



2026 FALL HEATING SPECIAL



September 1 – October 31, 2026



**GOODIN
COMPANY**

www.goodinco.com | shop.goodinco.com
Plumbing • HVAC • Pipe • Valves • Fittings • Water Well • Industrial Supplies

TERMS

2026 Fall Heating Special

Overall qualifying order and ship date requirements.

All orders must be entered between September 1 and October 31, 2026, and made available for immediate shipment upon stock availability.

Early Pay Cash Discount – Does not apply to credit card payments.

Orders of \$3,500, or more, inclusive to product from the 2026 Fall Heating Special booklet, qualify for the use of the following preseason terms.

Orders are **NOT** cumulative

Pay the invoice by the 10th of the month following invoicing and take a 4% discount.

– or –

Pay the invoice by the 10th of the second month following invoicing and take a 2% discount.

– or –

Pay the invoice net 60 days.

Web Orders

New for 2026, Fall Heating Special orders can be placed online. When checking out, enter “FHS” into the promo field to bring up the option for special payment. Select Pre-Season for special terms listed above. These terms are not available to CC or COD accounts. Orders are NOT cumulative.

Gift Card Program

Each order of \$3,500, or more, inclusive to product from the 2026 Fall Heating Special booklet, qualifies you to receive a \$50 gift card from your choice of **Bass Pro Shops/Cabela's** or **Scheels**.

Gift cards will be calculated based on the FHS product total prior to tax and shipping; one card will be awarded for every \$3,500. For example, \$3,500 = 1 gift card, \$7,300 = 2 gift cards.

All orders that are eligible for a gift card **MUST SHIP** by November 7, 2026, unless the items are on backorder. Gift cards will be delivered by your sales rep at the conclusion of the special, allow 4-6 weeks for delivery.

Please allow for slightly extended lead times on your order of products from this special.

Goodin Company reserves the right to exclude special priced job orders from the above promotion.

Questions? Contact your sales rep or local Goodin Branch.



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Hot Water Coils



Willow Hot Water Coils

CFM	STOCK NO	EACH
800-1200	WSD16X16	383.49
1000-2100	WSD20X19	502.49
1600-2400	WSD22X22	603.45

Slimduct Line Set Cover



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	198.17

Components

SIZE	STOCK NO	EACH
3¾" x 78" Slimduct length		
SD100 White	RE85104	51.02
3¾" x 31" Flexible Elbow		
SD100 White	RE86108	21.54
3¾" Coupling • Joining 2 lengths together		
SD100 White	RE86110	10.24
3¾" Wall Inlet		
SD100 White	RE86116	29.02
3¾" 90° Flat Elbow		
SD100 White	RE86111	26.18
3¾" Soffit Inlet		
SD100 White	RE86114	22.57
3¾" 90° Vertical Elbow		
SD100 White	RE86102	26.68
3¾" End Fitting		
SD100 White	RE86107	12.85



Air Conditioner
Parts & Accessories

Diversitech Brackets

for Air-Conditioners & Heat Pump.
Powder coated gray finish.



SIZE	STOCK NO	EACH
36"	ACB36	47.50
42"	ACB42	63.50
48"	ACB48	55.81

Rectorseal Wall Brackets

- Sliding cross bar
- Includes level for convenience
- Width 3" - 30" for 300 lbs Capacity
- Width 93/4" - 31" for 500 lbs Capacity
- Depth 10 1/2" - 16"
- Powdercoat Steel



LOAD CAPACITY	STOCK NO	EACH
300 lbs	RE87733	85.28
500 lbs	RE87735	129.20

Room-to-Room
Ventilator

75 CFM • 1800 RPM



STOCK NO	EACH
TJAS1	171.77

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	118.32

Heat Pump Stands

- Powder coat finish
- Rust resistant
- Stackable for space
- Hardware included for MI stands

Adjustable top plates for MI stands others are reversible.

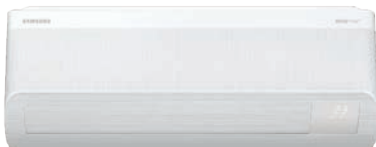
DIMENSIONS	CAPACITY	FITS PAD SIZE	STOCK NO	EACH
16" x 27" x 12" H	400lb	36" x 24"	MISPST	122.31
18" x 32" x 18" H	500lb	30" x 40"	MIN1832T	154.38
23" x 35" x 10" H	500lb	30" x 40"	MIN2335	155.56
18" x 32" x 10" H	500lb	24" x 36"	MIN1832	129.44
19 5/8" or 22 1/2" x 10" H	2,000lb	24" x 24"	HPS1923	136.56
28 5/8" or 32 5/8" x 10" H	2,000lb	36" x 36"	LEN2828	148.44



Samsung

WindFree™ Max Heat Series

Experience ultimate comfort and efficiency with the WindFree™ Max Heat®. The system's motion sensor helps you optimize energy savings and comfort in any space. It's an advantage no other residential HVAC system can match. Warranty 10 year Product Registration Required. Conditions Apply.



Wind-Free R-32 Indoor Units

R-32 • 208-230 V • Wireless Controller Included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
9,000	11,000	AR09DXDABWKNCV	547.95
12,000	12,000	AR12DXDABWKNCV	639.11
18,500	20,000	AR18DXDABWKNCV	913.08
22,000	25,000	AR24DXDABWKNCV	1033.61

Max Heat R-32 Outdoor Units

(Actual equipment appearance may vary)



208/230V • Stand or Wall bracket sold separately

SEER2/EER2	HSPF2	HEATING	STOCK NO	EACH
25/16.35	10.5	-22 - 75°F	AR09DXDACWKXCV	1132.87
24/14.10	10.5	-22 - 75°F	AR12DXDACWKXCV	1212.88
21/13.20	9.7	-22 - 75°F	AR18DXDACWKXCV	1660.05
20/12.80	9.5	-22 - 75°F	AR24DXDACWKXCV	1819.58

WindFree™ Standard R-32 Wall Mounted Heat Pump Units

FEATURES:

- Available capacities: 9K, 12K, 18K, and 24K Btu/h
- The system utilizes low-GWP R-32 refrigerant
- The system has a built-in Wi-Fi adapter as standard for control and monitoring using the Samsung SmartThings app.
- Easy access to wire, pipe, and drain connections via the access panel on the bottom of the unit for simple installation and service
- Warranty 10 year Product Registration Required. Conditions Apply.



Indoor Units

R-32 • 208-230 V • Wireless Controller Included

COOLING BTU/HR	HEATING BTU/HR	STOCK NO	EACH
9,000	11,000	AR09DXFAMWKNCV	434.00
12,000	12,000	AR12DXFAMWKNCV	453.25
18,000	21,000	AR18DXFAMWKNCV	591.00
22,000	24,000	AR24DXFAMWKNCV	703.93

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	173.37



Outdoor Units

208/230V • Stand or Wall bracket sold separately

SEER2/EER2	HSPF2	HEATING	STOCK NO	EACH
25.0/15.0	9.0	-5 - 75°F	AR09DXFAMWKXCV	602.64
24.0/13.25	9.0	-5 - 75°F	AR12DXFAMWKXCV	630.50
21.5/12.85	9.0	-5 - 75°F	AR18DXFAMWKXCV	896.88
20.0/12.20	8.0	-5 - 75°F	AR24DXFAMWKXCV	1070.58



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.



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	1348.10

Outdoor Unit

208/230V • Stand or Wall bracket sold separately

SEER2/EER2	HSPF2	HEATING	STOCK NO	EACH
20.0/12.0	9.0	-13 to 75°F	AR36DXFUMGMXCV	2218.13

-40° R-32 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
- Features WindFree™ mode where the unit will close its louver and will disperse air into the space through thousands of micro-holes on the front of the indoor unit preventing cold air drafts on occupants.
- SmartThings app to operate unit from almost anywhere
- Utilizes low-GWP R-32 refrigerant
- Warranty includes 7 year compressor, 5 year parts



Indoor Units

R-32 • Wireless control included; wired must be purchased separately

NOMINAL CAPACITY BTU/HR	STOCK NO	EACH
24,000	AC024DNADCGAA	1118.69
30,000	AC030DNTDCGAA	1311.64
36,000	AC036DNTDCGAA	1439.76



Outdoor Units

208/230V • Stand or Wall bracket sold separately

SEER2	EER2	CAPACITY RANGE BTU/HR	STOCK NO	EACH
21.0	13.0	4,000 - 22,000	AC018DXSCCFAA	1535.47
19.1	9.8	6,000 - 29,000	AC024DXSCCFAA	1833.25
19.8	10.4	8,500 - 37,000	AC030DXSCCFAA	2438.93
18.0	8.1	10,000 - 39,500	AC036DXSCCFAA	2761.02



HeatStar Unit Heaters

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
 - 1/2" 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	554.17
80,000	2,000	950	60	79	4"	HSU80NG	663.78
125,000	3,125	1,150	60	108	4"	HSU125NG	974.91

Big Box 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
 - 1/2" gas connection
 - CSA Certified

Big Box 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	1345.83
200,000	6,700	4"	HSU200NG	1646.67
250,000	8,400	6"	HSU250NG	1893.91
300,000	10,000	6"	HSU300NG	1970.64
400,000	13,400	6"	HSU400NG	2435.90

L.P. Conversion Kits

Big Box Sizes will require LP Conversion Kits

FOR MODEL NUMBERS	STOCK NO	EACH
HSU150NG Series	F163070	31.01
HSU200NG Series	F163071	38.86
HSU250NG Series	F163072	41.33
HSU300NG & HSU400NG Series	F163073	51.22

Flush Mount Quick Sling Bracket

For use up to 125M BTU

STOCK NO	EACH
QSWI3000	215.56





Reznor Unit Heaters

UDXC Universal, Gas-Fired Unit Heater

The TCORE2® titanium stabilized, aluminized 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		GAS CONNECTION/ VENT CONNECTION		CFM	STOCK NO	EACH
INPUT	OUTPUT, HIGH FIRE					
30,000	24,600	1/2" / 4"	456	UDXC30N	891.48	
45,000	37,350	1/2" / 4"	629	UDXC45N	927.69	
60,000	49,800	1/2" / 4"	769	UDXC60N	976.29	
75,000	62,250	1/2" / 4"	961	UDXC75N	1032.51	
105,000	87,150	1/2" / 4"	1345	UDXC100N	1181.17	
120,000	99,600	1/2" / 4"	1537	UDXC125N	1329.83	
150,000	124,500	1/2" / 5"	1921	UDXC150N	1456.57	
175,000	145,250	1/2" / 5"	2242	UDXC175N	1656.21	
200,000	166,000	1/2" / 5"	2562	UDXC200N	1736.74	
225,000	186,750	3/4" / 5"	2882	UDXC225N	1926.85	
250,000	207,500	3/4" / 5"	3202	UDXC250N	2017.85	
300,000	249,000	3/4" / 6"	3843	UDXC300N	2356.62	
350,000	290,500	3/4" / 6"	4483	UDXC350N	2813.56	
400,000	332,000	3/4" / 6"	5123	UDXC400N	2878.84	



Horizontal Vent Kits - CC6

STOCK NO	EACH
for UDZ & UDXC 30-125	
RE211762.....	336.38
for UDZ & UDXC 150-400	
RE211763.....	396.00
for UEAS	
RE221247.....	377.44

Vertical Vent Kits - CC2

STOCK NO	EACH
for UDZ & UDXC 30-125	
RE205895.....	358.88
for UDZ & UDXC 150-400	
RE205896.....	474.75
for UEAS	
RE221248.....	463.50

Ceiling Brackets

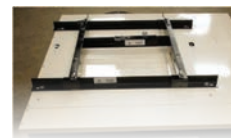
For use up to 400 lbs.

STOCK NO	EACH
UH24UNV.....	147.25

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.....	76.00





Infrared Heaters



TA Series Infrared Tube Packs

2-Stage • 120V 60Hz 1A

TUBE LENGTH	STOCK NO	EACH
10	TH10	302.97
20	TH20S	540.73
30	TH30S	714.70

Extension Pack

30	TX30S	606.57
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Infrared Burners

Natural Gas

MBTUH INPUT	TYPE	STOCK NO	EACH
80	NG	TSA08N	781.69
100	NG	TSA10N	781.69
125	NG	TSA12N	781.69
175	NG	TSA17N	781.69
220	NG	TSA22N	799.39

LP Conversion Kits

For TSA Series

BTUH INPUT	TYPE	STOCK NO	EACH
80,000	LP	CG096	16.12
100,000	LP	CG098	14.86
125,000	LP	CG100	16.64
175,000	LP	CG104	14.86
220,000	LP	CG108	14.86



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	1317.66

Accessories

DESCRIPTION	STOCK NO	EACH
LP Conversion Kit	RG035	18.90
Vent Elbow Kit	RT018	84.53



UXR Series Infrared Tube Packs

Rugged High Efficiency Heater - Model UXR
1-Stage • 120V 60Hz 1A • 1/2" NPT Connection

TUBE LENGTH	STOCK NO	EACH
10	TH10SSTM	354.32
20	TH20SSTM	661.69
30	TH30SSTM	931.99

Extension Pack

30	TX30SSTM	846.87
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Infrared Burners

Natural Gas • 1/2" NPT Connection

Type: NG

RATE BTU/HR	MIN. LENGTH	MAX LENGTH	STOCK NO	EACH
80,000	20'	40'	UXR08NS	1061.23
125,000	30'	50'	UXR12NS	1061.23

Accessories

Reflectors

DESCRIPTION NO	EACH	STOCK
Side reflector		
124" Reflector	CR019	40.31
Retainer Clip	CR035	4.96
Bracket	CR016	8.65
Top replacement reflector		
124" Reflector	CR001	80.89

"U" Tube Package

DESCRIPTION NO	EACH	STOCK
180°	CT080	161.60

Air Switch

MBTUH INPUT	STOCK NO	EACH
80-100	CE021	55.51
125	CE024	55.51

Elbow Package

DESCRIPTION	STOCK NO	EACH
90°	CT024	156.16

2-Stage Accessories

DESCRIPTION	STOCK NO	EACH
Gas Valve(40-125M)	CG066	180.92
Blower Assy(40-125M)	CE004	155.30

Accessories



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
1/2" FIP x 1/2" MIP		
(•) 24"	DO30313224	17.98
(•) 36"	DO30313236	20.53
48"	DO30313248	26.17
3/4" FIP x 3/4" MIP		
(•) 18"	DO30414218	15.71
(•) 24"	DO30414224	17.98
(•) 36"	DO30414236	20.53
48"	DO30414248	26.17

Aluminized Coupling

DESCRIPTION	STOCK NO	EACH
4"	CR010	23.11

Ignitor

DESCRIPTION	STOCK NO	EACH
Probe	CE002	13.48
Sensor	CE003	13.48

Aluminum Baffle Kits

DESCRIPTION	STOCK NO	EACH
6 foot	CT046	45.74
12 foot	CT047	80.75

Vent Terminal

DESCRIPTION	STOCK NO	EACH
4"	CT011	72.72

Tube/Reflector Hanger

STOCK NO	EACH
CR003	10.44



Electro Duct Furnaces



WarmFlo II™ EM-WU Series

Upflow 15"/18" Duct Heaters. 1 Phase

Not Compatible with 2-Stage Heat Pump

DUCT SIZE	KW	STOCK NO	EACH
15x18"	10	EMWU102S5SL1	1244.85
15x18"	15	EMWU153S5SL1	1447.59
15x18"	20	EMWU204S5SL1	1592.41
18x18"	15	EMWU153S8SL1	1447.59
18x18"	20	EMWU204S8SL1	1592.41
18x18"	15	EMWU254S8SL1	1824.12

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	1418.63
15x18"	EMWU153D5SL2	1650.34
15x18"	EMWU204D5SL2	1766.19
18x18"	EMWU153D8SL2	1650.34
18x18"	EMWU204D8SL2	1766.19
18x18"	EMWU254D8SL2	1997.90

WarmFlo II EM-WD Series

Downflow 18" Duct Heater.

SIZE	STOCK NO	EACH
10kW	EMWD153S5SL1	1505.52
15kW	EMWD153S8SL1	1505.52
20kW	EMWD204S8SL1	1621.37



EH-U Series

Upflow Duct Heater. 1 Phase

For Non-Heat pump applications ONLY •
Everything Included

DUCT SIZE	KW	STOCK NO	EACH
15x18"	10	EHU105	926.25
15x18"	15	EHU155	1100.03
18x18"	15	EHU158	1100.03
15x18"	20	EHU205	1215.88
18x18"	20	EHU208	1215.88
18x18"	25	EHU258	1447.59

Electro-Mate® HeatChoice

Downflow 18" Plenum Heater.

SIZE	STOCK NO	EACH
15kW	EHD158	1157.96
20kW	EHD208	1273.81



Packaged Make-Up Air Units

With Multi-Speed Control. 240v

SIZE	CFM	STOCK NO	EACH
10kW	625	EMMD10240110	2026.86

Accessories

Must use Electro Interfaces with any
EM-WU Plenum Heater

Model WF-EM3

Dual Fuel Interface

For Non-Heat Pump Systems

STOCK NO	EACH
WFEM3	507.30

Model WF-LGR4

H/P T-Stat Interface

STOCK NO	EACH
WFLGR4	752.40

Model WF-EZ3

4-Wire T-Stat Interface

For Heat Pump Systems

STOCK NO	EACH
WFEZ3	612.75

Model WF-DFHP1

Dual Fuel Heat Pump Control.

For heat pump & gas Furnaces
with no plenum.

STOCK NO	EACH
WFDFHP1	468.13

Model WF-ANZ7

WarmFlo Analyzer

STOCK NO	EACH
WFANZ7	468.13

Model WF-HP2

2-Speed heat pump control with plenum
heater.

STOCK NO	EACH
WFHP2	1221.23



Heat Recovery Ventilator



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	975.18
70 lb	179 CFM	205MAX	993.10
67 lb	267 CFM	267MAX	1448.69

RNC5-TPD
136 CFMRNC 155
148 CFMRNC 205
179 CFM

HRV RNC Series

Door Port Balancing & Adjustable Dampers

Excellent Low Temperature Performance

99-BC02 control box Sold Separately

- Recirculating

HXWXD	STOCK NO	EACH
5" Duct Top Port, Cross Flow Core 17 1/4" x 22 3/4" x 14"	RNC5TPD	784.75
3 select high-speed settings, HEX Core 19" x 33 5/8" x 14 3/4"	RNC155	742.50
Top Port, 3 select high-speed settings, HEX Core 18 3/4" x 33 5/8" x 15"	RNC205	762.50



METRO-120D

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	770.85
Horizontal mounting, ERV Core - ECM - Cold Weather 37 lb 114 CFM		METRO120ERVD	850.00

Lifebreath Equipment

Heat Recovery System Accessories

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	28.18



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	78.20



Basic Wall Control - BC02

- 2 speed fan setting (LOW / HIGH)
- Standby setting (fan OFF)
- Electronic Dehumidistat
- Connect to 3 wire 20 gauge low voltage wire

STOCK NO	EACH
99BC02	15.63



6" Flow Monitoring Station

STOCK NO	EACH
NU99152	101.81

6" Diameter Outside Weather Hood Kit

Carton contains 2 hoods, screens, decals, 12" sleeves and insulating duct collars.

