	RI41212	495.23
C-100	¾"x 100'	RI41697	645.67
⅞" Cables			
C-10	⅞"x15' All Purpose Wind	RI62275	87.86
1¼" Cables			
C-11	1¼"x15' All Purpose Wind	RI62280	154.86
C-14	1¼"x15' Extra Flex Wind	RI62295	147.48



1pc. Flat Sewer Tape

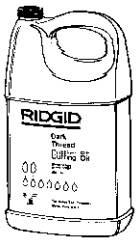
For use on sewer/drain lines through 8" in diameter and up to 100' in length

SIZE	STOCK NO	EACH
¾" x 100'	RI62605	1193.04



Spiral Rachet Reamer

CAPACITY	STOCK NO	EACH
1/8 – 2	2SRIRE	377.23

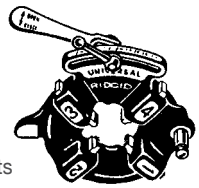


(40)

Thread Cutting Oil

- Finest quality, special purpose sulphurlard cutting oil that cools, speeds metal removal, produces smooth, clean threads, prevents chips from welding to dies.
- An exactly formulated combination of petroleum oils and special additives.
- Will not congeal at 20 degrees Fahrenheit.
- Comparative tests prove the superiority of RIDGID Thread Cutting Oil.
- Excellent for drilling, turning and other metal cutting operations but should not be used for lubricating.
- Available in Dark and Nu-Clear.

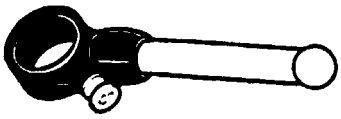
SIZE	STOCK NO	EACH
Nu-Clear		
1 gallon Can	70835RICUOI	48.46
5 gallon Can	41575RICUOI	244.58
Dark		
1 gallon Can	70830RICUOI	47.68
5 gallon Can	41600RICUOI	205.97



811 Universal Die Head

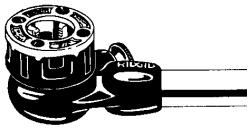
Fully adjustable 1/4 – 2" Bolts
HEAD ONLY

CAPACITY	STOCK NO	EACH
1/4 – 2"	811DIHE	662.84



Ratchet and Handle Complete

STOCK NO	EACH
00RRIRA	112.08
12RRIRA	129.80



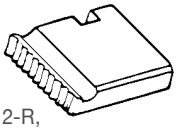
Die Heads with Dies

SIZE	STOCK NO	EACH
00-R Exposed		
1/2"	12OORDIHE	118.33
3/4"	34OORDIHE	118.33
1"	1OORDIHE	128.24
12-R Exposed		
3/8"	3812RDIHE	156.86
1/2"	1212RDIHE	161.92
3/4"	3412RDIHE	161.92
1"	112RDIHE	206.96
1 1/4"	11412RDIHE	206.96
1 1/2"	11212RDIHE	228.09
2"	212RDIHE	228.09

High Speed Pipe Dies

Fit Die Head 65R-C

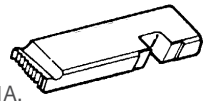
SIZE AVAILABLE	STOCK NO	EACH
1 – 2"	65RDI	165.33



Alloy Pipe Dies

RH-NPT
For 0-R, 11-R, 00-R, 111-R, 12-R, 30-A and 31-A Threaders

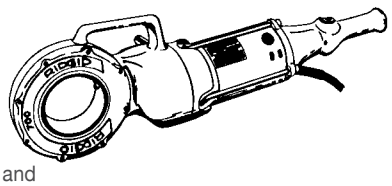
SIZE	STOCK NO	EACH
1/4"	1412RDI	75.30
3/8"	3812RDI	75.30
1/2"	1212RDI	75.99
3/4"	3412RDI	75.99
1"	112RDI	87.35
1 1/4"	11412RDI	87.35
1 1/2"	11212RDI	96.96
2"	212RDI	96.96



Alloy Pipe Dies

RH-NPT, Fits Die Head 811A.

SIZE	STOCK NO	EACH
1/4 & 3/8"	1438811DI	185.53
1/2 & 3/4"	1234811DI	185.53
1 & 2"	12504811DI	185.53

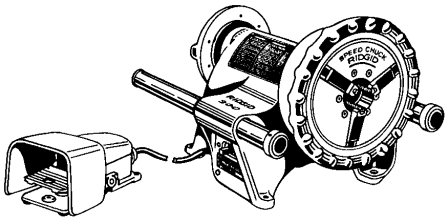


No 700
Portable Power Drive

- Compact, powerful, engineered and built for complete utility and trouble-free service.
- Plenty of power to cut threads and drive geared threaders.
- Reversible motor and all-spur gear reduction assure maximum power and efficiency.
- Die heads and adapters lock in securely from either side.
- RIDGID No. 12R Die Heads fit without an adapter while only four adapters are needed for other RIDGID Die Heads.
- A Square Drive Adapter is used for RIDGID Geared Threaders.
- Gear case, housing and handle are rugged cast aluminum for strength without added weight.
- Motor: Universal, ½ hp, 115 or 230 volt, ac (25-60 Hz), reversible, 3 pole, double throw (reversible) switch with spring return to center "off" position.

Capacity: ⅛" – 2" Pipe and conduit
(Through 12" with geared threaders).

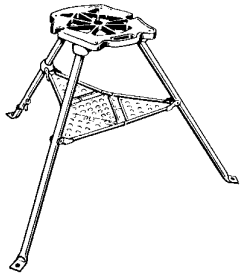
SIZE	STOCK NO	EACH
¼ – 1" ROD	700RIPODR	2431.62



No 300
Power Drive

- Ideal for bench, truck or stand mounting.
- RIDGID Speed Chuck holds tight, forward or reverse
- Integral foot switch for safer operation
- Replaceable jaw inserts
- All-metal, one-piece hand wheel
- 2 tool support bars
- 1/2 hp 115 V. Universal, reversible motor, 230 V motor available at no extra cost.
- 3-jaw, cam-action, rear centering device keeps pipe straight for true threads and cuts.
- Capacity: ⅛" – 2" Pipe and conduct

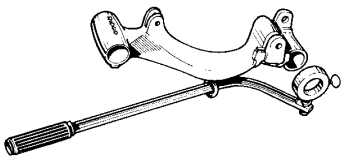
SIZE	STOCK NO	EACH
¼ – 2" bolts & rod	300RIPODR	4259.38



No 1206 Stand
For No 300 Power Drive

Portable and time-saving work base for your RIDGID 300 Power Drive. Integral folding legs and tray are extra rigid when opened for use...fold and chain lock closed for easy carrying...no loose parts.