STOCK NO	EACH
NU99186	61.53

Dual Hood 99-190

One Hood - Two Airflows.

STOCK NO	EACH
NU99190	150.65

HRV Foam Filter for Hex Core

2 Filter/Pair

MODEL/STOCK NO	EACH
6516112R	12.47

HRV Square Core Filter

2 Filter/Pair

MODEL/STOCK NO	EACH
6516012R	13.90

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	37.38



Repeater

- Extends range of wireless timer
- Plugs into outlet

Compatible with 99DET02

STOCK NO	EACH
99RX02	39.87



Replacement Parts

MAX Circuit Board Kit

STOCK NO	EACH
NU62244R	166.83

Electronis Upgrade Kit

STOCK NO	EACH
NU62214UPR	266.80

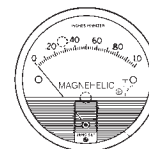
Dwyer Magnehelic Pressure Gauge

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	100.47
A302, static pressure tip	A302	16.87





Lifebreath Equipment

Clean Air Furnace Accessories

RSK Backdraft Damper

For 6" round duct work.

MODEL/STOCK NO	EACH
RSK6	21.50

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	1201.22

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	854.88

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	685.95

Accessories

Replacement HEPA Filter

For TFP 3000 HEPA.

MODEL/STOCK NO	EACH
NU65502R	280.29

Replacement Collector

For TFP 3000 HEPA.

MODEL/STOCK NO	EACH
NU65503R	126.96



Field Control Equipment

Healthy Home System Control

Home System Control

Programmable control for central system fan.

VOLTAGE	STOCK NO	EACH
24v	HHSCPLUS	148.70



Fresh Air Dampers

Power open/close

DUCT SIZE	STOCK NO	EACH
6"	FAD6	103.02
8"	FAD8	123.21



Media Air Cleaners

Media Air Cleaners

11 MERV rating

MEDIA SIZE	STOCK NO	EACH
16"x25"x5"	FC111625	97.28
20"x25"x5"	FC112025	98.55



Media Air Cleaners

Right Angle • 11 MERV rating

MEDIA SIZE	STOCK NO	EACH
20"x25"x5"	FCRA112000	144.82



Media Air Filters

MERV 8

MEDIA SIZE	STOCK NO	EACH
16"x25"x5"	16255M8	16.89
20"x25"x5"	P520X25X5	17.44

MERV 11

16"x25"x5"	16255M11	17.44
20"x25"x5"	.91006	18.00



Media Air Filters

11 MERV rating
Adjustable Height

MEDIA SIZE	STOCK NO	EACH
16-20"x25"x5"	FLEX2	29.99
16-20"x25"x4"	FLEX4	29.99
16-20"x25"x4"	FLEX5	29.99



Trio 3-Stage Air Purification

With UV Light & Odor Removal
13 MERV rating.

SIZE	STOCK NO	EACH
Media Cleaner 20"x25"x10"	TRIO2000	614.12
Media Filter 20"x25"x4"	TRIOFILTER	18.74
Replacement UV Lamp 22"	TRIOUVLAMPS	94.18
Replacement UV Lamp & Filter Set 22"	TRIO1000	68.13



Steam Humidifiers

Anode

Sacrificial anode for the humidifiers
Will last one full season, while maintaining

STOCK NO	EACH
Z100	18.32



Under Duct Bracket

STOCK NO	EACH
UNDUBR	40.24



Air Proving Device

A split core current sensing relay
will monitor the on/off status of any blower motor

STOCK NO	EACH
AIPRDE	198.19





Honeywell Air Quality Products

Humidifiers



Honeywell By Pass Flow Through Humidifier with Humidistat

Includes HumidiPRO Digital Humidity Control

CAP.	SQ. FT. COVERAGE	STOCK NO	EACH
12	1500	*HE100A1000	237.97
17	2000	*HE200A1000	260.86
CAP.	SQ. FT. COVERAGE	STOCK NO	EACH
12	1500	*HE150A1005	356.67
17	2000	*HE250A1005	381.11

* See your Salesperson for further discount.



Honeywell HE300 Powered Flow Through Humidifier

Includes HumidiPRO Digital Humidity Control

CAPACITY (GAL PER DAY)	STOCK NO	EACH
18	*HE300A1005	478.94

* See your Salesperson for further discount.

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	15.31
Antimicrobial	HC26E1004	26.83

* See your Salesperson for further discount.

For use with:

Honeywell: HE100, 150, 220 & 225
Aprilaire: 110, 220, 550 & 558

FOR USE WITH	STOCK NO	EACH
Standard	HC22A1007	10.86
Antimicrobial	HC22E1003	24.37

* See your Salesperson for further discount.



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	1171.90

* See your Salesperson for further discount.



Distribution Kit

15ft Insulated Steam Hose
Stainless Steel for HM750A1000

STOCK NO	EACH
HM750AHOSEKIT	231.86

* See your Salesperson for further discount.



Replacement Canister

For HM750A1000

STOCK NO	EACH
HM750ACYL	119.93

* See your Salesperson for further discount.

Honeywell Remote Mounting Kit

For use with Honeywell TrueSTEAM.

DESCRIPTION	STOCK NO	EACH
20'	.50024917002	198.00

Honeywell In-Line Filter

For use with Honeywell TrueSTEAM.

DESCRIPTION	STOCK NO	EACH
In-Line Filter	.50028044001	63.40



HumidiPRO

Digital Humidity Control
LESS Temperature Sensor

STOCK NO	EACH
H6062A1000	106.70

* See your Salesperson for further discount.



Air Purification Systems

Replacement Pads for Trion Humidifiers

Evaporating Pads for G100 & G200

FOR	STOCK NO	EACH
G100.....	G1166	18.39
G200.....	G2066	19.45

Honeywell Home Air Cleaners



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 superior strength and corrosion protection.

SIZE	CFM	STOCK NO	EACH
16x25"	1400	F300E1019	750.18
20x25"	2000	F300E1035	842.60

Replacement Filters

For use with Honeywell TrueCLEAN.

DESCRIPTION	STOCK NO	EACH
16" x 25".....	FR8000F1625	142.92

Honeywell Home Air Cleaners



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 maintenance beyond periodic media filter replacement.

SIZE	STOCK NO	EACH
16" x 20".....	F100F1620	130.48
16" x 25".....	F100F1625	130.48
20" x 25".....	F100F2025	130.48

Replacement Media

For Honeywell F100F Series

SIZE	STOCK NO	EACH
MERV 11 • From Honeywell Home		
4½ x 16 x 25".....	FC100A1029	32.10
4½ x 20 x 25".....	FC100A1037	32.10
4 x 16 x 20".....	FC100A1003	31.33
MERV 11 • From Field		
16"x25"x4¾".....	16254M11	16.62
20"x25"x4¾".....	20254M11	17.49

Honeywell Home UV Lamps



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
with AirBRIGHT Odor Absorption		
Single lamp.....	UV2400U5000	403.44
Replacement UV Lamps		
STOCK NO	EACH	
UV2400BULB.....	75.20	



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	348.19

Replacement UV Lamps

PRIOR to July 4, 2005

FOR	STOCK NO	EACH
UV100E1043.....	UC100E1006	94.13
UV100E2009.....	UC100E1030	104.59



Air Purification Systems

BreatheCLEAN



Ultraviolet Air Cleaner

- 2 Bulbs protrude 16" (or 9") into ductwork
- 253.7 nanometers
- 12 ft. cord

Size: 9³/₄" W x 2" H x 5³/₄" D

STOCK NO	EACH
7200100	218.28

16" Replacement Lamp

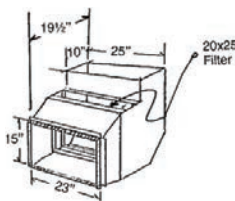
2-Bulb • 72watt • 253.79 Wavelength

STOCK NO	EACH
7900215	66.64

Shoe only (for Air Bear)

For 5" electrostatic filter.

STOCK NO	EACH
715HES	128.74



Air Filters



Disposable Polyester Air Filters

SIZE	STOCK NO	EACH
14x20x1	14X20X1FI	3.24
14x25x1	14X25X1FI	3.44
16x20x1	16X20X1FI	2.96
16x25x1	16X25X1FI	3.35
20x20x1	20X20X1FI	3.27
20x25x1	20X25X1FI	3.76
25x25x1	25X25X1FI	5.55
16x20x2	16X20X2FI	4.02
16x25x2	16X25X2FI	3.89
20x20x2	20X20X2FI	3.98
20x25x2	20X25X2FI	4.46



Pleated HE 40 Air Filters

SIZE	STOCK NO	EACH
12X24X1	12X24X1PLFI	5.04
14X20X1	14X20X1PLFI	4.81
14X25X1	14X25X1PLFI	5.18
14X30X1	14X30X1PLFI	7.49
16X20X1	16X20X1PLFI	4.63
16X24X1	16X24X1PLFI	5.40
16X25X1	16X25X1PLFI	5.17
16X26X1	16X26X1PLFI	13.99
16X28X1	16X28X1PLFI	12.76
18X18X1	18X18X1PLFI	6.61
18X20X1	18X20X1PLFI	6.50
18X25X1	18X25X1PLFI	7.13
20X20X1	20X20X1PLFI	5.02
20X25X1	20X25X1PLFI	5.87
20X30X1	20X30X1PLFI	8.24
24X24X1	24X24X1PLFI	6.50
24X30X1	24X30X1PLFI	9.89
12X24X2	12X24X2PLFI	5.17
14X20X2	14X20X2PLFI	5.35
14X25X2	14X25X2PLFI	5.98
16X16X2	16X16X2PLFI	5.62
16X24X2	16X24X2PLFI	6.10
16X20X2	16X20X2PLFI	4.55
16X25X2	16X25X2PLFI	5.06
16X30X2	16X30X2PLFI	15.60
18X18X2	18X18X2PLFI	6.30
18X24X2	18X24X2PLFI	6.60
20X20X2	20X20X2PLFI	5.19
20X24X2	20X24X2PLFI	6.79
20X25X2	20X25X2PLFI	6.04
20X30X2	20X30X2PLFI	9.65
24X24X2	24X24X2PLFI	6.81
24X30X2	24X30X2PLFI	23.29
25X25X2	25X25X2PLFI	9.65
16X20X4	16X20X4PLFI	9.99
16X25X4	16X25X4PLFI	10.60
20X20X4	20X20X4PLFI	10.60
20X25X4	20X25X4PLFI	12.01
24X24X4	24X24X4PLFI	12.87

Media Air Cleaner

Replacement Purolator Media for Electronic Air Cleaners "CUB"

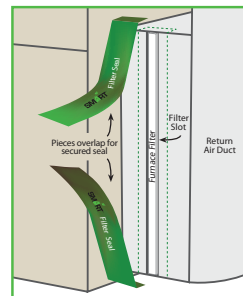
SIZE	STOCK NO	EACH
3"x15 ³ / ₄ "x24 ¹ / ₄ "	P120016X25X3	30.17



Purolator Key Pleat Air Filters

Standard-Capacity MERV 8, MERV-A 8-A

SIZE	STOCK NO	EACH
16x20x2	16X20X2KEYPL	3.39
16x25x2	16X25X2KEYPL	3.86
20x20x2	20X20X2KEYPL	3.94
20x24x2	20X24X2KEYPL	5.87
20x25x2	20X25X2KEYPL	4.65
24x24x2	24X24X2KEYPL	5.32



Smart Filter Seal

Prevents unconditioned air from bypassing filter.

Fits up to 25" filter slot opening.

STOCK NO	EACH
SMFISE	6.59



Broan Exhaust Fans and Accessories



Economy Bath Fan

- Molded plastic impellers, two-pole motor, 7 $\frac{1}{4}$ " x 7 $\frac{1}{2}$ " x 3 $\frac{5}{8}$ " 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	BRE688	19.53



Wall Heater

Includes Auto Shut off

Factory wired for 2000 watt at 240v, easily converts to half-wattage. 20 $\frac{1}{4}$ " x 16 $\frac{3}{8}$ "

MODEL	STOCK NO	EACH
192	BR192	340.63



Bulb Heater with Fan

- 250 watt infrared bulb (bulb not included)
- Attractive molded plastic grilles.
- 1 bulb heater/fan 70 CFM, 65 sq. ft.
- 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " with 4" duct diameter

MODEL	STOCK NO	EACH
162	BR162	75.56

Ceiling Vertical Discharge Fan

- Steel housing installs between ceiling joists.
- Built-in damper, uses 8" round duct.
- 180 CFM, 6.5 Sones, 11 $\frac{1}{2}$ " x 11 $\frac{1}{2}$ "

MODEL	STOCK NO	EACH
505	BR505	102.31



Ceiling Side Discharge Fan

- Mounting brackets are adjustable to allow installation between ceiling joists or walls studs
- Built-in damper requires 3 $\frac{1}{4}$ " x 10" duct.
- 200 CFM, 5 sones, 11 $\frac{1}{2}$ " x 11 $\frac{1}{2}$ "

MODEL	STOCK NO	EACH
503	BR503	112.25

FLEX DC™ Series Fans

- Low RPM for quiet operation
- FoldAway™ Mounting Ears
- FlexFlow™ CFM Technology
- Connector for 4" duct
- 3-Year Warranty
- 50-110 CFM0



MODEL	STOCK NO	EACH
Fan Only, No Light		
AE50110DC	BRAE50110DC	94.65
With LED Light • 11 watt, 3500K		
AE50110DCL	BRAE50110DCL	122.97

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	50.06
A110	110	BRA110	74.30

FLEX™ Series Fans

Same specs as above with 1-Year Warranty

MODEL	CFM	STOCK NO	EACH
AE80B	80	BRAE80B	48.20

FLEX™ Series Fans

Same specs as above with 3-Year Warranty

MODEL	CFM	STOCK NO	EACH
AE110	110	BRAE110	94.01

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	91.69

Losone Select® Ceiling Ventilator

- 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
- 11 $\frac{3}{4}$ "x12 $\frac{1}{4}$ "x12 $\frac{1}{4}$ " Housing with 14"x14" Grille



MODEL	CFM	DUCT SIZE	STOCK NO	EACH
L100	109	6"	BRL100	142.62
L200	210	8"	BRL200	167.27
L300	308	8"	BRL300	183.49

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"x10 $\frac{1}{2}$ "x11 $\frac{3}{8}$ " housing with 13"x13 $\frac{3}{4}$ " grille



MODEL	STOCK NO	EACH
LP80	BRLP80	69.48



Broan Exhaust Fans and Accessories

Roof Cap

- Footprint is 18 $\frac{3}{4}$ "x14 $\frac{1}{4}$ "
- Black with backdraft damper and bird screen



MODEL	STOCK NO	EACH
For 3$\frac{1}{4}$"x10" or up to 8" round duct		
634	BR634	36.34
For 6" round duct		
634M	BR634M	46.80

Roof Cap

- Footprint is 11"x9 $\frac{1}{4}$ " for 3" or 4" round duct
- Black with backdraft damper and bird screen



MODEL	STOCK NO	EACH
636	BR636	17.62

Wall Cap

- Black, 12 $\frac{3}{4}$ "x5 $\frac{5}{8}$ " for 3 $\frac{1}{4}$ "x10" duct
- Spring-loaded backdraft damper & bird screen



MODEL	STOCK NO	EACH
639	BR639	32.03

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	37.85

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.

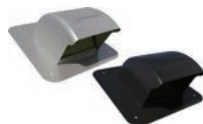


MODEL	STOCK NO	EACH
843BL	BR843BL	40.64

DryerJack

Model 477

11 $\frac{3}{4}$ " x 11 $\frac{1}{2}$ " Low profile, optimally designed for roof pitch between 3/12 and 12/12.



FINISH	STOCK NO	EACH
Mill Finish	DJK477MR	43.91
Black	DJK477KR	47.66

Wall Cap

- .025 Aluminum, 13"x12 $\frac{1}{2}$ " for 8" duct
- Built-in backdraft damper, 3 $\frac{3}{8}$ " collar



MODEL	STOCK NO	EACH
643	BR643	77.97

Wall Cap

Model 885BL/885AL

- 6 $\frac{1}{2}$ "x6 $\frac{1}{2}$ " for 3" or 4" round duct
- Spring-loaded backdraft damper & bird screen



FINISH	STOCK NO	EACH
Black	BR885BL	20.00
Aluminum	BR885AL	35.12

Digital Fan Control

FINISH	STOCK NO	EACH
White	HVC0001	65.69



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	40.64



AprilAire Humidifiers, Air Purification & Dehumidifiers

Whole-House Bypass Humidifiers

Includes:

- Humidifier
- Humidistat
- Water Panel(s)
- 24VAC Transformer
- Outdoor Temperature Sensor
- Saddle Valve



MODEL	HUMIDISTAT	CAPACITY (GAL PER DAY)	STOCK NO	EACH
400	Auto	17	APRIL400	304.95
500M	Manual	12	APRIL500M	174.51
500	Auto	12	APRIL500	218.56
600M	Manual	17	APRIL600M	200.84
600	Auto	17	APRIL600	273.91

Whole-House Fan-Powered Evaporative Humidifiers

Includes:

- Humidifier
- Humidistat
- HYDROL L Hydrocore Water Panel
- 4010 24VAC Transformer
- 4001 Saddle Valve



MODEL	HUMIDISTAT	CAPACITY (GAL PER DAY)	STOCK NO	EACH
620M	Manual	18	APRIL620M	200.84
620A	Auto	18	APRIL620A	266.67
720M	Manual	21	APRIL720M	358.43
720A	Auto	21	APRIL720A	401.77
Replacement Hydrocore Water Panel HYDROL				APRILHYDROL 23.83

Whole-House Steam Humidifiers

Includes:

- Humidifier
- Digital Automatic Humidistat
- Steam Canister
- Outdoor Temperature Sensor
- Saddle Valve
- 6' Steam Hose
- 7/8" x 10' Drain Tubing
- Hose Clamps
- Steam Dispersion Tube



MODEL	CAPACITY (GAL PER DAY)	STOCK NO	EACH
800	34.6	APRIL800	881.07
Low Conductive H2O			
800LC	34.6	APRIL800LC	881.07
Replacement Canisters			
80		APRIL80	81.36
80LC		APRIL80LC	78.49

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	690.06
Replacement Air Filter Media		
501	APRIL501	51.86

Air Filter Media

FOR MODEL(S)	STOCK NO	EACH
MERV 10		
2200 & 2250	APRIL201	37.90
2400	APRIL401	36.74
MERV 11		
1210, 2210, 3210, & 4200	APRIL210	44.65
1410, 2410, 3410, & 4400	APRIL410	41.20
MERV 13		
1210, 2210, 3210, & 4200	APRIL213	51.25
1410, 2410, 3410, & 4400	APRIL413	46.82
MERV 16		
1210, 1620, 2210, 2216, 3210, & 4200	APRIL216	95.83
1410, 1610, 2410, 2416, 3410, & 4400	APRIL416	95.83



Water Panels

FOR MODEL(S)	STOCK NO	EACH
110, 220, 500, 550, 550A, 558	APRIL10	7.72
112, 224, 225, 440, 445, 448	APRIL12	14.39
350, 360, 560, 568, 600, 700	APRIL35	10.79
400	APRIL45	25.75

Saddle Valve

STOCK NO	EACH
APRIL4001	12.67



Solenoid Valve 110V

STOCK NO	EACH
APRIL4005	93.31



Current Sensing Relays

VOLTAGE	STOCK NO	EACH
24V	APRIL50	35.60
120V	APRIL51	44.75

Whole-House Dehumidifiers

Includes:

- Dehumidifier
- 10" Outlet Duct Collar
- 10" Inlet Duct Collar
- Backdraft 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
E050	50 (7.5 Gal.)	APRILE050	929.86
E080	80 (10 Gal.)	APRILE080	1375.32
E100	100 (12.5 Gal.)	APRILE100	1588.29
Hard Wired			
E130H	130 (16 Gal.)	APRILE130H	2085.36

Scale Control Inserts & Maintenance Kits/Water Panels

FOR MODEL(S)	STOCK NO	EACH
500		
(10-Scale Control Inserts)	APRIL4640	15.44
700, 700A, 700M,		
760, 760A, & 768	APRIL4750	48.35
350 & 360	APRIL4785	88.65
400 & 400A	APRIL4788	88.09
500, 500A & 500M	APRIL4792	49.30
550, 550A & 558	APRIL4793	53.60
560, 560A & 568	APRIL4837	56.62
600, 600A & 600M	APRIL4839	50.19



Air Purifiers

SIZE	STOCK NO	EACH
MERV 11		
16" x 25"	APRIL1410	106.79
20" x 25"	APRIL1210	106.79
MERV 11 - Easy Install		
16" x 25"	APRIL1610	169.13
20" x 25"	APRIL1620	194.03
MERV 13		
16" x 25"	APRIL2410	135.26
20" x 25"	APRIL2210	135.26

Air Filter Performance Upgrade Kit

Upgrades MERV 10 Filters to MERV 13 Filters

FOR MODEL(S)	STOCK NO	EACH
2120 & 2200	APRIL1213	68.77
2140 & 2400	APRIL1413	68.77





Fantech RADON Ventilating Fans

DBF110 Dryer Booster Kit

4" Ducting • FR110 fan included.

MODEL/STOCK NO	EACH
DBF110	285.23



RSK Backdraft Damper

In-Line Backdraft Damper

SIZE	STOCK NO	EACH
4"	RSK4	14.63
6"	RSK6	21.50
8"	RSK8	25.17
10"	RSK10	36.49



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	355.66



Radon Fan

RN Series

MAX AIRFLOW	DUCTING	STOCK NO	EACH
166 CFM	4"	RN2	140.88



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	200.55
FG5	215.30
FG6	234.76
FG8	323.96
FG10XL	434.63



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	56.66



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	56.66

Electronic Push Button Timer

115 volt. 60, 30, 20, or 10 min.

STOCK NO	EACH
FD60E	52.99

Speed Control

ON/OFF Switch • 10amps.

For Use with ALL Models

STOCK NO	EACH
RPE10	71.77



Miscellaneous Air Conditioning Accessories

A/C Liquid Line Filter Dryer

- R-22 and R410-A. 100% molecular sieve.
- High moisture & acid capacity.
- Solid copper sweat fittings.



CONN. SIZE	FILTER AREA SQ. IN	*CAP. TONS R-22 & R410A REFRIGERANT	STOCK NO	EACH
O.D. Solder Connections				
3/8"	27	3	832515141	10.68
3/8"	34	4	832515142	11.85
1/2"	61	5	83ADK084S	20.53

Heat Pump Liquid Line Filter Dryer

CONN. SIZE	FILTER AREA SQ. IN	*CAP. TONS R-22 & R410A REFRIGERANT	STOCK NO	EACH
O.D. Solder Connections				
3/8"	34	5	83BFK163S	50.05



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		102.74
3/4" Insulation Thickness Dia. • E-Flex Guard 72C		
1 1/8"..... 118EFLEXKIT		102.74

E-Flex Guard

HVAC Line-Set & Solar Pipe Insulation Protectors UV Protected

SIZE	STOCK NO	EACH
1/2" x 75'..... 750E		326.83
3/4" x 75'..... 750C		351.22



Safe-T-Switches

- For installation on Drain Pans
- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire

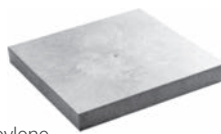
MODEL	STOCK NO	EACH
SS1.....	RE97632	26.50
SS2.....	RE97637	22.84
SS3.....	RE97647	13.29

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.....	51.41



A/C Pads

High impact polypropylene pad with UV inhibitors.

SIZE	STOCK NO	EACH
2" Textured gray surface		
24x24x2".....	ACP2424	17.54
24x30x2".....	ACP2430	30.45
30x30x2".....	ACP3030	22.42
30x36x2".....	ACP3036	45.20
30x40x2".....	ACP3040	64.08
32x32x2".....	ACP3232	24.52
34x34x2".....	ACP3434	45.85
36x36x2".....	ACP3636	28.47
38x42x2".....	ACP3842	57.18
3" E-Lite®		
18x38x3".....	ACP18383	21.68
3" Textured gray surface • Stocked in Fargo Only		
24x24x3".....	ACP24243	18.34
30x30x3".....	ACP30303	28.96
32x32x3".....	ACP32323	30.45
32x44x3".....	ACP32443	88.44
36x36x3".....	ACP36363	36.26

Heat Pump Pad

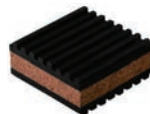
SIZE	STOCK NO	EACH
36x36x8".....	HP36368	78.24



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"x4"x3/8"	Rubber Only	MP4	1.05
2"x2"x7/8"	Cork Center	MP2C	.46
4"x4"x7/8"	Cork Center	MP4C	1.63



Furnace Mounting Block

SIZE	STOCK NO	EACH
4x6" Triangle.....	DIFB1	5.85



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.....	4.75
HPR-EXT - 4" Two Piece Extension	
HPREXT.....	3.21



Bramec Electrical Disconnect Switch

STOCK NO	EACH
60 AMP, 1PH Non-Fused Metal with GFCI	
BR13153.....	113.93
60 AMP, 1PH Non-Fused Metal	
BR13154.....	25.70
60 AMP, 1PH Non-Fused Plastic	
BR13146.....	44.27
30 AMP, 1PH, 3HP Fused Plastic	
BR13148.....	47.13

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	3.55
25 Amp, 250V.....	7CRNR25	4.03
30 Amp, 250V.....	7CRNR30	3.55





Miscellaneous Air Conditioning Accessories

DiveriWhips Condenser Wiring Kit

1-straight and 1-90° connector



DESCRIPTION	STOCK NO	EACH
1/2"x4' #10 THHN wire.....	6124NM	14.86
1/2"x6' #10 THHN wire.....	6126NM	17.79
3/4"x4' #8 THHN wire.....	6344NM	18.06
3/4"x6' #8 THHN wire.....	6346NM	26.78

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	10.30
Yellow		
#18-#12 AWG, Min 1#14 & 1#18, Max 2#14 & 3#16		
600V Max.....	6294CX	15.63
Red		
#18-#10 Min1#12 & 2#18, Max 2#10 & 1#12		
Red 600V Max.....	6296CX	24.15

Head Pressure Control



STOCK NO	EACH
ICM326HC.....	145.01

100 Pack Cable Ties

7" length, 2" max. bundle dia.



STOCK NO	EACH
6262CX.....	5.48

Bramec Foam Tape

2" x 30'. No. 1007



STOCK NO	EACH
BR1007.....	5.93

Post-Purge Fan Delay Timer Control



STOCK NO	EACH
ICM253.....	39.15

Refrigerant Recovery Cylinder (50 lbs)



STOCK NO	EACH
63010.....	133.13

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	207.51

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.....	99.85
With UV formula to detect larger leaks RE45318.....	79.48

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	57.67
KS-1	3.5-5 Tons	RE96506	67.93

Mega Bubble Leak Detector

32 oz. spray



STOCK NO	EACH
SPLDE.....	13.17

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	6.71

Novent Caps

Locking Refrigerant Caps



SIZE	FOR	QTY.	STOCK NO	EACH
1/4"	R-22	2 Pack	RE86662	15.76

Multikey

Fits all Novent Caps



STOCK NO	EACH
RE86698.....	16.30

Novent Keys

Screwdriver Key and Universal Cap



FOR	STOCK NO	EACH
R-22.....	RE86660	21.66
R-410A.....	RE86688	19.70



Miscellaneous A/C & Heating Supplies

A/C Leak Detectors & Accessories

Super Seal Advanced

AC/R Leak Sealant with Dry R

SIZE	STOCK NO	EACH
1.5-5 Tons.....	944KIT	62.49

Dry R

Moisture Eliminator

SIZE	STOCK NO	EACH
up to 5 Tons.....	973KIT	56.24

Super Change™

Converts non-POE oils to new HCF refrigerants.

Such as R22 to POE-based R407C & R410A.

SYSTEMS	STOCK NO	EACH
---------	----------	------

Vacuum-sealed can • Hose sold separately
Up to 6 Tons..... 981CHANGE 56.91

Flash™ Detect Inject

Integrated UV dye solution to expose leaks.

SYSTEMS	STOCK NO	EACH
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Injectable Hose with Chemicals
Up to 6 Tons..... 990FLASH 78.63

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	72.00
Up to 6 Tons (UV dye) .	995FLEXINJECT	79.65

Surge Protectors

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	136.72
30A Fused	RE96417	136.64

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.....	283.49

RSH-50 Surge Protective Device

(SPD) for Single-Phase System
120/240 VAC Type 1

STOCK NO	EACH
RE96415.....	64.79

Evergreen Motors

Evergreen Replacement Motors

120/208/230 1075

FOR	STOCK NO	EACH
1/2 HP.....	5SME39HXL110	353.30
1 HP.....	5SME39SXL111	450.20

ECM Motor Tester

DESCRIPTION	STOCK NO	EACH
Tester	PD510009	178.59

Low Ambient Kit R-410A

STOCK NO	EACH
RXADA07.....	198.21

Field Draft Controls

Type RC

Single-acting for Oil, Wood and Coal

DESCRIPTION	STOCK NO	EACH
6" R-C.....	FI6RC	40.67
8" R-C.....	FI8RC	69.25

Type M

Single-acting for Oil, Wood and Coal

DESCRIPTION	STOCK NO	EACH
6"M 5 and 6"	FI6M	73.29
8"M 7 and 8"	FI8M	108.24

Type MG1

Double-acting for Gas Only

DESCRIPTION	STOCK NO	EACH
6"MG1 5 and 6"	FI6MG1	89.16
8"MG1 7 and 8"	FI8MG1	123.23

Field Triple Fuel Barometric Draft Control

for Oil, Gas, Wood and Coal

DESCRIPTION	STOCK NO	EACH
12"M+MG2 11 and 12"	FI12M	269.46

Field Power Venters

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	682.45

GSK-3

Gas Spillage Sensing Switch

STOCK NO	EACH
GSK3	33.58



Miscellaneous Heating Supplies

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.....	41.05
With Safety Switch	
VCMA15ULS	43.06
VCMA20ULS	57.52



Thermostat Wire



DESCRIPTION	STOCK NO	EACH
18 Gauge • Sunlight Resistant		
18/2 500' coil	500THWI182	79.53
18/3 500' coil	500THWI183	116.51
18/5 250' coil	250THWI185	82.94
18/8 250' coil	250THWI188	126.60
18/12 250' coil	250THWI1812	202.73
18 Gauge • Plenum Rated		
18/6 250' coil	250THWI186	115.61
16 Gauge • Plenum Rated • Shielded		
16/2 250' coil	250THWI162S	94.48
16/2 1000' coil	1000THWI162S	377.90
14 Gauge • EZ-IN Shielded Mini-Split Cable • 600v		
14/4 50' coil	.50EZIN	151.38
14/4 250' coil	.250EZIN	605.35
14 Gauge • Mini-Split Tray Cable • 600v		
14/4 50' coil	.50MINSPWI	62.29
14/4 250' coil	.250MINSPWI	293.95



WEIL-McLAIN Boilers

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	3/4"	WMULTRA299S4	6574.62
399,000	3/4"	WMULTRA399S4	8285.29

Wall Mount Kit

WM389900180..... 62.49

LP Conversion Kit

WM383501020..... 191.18

Specifications								
Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Vent Dia.
					Width	Height	Depth	
WMULTRA299S4	92.5	299	235	270	22 13/16"	47 3/4"	19 5/16"	1 1/4"
WMULTRA399S4	91.7	399	317	364	22 13/16"	47 3/4"	19 5/16"	1 1/4"

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
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Gas Boilers

80,000.....	WMECOTEC80HS3	2700.36
110,000.....	WMECOTEC110HS3	2832.41
150,000.....	WMECOTEC150HS3	3029.82
199,000.....	WMECOTEC199HS3	3490.66

Combi Versions

110,000.....	WMECOTEC110CS3	3029.82
150,000.....	WMECOTEC150CS3	3226.57
199,000.....	WMECOTEC199CS3	3688.07

Pedestal Base

WM383700339..... 117.54

Water Temp Immersion Sensor

WM383700371..... 46.87

Multi-Boiler Wiring Kit

WM383700272..... 101.91



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	3/4"	WMEVG299S2	7693.23
399,000	3/4"	WMEVG399S2	9411.05

LP Conversion Kits

299,000 Models.....	WM540202841	136.13
399,000 Models.....	WM540202842	136.13

Wall Mount Kit

WM383900074..... 59.51

Outdoor Temp Sensor

WM384000325..... 204.57



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	2329.31
150,000.....	WMSMP150CS1	2514.18
199,000.....	WMSMP199CS1	2911.64

Specifications								
Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Vent Diameter
					Width	Height	Depth	
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	71.05
150,000 Models.....	WM510811416	71.05
199,000 Models.....	WM510811417	71.05

ECO Tec & Simplicity Easy-Up Manifold

STOCK NO	EACH
WM383700343.....	331.78



WEIL-McLAIN Boilers

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	1/2"	WMGV903	3628.64
105,000	1/2"	WMGV904	3882.55
140,000	1/2"	WMGV905	4475.23
175,000	1/2"	WMGV906	5059.70

Specifications									
Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Pump Size Supply & Return Tappings	Vent Diameter
WMGV903	91.9	70	56	65	24 5/8"	30 3/4"	30 3/4"	1"	3"
WMGV904	91.2	105	84	97	24 5/8"	30 3/4"	30 3/4"	1"	3"
WMGV905	91.4	140	113	130	24 5/8"	30 3/4"	37 3/4"	1"	3"
WMGV906	91	175	140	161	24 5/8"	30 3/4"	37 3/4"	1"	3"

CGa Gas Boiler Series 4

- 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
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Natural Gas

38,000	1/2"	WMCGA25PIDNS4	2228.38
67,000	1/2"	WMCGA3PIDNS4	2486.39
100,000	1/2"	WMCGA4PIDNS4	2722.50
133,000	1/2"	WMCGA5PIDNS4	3061.96
166,000	1/2"	WMCGA6PIDNS4	3520.50
200,000	3/4"	WMCGA7PIDNS4	3915.40
233,000	3/4"	WMCGA8PIDNS4	4190.52

Propane (LP)

67,000	1/2"	WMCGA3PIDLS4	2486.39
100,000	1/2"	WMCGA4PIDLS4	2722.50
133,000	1/2"	WMCGA5PIDLS4	3061.96

CGi Gas Boiler Series 5

- 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
- 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
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Natural Gas

58,000	1/2"	WMCGI3PINS5	2765.62
90,000	1/2"	WMCGI4PINS5	3031.16
119,000	1/2"	WMCGI5PINS5	3405.52
158,000	1/2"	WMCGI6PINS5	3840.79
190,000	3/4"	WMCGI7PINS5	4323.98
222,000	3/4"	WMCGI8PINS5	4727.09

Propane (LP)

58,000	1/2"	WMCGI3PILS5	2765.62
90,000	1/2"	WMCGI4PILS5	3031.16
119,000	1/2"	WMCGI5PILS5	3405.52

Specifications									
Model Number	AFUE	CSA Input (MBH)	Net (MBH)	DOE Heating Cap (MBH)	Dimensions (Inches)			Pump Size Supply & Return Piping	Vent Diameter
WMCGI3PI	84	58	43	49	10"	28 3/8"	23 1/4"	1"	4"
WMCGI4PI	84	90	67	77	13"	28 3/8"	23 1/4"	1"	5"
WMCGI5PI	84	119	89	102	16"	28 3/8"	23 1/4"	1"	5"
WMCGI6PI	84	158	117	135	19"	28 3/8"	23 1/4"	1 1/4"	5"
WMCGI7PI	84	190	141	162	22"	28 3/8"	23 1/4"	1 1/4"	6"
WMCGI8PI	84	222	164	189	25"	28 3/8"	23 1/4"	1 1/2"	6"

LP Kits & Accessories

LP Conversion Kits

FOR MODEL #	STOCK NO	EACH
CGi Gas Boiler Series 4 WMCGI7PIN, WMCGI8PIN	WMCGI78LPKIT	212.76

7" Draft Hood

STOCK NO	EACH
CGa Gas Boiler Model WMCGA8PIDN WMCGA8DH	143.72



Lochinvar Boilers

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 & 1/2" Gas Connections
- Industry-Leading DHW Delivery Up to 4.8 GPM
- Vertical and horizontal 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	2151.90
3 - Fire Tube Unit	NKB110	2258.65
3 - Fire Tube Unit	NKB150	2457.71
2 - Combi Unit	NKC199N	2914.83

LP Kit for Nobel Series

CREATES MODEL #	STOCK NO	EACH
NKB 080 L	100361273	49.95
NKB / NKC / NCF 150 L	100346280	58.05
NKB / NKC / NCF 199 L	100346292	58.05
NKB 080 L*	100339889	224.10