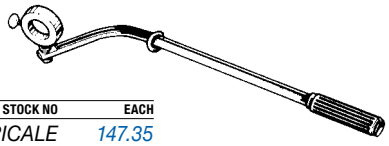
USE WITH	STOCK NO	EACH
300 Power Drive	1206RIST	587.58



No 311
Carriage with Lever
For No. 300 Power Drive

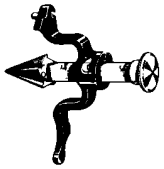
Slip this strong carriage on your RIDGID 300 Power Drive, and you'll get fast cut-and-thread efficiency. Holds die head, cutter and reamer at your fingertips exactly like a Pipe Machine. No tools to drop. Easy sliding, snugs right up to chuck for close threading and cut-off. Die head and cutter operate independently, swing up and stay out oaf way when not in use.

USE WITH	STOCK NO	EACH
300 Power Drive	1311RICA	588.63



No 312
Carriage Lever

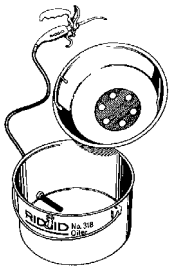
USE WITH	STOCK NO	EACH
No. 311 Carriage	1312RICALE	147.35



No 341
Reamer

For No. 311 Carriage

CAPACITY	STOCK NO	EACH
⅛ – 2" Pipe	341RIRE	317.99



No 418 Oiler

Stops Oil Waste, Keeps Dies Flooded for Perfect Threads, Longer Die Life.
Hand-operated continuous oiler pumps easily be thumb action. Large chip pan catches oil runoff, chips and scraps. No messy floors. Oil is double-screened and recirculated through reservoir, hose and hand pump. Completely portable. Quickly pays for itself in oil savings alone.
Chip pan is 14½"in diameter, 8½" high, Hose length, 48"

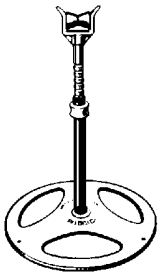
STOCK NO	EACH
418RIOI	470.74

Hose with Fittings

418RIHO	66.56

ACCESSORIES

DESCRIPTION	STOCK NO	EACH
Repair Kit	RIC850X	128.12
Pump Assembly	RIC851X	319.92



No 92
Adjustable Pipe Supports

Large rollers let pipe move forward freely. Rugged construction, supports pipe without tipping or rocking. Height is adjustable from 32" to 41".

CAPACITY	STOCK NO	EACH
6"	92RIPISU	690.24



ROPOWER 50R
Threading Machine

All ROTHENBERGER pipe threading machines are equipped with auto oiling, easy change die heads. Single Speed. ¼"-2" Capacity. ½"-2" NPT Dies.
Set of 4 legs included. (Not Shown)

MODEL	STOCK NO	EACH
63005	RO50R	5043.62

ROTHENBERGER

rothenberger-usa.com

(41)
Model 1041
Pipe Roll Grooving Attachment
- Top pipe diameter 1-6" - Schedule 40 steel.
- The Model 1041 is designed to easily mount on the Ridgid 300 power drive.
- The tool has a manual hydraulic system which supplies grooving force to the rolls.
- The tool has easy dial settings for groove depth.

For use with Steel Pipe

STOCK NO	EACH
RU1041RENTAL	Call for Pricing



(40)
REMS Special Threading Oil

SIZE	STOCK NO	EACH
21.5 oz. spray can	RE215	32.30

Amigo Threader Dies Only

SIZE	STOCK NO	EACH
½"	RE12AMDI	160.28
¾"	RE34AMDI	194.31
1"	RE1AMDI	166.12
1½"	RE112AMDI	273.48
1¼"	RE114AMDI	194.31
2"	RE2AMDI	281.98



(40)
Ratchet Type Tube Bender
For soft copper ONLY. One hand action, manual ratchet for easily bending ⅜" through ⅞" OD tubing.

STOCK NO	EACH
RECH404L	187.00



(40)
Amigo 2 Power Hand Threader
Weighs 14 lbs. No additional pipe vise needed even on larger sizes (1½" and 2"). Unique support clamp serves as pipe vise and protects operator. Safe to use.
Works on all major pipe types, including stainless steel.
Die head capacity ⅛"-2". Double Insulated.
Includes: full set ½" to 2"die heads (six die heads) and steel carrying case.

DIE HEAD CAPACITY	STOCK NO	EACH
⅛"-2"	AMIGO2	3384.96



D-25 Handy™ Hand Snake

With downhead and flexicore cable unit.
Big knob for better grip,
or can be attached to a ⅜" or ½"drill.

SIZE	STOCK NO	EACH
¼" x 25'	GWD252	253.12



MR-B Mini-Rooter™

Light weight with a long reach.
Complete and ready to use.
Includes:

- Drum
- Cable
- 10' Power cord
- Ground fault interrupter
- Water-proof air foot switch
- Leather gloves
- ⅓ hp Motor with reverse switch
- Cutter set (arrow head, 1½" U cutter, 2"side cutter blade, and boring gimlet)

CABLE SIZE	STOCK NO	EACH
⅜"x75'Cable	GWMRB	1184.96



SV Super-Vee™

Complete and ready to operate.
includes:

- Case
- Side-action chuck
- Variable speed motor with reversing switch
- Plastic cartridge
- 2 Cables (¼" x 25' and ⅜" x 35')
- Cutter set (arrow head, flexible arrow head, 1¼"side cutter blade, boring gimlet, and down head boring gimlet)

STOCK NO	EACH
GWSVBWC	723.52



Telescoping Urinal Auger

STOCK NO	EACH
GWTU4	57.68



Float Model Flood-Guard™

SIZE	STOCK NO	EACH
2"	GW2F	22.08
3"	GW3F	19.96
4"	GW4F	23.76

Flexicore Cables



For electric machines
With male and female connectors

SIZE	STOCK NO	EACH
⅜ x 50'	GW50EM2	155.57
⅜ x 75'	GW75EM2	217.17

Flexicore Cables



For electric machines
With Female connector

SIZE	STOCK NO	EACH
⅜ x 35'	GW35HE2	119.84

Flexicore Cable



For electric machines
With EL basin plug head

SIZE	STOCK NO	EACH
¼ x 25'	GW25HE1	54.99

Flexicore Cable



For electric machines.
With Down Head

SIZE	STOCK NO	EACH
¼ x 25'	GW25HE1DH	68.43

U Cutter



For electric machines
For ½" and ⅜ " cables

SIZE	STOCK NO	EACH
1½"	GW112UC	19.88

Arrow Head Cutter



For electric machines
For 5/16", ⅜", ½" cable

STOCK NO	EACH
GWAH	8.34

Boring Gimlet



For electric machines
For 5/16" and ⅜" cable

STOCK NO	EACH
GWBG	11.26

Down Head Boring Gimlet



For electric machines
For 5/16" and ⅜" cable

STOCK NO	EACH
GWDHBG	15.62

Side Cutter Blades



Two piece set
For electric machines
For ⅝", ¾", ½" cable

SIZE	STOCK NO	EACH
2"	GW2SCB	11.03
3"	GW3SCB	13.72
4"	GW4SCB	13.72



Flexicore™ Closet Augers

Double layer of tempered spring steel coiled tightly over 42-strand wire rope center. Flexible down head follows bowl contours, springs through sharply angled passages while protecting inner walls from chipping or breaking.
Die cast handle. Vinyl bowl guard.