* LP kit for models prior to Serial Number 2230

Model Number	BTU per hour		AFUE%	Air Inlet	Vent Size
	Input	Output			
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)		AFUE%	Heating Cap. MBH	Net MBH	Air Inlet	Vent Size
	Min.	Max.					
NKC199N	19.9	199	95.0	185	161	3"	3"



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	3722.98
KHB110	3863.00
KHB155	4637.87
KHB199	5535.80
KHB285	7641.24

Knight Series Specifications						
Model Number	Input MBH		AFUE%	Heating Cap. MBH	Net MBH	Turndown Ratio
	Min.	Max.				
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 Efficiency %



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 NOT Included

WHB085	3722.98
WHB110	3863.00
WHB155	4637.87
WHB199	5535.80
WHB285	7641.24
WHB399	10066.92





Lochinvar Boilers

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 11588.39

All Models Below Includes CSD-1

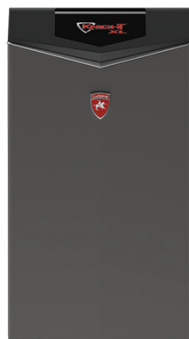
KBX0500N 15171.96

KBX0650N 18961.50

KBX0800N 23431.72

KBX1000N 26222.29

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 33 1/2"
KBX0500N	500,000	50,000	485	422	1"	2"	4"	4"	45" x 24" x 33 1/2"
KBX0650N	650,000	65,000	631	549	1 1/4"	2"	4"	6"	45" x 24" x 42 1/2"
KBX0800N	800,000	80,000	776	675	1 1/4"	2"	4"	6"	45" x 24" x 42 1/2"
KBX1000N	999,000	99,900	969	843	1 1/4"	2 1/2"	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 11695.14

All Models Below Includes CSD-1

FTX500N 15311.37

FTX600N 18488.05

FTX725N 21294.89

FTX850N 24356.03

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"	53 1/2" x 26 1/4" x 30 1/2"
FTX500N	489	4"	425	97.7	1"	2"	53 1/2" x 26 1/4" x 30 1/2"
FTX600N	585	4"	509	97.5	1"	2"	53 1/2" x 26 1/4" x 30 1/2"
FTX725N	705	6"	613	97.2	1"	2 1/2"	53 1/2" x 26 1/4" x 33"
FTX850N	825	6"	717	97.0	1"	2 1/2"	53 1/2" x 26 1/4" x 33"



Laars Boilers

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 10671.34

All Models Below Includes CSD-1

500 MBH NT2H0500 13694.06

650 MBH NT2H0650 15379.37

800 MBH NT2H0800 17540.26

999 MBH NT2H0999 26033.56

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 52 3/4" x 47 1/4"
500	96.6	500,000	483,000	2"	1"	27" x 52 3/4" x 47 1/4"
650	96.5	650,000	627,000	2"	1 1/4"	27" x 52 3/4" x 54 1/4"
800	96.4	800,000	771,000	2"	1 1/4"	27" x 52 3/4" x 54 1/4"
999	96.3	999,000	962,000	2 1/2"	1 1/2"	27" x 52 3/4" x 57 3/4"



IBC Boilers

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 5491.56

40,000 to 399,000 96% SL40399G3LP 8906.51

Light Commercial Natural Gas • LP Kit Included on 115 - 199 models ONLY

14,000 to 115,000 95% SL14115G3 3462.52

20,000 to 160,000 95% SL20160G3 4234.02

32,000 to 199,000 95% SL30199G3 5107.54

* 26,000 to 260,000 95% SL26260G3 5491.56

* 40,000 to 399,000 96% SL40399G3 8906.51

*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"	1/2"	1"	1"	32" x 20" x 13.1"
SL20160G3	2 or 3"	35 or 170'	3"	1/2"	1"	1"	32" x 21.8" x 14.8"
SL30199G3	3"	150'	3"	1/2"	1"	1"	32" x 22.5" x 16.3"
SL26260G3	3"	200'	3"	3/4"	1 1/2"	1 1/2"	35.6" x 25" x 17.6"
SL40399G3	4"	200'	4"	3/4"	1 1/2"	1 1/2"	39.9" x 27" x 19.5"





IBC Boilers

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
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High-Efficiency Residential • LP Kit Included

16,900 to 110,000	95%	VX110	2558.18
23,000 to 150,000	95%	VX150	2770.83
30,600 to 199,000	95%	VX199	2995.39

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"	1/2"	1"	1"	28.13" x 17.75" x 16.88"
VX150	2 or 3"	50 or 170'	3"	1/2"	1"	1"	28.19" x 18.81" x 18.63"
VX199	3"	150'	3"	1/2"	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
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Part# 251-063B - SFC Superflow 125

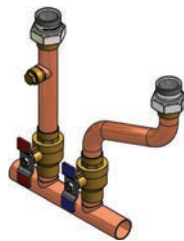
For use with SFB99, SFC125 & HC Series

251063	277.12
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Part# 251-064B - SFC Superflow 199

For use with SFC199

251064	302.03
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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
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Residential • LP Kit Included

14.8 - 89	96%	SFB99	2131.74
13 - 108	95%	SFB120	2330.63

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"	3/4"	3/4"	32.5"x17.7"x10.9"
SFB120	2"	2"	1"	3/4"	3/4"	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.
- 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
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Residential • LP Kit NOT Included

33,000 to 160,000	94%	HC33160	2462.91
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Stock Number	Exhaust Size Sch. 40	Combustion Air Sch. 40	Heating Water Inlet/outlet	Gas Inlet	Condensate outlet	Jacket Dimensions HxWxD
HC33160	3"	3"	1"	1/2"	3/4"	31.3"x19.8"x11.1"

LP Kits for HC/DC Series

Converts Natural Gas to LP

FOR MODEL #	STOCK NO	EACH
HC1595	P747	23.31
HC29106	P700	31.15
HC20125	P737	23.31
HC33160 & DC33160	P702	23.31

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)
- Advanced modulating temperature control

BTU/H INPUT	BTU/H OUTPUT	A.F.U.E.	STOCK NO	EACH
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Residential • LP Kit Included

16,500 to 99,000	15,800 to 88,900	95%	SFC125	2332.59
28,300 to 125,000	27,100 to 111,000	95%	SFC199	2456.96

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"	1/2" MNPT	3/4"	1/2"	3/4" Hose	32.5"x17.7"x11.2"
SFC199	3"	3"	3/4" MNPT	3/4"	3/4"	3/4" Hose	32.5"x17.7"x11.2"

SFC Series Parts Kit

FOR MODEL #	STOCK NO	EACH
SFC125 & SFC199	P911DBK	1938.75

Boiler Trim Kit

- (1) Caleffi DISCAL® air separator
- (1) Backflow preventer: 1/2" 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	424.21





IBC Boilers

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
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High-Efficiency Residential Natural Gas

15,000 to 150,000	95%	CX150	2881.33
20,000 to 199,000	95%	CX199	3060.16

High-Efficiency Residential LP

15,000 to 150,000	95%	CX150L	2881.33
20,000 to 199,000	95%	CX199L	3060.16

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 3/16" 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
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CX150.....	P1600	108.98
CX199.....	P1602	171.26

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
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High-Efficiency Commercial Natural Gas

50,000 to 500,000	97%	EX50500	11176.26
70,000 to 700,000	97%	EX70700	15752.45
85,000 to 850,000	97%	EX85850	18002.72

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 1/16"
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"



Navien Boilers

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	1585.37
NHB80H	10:1	1731.71
NHB110H	11:1	1878.05
NHB150H	15:1	2024.39
NFB200H	15:1	2341.46



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"

Universal temperature sensor

Works with NFC, NFC-H, NHB, NFB, NFB-H and NFB-C Series. 1 year warranty.

STOCK NO	EACH
GXXX001769	15.12



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	7042.68

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	53.66



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	2707.32

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	RAL ADAPTER	STOCK NO	EACH
Natural Gas or LP	NA	NCB190080H	2170.73
Natural Gas or LP	INCLUDED	NCB240110HRAL	2304.88
Natural Gas or LP	NA	NCB250H	2573.17

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

STOCK NO	EACH
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Primary Stainless Steel Manifold for use with Navien NCB-H & NFC-H Series 30026576C.....360.98

For use with Navien NFB-200 ONLY, NOT NFB-399

GFFMMSOZUS002.....456.10

For use with Navien NHB-H Series

GXXX002396.....448.78

Outdoor Reset Sensor

With BH2101280B Wire

For use with NCB Series

STOCK NO	EACH
30012950A	39.02





IBC Indirect Fired Water Heaters

DTI Indirect Fired Water Heaters

Features:

- Delivers more hot water than standard direct fired tanks when paired with high efficiency boilers
- Stainless steel construction including pickled and passivated tank, water connections and high-capacity smooth wall coil resist corrosion for long-life
- Top DHW connections and side boiler connections increase install efficiency while saving time, money, and labor (DTI 40, 55 and 65)
- Lightweight for easy installation
- 2" of polystyrene foam insulation for an extremely low standby heat loss
- Removable inspection port for easy access to coil and tank
- Standard Aquastat & 10KΩ temperature sensor



Limited lifetime residential warranty • 7 year commercial warranty

STOCK NO _____ EACH

Residential

DTI40 **1266.13**

DTI55 **1470.18**

Commercial

DTI80 **2145.95**

DTI119MAX. **3346.74**

Model	US Gallon	Floor to Heater Top (inches)	Jacket Diameter (inches)	Domestic Water In/Out (inches)	Boiler Water In/Out (inches)	Max DHW Temperature	Boiler Output BTU/HR
DTI 40	40.1	46.9"	21.8"	¾" NPT	1" NPT	180° F	98,000
DTI 55	56.8	62.8"	21.8"	¾" NPT	1" NPT	180° F	123,000
DTI 80	80.2	69.9"	23.8"	1" NPT	1" NPT	180° F	178,000
DTI 119 MAX	115	65.8"	28.9"	1½" NPT	1½" NPT	180° F	343,000



Laars Boilers

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 3727.52

Heat Only Boiler

LFTHF199 3436.04



Model	Max Input BTU/hr	Heating "CH" Supply/Return	DHW Inlet/Outlet	Gas Inlet	Thermal Eff. %	Turndown Ratio	HxWxD
LFTCF199	199,000	1 1/2" NPT	3/4" NPT	3/4" NPT	95%	10:1	38.25"x17.9"x19.6"
LFTHF199	199,000	1 1/2" NPT	-	3/4" 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

SIZE STOCK NO EACH

Natural Gas Hydronic Boilers • 95% AFUE Efficiency

100 MFTHW100 2211.37

140 MFTHW140 2394.00

199 MFTHW199 2558.63

Natural Gas Hydronic Combination Water Heater & Boiler

199 MFTCW199 2921.27

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"



Combi Boiler



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 7741.30

Floor Stand

CA022600 430.88



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	1 1/2"	N/A	P2134400	311.85
Heat Only Models 80-140	1 1/4"	1"	P2135900	439.65
Heat Only Model 199	1 1/2"	1 1/4"	P2135800	467.55

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 1855.32

JX075N 1968.59

JX100N 2151.22

JX125N 2260.54

JX150N 2385.66

JX200N 2830.83

Use WHS1 Boiler 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	1 1/4"	3/4"	11 3/4" x 31 5/8" x 25 1/8"
75	75,000	63,000	84	1 1/4"	3/4"	14 1/2" x 31 5/8" x 25 1/8"
100	100,000	84,000	84	1 1/4"	3/4"	17 3/8" x 32 1/8" x 25 1/2"
125	125,000	105,000	84	1 1/4"	3/4"	20 1/8" x 32 1/8" x 25"
150	150,000	126,000	84	1 1/4"	3/4"	23" x 32 1/8" x 25"
200	199,000	168,000	84	1 1/4"	3/4"	28 3/8" x 32 1/4" x 24 5/8"



JX LP Conversion Kits

BTU INPUT	STOCK NO	EACH
50,000 - 199,000	CA019921	114.88

Mini-Therm Boiler Stand

18 Gauge • 650lb. Limit

SIZE WxHxD	STOCK NO	EACH
21"x 21"x 18"	WHS1	66.07





Utica Boilers

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)



1/2" Natural Gas Inlet • AFUE 84% • 120 Volts, 15 Amps, 60 Hz.

BTUH	STOCK NO	EACH
75,000.....	UHSW75	2108.02
112,500.....	UHSW112	2325.78
150,000.....	UHSW150	2603.20
187,500.....	UHSW187	3047.93

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	14 1/4"	29"	23 1/4"	1 1/4"	4"	3"
UHSW112	112.5	95	82	17 1/2"	29"	23 1/4"	1 1/4"	4"	3"
UHSW150	150.0	127	109	20 3/4"	29"	23 1/4"	1 1/4"	4"	3"
UHSW187	187.5	158	282	24"	29"	23 1/4"	1 1/4"	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



1 1/4" Water Return/Supply • AFUE 84% • 120 Volts, 60 Hz, 1 phase

BTUH	BURNERS	STOCK NO	EACH
262,000	7	UH15C8D	3460.06
299,000	8	UH15C9D	3663.05

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	27 1/2"	36 3/8"	26 1/2"	12.7	7"	1/2" NPT
UH15C-9D	299	252	219	30 3/4"	36 3/8"	26 1/2"	14.4	7"	1/2" 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)



1 1/4" Water Return/Supply • AFUE 84% • 120 Volts, 60 Hz, 1 phase

BTUH	STOCK NO	EACH
59,000.....	UH15B060K	1815.84
92,500.....	UH15B095K	1988.07
120,000.....	UH15B120K	2135.70
149,000.....	UH15B150K	2384.83
175,000.....	UH15B175K	2625.34
205,000.....	UH15B205K	2950.12
235,000.....	UH15B235K	3211.55

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	13 3/4"	32 1/8"	24 1/8"	1.9	4"	1/2" NPT
UH15B0-95K	92.5	78	68	13 3/4"	32 1/8"	24 1/8"	2.3	5"	1/2" NPT
UH15B-120K	120	101	88	16 1/4"	32 1/8"	24 1/8"	2.8	6"	1/2" NPT
UH15B-150K	149	125	109	19"	32 1/8"	24 1/8"	3.2	6"	1/2" NPT
UH15B-175K	175	147	128	21 1/8"	32 1/8"	24 1/8"	3.7	7"	1/2" NPT
UH15B-205K	205	172	150	27 1/2"	32 1/8"	24 1/8"	4.1	7"	3/4" NPT
UH15B-235K	235	197	171	27 1/2"	32 1/8"	24 1/8"	4.6	7"	3/4" NPT

Second Circulator Zone Harness Kit

FOR USE WITH	STOCK NO	EACH
15B Series	550004166	41.46

LP Kits

FOR USE WITH	STOCK NO	EACH
SW Series.....	UHSW	89.02
15C Series.....	UH15C	97.56
15B Series K.....	UH15BK	71.95



Axiom Neutralizers

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	3/4" FNPT	20' of 3/8" Vinyl	AXNT1P	130.49
Replacement LipHter Neutralization Media For AXNT1P				AXNM1P 49.11

Model Number	BTU/hr	At Efficiency	Produces Gal/hr
NT1-P	500,000	93%	1.9

GUIDELINE ONLY - Visit www.axiomind.com for sizing calculator



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

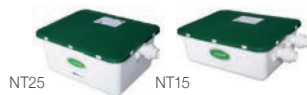
TANK	INLETS/OUTLETS	HOSE	STOCK NO	PRICE
.26 Gallon	1/2" hose barb	10' of 1/2" Vinyl	AXNC1	71.91
.53 Gallon	1/2" hose barb	10' of 1/2" Vinyl	AXNC2	110.49
.26 Gallon	3/4" FNPT	N/A	AXNC1W	61.38

Replacement LipHter Neutralization Media
For AXNC1, AXNC2 & AXNC1W

AXNM1	35.08
42lbs For AXNC1, AXNC2 & AXNC1W. . .AXNM1BULK	353.23

Model Number	BTU/hr	At Efficiency	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



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	210.11
4.8 Gal.	(2) 1" FNPT	N/A	N/A	AXNT25	247.65

Replacement LipHter Neutralization Media
For AXNT15

AXNM15	75.77
For AXNT25.....	AXNM25 80.68

Model Number	BTU/hr	At Efficiency	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

DiaNorm Panel Radiators

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 3/4"
(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	324.09
22	20" Height x 24" Length	.56 Gallons	DN22024	385.72
22	24" Height x 16" Length	.56 Gallons	DN22416	374.10
22	24" Height x 24" Length	.65 Gallons	DN22424	435.73
22	24" Height x 36" Length	.65 Gallons	DN22436	534.87
22	24" Height x 48" Length	.65 Gallons	DN22448	639.38

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

Standard Heated Towel Racks

Square tubing frame and round inner tubing.

SIZE	STOCK NO.	EACH
24"x48"	DN44824	583.11

Model Number	Size	Total Depth	BTU Output @ 180° F
Standard	24 x 48	4"	3024





Electro Boilers

Mini-Boiler

- Full element modulation
- Added LED status indicators
- 20 Year element and boiler vessel warranty
- 100% efficient
- Quiet solid state and DC relays
- Thermostat or end switch connection
- Circulating 10 amp switch relay

Dimensions:

29"H x 10 1/2"W x 9"D • 3/4" NPT • 55 lbs. • .95 Gallon

BTU/H	STOCK NO	EACH
-------	----------	------

Staging (Single Zone) • Phase 1-60 Hz • 240/208v
 17,000..... EMBR105 **1128.99**
 30,700..... EMBR109 **1186.92**

Modulating (Two Zone) • Phase 1-60 Hz • 240/208v
 30,700..... EMBM209 **1360.70**
 40,900..... EMBM212 **1563.45**

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



EDB-T1 Series

Features:

- Element modulation for precise temperature control
- Quiet solid state relays or DC power relays
- Outdoor reset capability to save energy
- Dual Fuel or Low Water Cut Off (LWCO) connection
- Circuit breaker disconnects
- Circulating pump relay (10-amp)
- Includes front panel pressure/temperature gauge and relief valve
- Incolloy elements for long lasting operation
- Simple installation as no venting is required
- Lightweight for easy wall-mounted installation
- Low pressure drop equals no expensive primary/secondary piping, pumps or control wiring
- Low maintenance compared to gas boilers
- Combine with an Electro Zone Control for high temp priority
- ASME stamped vessel
- 20-year element/vessel warranty

BTU/H	KW	WATTS	AMPS	BREAKERS	STOCK NO	EACH
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EDB-T1 Electro-Boiler • Single phase 240/208V

81,912/61,434	24/18	24k/18k	100/87	60A+80A	EDBT1242401	2548.20
95,564/71,678	28/21	28k/21k	117/101	80A+80A	EDBT1282401	2924.73



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
----------	-------

EZBT1202401..... **3561.92**

Model	kW	Btu/h	Amps	Voltage	Phase	Breakers	Max Op Temp
EZB-T1-20-240-1	20	68,200	83.3	240/208	1	60A,60A	180° F



EZBoiler

The EZBoiler is the complete electric boiler solution for hydronic heating systems.