SIZE	STOCK NO	EACH
3'	GW3FLDH	65.52
6'	GWIT6FL	92.79



Six Foot Teletube™ Closet Auger

Double spring construction; has 3 feet telescoped into the guide until you need to release it by pressing a button. 1⅛" outer tube even tougher than 3FL model. Down head.
Vinyl bowl guard and vinyl grip handle.

SIZE	STOCK NO	EACH
6'	GWT6FLDH	98.56

Drain Flushers™ (Flush Bags)



Attach to garden hose
and slide drain flusher into drain.
Water expands to size of pipe
and pushes stoppage down the line.
Backflow preventer on inlet side.
Tough reinforced nylon (more durable than rubber).

SIZE	STOCK NO	EACH
1½"	GW15DF	54.26
2½"	GW25DF	63.95
3"	GW3DF	94.86
4"	GW4DF	102.98

Snake-Oil™



Special rust inhibitor cuts
through moisture, replaces it with
rust-resistant coating, and gives
equipment fresh, clean smell.
Recommended for use with all types of cable.

SIZE	STOCK NO	EACH
Quart	GWSOQ	22.34

AutoCut Copper Tubing Cutter



The AutoCut has long lasting
hardened steel cutting wheels
that are easy to replace when
the time comes.
NOT for Use with Soft Copper

SIZE	STOCK NO	EACH
½"	ATC12	24.36
¾"	ATC34	26.60
Replacement Wheel		
For AutoCut	ATCW	8.79

Hot Shot 400™



Safely thaws frozen pipes in minutes.
Can clear up to 175 ft. of ½" to 1½" pipe.
Dual output current: 320 amps with 14 amp draw,
and 400 amps with 20 amp draw. 31 lbs.

SIZE	STOCK NO	EACH
400 AMP	GWHS400	1856.96

Torch Kits & Accessories (40)

victortechnologies.com/turbotorch



Swivel Hand Torch

STK-9

STOCK NO	EACH
TSTK9	134.46



Swivel Hand Torch

STK-99

STOCK NO	EACH
TSTK99	164.77



Self-Igniting Hand Torch

X-503

STOCK NO	EACH
TX503	167.38

Replacement Tip

T503	77.48

X-503 SPECIFICATIONS

Copper Tubing		
Use with Propane	Soft Solder 1/8 - 2"	Brazing 1/8 - 3/4"
MPP	Soft Solder 1/8 - 3"	Brazing 1/16 - 1"



Self-Igniting Hand Torch

X-504

STOCK NO	EACH
TX504	185.69

Replacement Tip

T504	100.75

X-504 SPECIFICATIONS

Copper Tubing		
Use with Propane	Soft Solder 3/4 - 3"	Brazing 1/4 - 1"
MPP	Soft Solder 3/4 - 4"	Brazing 1/4 - 1 3/4"



PL-5A Self-Igniting Acetylene Gas Torch

STOCK NO	EACH
TPL5A	195.28



Mobile Torch Kit

1/2" SI Swivel Flame Tip.

STOCK NO	EACH
TPLDLXPT	446.88



Propane Tank

14.1 oz. Disposable Tank

STOCK NO	EACH
PROTANK	18.13



MAPP-PRO Gas Tank

14.1 oz. Disposable Tank

STOCK NO	EACH
MAPPTANK	23.75



Acetylene Tank & Exchange

DESCRIPTION	STOCK NO	EACH
Acetylene Cylinder		
"B" 40CF	BTANK	326.68
"MC" 10CF	MCTANK	231.63
Exchange		
(Customer purchases full tank above and will be credited the following upon return of the empty tank):		
"B" tank less gas	BTR	236.60
"MC" tank less gas	MCR	138.60



Air Propane MAPP Kit

LP-2

- Piston Regulatot
- GAUGEGUARD
- 12.5' Hose
- TT3 3/8" & LP5 3/4" Swirl Flame Tips

STOCK NO	EACH
TLP2	583.03



Air Acetylene Kit

X-6MC

- AR-MC Regulator
- G-4 Handle
- A-3 & A-8 Tip
- MC Tank Connection
- A-12 Hose
- Soft Solders to 2"
- Silver brazes to 1"

STOCK NO	EACH
TX6MC	565.77

Torch Kits & Accessories (40)

victortechnologies.com/turbotorch



Air Acetylene Kit

X-5MC

- AR-MC Regulator
- G-4 Handle
- Soft Solders to 1½"
- Silver brazes to ¾"
- MC Tank Connection
- AH-12 Hose
- A-5 Tip

STOCK NO	EACH
TX5MC	499.49



Air Acetylene Torch Kit

X-4B

- AR-B Regulator
- G-4 Handle
- Soft Solders to 3½"
- Silver brazes to 2"
- B Tank Connection
- AH-12 Hose
- A-5 & A-14 Tip

DESCRIPTION	STOCK NO	EACH
A5 - 1/4 AIR	TX4B	585.90



Air Acetylene Torch Kit

X-3B

- AR-B Regulator
- G-4 Handle
- Soft Solders to 3"
- Silver brazes to 2⅝"
- B Tank Connection
- AH-12 Hose
- A-3 & A-11 Tip

DESCRIPTION	STOCK NO	EACH
A3 - 3/16 AIR	TX3B	564.20



Swirl Flame Tips

Propane/MAPP Swirl Flame tip.

SIZE OF FLAME	STOCK NO	EACH
T3		
⅜"	TT3	146.71
T4		
½"	TT4	176.22

Handle with Adjustable Valve

AH4 Torch Handle

Comfortable grip with on/off valve and quick connect. "A" Size fittings ⅜".

STOCK NO	EACH
TAH4	151.36



Torch Handle

With Valve • For Acetylene

STOCK NO	EACH
TG4	141.03



Acetylene Hose

AH12 Hose

Metal strain relief keeps hose from kinking at fittings. "A" Size fittings ⅜".

SIZE	STOCK NO	EACH
12.5'	TAH12	90.06

"MC" Regulator

STOCK NO	EACH
TARMC	216.23



"B" Regulator

STOCK NO	EACH
TARB	181.33

"B" to "MC" Adapter

STOCK NO	EACH
TMCT	108.84



Acetylene Tips

Swirl Flame Tip.

SIZE	STOCK NO	EACH
A-3		
3/16"	TA3	116.17
A-5		
¼"	TA5	136.38
A-8		
5/16"	TA8	151.88
A-11		
7/16"	TA11	158.08
A-14		
½"	TA14	195.69
A-32		
⅝"	TA32	280.36



Striker

MODEL	STOCK NO	EACH
Single flint, cup type, round file. Striker.		
L-1	TTL1	7.75
Box of five flints		
F-1	TTF1	6.20

UEI Instruments (40)

Test & Measurement Instruments.

ueitest.com

Wireless TRMS Power Clamp Meter with 3-Phase Rotation Tests



The DL599 is an award-winning wireless True-RMS HVAC/R clamp meter with preventative motor testing. Offering full HVAC functionality including advanced features like Power Factor, DC Amps, LRA Inrush, differential temperature and wireless connection to a free App for logging, graphing and emailing results.

Features:
- True RMS • Detachable clamp head
- 1000V AC/1000V DC
- 600A AC/600A DC
- 2000µA DC Micro Current
- 9999µF Capacitance
- -328° to 2462°F Temperature
- Dual display with Backlight & Worklight
- Two year warranty

STOCK NO	EACH
DL599	328.59

Seitron Americas

seitron.com/en_us/

Novo Combustion Analyzer



Robust, reliable, precise.
The Novo inherits the tradition of the Seitron analyzers and joins it with renewed software and hardware in order to offer a device easier to use.

Features:
- NEW - Pro Analysis Mode
- 7'' touch display for easy menu navigation
- Dedicated probe with one simple connection
- Integrated water trap with LED backlight
- Simultaneous measurement of gas and combustion results
- New dual range sensor technology

STOCK NO	EACH
NOVO1P	2250.32

6-Line Display Combustion Analyzer Kit



Includes:
- Combustion Analyzer
- 12" Flue Probe w/ 10' Hose
- Inlet tube/Probe connector
- Particle Filter (spare)
- AC Adapter
- K-type Temperature Probes (2)
- Owners Manual
- Hard Carrying Case
- Infrared Thermal Printer
- Paper Roll (spare)

NO Oxygen Sensor to Replace
This lowers cost-of-ownership with one less sensor to maintain. Over the lifespan of an analyzer this saves hundreds of dollars.

STOCK NO	EACH
C165KIT	1843.93

Residential Combustion Analyzer



Includes:
- Combustion Analyzer (C161)
- Quick Reference Guide
- Flue probe with cone and 6 foot hose (CP2)
- USB Cable
- 3 AA Rechargeable Batteries

Functions:
- Measures: CO, CO2, Flue and Ambient Temperature
- Calculates: O2, Efficiency (Net or Gross), Excess Air, CO/CO2 Ratio and Differential Temperature
- 1-Year limited warranty

STOCK NO	EACH
C161	675.71

Smart Refrigerant Complete Kit



Includes:
- Pressure probes 2 (WPP1)
- Pipe clamp probes 1 (WPC1)
- Connector cables (2)
- Carrying case
- Batteries 2 (AA) and 2 (AAA)

Features:
- In App temperature split, psychrometric, & system refrigerant charging calculations
- Pass through refrigerant ports
- 180° rotation
- Slimmest ¼" hygrometer probe
- Narrow pipe clamp jaw
- Requires FREE App "UEi HUB" (iOS/Android)

STOCK NO	EACH
HUB6	724.70

Micron Gauge



Measures in microns, pascals, Millibar, mmHg, mTorr.
Range 0 to 15,000 microns
Maximum over pressure 700 psi

Includes:
- 45° degree coupler
- 1 Battery (CR123A)

Features:
- Instant warm-up/response time
- Oil contamination detection
- Sensor fail detection
- 1-Year limited warranty

STOCK NO	EACH
DMG150	225.32

Smart Wireless High Capacity Refrigeration Scale



Measure refrigerant weights in english/Metric units and charge HVAC/ refrigeration systems

Includes:
Rechargeable batteries & charger cable with carrying pouch

Features:
- Capacity 330 lbs.
- Optional display on mobile device with free iOS® or Android™ App
- Hoist clip access
- 1-Year limited warranty

STOCK NO	EACH
WRSX	428.34

Refrigerant Leak Detector



Detects Industry Standard Refrigerants

STOCK NO	EACH
RLD15	393.55

UEI Instruments (40)

Test & Measurement Instruments.

ueitest.com

Electronic Manometer



Dual Input • Differential Pressure
1 Year Limited Warranty

STOCK NO	EACH
EM152	154.00



Dual Input • Hi-Res
1 Year Limited Warranty

STOCK NO	EACH
EM720	200.21



Dual Input • Hi-Res Kit
Includes:
EM720 Manometer
Stepped T Fitting (2)
Static Pressure Probe (2)
Pressure Tubing w/ Brass Fitting (2)
Step connector w/ 3.15" tubing (2)
60" Pressure Tube
3 (AA) Batteries
Soft Case

STOCK NO	EACH
EM720SPKIT	256.70

Carbon Monoxide Detectors



Detect CO to 1 ppm
Reads up to 999 ppm CO
3-color warning light & Audible alert

STOCK NO	EACH
CO71A	239.24

Digital Psychrometer



Measures: Temperature
Relative Humidity
Calculates: Wet Bulb, Dew Point, Enthalpy, Min / Max, & Data Hold

STOCK NO	EACH
DTH35	117.49

In-Duct Anemometer Psychrometer



Measures: Air velocity, temperature, RH%
Calculates: Air volume, wet bulb, dew point

STOCK NO	EACH
DAFM4	464.72

Digital Infrared Thermometer



Features:
- 12:1 Distance to Spot Ratio
- Advance Temperature Range (–36.4° to 689°F)
- Laser Targeting
- Three year limited warranty

STOCK NO	EACH
INF165C	69.99

Digital Pocket Thermometers



STOCK NO	EACH
Temp range -58°-572°F	
550B	29.90
Folding • Temp range -58°-572°F	
PDT650	29.78

Dial Pocket Thermometer



Temp range 0-220°F

STOCK NO	EACH
T220	11.25

Apollo II Thermometer



Dual Input • Temp range:
-346°-2192°F (J) / -328°-2498°F (K)

STOCK NO	EACH
DT302	200.52

Accessories

Test Lead Kit



1 Year Limited Warranty

STOCK NO	EACH
ATL301KIT	61.57

Test Leads



For Use with DL429 & DL389B.