Features:

- Thermostat or end switch connection
- Dual Fuel or Energy Selector Switch
- Circulator switching relay
- Outdoor Reset Capability
- LED indicator lights
- Redundant safety limit controls
- 2 zone capability
- ASME stamped vessel
- 20-Year Vessel and Element Warranty

EZB-M2 MODELS ONLY:

- Full element modulation for precise temperature control and energy savings
- Outdoor reset capability (optional)
- Two temperature zone capability with single zone priority control

STOCK NO	PRICE
----------	-------

EDBT1202401	2200.64
EDBT1322401	3272.29
EDBT1362401	3648.81
EZBM2052401	2664.05
EZBM2092401	2779.91
EZBM2152401	2924.73



Model EB-SSB

Dual Fuel Relay

FOR EB-MS, EB-S & EB-C SERIES ONLY

STOCK NO	EACH
----------	------

EBSSB..... **124.38**

TS Series Staging Relay

STOCK NO	EACH
----------	------

EBCSTG5..... **118.16**

Model EB-ZTA-1

4-Zone Control, Dual Temp

STOCK NO	EACH
----------	------

EBZTA1..... **280.63**

EZBoiler

The EZBoiler is the complete electric boiler solution for hydronic heating systems.

Features:

- Temperature Sensing
- WarmFlo Modulation Control
- Outdoor Reset Capability
- 2-zone control
- 20-Year Vessel and Element Warranty

Dimensions:

34.35"H x 21.85"W x 12"D, 111 lbs

STOCK NO	PRICE
----------	-------

EZBM2152401..... **2924.73**

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





Boilers Accessories

Round Double Spiral Tempered Wire Flue Brushes

DOUBLE SPIRAL	FLUE SIZE	BRUSH DIA	STOCK NO	EACH
43306	3/4"	3/4"	34DSFLBR	8.83
43312	1 1/2"	1 1/4"	114DSFLBR	9.06
43316	2"	1 3/4"	134DSFLBR	9.40
43322	2 1/2"	2 1/4"	214DSFLBR	11.62
43326	3"	2 3/4"	234DSFLBR	12.05
43328	3 1/4"	3"	3DSFLBR	12.39

Boiler Brush

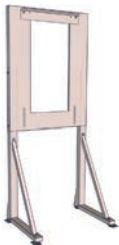
4" oval shaped brush, long twisted wire handle with 1" ring.

SINGLE SPIRAL	BRUSH SIZE	LENGTH	STOCK NO	EACH
43018	1 1/2"-1 1/8"	30"	112FLBR	6.82

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	217.96



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	149.72
5"	GVD5	155.64
6"	GVD6	158.75
7"	GVD7	164.96
8"	GVD8	193.90
9"	GVD9	218.52
10"	GVD10	227.69

Universal Boiler Stand

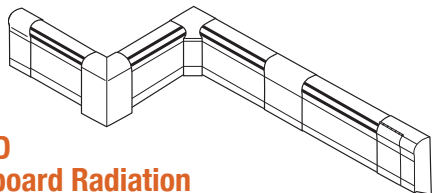
28" between crossbars, carries up to 200lbs

SIZE	STOCK NO	PRICE
24" X 54"	BS2454	271.94





Slant/Fin Radiation



Base/Line 2000D Hot Water Baseboard Radiation

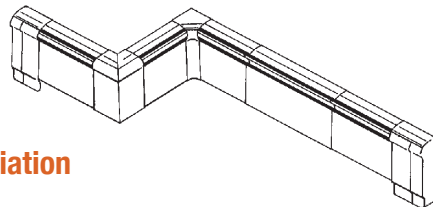
Ideal for heating in tract housing, apartments and renovations. With fingertip control damper, fully modulating. Model BL2000D-75E consists of 3/4" copper tube element, .009" aluminum fins bent to 2 19/64 x 2 1/8", 56.35 fins per foot. End fins are of plated steel.

- Height: 7 3/8"; depth 2 3/4"; lengths 2' to 10' lengths. Stocked in Nu-White baked enamel finish.

HOT WATER RATINGS							
Model No	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 1/16"; lengths 2' to 8' • Precision, piano hinged accessories
- Zip-Strip carton opens in seconds
- Stocked in Nu-White baked enamel.

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°
30-75	1	47	510	580	640	710	770	810	840
	4	525	540	610	680	750	810	860	890

* 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	STOCK NO	EACH
2'.....	2BL2000D	12.10
3'.....	3BL2000D	18.15
4'.....	4BL2000D	24.19
5'.....	5BL2000D	30.24
6'.....	6BL2000D	36.29
7'.....	7BL2000D	42.34
8'.....	8BL2000D	48.42
10'.....	10BL2000D	60.51

Base/Line 2000D Accessories

LENGTH DESCRIPTION	STOCK NO	EACH
2" End Cap		
Left	2BLLHEC	7.20
Right	2BLRHEC	7.20
4" Hinged End Cap, 4"		
Left	4BLLHEC	12.61
Right	4BLRHEC	12.61
Wall Trim		
4"	4BLWT	5.42
Hinged Inside Corner		
90°	.90BLIC	10.03
135°	.135BLIC	11.10
Filler Sleeve		
7" wd	.7BLFISL	12.63
12" wd	.14BLFISL	15.46
Splice Plate Set		
STOCK NO	PER SET	
2BLSPL	5.70	

No E-75 Element Only For Base/Line 2000D and 30D

LENGTH	STOCK NO	EACH
2'.....	2E75EL	15.18
3'.....	3E75EL	22.77
4'.....	4E75EL	30.35
5'.....	5E75EL	37.95
6'.....	6E75EL	45.56
7'.....	7E75EL	53.14
8'.....	8E75EL	60.73

Base/Line 2000D & Fine/Line 30 Accessories

DESCRIPTION	STOCK NO	EACH
Plastic Expansion Cradle		
Fine/Line 30	30EXCR	1.63

Slant Fin Touch-Up Paint

STOCK NO	EACH
4.5 oz. Nu White	
SF102650	41.73

No 30D Cover Only

LENGTH	STOCK NO	EACH
2'.....	.30D2W	19.18
3'.....	.30D3W	28.77
4'.....	.30D4W	38.37
5'.....	.30D5W	47.95
6'.....	.30D6W	57.54
7'.....	.30D7W	67.14
8'.....	.30D8W	76.73

Fine/Line 30 Accessories

LENGTH/ DESCRIPTION	NU-WHITE STOCK NO	EACH
4" Hinged End Cap		
Left	.30DLHW	13.44
Right	.30DRHW	13.44
4" Hinged Wall Trim		
Left	.30DLHWTW	15.09
Right	.30DRHWTW	15.09
8" Hinged Valve Cover		
Left	.30LHVACOW	31.11
Right	.30RHVACOW	31.11
Hinged Inside Corner		
90°	.30DIS90W	11.37
135°	.30DIS135W	21.65
Hinged Outside Corner		
90°	.30DOS90W	22.35
135°	.30DOS135W	23.70
Filler Sleeve		
14" wide	.1430FISLW	22.15
7" wide	.730FISLW	16.49
Splice Plate Set		
2"	.30DSPW	6.28
Support Bracket with pivot		
STOCK NO	EACH	
30SUBR	7.54	



Slant/Fin Radiation

Multi/Pak 80 Baseboard Radiation

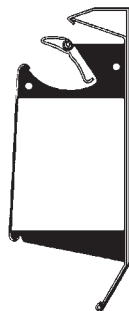
Multi/Pak 80 is the ideal choice for deluxe residential heating or for light commercial heating requirements. It's built with hefty brackets, 18 gauge front panels and finished in nu-white baked enamel.

No 83-A Baseboard 8⁷/₈"H x 3¹/₂"D:

with H-3 element, 3/4" nominal copper tube, 3⁵/₃₂ x 2¹/₂ x .0135" aluminum fins.

No 84-A Baseboard 8⁷/₈"H x 3¹/₂"D:

with H-4 element, 1" nominal copper tube, 3¹⁵/₃₂ x 2¹/₄ 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°
83-A	1	47	650	730	810	890	970	1010	1050	1130
	4	525	690	770	860	940	1030	1070	1110	1280
84-A	1	13	650	730	810	890	970	1010	1050	1130
	4	145	690	770	860	940	1030	1070	1110	1280

* Milinches per foot.

No H3 Elements Only • 3/4"

LENGTH	STOCK NO	EACH
3'	3H3EL	38.47
4'	4H3EL	51.28
5'	5H3EL	64.09
6'	6H3EL	76.91
7'	7H3EL	89.72
8'	8H3EL	102.54

No H4 Elements Only • 1"

LENGTH	STOCK NO	EACH
3'	3H4EL	51.25
4'	4H4EL	68.34
5'	5H4EL	85.43
6'	6H4EL	102.52
7'	7H4EL	119.59
8'	8H4EL	136.68



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	40.77
3'	3RVTLCO	61.16
4'	4RVTLCO	81.54
5'	5RVTLCO	101.94
6'	6RVTLCO	122.32
7'	7RVTLCO	142.71
8'	8RVTLCO	163.09

Revital/Line Accessories

DESCRIPTION	STOCK NO	EACH	DESCRIPTION	STOCK NO	EACH
End Cap, 3 3/4" (Brite White)			Inside Corner, 90 deg.		
Left RVTLLHEC	17.21		Brite White RVTL90IC	19.85	
Right RVTLRHEC	17.21		End Plate		
Filler Sleeve (Brite White)			Brite White RVTLEP	17.21	
2" 2RVTLFISL	10.03				
7" 7RVTLFISL	13.89				
14" 14RVTLFISL	18.85				



Slant/Fin Radiation



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 9 $\frac{1}{8}$ "H x 3 $\frac{3}{4}$ "D:

- H3 element, $\frac{3}{4}$ " nominal copper tube, 2 $\frac{1}{2}$ " x 2 $\frac{3}{4}$ " x .010" aluminum fins.
- H4 element, 1" nominal copper tube, 2 $\frac{1}{2}$ " x 2 $\frac{3}{4}$ " x .011" aluminum fins.

RATINGS		Average Hot Water Temperature - BTU/Hr./Lin./Ft.									
Element Type	Flow GPM	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	29.00
3'	388DCO	45.83
4'	488DCO	61.08
5'	588DCO	76.36
6'	688DCO	91.63
7'	788DCO	106.91
8'	888DCO	122.17

No H3 Elements Only • $\frac{3}{4}$ "

LENGTH	STOCK NO	EACH
3'	3H3EL	38.47
4'	4H3EL	51.28
5'	5H3EL	64.09
6'	6H3EL	76.91
7'	7H3EL	89.72
8'	8H3EL	102.54

No H4 Elements Only • 1"

LENGTH	STOCK NO	EACH
3'	3H4EL	51.25
4'	4H4EL	68.34
5'	5H4EL	85.43
6'	6H4EL	102.52
7'	7H4EL	119.59
8'	8H4EL	136.68

Multi/Pak 88 Accessories

DESCRIPTION	STOCK NO	EACH	DESCRIPTION	STOCK NO	EACH
3" End Cap			Outside Corner		
Left 88D3LHEC	20.73		90° 88DOC90	32.55	
Right 88D3RHEC	20.73		135° 88DOC135	37.61	
4" Slotted End Cap			Inside Corner		
Left 88D4SLHEC	21.60		90° 88DIC90	14.17	
Right 88D4SRHEC	21.60		135°/45° 88DIC135	33.31	
Filler Sleeve			Wall Trim		
14" wide 88D14FISL	26.87		5" wide 88D5WT	9.89	
9" Valve Enclosure			Splice Plate		
Left 88D9LHVC	38.20		2" wide 88D2SPPL	9.56	
Right 88D9RHVC	38.20				

Lochinvar Heaters

Squire Stainless Steel Indirect Water Heaters

- 316L Passivated Satinless Steel Tank.
- 304L High Capacity Stainless Steel Coil.
- Fully Welded Construction.
- 1" Boiler Supply/Return Connections
- 1" Domestic Water (30, 40, 50 models)
- 1 $\frac{1}{2}$ " Domestic Water (65, 80, 119 models)
- Factory Supplied Tank Sensor



CAPACITY	FIRST DRAW (GAL.)	STOCK NO	EACH
27 Gallons.	24	SIT030	1313.64
40 Gallons.	27	SIT040	1462.96
52 Gallons.	45	SIT050	1833.05
67 Gallons.	65	SIT065	2288.09
82 Gallons.	74	SIT080	2530.73
113 Gallons.	109	SIT119	3863.69

DIMENSIONS							
Stock #	Height	Width	Relief Valve	Boiler In	Boiler Out	Cold Water Inlet	1st Hr Delivery
SIT030	39 $\frac{1}{2}$ "	20"	31 $\frac{1}{4}$ "	21 $\frac{3}{4}$ "	8 $\frac{1}{4}$ "	3"	184
SIT040	55 $\frac{1}{2}$ "	20"	48 $\frac{1}{2}$ "	25 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	3"	208
SIT050	47"	24"	39 $\frac{3}{4}$ "	24 $\frac{1}{2}$ "	9 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	255
SIT065	60"	24"	52 $\frac{1}{4}$ "	28"	9 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	328
SIT080	69 $\frac{1}{2}$ "	24"	61 $\frac{3}{4}$ "	28"	9 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	340
SIT119	68 $\frac{1}{4}$ "	28"	60 $\frac{1}{4}$ "	31 $\frac{3}{4}$ "	9 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	418
							308

(21)

Accessories

DESCRIPTION	STOCK NO	EACH
Aquastat/Thermostat	TST20016	201.83



Hydronic Convectors & Unit Heaters

Beacon Twin-Flo III Kickspace Heater



SIZE HXWxD	STOCK NO	PRICE
3 ⁷ / ₈ x 12 ¹ / ₄ x 12 ³ / ₄ "	K42	244.84
3 ⁷ / ₈ x 19 ¹ / ₄ x 12 ³ / ₄ "	K84	309.04
3 ⁷ / ₈ x 19 ¹ / ₄ x 12 ³ / ₄ "	K120	377.50

Heating Capacity (BTU/Hr*) for All Twin-Flo III Models									
Entering Water Temperature	Water Flow Rate (Gallons Per Minute)								
(°F)	1 GALLON			2 GALLON			3 GALLON		
	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.

Beacon Surface Mount Kit

FOR USE WITH	STOCK NO	PRICE
K42	F42	202.46
K84	F84	223.59
K120	F120	247.60

Beacon Recessed Mount Kit

FOR USE WITH	STOCK NO	PRICE
K42	W42	202.46
K84	W84	223.59
K120	W120	247.60

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 LEAVING AIR TEMP °F	APPROXIMATE AIR VOLUME C.F.M.	WATER CONNECTION MALE MPT	STOCK NO	EACH
LOW	HIGH					
15	21	33-34°	524-569	3/4"	UWS1521	617.51
44	62	35-38°	1094-1659	1 1/4"	UWS4462	1169.74
62	77	40-42°	1404-1820	1 1/4"	UWS6277	1219.76
83	104	49-55°	1371-2054	1 1/4"	UWS83104	1505.17
110	137	46°	2200-2805	1 1/4"	UWS110137	1922.08
159	191	44°	3800-4147	1 1/2"	UWS159191	2674.43

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



REHAU Radiant Heating Systems

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 O₂ Pipe

SIZE	STOCK NO	EACH
3/8" x 500'	136008500	323.11
1/2" x 300'	136031300	123.19
1/2" x 1000'	136031000	410.63
5/8" x 300'	136880300	183.32
5/8" x 400'	136880400	244.42
5/8" x 1000'	136880000	611.04
3/4" x 500'	136051500	385.16
3/4" x 100'	136051100	77.03
3/4" x 300'	136051300	231.11
3/4" x 1000'	136051000	770.32
1" x 100'	136011100	168.86
1" x 500'	136011500	844.25
1 1/4" x 100'	136283100	289.35
Straight Lengths		
3/4" x 20'	136051020	15.41
1" x 20'	136011020	33.77
1 1/4" x 20'	136283020	57.88
1 1/2" x 20'	136293020	82.96
2" x 20'	136303020	140.67

RAUPANEL System Components

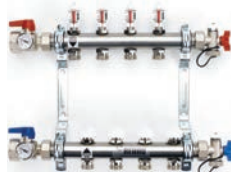
SIZE	STOCK NO	EACH
RAUPANEL		
6" x 72"	235307	32.66
Plywood Return Bend		
9" x 48"	235337PLY	28.20
2" Furring Strip		
2" x 48"	235377PLY	3.97

Raupex Heat Transfer Plate

SIZE	STOCK NO	EACH
1/2"	298926001	21.45

Manifold 90° Angle

DESCRIPTION	STOCK NO	EACH
1" BSPP	250214	21.29



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	178.47
3 circuit	381103	210.59
4 circuit	381104	242.72
5 circuit	381105	278.41
6 circuit	381106	317.66
7 circuit	381107	349.80
8 circuit	381108	378.35
9 circuit	381109	421.19
10 circuit	381110	446.17
11 circuit	381111	481.86
12 circuit	381112	517.55

F1960 Connections for PRO-BALANCE Manifolds

SIZE	STOCK NO	EACH
PEX to R-20 Nickel Plated Manifold Outlet		
1/2"	499662001	20.48
5/8"	499663001	24.39
3/4"	499664001	38.36



Nickel Plated Raupex Manifold Connections

DESCRIPTION	STOCK NO	EACH
3/8" Raupex x Pro-Bal. Manifold	418315	6.84
1/2" Raupex x Pro-Bal. Manifold	418317	5.86
5/8" Raupex x Pro-Bal. Manifold	418318	7.31
3/4" Raupex x Pro-Bal. Manifold	418319	10.61



Rehau Manifold Valve Actuator

4-wire manifold valve actuator for use with PRO-BALANCE® manifolds

STOCK NO	EACH
260166002	37.19



Stainless Steel Manifold Unions

Used to join two manifolds together

DESCRIPTION	STOCK NO	EACH
1" BSPP	316258	37.58



Stainless Steel Manifold End Cap

Used to cap off end of manifold header while eliminating usual end pieces

STOCK NO	EACH
316248	7.31



PVC Bend Guides

SIZE	STOCK NO	EACH
3/8, 1/2"	266170	2.21
5/8, 3/4"	266175	4.03



PVC Bend Support

SIZE	STOCK NO	EACH
1"	266180	7.10



Steel Support Bend

SIZE	STOCK NO	EACH
3/8, 1/2"	258408	2.32
5/8"	258798	3.43
3/4"	257249	4.29



Radiant Heating Systems



Malco Pex Tubing Uncoiler

STOCK NO	EACH
MAUC1.....	781.39



Rehauf Turntable Uncoiler

STOCK NO	EACH
424865001.....	2178.64



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 flexible alternative to rigid pipe.