TYPE	STOCK NO	EACH
Standard	ATL55	19.36
Back Probe Kit	ATLBPK	39.85

K-Type Temperature Probes



Used with C155, DL389B, & Infrared thermometers

TYPE	STOCK NO	EACH
Fiberglass Coated	ATT29	33.38
Fluoroplastic Coated	ATT29A	32.30

Pipe Clamp Probe



Used with DL389B, DL599 & C161

STOCK NO	EACH
ATTPC4	59.26

AF10 Fuse



.6 Amp • .5 OHM • 3-Pack
Used with M110A

STOCK NO	EACH
AF10	14.33

AF39 Fuse



11 Amp • 100v
Used with DM393

STOCK NO	EACH
AF39	19.36

AF38 Fuse



440 Millamperes • 1000v
Used with DM393

STOCK NO	EACH
AF38	19.36

Thermal Paper



Replacement for C155KIT/C85KIT Combustion Analyzer

STOCK NO	EACH
16646	13.30

Partical Filter



Replacement for C155KIT/C85KIT Combustion Analyzer

STOCK NO	EACH
17631	10.35

Flue Probe



Replacement for C155KIT/C85KIT Combustion Analyzer

STOCK NO	EACH
KMCP2	227.43

General Purpose Sealants (18)

ipscorp.com

Black Swan Silicone Sealant



A 100% silcone chaulk. For indoor or outdoor use. Remains permanently flexible. Can be used between temperatures of -60°F to 450°F.

COLOR	STOCK NO	EACH
White 3 oz.	3OZWHTUCA	6.69
Clear 3 oz.	3OZCLTUCA	6.69

DAP® Silicone Rubber General Purpose Sealant



Permanently flexible, 100% silicone rubber sealant. Forms a waterproof, seal that resists temperature extremes. Won't crack, crumble or dry out. Hundreds of interior/exterior sealing uses. Temperature service range -60° to 450° F.

COLOR & SIZE	STOCK NO	EACH
Clear 10 oz.	10OZCLSI	12.49
White 9.8 oz.	10OZWHSI	12.23
Aluminum 9.8 oz.	10OZALUSI	15.06

DAP® Acrylic Latex Caulk with Silicone



This superior quality caulk forms flexible, weatherproof seals that last 25 years or more. Applies easily. Cleans up with water. Paintable. Excellent adhesion to wood, metal, masonry and dissimilar/similar materials.

COLOR & SIZE	STOCK NO	EACH
Clear 10 oz.	10OZCLACSI	6.01

DAP® Kwik-Seal Tub & Tile Caulk



All purpose tub and tile caulk that forms a neat, watertight seal around tubs, sinks, shower stalls and much more. Resets loose tile. Stays flexible. Resists mildew and yellowing.

COLOR & SIZE	STOCK NO	EACH
White 6 oz.	6OZWHKWSE	5.37
Almond 6 oz.	6OZALKWSE	4.81
Clear 6 oz.	6OZCLKWSE	5.57

Liquid Nails® Silicone Premium Universal Sealant



A high performance sealant for outstanding water resistance and flexibility. Won't shrink or crack. Withstands harsh temperatures.

COLOR & SIZE	STOCK NO	EACH
Clear 10 oz.	10OZLNCLSI	7.09

Rubberized Mastic Pipe Coating



From irregular fittings to joints, Roskote A-51 will not break down from fuel oil or gasoline. Easy to spread and resistance to sag by brush, glove or spray application.

STOCK NO	EACH
1GARUMA	129.66

(14b)

BZB-100 Brite Zinc Spray



12 oz. spray

STOCK NO	EACH
BZB100	35.62

Sta Put



A stainless plastic putty which does not shrink. A flexible, stretchable compound for professional use in setting bowls, fixtures, faucets, basin cocks, strainers, plugs, sink frames and other sealing and calking applications requiring a stainless, plastic putty with excellent adhesive qualities. Will not stick to hands.

SIZE	STOCK NO	EACH
14 oz.	14OZSTPU	2.76
5 lb.	5LBSTPU	12.64
7 lb.	7LBSTPU	18.67

Sta Put Ultra



For Porous Surfaces such as marble or granite
Not for use on ABS

SIZE	STOCK NO	EACH
14 oz.	OA25171	7.81

Roof and Flashing Cement



A special bituminous composition with superior adhesion under severest weather conditions. Improved, heavy, paste-like consistency; easily applied with trowel or putty knife. Adheres to wet or moist surfaces; can be applied in rain. Forms durable, flexible weather-proof coating around flashings, cooling towers, skylights. Adheres to concrete, metal, tile, roofing and masonry. Excellent for patching, repairs and general water proofing. Meets or exceeds Federal Specifications.

SIZE	STOCK NO	EACH
10 Lb.	10LBGAROCE	28.00
10.3 oz	10OZCAROSE	10.70

Pro-Poxy 20



Fast acting, single stick, steel-reinforced epoxy putty. Makes steel-hard repairs in 20 minutes. seals, mends, bonds, repairs almost anything—even under water. Two-part epoxy compound mixes quickly and easily and adheres to metals, masonry, wood, glass, ceramics and most plastics. Withstands temperatures to 300° F. Compression strength 18,000 psi, tensile strength 6,000 psi. Electrically non-conductive. When cured, may be drilled, sanded, filed and painted.

SIZE	STOCK NO	EACH
4oz.	4OZPRPO	13.48

Pipetite-Stik



Thread compound in handy stick form. For water, steam, air, natural gas and LP gas. Use on metal threads. Non-toxic, lead-free.

SIZE	STOCK NO	EACH
Regular.	PITIST	2.11
Jumbo	JUPITIST	6.90

DAP® KWIK SEAL PLUS®



Premium Kitchen & Bath Adhesive Caulk w/MICROBAN®
Premium adhesive caulk with MICROBAN® Antimicrobial Product Protection fights the growth of stain and odor-causing bacteria, mold and mildew on the caulk. Specially formulated siliconized latex provides maximum adhesion and flexibility for a watertight seal. Paintable. Easy water clean-up. Low odor. Backed by a Crack-Proof Guarantee.

COLOR & SIZE	STOCK NO	EACH
White, 5.5oz.	6OZWHMBKWSE	7.47
Biscuit, 5.5oz.	6OZBSMBKWSE	7.47

DAP® High Temp Silicone



High-performance sealant designed especially for extreme high temperature application

- Seals All Extreme Temperature Applications
- Remains Flexible up to 550°F (INTERMITTENT)
- Will Not Crack or Shrink
- Weather Resistant
- Exterior/Interior

COLOR & SIZE	STOCK NO	EACH
Red, 10.3 oz.	10OZHTREDSI	16.11

DAP® HVAC Silicone



High-performance sealant designed especially for HVAC applications

- Seals All Extreme Temperature Applications
- Long Lasting Durability
- Remains Flexible up to 475°F
- Will Not Crack or Shrink
- Weather Resistant
- Exterior/Interior

COLOR & SIZE	STOCK NO	EACH
Clear, 10.3 oz.	10OZHVACSI	14.69

(27)

Shurtape® Corrosion Protection Pipe Wrap Tape



- General purpose grade PVC pipe wrap tape
- Resists corrosion, moisture, bacteria, fungus and abrasion
- UV-resistant & Lead free
- Excellent moisture resistance & conformability

No. PW 100

SIZE	STOCK NO	EACH
2"x100'	2PIWRTA	8.88

(40)

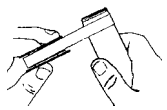
Cork Insulation Tape



- Supplied on easy to use rolls.
- Adheres firmly to all metals.
- Can be used on hot or cold pipes.
- Won't dry or crack.
- Stops condensation and drips.

STOCK NO	EACH
BR1006.	20.55

"Teflon" Pipe Thread Sealant Tape



SIZE	STOCK NO	EACH
½ x 520"	12TETA	1.36
¾ x 520"	34TETA	3.15

Fire Safety Systems (18)

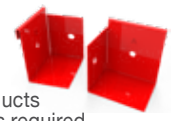
Fire Sealing Systems
rectorseal.com

(40)
Touch 'N Seal Instant Sealant

Energy saving expanding sealant. Polyurethane foam designed to fill holes, cracks and voids, deaden sound and prevent passage of dirt and water.

STOCK NO	EACH
TOSE	20.49

STI Firestop Systems
stifirestop.com

FyreFlange HVAC Firestop Corner Clips

- Tested for bare or insulated ducts
- No caulk or packing materials required

Must order STIFFC22 in bag quantities of 8

DESCRIPTION	STOCK NO	EACH
1 Corner Clip	STIFFC22	54.26
150' Gasket Roll	STIFFG100	811.70

SSP Putty Pads

- SSP Firestop Putty excels at sealing cabling penetrations and outlet boxes
- Remains pliable and workable over time

SIZE	STOCK NO	EACH
7¼" x 7¼" x 3/16"	STISSP4S	6.77

LCI Intumescent Firestop Sealant

- Tested for use in through-penetration and construction joint configurations
- Compatible with CPVC Piping
- Can be sanded and painted

SIZE	STOCK NO	EACH
10.1 oz. Tube	STILCI300	10.19
20 oz. Sausage	STILCI320	15.97

SSS Intumescent Firestop Sealant

- Works into tight spaces between penetrants
- Compatible with CPVC Piping
- Can be sanded and painted

SIZE	STOCK NO	EACH
10.1 oz. Tube	STISSS100	20.56
20 oz. Sausage	STISSS120	35.15

Sausage Size Caulking Gun


STOCK NO	EACH
STISSASCG	112.18

SpecSeal® CID Cast-In Firestop Devices

- No firestopping step required
- Pre-installed fire and smoke sealing
- Added protection against transient water
- Adapts to a wide variety of conditions
- Pipes can be installed from top or bottom

SIZE	STOCK NO	EACH
2"x10"	STICD201	14.43
3"x10"	STICD301	21.06
4"x10"	STICD401	24.46

LCC Intumescent Firestop Collars

- For Trade Size Combustible Pipes
- Installs quickly and eliminates waste

SIZE	STOCK NO	EACH
1½"	STILCC150	9.89
2"	STILCC200	11.98
3"	STILCC300	15.79
4"	STILCC400	24.56
3"-4" adjustable	STIRTC350	50.22
6"	STISSC600	83.25

SSW Intumescent Wrap Strips

- Red for Plastic piping up to 6"
- Blue for Plastic piping up to 12"

COLOR & SIZE	STOCK NO	EACH
Red 1½"x12'	STISSWRED2	60.21
Blue 2"x12'	STISSWBLU2	90.34
Metal Restraining Collar for Blue Strips		
25'	STISWRC	105.58

Closet Flange Firestop Gasket

Remove perforated sections and slip onto flange.

SIZE	STOCK NO	EACH
3" or 4"	STICF34	36.27

Millrose

bluemonsterproducts.com



(40)

Blue Monster

Thread sealing compounds.

SIZE	STOCK NO	EACH
WITH PTFE		
1/4 pt.	MI76001	11.08
1/2 pt	MI76003	17.28
WITH-OUT PTFE		
1/4 pt.	MI76009	10.03
1/2 pt	MI76011	15.81



(40)

Blue Monster

Nickel Anti-Seize Lubricant

SIZE	STOCK NO	EACH
1/2 Pint	MI76020	30.91
1 Pint	MI76022	62.67



(40)

Blue Monster

PTFE Thread Sealing Tape

SIZE	STOCK NO	EACH
1/2" x 1429"	MI70885	5.19
3/4" x 1429"	MI70886	7.06



(40)

Mill-Rose Clean-Fit

Stainless Steel Thread Sealing Tape

SIZE	STOCK NO	EACH
1/2" x 260'	MI70891	10.46
3/4" x 260'	MI70892	15.70



Blue Monster

Compression Seal Tape

Stops problem leaks under pressure without turning off the water source.

SIZE	STOCK NO	EACH
1" x 12'	MI76085	42.75



Rectorseal No 5

Slow-drying compound for carrying numerous types of liquids and gases in a wide range of industries. It is especially applicable for threaded PVC, steel, iron, copper, and fiberglass reinforced pipe.

SIZE	STOCK NO	EACH
4 oz.	14PT5RESE	14.36
8 oz.	12PT5RESE	21.33
Pint	PT5RESE	33.59



Rectorseal No 5 Sub-Zero

It is a variation of the basic Rector-Seal No. 5 formulation for those applications where a low odor sealant with low temperature application is a particular requirement. Formulated to seal threaded pipe connections against leakage due to internal pressure.

SIZE	STOCK NO	EACH
Pint	PTSUZERESE	38.32



Rectorseal No 2 with Teflon Plus

Fast-dry soft-set pipe thread sealant. It is a dispersion of inert filler in an oleoresinous base, diluted with organic solvents to facilitate application to threaded pipe connections, and is formulated to seal those connections against leakage due to internal pressure. Also used on gasketed flanged connections to hold the gasket and for added sealing.

SIZE	STOCK NO	EACH
1/2 pint	12PTTP2RESE	22.50
Pint	PTTP2RESE	35.67



Rectorseal Food Grade

Food Grade Anti-Seize is for use where minor food contact is possible. Aluminum-complex-based anti-seize is entirely made of ingredients meeting FDA requirements. Protects metal parts from seizure, galling, rust, corrosion & heat freeze. Conforms to FDA regulations CFR-21-178, 3570.