SIZE	STOCK NO	EACH
1" x 100'.....	298406001100	1236.99
1" x 300'.....	298406001300	3606.39



RAUTACKER 3D Stapler Tool

STOCK NO	EACH
298956.....	519.39

RAUTACK 3D Foam Staples

SIZE	STOCK NO	EACH
1 3/8" (400 Pack).....	298966	50.45
2 3/8" (400 Pack).....	298196	61.43

NOTE : Unused staples will not be accepted for return in quantities of less than 400.

RAUTACK Foam Staples

SIZE	STOCK NO	EACH
1 1/2" (300 Pack).....	266187	35.75
2 1/4" (300 Pack - Taped).....	266197	48.37

NOTE : Unused staples will not be accepted for return in quantities of less than 300.



Malco Foam Stapler Tool

STOCK NO	EACH
MAFBSN.....	321.85

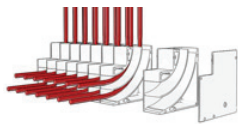
Malco Foam Staples	
MAFBSN2.....	30.50



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
1/2" x 300'.....	RI12X300	77.73
1/2" x 1000'.....	RI12X1000	259.09
5/8" x 400'.....	RI58X400	140.65
5/8" x 500'.....	RI58X500	175.81
3/4" x 300'.....	RI34X300	151.75



PEX-Pal

DESCRIPTION	STOCK NO	PRICE
Tubing Organizers.....	AXPEX40	6.31
End Plates.....	AXEP10	4.56



Hydro-NODE

SIZE	STOCK NO	PRICE
3 - 1/2" FNPT Ball Valve Connections		
2 - 1/4" FNPT Connections.....	AXHN2	98.92



VIEGA Radiant Heating Systems

ViegaPEX Barrier Pipe

Coil - Black with Red Stripe
Excellent for hydronic radiant heating applications.
160PSI@73°F • ASTM F 876/877 • NSF/ANSI 14 & 67

SIZE	STOCK NO	EACH
5/16" x 250'	HV11400	137.20
1/2" x 300'	HV11425	116.53
1/2" x 1000'	HV11436	388.44
1/2" x 1200'	HV11435	466.13
5/8" x 500'	HV11445	238.48
3/4" x 300'	HV11457	189.70
3/4" x 500'	HV11458	316.17
3/4" x 800'	HV11460	505.87
3/4" x 1000'	HV11462	632.34
1" x 150'	HV11465	182.93



ViegaPEX Barrier Pipe

Straight Lengths - Black with Red Stripe

SIZE	STOCK NO	EACH
3/4" x 20'	HV11500	12.65
1" x 20'	HV11505	24.39
1 1/4" x 20'	HV11510	35.12
1 1/2" x 20'	HV11515	60.37

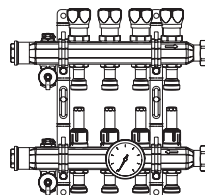


Rapid Grid Barrier Panel

SIZE	STOCK NO	EACH
2' x 4' Panel	HV15216	17.98

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	201.70
3 Outlet	HV15901	211.52
4 Outlet	HV15902	264.87
5 Outlet	HV15903	304.39
6 Outlet	HV15904	350.05
7 Outlet	HV15905	387.10
8 Outlet	HV15906	431.84

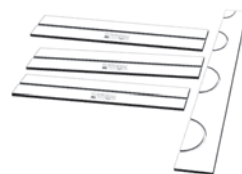
SVC Compression Pex Adapters

Attaches PEX tubing to Viega NA manifolds or other SVC connections.



PEX x SVC

SIZE	STOCK NO	EACH
5/16"	HV19007	5.21
3/8"	HV19008	5.98
1/2"	HV19009	5.06
5/8"	HV19010	5.93
3/4"	HV19011	10.72



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	11.60
U-Turn Strip	HV14035	16.33

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	18.90
1/2" Groove	HV15208	20.02



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 Pressure 60 psig, Max Temp. 200° F
- 5 Year Warranty



HEIGHT	DIAMETER	CAPACITY US GALLONS	PRIMARY/SECONDARY CONNECTIONS	DRAIN CONNECTIONS	STOCK NO	PRICE
39.7"	14.2"	14	1 1/4" NPTF	3/4" NPTF	ZBT14	417.56
42.2"	18.5"	28	1 1/4" NPTF	1 1/4" NPTF	ZBT28	551.44

Expansion Tanks

Zilmet Expansion Tanks with Base

- Carbon Steel Shell
- Carbon Steel Connection
- SBR synthetic rubber membrane
- Max operating pressure: 90 PSIG
- Operating temperature: 210°F
- 5 year limited manufacturer warranty
- FOR HYDRONIC USE ONLY



CAPACITY GALLONS	TANK DIA./WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
13.2	16"	20"	8.1	ZHT50F	201.83
21.1	17.7"	23.9"	15.3	ZHT80	264.30
27.7	19.7"	26.2"	20.1	ZHT105	323.53
39.6	19.7"	35.3"	28.8	ZHT150	421.94
66.0	24.8"	37"	48	ZHT250	604.50
79.3	24.8"	43.5"	57.7	ZHT300	810.60

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
- 5 year limited manufacturer warranty
- FOR HYDRONIC USE ONLY



CAPACITY GALLONS	TANK DIA./WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
2.1	8.7"	11.6"	1.4	ZHT815	43.11
4.8	11.4"	14.8"	3	ZHT1830	48.26
6.3	12.8"	16.3"	3.9	ZHT2460	66.03

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 1/2" NPT					
2.1	9.8"	3.7"	1.1	ZFT8R15	91.62
4.8	13.8"	6.2"	2.4	ZFT18R30	110.96
6.3	13.8"	7"	3.5	ZFT24R60	158.76

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 S.S. steel connector
- Suitable for use with glycol



CAPACITY GALLONS	TANK DIA./WIDTH	TANK HEIGHT	ACCEPTANCE VOLUME (GAL)	STOCK NO	EACH
2.1	7.9"	11"	1.4	ZHTR15	59.25
4.8	10.6"	13.7"	3.3	ZHTR30	66.42



Centrotherm Vent Systems

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	4.95
3" with Long Socket	ISVL03116	7.59
4" with Long Socket	ISVL0419	21.67
6"	ISVL0614	59.98
8"	ISVL081	93.14
10"	ISVL101	105.79
24" Lengths		
2" with Long Socket	ISVL02225	7.56
3" with Long Socket	ISVL03216	13.43
4" with Long Socket	ISVL0429	30.27
6"	ISVL0624	73.65
8"	ISVL082	100.74
10"	ISVL102	136.50
12"	ISVL122	299.25
36" Lengths		
2" with Long Socket	ISVL02325	9.50
3" with Long Socket	ISVL03316	19.85
4" with Long Socket	ISVL0439	42.75
6"	ISVL0634	116.14
8"	ISVL083	125.89
10"	ISVL103	205.19
12"	ISVL123	337.71
72" Lengths		
2" with Long Socket	ISVL02625	13.57
3" with Long Socket	ISVL03616	26.49
4" with Long Socket	ISVL0469	60.48
6"	ISVL0664	166.21
8"	ISVL086	233.63
10"	ISVL106	369.87
12"	ISVL126	473.66
108" Lengths		
12"	ISVL129	710.50
120" Lengths		
2" with Long Socket	ISVL021016	20.66
3" with Long Socket	ISVL03109	40.89
4" with Long Socket	ISVL0410	93.33
6"	ISVL06104	227.12
8"	ISVL08102	331.66
10"	ISVL1010	617.15

45° Elbows

SIZE	STOCK NO	EACH
2" with Long Socket	ISELS024520	6.21
3" with Long Socket	ISELS034512	10.88
4" with Long Socket	ISELS04456	19.73
6"	ISELS06452	59.36
8"	ISELS0845	102.12
10"	ISEL1045	200.58
12"	ISEL1245	403.18



87° Elbows

SIZE	STOCK NO	EACH
2" with Long Socket	ISELS028720	6.21
2" Long	ISELL028716	7.45
3" with Long Socket	ISELS038712	11.55
3" Long	ISELL038710	13.08
4" with Long Socket	ISELS04876	19.73
6"	ISEL06872	59.37
8"	ISELS0887	118.46
10"	ISEL1087	282.73
12"	ISEL1287	554.15



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	4.98



Tees

SIZE	STOCK NO	EACH
3"	IST03	58.57
4"	IST04	115.67
6"	IST06	153.48
10"	IST10	177.93
12"	IST12	457.61



Velocity Cones

SIZE	STOCK NO	EACH
4" to 3"	ISVC0403	44.03
6" to 4"	ISVC0604	61.85
8" to 6"	ISVC0806	114.86



Centric Increaser

Transitions vent system to a larger diameter.

SIZE	STOCK NO	EACH
2" to 3"	ISIA0203	16.76
3" to 4"	ISIA0304	19.84
4" to 6"	ISIA0406	122.75
6" to 8"	ISIA0608	126.22
8" to 10"	ISIA0810	134.65
10" to 12"	ISIA1012	208.00

Centric Reducer

Transitions vent system to a smaller diameter.

SIZE	STOCK NO	EACH
3" to 2"	ISRD0302	15.20
4" to 3"	ISRD0403	47.21
6" to 4"	ISRD0604	95.99
8" to 6"	ISRD0806	120.81
10" to 8"	ISRD1008	138.51
12" to 10"	ISRD1210	441.78



Support Clamps

Used as vertical or horizontal support. Space 78" in vertical and 39" in horizontal installations. Uses 3/8" threaded rod.



SIZE	STOCK NO	EACH
2"	IASC0220	7.74
3"	IASC0320	9.28
4"	IASC0420	11.62
6"	IASC0620	15.38
8"	IASC0820	15.82

Connector Rings

Supports loads of up to 99 lbs.

SIZE	STOCK NO	EACH
2"	IANS02100	2.95
3"	IANS0375	5.33
4"	IANS0450	6.19
6"	IANS06	14.88
8"	IANS08	18.75
10"	IANS10	22.62
12"	IANS12	37.00



Flue Clamp

Secures ISAGL appliance adaptors to appliance flue collar.

SIZE	STOCK NO	EACH
2"	IAFC02	11.37
3"	IAFC03	15.34



Appliance Adapter

PVC to PPS with Gasket

SIZE	STOCK NO	EACH
2"	ISAGL020210	12.40
3"	ISAGL030312	29.45
4"	ISAGL04048	38.11





Centrotherm Vent Systems

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	12.40
3"	ISAAL030312	29.45
4"	ISAAL04048	38.11
6"	ISAAL0606	77.61

Commercial Appliance Adaptor

Adapts stainless steel flue outlets to InnoFlue® may require a vibration isolation boot.



SIZE	STOCK NO	EACH
4"	ISSA0404	52.48
6"	ISSA0606	106.65
8"	ISSA0808	128.12
10"	ISSA1010	143.06
12"	ISSA1212	282.10

Appliance Adapters

SIZE	STOCK NO	EACH
For KBN Series and Navien NFB-C		
3"	ISAALE0303	48.36
For KHN and KBX Series		
4"	ISAALE0404	54.87
For KBX Series		
6"	ISAALE0606	86.91



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	62.36
3" / 5"	ICWT352	67.31

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	84.25
4"	ISHDF04	93.20
6"	ISHDF06	163.83
8"	ISHDF08	230.85
10"	ISHDF10	299.22
12"	ISHDF12	374.96

Tee Cap with Drain

Use with any InnoFlue® siphon to drain condensate from the vent system.



SIZE	STOCK NO	EACH
3"	ISTCD03	76.06
4"	ISTCD04	80.07
6"	ISTCD06	128.12
8"	ISTCD08	130.43
10"	ISTCD10	134.65
12"	ISTCD12	171.57

The Snork InnoFlue Exhaust Termination

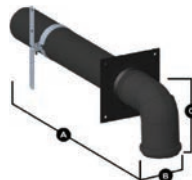
One piece exhaust termination.
Includes bird screen, support clamp, and wall plate



SIZE	LENGTH (A)	MAX OD (B)	HEIGHT (C)	STOCK NO	EACH
2"	24"	3"	18"	ISSNKLTK0210	51.17
3"	25"	3.7"	20"	ISSNKLTK036	69.72
4"	26"	5"	22"	ISSNKLTK044	81.69

The Snout InnoFlue Intake Termination

One piece intake termination.
Includes bird screen, support clamp, and wall plate



SIZE	LENGTH (A)	MAX OD (B)	HEIGHT (C)	STOCK NO	EACH
2"	21"	3"	5.5"	ISSNTTK0210	48.93
3"	22"	3.7"	6.3"	ISSNTTK036	66.42
4"	23"	5"	7.5"	ISSNTTK044	80.89

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	330.25
2" x 50'	.IFCK0250	451.47
3" x 25'	.IFCK0325	331.98
3" x 50'	.IFCK0350	483.52
4" x 25'	.IFCK0425	497.19
4" x 50'	.IFCK0450	854.04

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	47.51

Twin Pipe / Concentric Reversible Adaptor

Reversible adaptor transitions between InnoFlue® SW and InnoFlue® Concentric.



DIAMETERS	STOCK NO	EACH
3" / 5"	ICCT3503	77.01

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	33.15



Centrotherm Vent Systems



Bird Screens

PPS-UV Black

SIZE	MATERIAL	STOCK NO	EACH
2"	PPS-UV Black	IASPP0220	7.03
3"	PPS-UV Black	IASPP0320	12.36
4"	PPS-UV Black	IASPP04	15.14
6"	PPS-UV Black	IASPP06	29.45
8"	Stainless Steel	IASSS08	105.18
10"	Stainless Steel	IASSS10	126.22
12"	Stainless Steel	IASSS12	163.40

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	194.99



Branch Tees

42° Y allows for the cascading or common venting of appliances.

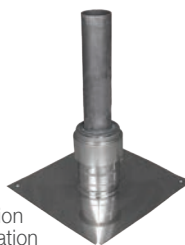
SIZE	FEEDER	STOCK NO	EACH
3 x 36"	2"	ISBT030236	74.16
4 x 36"	2"	ISBT040236	80.07
6 x 36"	2"	ISBT060236	130.01



Roof Flashing

Watertight flashing prevents leaks. Integrates easily with all InnoFlue Components.

SIZE	PITCH	STOCK NO	EACH
6"	Flat	IAFRF06	231.41
8"	Flat	IAFRF08	238.98
6"	3/12	IAPRF0603	265.06
6"	3/12	IAPRF0803	289.13



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	371.12
8"	ISCM08	437.57



PVC Adapter

3" Pipe Sch. 40 PVC hub can stick in adapter for venting (For 2" PVC venting NO adapter is necessary PVC pipe will fit into the Centrotherm Hub.)

SIZE	STOCK NO	EACH
3"	ISAPVC0303	142.16



Metalbestos Pipe and Fittings

Gas Vent



Type RV Round Pipe

SIZE	STOCK NO	EACH
5' Lengths		
3"	3X5RV	31.55
4"	4X5RV	38.17
5"	5X5RV	44.27
6"	6X5RV	52.00
7"	7X5RV	79.36
8"	8X5RV	91.12
4' Lengths		
3"	3X4RV	25.59
4"	4X4RV	31.97
5"	5X4RV	37.24
6"	6X4RV	43.39
7"	7X4RV	67.24
8"	8X4RV	74.88
3' Lengths		
3"	3X3RV	19.62
4"	4X3RV	24.53
5"	5X3RV	28.94
6"	6X3RV	33.81
7"	7X3RV	54.98
8"	8X3RV	61.57
2' Length		
3"	3X2RV	16.16
4"	4X2RV	18.01
5"	5X2RV	22.03
6"	6X2RV	26.30
7"	7X2RV	42.86
8"	8X2RV	48.04
18" Lengths		
3"	3X18RV	12.18
4"	4X18RV	14.47
5"	5X18RV	16.68
6"	6X18RV	19.01
7"	7X18RV	31.24
8"	8X18RV	37.60
12" Lengths		
3"	3X12RV	10.15
4"	4X12RV	11.97
5"	5X12RV	14.15
6"	6X12RV	15.65
7"	7X12RV	24.25
8"	8X12RV	28.04
6" Lengths		
3"	3X6RV	9.82
4"	4X6RV	10.67
5"	5X6RV	12.22
6"	6X6RV	14.98



RV Adjustable Length

SIZE	STOCK NO	EACH
Type RV-12"		
3"	3X12ARV	12.96
4"	4X12ARV	15.39
5"	5X12ARV	17.46
6"	6X12ARV	19.81
7"	7X12ARV	25.97
Type RV-18"		
4"	4X18ARV	23.80
5"	5X18ARV	26.30

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. 1/2" 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	154.03
12"	12R36	183.50
14"	14R36	305.23
16"	16R36	439.39
18"	18R36	542.47
18" Lengths		
10"	10R18	103.32
12"	12R18	122.01
14"	14R18	227.96
16"	16R18	284.79
18"	18R18	331.32

Type R Adjustable Length

SIZE	STOCK NO	EACH
18" Lengths		
10"	10R18A	152.94
12"	12R18A	155.39



90° Adjustable Elbow

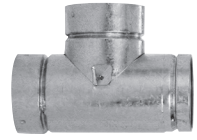
Type RV

SIZE	STOCK NO	EACH
3"	3RVL	26.46
4"	4RVL	32.08
5"	5RVL	37.61
6"	6RVL	44.99
7"	7RVL	74.94
8"	8RVL	79.75



45° Adjustable Elbow

SIZE	STOCK NO	EACH
Type RV		
3"	3RV45L	15.84
4"	4RV45L	18.76
5"	5RV45L	22.03
6"	6RV45L	26.42
7"	7RV45L	40.24
8"	8RV45L	46.33
Type R		
10"	10R45L	151.42
12"	12R45L	161.50
14"	14R45L	253.37



Tee

SIZE	STOCK NO	EACH
Type RV		
3"	3RVT	39.08
4"	4RVT	40.57
5"	5RVT	44.23
6"	6RVT	47.58
7"	7RVT	55.29
8"	8RVT	76.03

Type R

10"	10RTEE	269.98
12"	12RTEE	277.37
14"	14RTEE	493.26
16"	16RTEE	732.57
18"	18RTEE	882.91



Tee Cap

SIZE	STOCK NO	EACH
Type RV		
3"	3RVCAP	2.81
4"	4RVCAP	3.15
5"	5RVCAP	4.13
6"	6RVCAP	4.83
7"	7RVCAP	8.26
8"	8RVCAP	9.74

Type R

10"	10RTCAP	27.81
12"	12RTCAP	36.58
14"	14RTCAP	75.13
16"	16RTCAP	88.72
18"	18RTCAP	100.72



Fixed Wye

SIZE	STOCK NO	EACH
Type RV		
4"	4RVY	40.57
5x3"	5X3RVY	45.51
5x4"	5X4RVY	44.25
5x4x4"	5X4X4RVY	51.11
6x4"	6X4RVY	47.05



Draft Hood Connector

SIZE	STOCK NO	EACH
Type RV		
4"	4RVDHC	11.51
5"	5RVDHC	11.93
6"	6RVDHC	13.72
8"	8RVDHC	21.45



Metalbestos Pipe and Fittings

Gas Vent

Increaser



SIZE	STOCK NO	EACH
Type RV		
3-4"	34RVI	22.44
3-5"	35RVI	25.04
3-6"	36RVI	25.49
4-5"	45RVI	21.41
4-6"	46RVI	22.50
5-6"	56RVI	22.29
6-7"	67RVI	27.98

Wall Thimble

Adjust 4 1/8" to 7" wall thickness



SIZE	STOCK NO	EACH
Type RV		
3"	3RVWT	16.76
4"	4RVWT	18.66
5"	5RVWT	20.96
6"	6RVWT	25.66
7"	7RVWT	31.63
8"	8RVWT	32.68

Pipe Collar

May be used as firestop
for openings in floors, ceilings and walls



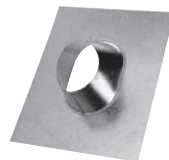
SIZE	STOCK NO	EACH
Type RV		
3"	3RVPC	5.06
4"	4RVPC	5.10
5"	5RVPC	5.28
6"	6RVPC	5.46

Storm Collar



SIZE	CODE	EACH
Type RV		
3"	3RVSC	2.62
4"	4RVSC	3.15
5"	5RVSC	6.31
6"	6RVSC	6.52
7"	7RVSC	8.19
8"	8RVSC	8.46
Type R		
10"	10RSC	14.37
12"	12RSC	18.65
14"	14RSC	40.02
16"	16RSC	77.14
18"	18RSC	121.57

Adjustable Roof Flashing Flat to 6/12 pitch



SIZE	CODE	EACH
Type RV		
3"	3RVAF	9.53
4"	4RVAF	10.77
5"	5RVAF	16.76
6"	6RVAF	23.43
7"	7RVAF	31.24
8"	8RVAF	33.85

Type R		
10"	10RF	63.71
12"	12RF	89.14
14"	14RF	202.23
16"	16RF	235.45
18"	18RF	333.99

6/12-12/12 pitch

SIZE	CODE	EACH
Type RV		
3"	3RVHF	26.76
4"	4RVHF	27.98
5"	5RVHF	33.36
6"	6RVHF	41.00
7"	7RVHF	53.55
8"	8RVHF	67.24

Tall Cone Flat Flashing

Flat roofs only



SIZE	STOCK NO	EACH
Type RV		
3"	3RVTF	19.62
4"	4RVTF	22.70
5"	5RVTF	25.29
6"	6RVTF	31.85
7"	7RVTF	40.33
8"	8RVTF	45.16

Type R		
10"	10RTF	77.69
12"	12RTF	115.42
14"	14RTF	239.33
16"	16RTF	284.47
18"	18RTF	352.63

Type RV Bird Proof Top



SIZE	STOCK NO	EACH
Type RV		
3"	3RVBT	14.65
4"	4RVBT	15.42
5"	5RVBT	21.19
6"	6RVBT	26.82
7"	7RVBT	42.43
8"	8RVBT	54.56

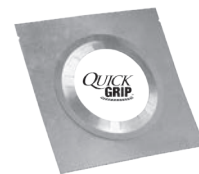
Type R Top



SIZE	STOCK NO	EACH
Type R		
10"	10RTOP	148.73
12"	12RTOP	180.90
14"	14RTOP	290.00
16"	16RTOP	373.00
18"	18RTOP	513.23

Quick Grip

Firestop spacer & pipe support. UL Listed



SIZE	STOCK NO	EACH
Type RV		
4"	4RVFSPU	18.94

Vent-Fast

SIZE	STOCK NO	EACH
3"	3VEFA	10.66
4"	4VEFA	10.66
5"	5VEFA	11.25
6"	6VEFA	11.25
7"	7VEFA	11.59
8"	8VEFA	13.15
10"	10VEFA	16.43

Support Plate

Will support up to 50'



SIZE	STOCK NO	EACH
Type R		
10"	10RSP	75.13
12"	12RSP	103.94
14"	14RSP	136.24
16"	16RSP	156.29
18"	18RSP	164.44



Metalbestos Pipe and Fittings
Platinum Series Ultra-Temp

The Ultra-Temp Type HT Chimney 6", 7", and 8" is intended for normal continuous 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	103.21
8T6	146.48
9" Lengths	
6T9	111.36
7T9	136.88
18" Lengths	
6T18	140.94
8T18	224.11
10S18	280.33
36" Lengths	
6T36	250.55
7T36	323.31
8T36	378.77
10S36	551.81



Universal
Roof Supports
Adjustable from 5-8"

STOCK NO	EACH
URSA	107.25



Universal
Wall Support/Resupport
Assembly
Adjustable from 5-8"

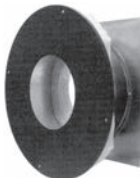
STOCK NO	EACH
UWRSA	149.96



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 packaged with each kit) are to be used at each joint.
Each offset must be resupported.
Elbows rotate 360° to provide orientation required.

STOCK NO	EACH
6TEL15KIT	375.49
7TEL15KIT	422.77
8TEL15KIT	481.19



Wall Spacer
Maintains clearance when passing through a combustible wall.

STOCK NO	EACH
6TIWT	107.25
7TIWT	116.99
8TIWT	126.71



Anchor Plate
For use on masonry fireplace

STOCK NO	EACH
6TAP	87.75
8TAP	119.36



Insulated Tee
with Plug
Used with a wall support kit for outdoor installation

STOCK NO	EACH
6TIT	354.10
7TIT	464.78
8TIT	524.19
10SIT	737.38



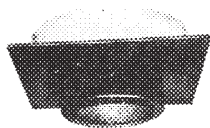
Roof Support
Package
For freestanding fireplaces and cathedral ceiling installations

STOCK NO	EACH
10SRSP	340.43



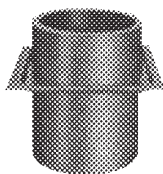
Metalbestos Pipe and Fittings

Platinum Series Ultra-Temp



Finish Support Package

STOCK NO	EACH
6TFSP.....	140.40
7TFSP.....	168.13
8TFSP.....	173.07



JS Joist Shield

STOCK NO	EACH
6TJS.....	42.83



Wall Band

Provides stability and clearance along outside wall. One every 8'.

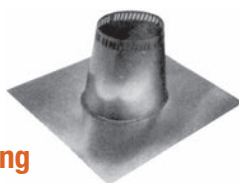
STOCK NO	EACH
6TWB.....	46.95
7TWB.....	55.02
8TWB.....	60.23



Adjustable Roof Flashing

For 1/12 to 6/12 pitch

STOCK NO	EACH
6TAF.....	108.92
7TAF.....	124.86
8TAF.....	136.74
10SAF.....	159.07



Tall Cone Flashing

For flat roofs

STOCK NO	EACH
6TTF.....	145.80
8TTF.....	178.89
10STF.....	194.91



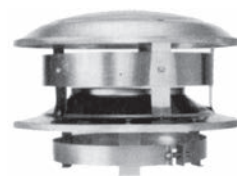
Storm Collar

STOCK NO	EACH
6TCO.....	19.41
7TCO.....	21.99
10SCO.....	37.97
12SCO.....	55.14



FC Finishing Collar

STOCK NO	EACH
6TFC.....	26.58
8TFC.....	36.65



Round Top

STOCK NO	EACH
6TCT.....	120.07
7TCT.....	163.82
8TCT.....	220.04
10SCT.....	395.15

Dripless Smoke Pipe Adapters

STOCK NO	EACH
6TDSAC.....	104.68
8TDSAC.....	117.29



Stainless Steel Vent and Accessories

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	17.76
12" Lengths		
3"	ZF3X12	22.63
4"	ZF4X12	27.10
5"	ZF5X12	36.00
6"	ZF6X12	38.71
7"	ZF7X12	48.90
8"	ZF8X12	57.04
18" Lengths		
3"	ZF3X18	35.95
4"	ZF4X18	40.43
5"	ZF5X18	52.96
6"	ZF6X18	57.04
7"	ZF7X18	71.31
8"	ZF8X18	84.21
24" Lengths		
3"	ZF3X24	45.64
4"	ZF4X24	49.66
5"	ZF5X24	61.80
6"	ZF6X24	66.54
7"	ZF7X24	81.50
8"	ZF8X24	93.04
36" Lengths		
3"	ZF3X36	56.88
4"	ZF4X36	64.29
5"	ZF5X36	80.15
6"	ZF6X36	88.30
7"	ZF7X36	113.41
8"	ZF8X36	131.75
48" Lengths		
5"	ZF5X48	99.15
6"	ZF6X48	110.03
7"	ZF7X48	135.15
8"	ZF8X48	164.34
60" Lengths		
3"	ZF3X60	102.23
4"	ZF4X60	117.95

Z-Vent Joint Lubrication

For use with Single or Double Wall Components

SIZE	STOCK NO	EACH
5.3oz.	2LUBE	20.58



Weil McLain CGI, CGS Starter

Use to adapt appliance vent outlet to Z-Vent

PART NO	STOCK NO	EACH
2SVEWMFA03	ZFWEILA03	40.10



90° Elbow

SIZE	STOCK NO	EACH
3"	ZF3L	64.58
4"	ZF4L	68.45
5"	ZF5L	100.51
6"	ZF6L	110.70
7"	ZF7L	137.20
8"	ZF8L	150.76

45° Elbow

SIZE	STOCK NO	EACH
3"	ZF345L	51.04
4"	ZF445L	59.63
5"	ZF545L	83.54
6"	ZF645L	88.98
7"	ZF745L	105.28
8"	ZF845L	118.18

Horizontal Termination Box

SIZE	STOCK NO	EACH
3"	ZF3TEBO	50.05
4"	ZF4TEBO	51.18
5"	ZF5TEBO	81.50
6"	ZF6TEBO	85.20
7"	ZF7TEBO	90.14
8"	ZF8TEBO	95.09

Horizontal Termination Tee

DESCRIPTION	STOCK NO	EACH
3"	ZF3TETE	50.05
4"	ZF4TETE	55.23

Termination Coupling

DESCRIPTION	STOCK NO	EACH
3"	ZF3TECO	23.38

Universal Appliance Adapter

For use with UTICA SW Series Boilers

SIZE	STOCK NO	EACH
3"	ZF3UNAPAD	28.85
4"	ZF4UNAPAD	32.66
5"	ZF5UNAPAD	49.44
6"	ZF6UNAPAD	57.99
7"	ZF7UNAPAD	70.15
8"	ZF8UNAPAD	76.11

Saf-T Vent to Z-Vent

Flue Outlet Adapter for VSPH Boilers

SIZE	STOCK NO	EACH
3"	ZF3VEAD	27.04

Lochinvar Adapters

SIZE	STOCK NO	EACH
4"	ZF4LOCH	33.86

Knight Boiler Single Wall Adapters

2"	2SVAKA02	78.71
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Appliance Adapter

For use with Buderus GA-124

DESCRIPTION	STOCK NO	EACH
Stainless Steel	ZFGA124	26.26



Stainless Steel Vent and Accessories

Straight Tee

SIZE	STOCK NO	EACH
4"	ZF4TEE	68.16
5"	ZF5TEE	75.33
6"	ZF6TEE	82.84
7"	ZF7TEE	96.31
8"	ZF8TEE	115.46

Boot Tee

SIZE	STOCK NO	EACH
5"	ZF5BOTE	190.04
6"	ZF6BOTE	215.60
7"	ZF7BOTE	241.16
8"	ZF8BOTE	279.78

Vertical Drain Tee

DESCRIPTION	STOCK NO	EACH
3"	ZF3DRTEVE	62.58
4"	ZF4DRTEVE	72.14

Horizontal Drain Pipe

DESCRIPTION	STOCK NO	EACH
3"	ZF3DRPIHO	45.27
4"	ZF4DRPIHO	70.81

Tee Cap w/Drain

SIZE	STOCK NO	EACH
4"	ZF4TECA	35.49
5"	ZF5TECA	42.10
6"	ZF6TECA	44.03
7"	ZF7TECA	47.53
8"	ZF8TECA	49.69

Storm Collars

SIZE	STOCK NO	EACH
3"	ZF3STCO	22.34
4"	ZF4STCO	25.84
5"	ZF5STCO	34.59
6"	ZF6STCO	38.29
7"	ZF7STCO	41.99
8"	ZF8STCO	49.39

Flashing 0-30°

SIZE	STOCK NO	EACH
3"	ZF3ROFL	50.61
4"	ZF4ROFL	52.00
5"	ZF5ROFL	83.34
6"	ZF6ROFL	92.64
7"	ZF7ROFL	108.09
8"	ZF8ROFL	128.11

Rain Cap

SIZE	STOCK NO	EACH
3"	ZF3RACA	78.59
4"	ZF4RACA	81.20
5"	ZF5RACA	104.98
6"	ZF6RACA	116.08
7"	ZF7RACA	129.65
8"	ZF8RACA	146.94

Wall Thimbles

SIZE	STOCK NO	EACH
3"	ZF3WATH	41.85
4"	ZF4WATH	43.33
5"	ZF5WATH	48.40
6"	ZF6WATH	66.70
7"	ZF7WATH	66.70
8"	ZF8WATH	64.20



Flexi-Liner Chimney

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)

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	158.07
4"	35'	A3504	194.40
5"	35'	A3505	229.49
5.5"	35'	A3555	272.10
6"	35'	A3506	272.10
7"	35'	A3507	401.13

Conductor Pipe

10 foot, 26 Gauge



DIA.	STOCK NO	EACH
3"	MU120326	17.42
4"	MU120426	18.55

Liner Leader Cone

Used to guide and pull-down Flexi-Liner through masonry chimney.

DIA.	STOCK NO	EACH
4"	FX4PD	22.69
5"	FX5PD	22.69
5.5"	FX55PD	23.87
6"	FX6PD	23.87
7"	FX7PD	23.87

B-Flex Adapter

Universal adapter to go from Flexi-Liner to all types of Class B vent material.

SIZE	STOCK NO	EACH
4"	LBF04	23.87
5"	LBF05	26.48

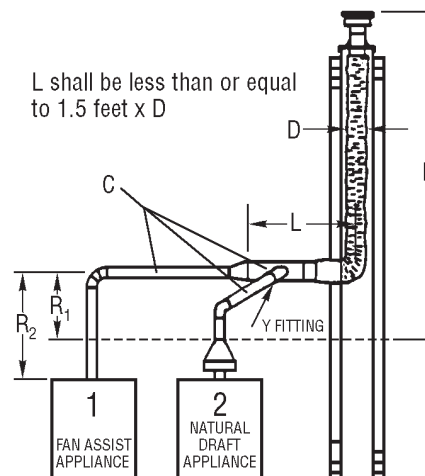


Double Wall Flex Connector

SIZE	STOCK NO	EACH
5' Lengths		
4"	4DWC5	104.67
5"	5DWC5	123.36
4' Lengths		
4"	4DWC4	94.88
3' Lengths		
4"	4DWC3	81.39
5"	5DWC3	97.09
2' Length		
5"	5DWC2	85.31

General Venting Requirements

- Flexi-Liner systems are UL/ULC Listed for masonry chimneys serving Category I natural gas/propane fired appliances.
- 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.
- "Fan Assisted" appliances, on their own, shall not be vented into tile lined chimneys unless a "Listed" lining system is installed.
- The air space around an installed Flexi-Liner system must not be used to vent other appliances.
- The Flexi-Liner system may be smaller in diameter than the outlet of the appliance being served provided:
 - the vent height is at least 10 feet.
 - the liner is not more than one table size smaller.
 - the "FAN MAX" is reduced by 10% if the appliance is "fan assisted".
 - the outlet is larger than 4" if the appliance is "natural draft".
- A Flexi-Liner system venting more than one appliance shall not be smaller diameter than the outlet of the largest appliance being served.
- If the tables permit a choice of more than one Flexi-Liner diameter, the smallest permitted diameter is preferred.
- 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).
- Vent connectors shall be installed in a manner such as stated in the current National Fuel Gas Code.
- 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	NAT	FAN	FAN	NAT	NAT	FAN	FAN	NAT	NAT	FAN	FAN	NAT	NAT	FAN	FAN	NAT	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

Flue Liners

3' Length



SIZE	STOCK NO	EACH
Seamed Alluminum Liner		
6"	6X3SEALLI	20.80
Stainless Steel		
7"	7X3SSFLLI	56.26



Aluminum Pipe

Part No. ALP

SIZE	STOCK NO	EACH
3x2'	3X2AL	6.70
4x2'	4X2AL	6.70
4x5'	4X5AL	13.83
5x2'	5X2AL	8.34
6x2'	6X2AL	9.38
7x2'	7X2AL	11.85
8x2'	8X2AL	13.32
10x2'	10X2AL	18.11



90° Elbow

Part No. AL90/SS90

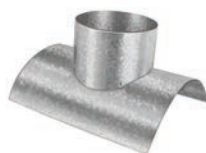
SIZE	STOCK NO	EACH
Aluminum Adjustable		
3"	3ALL	4.77
4"	4ALL	2.99
5"	5ALL	6.11
6"	6ALL	5.01
7"	7ALL	9.07
Stainless Steel Adjustable		
6"	6SSL	51.96
8"	8SSL	71.54

Aluminum Taper Increaser/Reducer

Part No. AL58



SIZE	STOCK NO	EACH
4x3"	4X3ALRI	13.24
5x4"	5X4ALRI	13.24
6x4"	6X4ALRI	13.87
6x5"	6X5ALRI	14.39



90° Vent Saddles

Part No. AL208/207

SIZE	STOCK NO	EACH
90° - Aluminum		
3"	3ALSA90	10.57
4"	4ALSA90	12.63
90° - Galvanized		
3"	3SA90	7.46
4"	4SA90	8.96
5"	5SA90	10.78
6"	6SA90	9.12
7"	7SA90	13.09
8"	8SA90	11.32