SIZE	STOCK NO	EACH
1lb.	RE73931	34.62



Oxy-Tite

For OXYGEN Service

Pipe Thread Sealant with PTFE

SIZE	STOCK NO	EACH
4 oz.	4OZOXTI	222.62



White Seal

Pipe Joint Compound with Teflon®

For sealing and lubricating all metal plastic threaded piping systems carrying acids, air, gases, ammonia, brine, caustic alkalis, corrosives, freons, fuel, oils, solvents, sugar, steam and water. Not for fluorine, molten metals or oxygen systems.

SIZE	STOCK NO	EACH
1/2 pint	12PTWHSE	20.18
Quart	QTWHSE	56.05



Megaloc™ Blue Thread Sealant

Use on steel, galvanized steel, iron, brass, copper, stainless steel, aluminum, ABS, PVC, CPVC to carry a wide variety of gases and liquids. Not recommended for use on concentrated acids and alkalis, ketones or oxygen. Non hazardous and non-flammable.

SIZE	STOCK NO	EACH
1/2 pint.	12PTMELO	19.49
Pint.	PTMELO	31.50



Grrip Lite

LEAD-FREE

All-purpose, leakproof, non-hardening pipe joint and gasket seal. -90° to +410°F, 12,000 psi (hydraulic), 2600 psi (gas)

SIZE	STOCK NO	EACH
Pint	PTGRLI	26.59



Slic-Tite Paste

With PTFE. Heavy-duty thread sealing compound. Non-toxic, non-drying, anti-seize.

SIZE	STOCK NO	EACH
1/2 pt.	12PTSLTI	22.65
Pint	PTSLTI	39.62



"X-PANDO" Pipe Joint Compound

For filling sand holes, anchoring bolts, machinery, etc. Withstands deflection, high temperature, vibration. It expands and contracts with pipe movement. Will withstand any pressure ordinary pipes will. Can be used in below freezing temperatures.

SIZE	STOCK NO	EACH
1 lb.	LBXPAPIJOCO	17.86

Boiler and Furnace Chemicals (18)

blackswanmfg.com

Furnace Cement



High-Temperature compound. Ready-to-use for setting up furnaces, ranges, stoves. Makes joints acid-proof, gas-proof, smoke-proof, fireproof. Will not crumble when dry.

SIZE	STOCK NO	EACH
1/2 Pint	12PTFUCE	3.69
1/2 Gallon	12GAFUCE	23.05

Liquid Boiler Seal



- Companion to Powder Boiler Seal to be used whenever a liquid seal is required.
- Will not clog system.
- Recommended for all new installations.

SIZE	STOCK NO	EACH
Quart	QTBOSE	9.54

Liquid Boiler Cleaner



A powerful liquid designed to clean hot water systems. Removes scale, rust, grease, dirt and oil.

SIZE	STOCK NO	EACH
1 Gallon	BS06012	30.67
5 Gallon	BS06013	134.79

fernox.us

(24)

Filter Fluid+ Protector



An innovative inhibitor and dispersant package that detects and delivers sludge and debris to any system filter.

- Protects the system against corrosion and scale formation
- Increases the effectiveness of any filter
- Maximises the ongoing cleaning process by delivering any remaining system debris to a filter

SIZE	STOCK NO	EACH
10oz	F62712	45.42
5 Gallon	F62225	376.29

(40)

Safe Liquid Boiler Stop Leak



Effective in all systems, but is specially formulated for systems with submerged coils & sensitive control devices.

SIZE	STOCK NO	EACH
Quart	QTBOSTLE	16.65

Flip Stick Soot Destroyer Toss-in pack



- For clean, easy, effective soot removal.
- No mixing, measuring, spraying.
- No package to open.
- Flip the stick into the hot chamber or firebox.
- Flip-Stick removes costly fuel consuming deposits of soot and carbon.
- For oil, gas, coal, coke, and wood heating units.
- Non-explosive.

SIZE	STOCK NO	EACH
4 oz.	4OZSODE	5.19

(40)

Squick



Guaranteed to stop steam boiler surge instantly. Squick floats on the surface of the boiler water absorbing impurities, and at the same time releasing an effective oxygen scavenger, protecting the boiler from corrosion.

1 - 5oz. can per 100MBH

SIZE	STOCK NO	EACH
5 oz.	5OZSQCL	16.65

Rust-Raider



Protects entire system. Rust-Raider turns boiler water blue. If water changes to any other color, add Rust-Raider until water is blue and SAFE again.

SIZE	STOCK NO	EACH
Quart	QTRURA	9.52

(40)

Axiom Cleaners



DESCRIPTION	STOCK NO	PRICE
2-Part, Aluminum Boiler Cumbustion Side Cleaner	AXCF9AL	139.61
Cumbustion Side Cleaner for Condensing Heat Exchangers	AXF9FSTEEL	76.10

(40)

Hydronic Formula #5



- Frees and lubricates zone and radiator valves
- Protects pump parts & removes insulating sludge deposits.
- #5 will prevent further clogging of valves and submerged coils.

SIZE	STOCK NO	EACH
Quart	QTHYFO	16.65

(40)

pH Calibration Fluid



DESCRIPTION	STOCK NO	EACH
pH10	HI7010	38.19

(40)

Inhibitor Boost



For raising pH levels.

No. 18-470

TOCK NO	EACH
ANFRINBO	21.58

(40)

Anti-Freeze Test Strips



For testing pH & anti-freeze levels.

No. 18-460

STOCK NO	EACH
ANFRTEST	19.78

(40)

pH Test Papers



For GB Boiler Series

STOCK NO	EACH
94	12.08

Boiler and Furnace Chemicals (40)

rhomarwater.com fernox.com

Portable Glycol Refractometer



Fastest and easiest method for ensuring accurate ethylene and propylene glycol levels.

DESCRIPTION	STOCK NO	EACH
2° Resolve	RF40	212.53

Digital pH Tester



DESCRIPTION	STOCK NO	EACH
pH Tester	HI98127	190.31

pH Boost/pH Down



Water treatment compound for raising or lowering pH of water and glycol fluids.

STOCK NO	EACH
PHBOOST	41.15
PHDOWN	81.02

BoilerGard™ 1202



A high performance, non-toxic corrosion and scale control additive for water and glycol/water fluids

STOCK NO	EACH
BOILERGARD1202	62.84

Pro-Tek 922



Corrosion Inhibitor Treatment for Aluminum, Stainless Steel & Multi-Metal Closed Loop Systems. Safe on PEX and Onix tubing. Helps control system pH. Envoronmentally friendly.

SIZE	STOCK NO	EACH
1 Gallon	922	83.12

Hydro-Solv 9100™



Hydronic system cleaner for closed loop heating and cooling systems. Cleans metal, flux, cutting oil, rust and dirt. Removes Scale and corrosion. Biodegradable and envoronmentally friendly

SIZE	STOCK NO	EACH
1 Gallon	9100	66.19

Boiler Chemical Treatment Kit



Formulated to clean and protect residential & small commercial hydronic heating systems.

Kit 83287 Includes:

- Hydro-Solv™ 9100 Cleaner
- PRO-TEK® 922 Inhibitor
- pH Test Strips
- PRO-TEK® Test Strips

STOCK NO	EACH
BCTK	72.76

Skale-X™ Descaling Kit



Safe to Handle, Environmentally Friendly and Biodegradable.

- 2 - 5' Hoses
- 1 - 5 Gallon Pail
- 1 - Instruction Card
- 2 - 32oz Bottles of Skale-X™ Descaler
- 1 - 1/6 HP 1300 GPH Submersible Pump

DESCRIPTION	STOCK NO	EACH
Complete Kit	SKKIT	192.35
Gallon refill	SKALEX	35.10

RhoGard™ *Ultra*



Aluminum and Stainless Steel safe multi-metal antifreeze and heat transfer fluid specially blended with VIRGIN PROPYLENE GLYCOL, industrial corrosion inhibitors and performance additives.

SIZE	STOCK NO	EACH
5 Gal	RHOGARDULTRA	253.73
55 Gal	RHOGARDULTRA55	2582.87

FREEZE AND BURST PROTECTION CHART		
RhoGard™ Ultra	Freeze Point	Burst Protection
70 %	< -60 °F	-100 °F
60 %	-48 °F	-100 °F
50 %	-21 °F	-75 °F
40%	-3 °F	-60 °F
35%	+5 °F	-30 °F
30%	+10 °F	-10 °F
25%	+15 °F	+3 °F
20%	+19 °F	+14 °F

EnviroGard™ *Ultra & Ultra HD*



Non-Toxic Antifreeze • NOT Aluminum Safe (Protects Cast Iron, Copper, Steel and Brass)

Ultra HD:

Ultra Concentrated, can be diluted on-site with distilled or D.I. water

Approved for Ground Source Applications

SIZE	STOCK NO	EACH
5 Gal HD	ENVIROGARDHD	258.71
5 Gal	ENVIROGARDULTRA5	253.33
55 Gal	ENVIROGARDULTRA55	2578.50

Fernox Central Heating



DESCRIPTION	STOCK NO	EACH
Protector F1 Express		
F1 • 400ml	F62673	43.37
Heating Cleaner F3 Express		
F3 • 400ml	F62675	43.38
Leak Sealer F4 Express		
F4 • 400ml	F62676	44.04

(24)

Boiler Express Commissioning Kit



- Maintain the design spec. and energy efficiency
- Restore energy efficiency
- Inhibit the formation of scale and sludge
- Minimize corrosion of system metals
- Express format for easy use

STOCK NO	EACH
F62089	77.10

(18)

Straight Barb Adapter



Poly Hose Fitting works with Fernox Cans

SIZE	STOCK NO	EACH
¾" FHT x ¼" Barb	SC938	3.91

Antifreeze Protector Alphi-11



- Renders water non-corrosive to steel, cast iron, copper, brass and aluminum
- Combined antifreeze and Protector
- Prevents lime scale build-up
- Compatible with all metals and materials commonly used in heating systems
- Maintains efficiency so extending system life
- Non-toxic, environmentally friendly

SIZE	STOCK NO	EACH
5 Gallon	F155738005	207.07
55 Gallon	F155738055	2176.89

DS40 Descaler and System Cleaner



- Removes limescale, sludge and other deposits
- Multi-purpose descaler and cleaner
- Restores circulation and improves heating efficiency where scale build-up is present
- Free-flowing powder with red color indicator
- Neutralizer packets included in each box

SIZE	STOCK NO	EACH
4.19lbs	F61102	72.28

Drain and Septic System Chemicals (18)

blackswanmfg.com thriftmarketing.com oatey.com

Zap Drain Pipe Opener



A powerful sulfuric acid. This product is ideal for dissolving organic matter, melting heavy grease deposits, and opening clogged drains.
RECOMMENDED FOR EXPERIENCED MAINTENANCE PERSONNEL

SIZE	STOCK NO	EACH
Quart	BS9020	7.51

Nyco "Calci-Solve"



Eats out rust and mineral deposits. Forms a protective coating on pipes, drains, and equipment while acid action does the work. Quickly dissolves the heaviest rust and mineral scale deposits in cooling towers, air conditioning, heating and all types of heat exchange equipment.

SIZE	STOCK NO	EACH
Quart	NC413424	19.14

(24)

Liquid Drain



1 quart commercial strength, non-acid, and non-flammable drain opener. Liquid Drain's penetrating surfactant foaming action lifts and pushes contaminants off to rapidly clear drain, sewer, or waste lines in 15-30 minutes.

STOCK NO	EACH
RE80391	18.72

Thrift Cleaner



- Non-acid formla, hot water activated.
- For use on small drains, grease traps, septic systems,root control.
- Will not harm fine fixtures, chrome trim, plastic or metal pipes.

SIZE	STOCK NO	EACH
1lb.	1LBTHDRCL	8.99
2lb.	2LBTHDRCL	17.00
6lb	6LBTHDRCL	49.95

Super Pro



Liquid Thrift Drain Cleaner

SIZE	STOCK NO	EACH
Quart	QTTHDCL	16.14

Bio-Clean



SIZE	STOCK NO	EACH
2lb.	BIOCLEAN	17.73

statewidesupply.com

Bowl & Porelain Cleaner



Less Swab

SIZE	STOCK NO	EACH
Quart	BS3105	4.60

Sizzle Bowl Cleaner



Effectively removes lime, rust, scale, concrete, hard mineral deposits, insoluble salts from water systems, waste lines, humidifiers, heating, processing, air conditioning equipment.

SIZE	STOCK NO	EACH
Quart	QTSIBOCL	20.12

Glug



Crystal Drain Opener
Non-acid crystals.
NOT for use in toilets.

SIZE	STOCK NO	EACH
1 lb	1LBGLUG	10.93
20 oz.	20OZGLUG	14.71
6 lb	6LBGLUG	57.78

Clenit™ Pump & Pit Cleaner



- Removes iron ochre, the red slime buildup, from your sump system and pit
- Helps to keep your pump and pit healthy
- Great solution for periodic pit maintenance

SIZE	STOCK NO	EACH
7 lb of Clenit Powder	GCL7	62.93