45° Vent Saddles

Part No. AL208/208

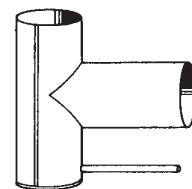
SIZE	STOCK NO	EACH
45° - Aluminum		
3"	3ALSA45	11.73
4"	4ALSA45	13.80
5"	5ALSA45	15.62
45° - Galvanized		
3"	3SA45	7.98
4"	4SA45	9.34
5"	5SA45	11.83
6"	6SA45	10.80
8"	8SA45	16.81



Aluminum Tee

Part No. AL54

SIZE	STOCK NO	EACH
3"	3ECT	21.02
4"	4ECT	21.02
5"	5ECT	23.01
6"	6ECT	25.36
7"	7ECT	33.84
8"	8ECT	46.37



Drip Tee

Part No. 5732

SIZE	STOCK NO	EACH
Aluminum		
3"	3ALDRT	31.58
4"	4ALDRT	31.87
5"	5ALDRT	32.46
6"	6ALDRT	39.24
7"	7ALDRT	47.33
8"	8ALDRT	59.40
10"	10ALDRT	89.82
12"	12ALDRT	114.36



Stainless Steel Plain Tee

Part No. SS54

SIZE	STOCK NO	EACH
6"	6SST	90.32

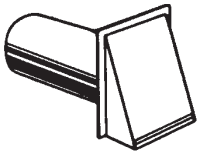


Southwark Vent Pipe and Fittings

Fresh Air Intake

Part No. 36

SIZE	STOCK NO	EACH
4"	4FRAIIN	7.14
5"	5FRAIIN	8.44
6"	6FRAIIN	10.03
7"	7FRAIIN	12.56
8"	8FRAIIN	12.97
10"	10FRAIIN	25.77
12"	12FRAIIN	66.56



(27) Make-up Air System

Adjustable gate provides precise airflow control

SIZE	STOCK NO	EACH
6"	MAS2	63.31



Round Vertical Diverter

Part No. 95

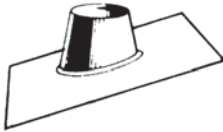
SIZE	STOCK NO	EACH
4"	.954	29.03
5"	.955	30.73
6"	.956	38.68



Adjustable Roof Flashing

Part No. 140

SIZE	STOCK NO	EACH
4"	4ADJFL	18.45
6"	6ADJFL	29.59
8"	8ADJFL	40.31



Single Wall Storm Collar

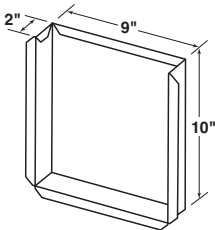
Part No. 142

SIZE	STOCK NO	EACH
4"	4SWSC	6.29
6"	6SWSC	8.23
8"	8SWSC	10.27



Furnace-Mount Literature Rack

SIZE	STOCK NO	EACH
9"x10"x 2"	LITRACK	3.48



Duct Cleats

"S" Cleat

Part No. 6S

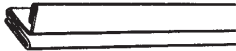
SIZE	STOCK NO	EACH
8"	8SCL	.43
10"	10SCL	.42
12"	12SCL	.46
14"	14SCL	.52
16"	16SCL	.60
18"	18SCL	.75
20"	20SCL	.80
24"	24SCL	.97
60"	60SCL	2.22



Standing "S" Cleat

Part No. 37

SIZE	STOCK NO	EACH
25"	25STSC	1.89
60"	60STSC	3.10
10'	120STSC	11.94



(27) Duro Dyne Standing "S" Cleat

22 gauge • 1 inch

SIZE	STOCK NO	EACH
10'	DD13235	30.19



Drive Cleat

Part No. 8D

SIZE	STOCK NO	EACH
8"	8DRCL	.26
10"	10DRCL	.33
12"	12DRCL	.60
60"	60DRCL	1.72





Southwark Duct and Fittings

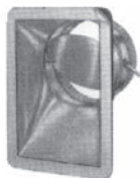
Duct

SIZE	STOCK NO	EACH
Part No. TD48		
8x8x48	8X8X4DU	14.48
10x8x48	10X8X4DU	16.44
10x10x48	10X10X4DU	22.66
12x8x48	12X8X4DU	18.14
12x10x48	12X10X4DU	25.67
12x12x48	12X12X4DU	31.69
14x8x48	14X8X4DU	20.92
14x10x48	14X10X4DU	25.94
14x12x48	14X12X4DU	34.11
14x14x48	14X14X4DU	49.99
16x8x48	16X8X4DU	23.34
16x10x48	16X10X4DU	27.96
16x12x48	16X12X4DU	36.50
18x8x48	18X8X4DU	25.18
18x10x48	18X10X4DU	33.77
20x8x48	20X8X4DU	28.75
20x10x48	20X10X4DU	36.29
20x12x48	20X12X4DU	43.32
22x8x48	22X8X4DU	31.81
24x8x48	24X8X4DU	34.21
24x10x48	24X10X4DU	41.85
25x10x48	25X10X4DU	41.85
26x8x48	26X8X4DU	51.73
30x8x48	30X8X4DU	56.77
Part No. TD60		
8x8x60	8X8X5DU	20.24
10x8x60	10X8X5DU	21.59
10x10x60	10X10X5DU	23.13
12x8x60	12X8X5DU	22.71
12x10x60	12X10X5DU	26.45
14x8x60	14X8X5DU	27.27
14x10x60	14X10X5DU	30.29
16x8x60	16X8X5DU	30.29
16x10x60	16X10X5DU	31.92
18x8x60	18X8X5DU	32.18
18x10x60	18X10X5DU	35.82
20x8x60	20X8X5DU	35.03
20x10x60	20X10X5DU	38.06
22x8x60	22X8X5DU	39.16
22x10x60	22X10X5DU	42.60
24x8x60	24X8X5DU	39.99
24x10x60	24X10X5DU	45.17
25x10x60	25X10X5DU	46.64
25x12x60	25X12X5DU	72.27
26x8x60	26X8X5DU	66.21

Square to Round High Efficiency Adhesive Takeoff

Part No. ATHEWD

SIZE	STOCK NO	EACH
5"	5ADTO	12.67
6"	6ADTO	12.67
7"	7ADTO	14.07
8"	8ADTO	15.77
9"	9ADTO	23.78
10"	10ADTO	24.16
12"	12ADTO	29.00
14"	14ADTO	32.04
16"	16ADTO	33.16



Duct Takeoff with Adhesive

Part No. ATT, With Damper ATD

SIZE	STOCK NO	EACH
4"	4ADDDTO	6.59
6"	6ADDDTO	4.61
6" with Damper	6ADH DUWD	9.41
7" with Damper	7ADH DUWD	12.08
8" with Damper	8ADH DUWD	10.86
10" with Damper	10ADH DUWD	13.65
12" with Damper	12ADH DUWD	16.65



Round Pipe Takeoff

Part No. ATTRP_NG

SIZE	STOCK NO	EACH
5"	5RDTO	6.24
6"	6RDTO	5.97
8"	8RDTO	6.74

Round Pipe Takeoff with Adhesive

Part No. ATTRP, With Damper ATDRP

SIZE	STOCK NO	EACH
6"	6RDADTO	5.97
7"	7RDADTO	10.19
8"	8RDADTO	10.85
6" with Damper	6RDADTOWD	13.49
8" with Damper	8RDADTOWD	16.51



Conical Adhesive Takeoff with Damper

Part No. ATDBM

SIZE	STOCK NO	EACH
6"	6ADCTO	15.02
8"	8ADCTO	17.78
10"	10ADCTO	21.45
12"	12ADCTO	25.60

Speedi Boot

SIZE	STOCK NO	EACH
4 x 10"	SBH410	8.93
4 x 12"	SBH412	9.56



Takeoff with Scoop

Part No. 97LSWDS

SIZE	STOCK NO	EACH
6"	T27S6	6.50
10"	T27S10	12.81

Adjustable Pivot Take-off

Part No. S5

SIZE	STOCK NO	EACH
5"	S55	9.55
6"	S56	7.32
7"	S57	13.02



Adjustable Take-off with Long Gore

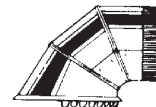
Part No. S5-LG

SIZE	STOCK NO	EACH
6"	S56LG6	11.51

Half Tab Take-off

Part No. HT156

SIZE	STOCK NO	EACH
4"	T54	6.24
5"	T55	6.24
6"	T56	4.41
7"	T57	6.65



Half Tab Take-off Long Gore

Part No. HT156LG6

SIZE	STOCK NO	EACH
4"	T54LG	8.88
5"	T55LG	8.88
6"	T56LG	7.61
7"	T57LG	9.38

Full Tab Take-off

Part No. EP15

SIZE	STOCK NO	EACH
6"	T76	4.41
7"	T77	7.14
8"	T78	9.49

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	5.08
7"	7TOL	11.17



Zero Rise Take-off

Part No. 62

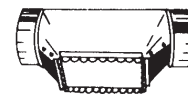
SIZE	STOCK NO	EACH
6"	T156	7.34



Double Top Take-off

Part No. 64

SIZE	STOCK NO	EACH
6"	T176	20.84

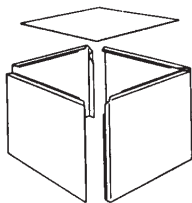


24 Gauge Angles

SIZE	STOCK NO	EACH
1" x 3" x 18"	ANG181X3	1.26



Southwark Duct and Fittings



Universal Plenum

Part No. 49P/49T/49C

SIZE	STOCK NO	EACH
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Plenum Panel

20x34"	20X34UNPLPA	20.38
20x47"	20X47UNPLPA	26.87
24x47"	24X47UNPLPA	30.56

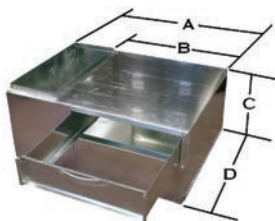
Universal Plenum Top

20x20"	20X20UNPLTO	10.19
24x24"	24X24UNPLTO	14.31

Custom Plenum

16x20x48"	16X20X48CUPL	144.52
16 1/2 x20x48"	16 1/2 X20X48CUPL	148.56
19 1/2 x20x48"	19 1/2 X20X48CUPL	160.62
*20x20x48"	*20X20X48CUPL	104.17
*24x24x48"	*24X24X48CUPL	165.36

*Plenums may be trimmed to size.



Return Air Support Box For Filters

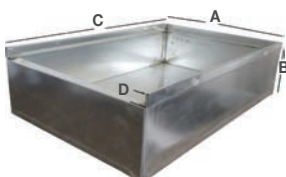
SBF Series - With Drawer

"A" DIM	"B" DIM	"C" DIM	"D" DIM	RETURN DUCT SIZE	STOCK NO	PRICE
30"	22"	15"	28"	24 x 8	SBF30	203.68
36"	26"	15"	28"	25 x 10	SBF36	212.44
40"	30"	17"	28"	25 x 10	SBF38	245.48

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	247.95

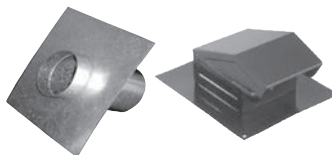


FBC Series Furnace Box

Galvanized Steel - NO Filter Slot

"A" DIM	"B" DIM	"C" DIM	"D" DIM	STOCK NO	PRICE
21"	7 1/4"	28"	1"	FBC62128	66.73

Roof Cap Adapter



SIZE	STOCK NO	EACH
4"	RCA04	7.22
6"	RCA06	10.83

White Magnetic Cover

For cold air drop



SIZE	STOCK NO	EACH
4x20"	MC420	4.90
4x25"	MC425	5.86

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	116.42
20x10" Duct to 20x14" Filter		
No. 812	70K	156.55
25x10" Duct to 25x16" Filter		
No. 811EC	71	125.75
Cold Air Drop for 5" Filter		
712315	712315CAD	275.78
Cold Air Drop		
No. 813	71K	183.09

Cold Air Shoes

SIZE	STOCK NO	EACH
20"x10"-16"x20"	705FS	72.06
16"x25"-25"x10"	71162514S	81.07
25"x16"-25"x10"	76S	97.52

Slide out drawer for filter • filter not included

16"x25"-25"x20"	71ALTERAIRE2510	141.75
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Shoe, Filter, and Cover Only

MODEL #	STOCK NO	EACH
No. 70S	70S	69.07
No. 70KS	70KS	115.31
No. 71SCF	71S	77.70

Return Air Drop Duct Section Only

For No. 70K

SIZE	STOCK NO	EACH
20x10x32"	20X10X32DU	48.71

Return Air Drop Duct Sections Only

SIZE	STOCK NO	EACH
20x10x48"	20X10X48DU	36.29
25x10x32"	25X10X32DU	57.80

Cold Air Boot

SIZE	STOCK NO	EACH
16"x25"-25"x10" w/5" filter	711625FS5	131.48
25"x20"-10"x25" w/5" filter	712520FS5	145.16

Cold Air Drop Package

Consisting of:

- 1 - #20 Starting collar
- 2 - 30" duct sections
- 1 - return air plenum with 1" filter rack
- 6 - 10" drive straps

STOCK NO	EACH
819ALTER	213.56



Southwark Duct and Fittings



Galvanized Pipe

SIZE	STOCK NO	EACH
5' Length • Part No. SL60		
26 Gauge		
4"	4X526	10.40
5"	5X526	11.49
6"	6X526	11.65
7"	7X526	14.14
8"	8X526	15.21
9"	9X526	19.19
10"	10X526	19.11
12"	12X526	22.39
14"	14X526	27.02
16"	16X526	34.38
30 Gauge		
3"	3X530	6.12
4"	4X530	6.12
5"	5X530	6.60
6"	6X530	6.60
7"	7X530	8.82
8"	8X530	10.47
10"	10X530	14.54
12"	12X530	15.65
10' Length • Part No. SL120		
30 Gauge		
4"	4X1030	10.77
5"	5X1030	13.22
6"	6X1030	13.22
7"	7X1030	17.64



Elbow

Part No. 90

SIZE	STOCK NO	EACH
26 Gauge		
4"	.426L	2.77
5"	.526L	3.81
6"	.626L	3.98
7"	.726L	4.37
8"	.826L	4.57
9"	.926L	8.12
10"	1.026L	8.29
12"	1.226L	10.02
14"	1.426L	12.97
30 Gauge		
3"	.330L	1.84
4"	.430L	1.84
5"	.530L	2.15
6"	.630L	2.15
7"	.730L	3.03
8"	.830L	3.47
9"	.930L	6.74
10"	1.030L	7.15



Tee Joint

Part No. 54

SIZE	STOCK NO	EACH
26 Gauge		
3"	326T	11.82
4"	426T	12.00
5"	526T	12.42
6"	626T	15.11
7"	726T	17.50
8"	826T	18.30
10"	1026T	22.45
12"	1226T	26.95
14"	1426T	35.36
16"	1626T	39.14

Straight Perimeter Boot

Part No. 27R

SIZE	STOCK NO	EACH
2 1/4 x 10 x 5"	P52105	6.25
2 1/4 x 10 x 6"	P52106	5.50
2 1/4 x 12 x 5"	P52125	6.25
2 1/4 x 12 x 6"	P52126	4.18
2 1/4 x 14 x 6"	P52146	7.52
4 x 10 x 5"	P54105	5.11
4 x 10 x 6"	P54106	4.41
4 x 10 x 7"	P54107	5.93
4 x 12 x 6"	P54126	4.68
4 x 12 x 7"	P54127	5.99
4 x 12 x 8"	P54128	6.15
4 x 14 x 7"	P54147	6.98
4 x 14 x 8"	P54148	6.98
6 x 10 x 6"	P56106	10.25
6 x 12 x 6"	P56126	6.98

90° Angle Perimeter Boot

Part No. 24R

SIZE	STOCK NO	EACH
2 1/4 x 10 x 5"	P132105	6.25
2 1/4 x 10 x 6"	P132106	5.00
2 1/4 x 12 x 5"	P132125	6.54
2 1/4 x 12 x 6"	P132126	4.18
2 1/4 x 12 x 7"	P132127	6.54
2 1/4 x 14 x 6"	P132146	6.98
4 x 8 x 6"	P13486	7.53
4 x 10 x 5"	P134105	4.56
4 x 10 x 6"	P134106	4.41
4 x 10 x 7"	P134107	5.93
4 x 12 x 5"	P134125	6.93
4 x 12 x 6"	P134126	4.68
4 x 12 x 7"	P134127	5.99
4 x 12 x 8"	P134128	6.15
4 x 14 x 7"	P134147	6.98
4 x 14 x 8"	P134148	6.98
With 8" Reinforced Wing		
4 x 10 x 6"	4X10X6ANPEBOW8	10.98

Center Perimeter Boot

Part No. 28R



SIZE	STOCK NO	EACH
2 x 10 x 4"	P172104	6.46
2 1/4 x 10 x 5"	P172105	6.46
2 1/4 x 10 x 6"	P172106	5.96
2 1/4 x 12 x 5"	P172125	6.70
2 1/4 x 12 x 6"	P172126	4.91
2 1/4 x 12 x 7"	P172127	8.56
2 1/4 x 14 x 6"	P172146	6.98
4 x 10 x 4"	P174104	6.57
4 x 10 x 5"	P174105	4.56
4 x 10 x 6"	P174106	4.41
4 x 12 x 6"	P174126	4.68
4 x 12 x 7"	P174127	5.99
4 x 12 x 8"	P174128	7.17
4 x 14 x 7"	P174147	7.22
4 x 14 x 8"	P174148	7.22

Right End Boot • Part No. 28RR

2 1/4 x 12 x 5"	P17R2125	6.84
2 1/4 x 12 x 6"	P17R2126	4.76
4 x 10 x 6"	P17R4106	5.86
4 x 12 x 6"	P17R4126	6.05

Left End Boot • Part No. 28RL

2 1/4 x 12 x 5"	P17L2125	6.84
2 1/4 x 12 x 6"	P17L2126	4.76
4 x 10 x 6"	P17L4106	5.86
4 x 12 x 6"	P17L4126	6.05

Toe-Kick Boot with Damper

No. TK-226D



SIZE	STOCK NO	EACH
2 1/4 x 12 x 6"	214X12X6BOWD	5.85



Southwark Duct and Fittings

Tapered Reducer/Increaser

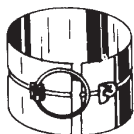
Part No. 58 - No Crimp



SIZE	STOCK NO	EACH
4x3	4X3RI	3.86
5x3	5X3RI	4.59
6x3	6X3RI	4.59
5x4	5X4RI	4.59
6x4	6X4RI	4.59
8x4	8X4RI	7.68
6x5	6X5RI	4.59
7x5	7X5RI	5.37
8x5	8X5RI	7.68
10x5	10X5RI	16.85
7x6	7X6RI	5.37
8x6	8X6RI	7.68
9x6	9X6RI	9.38
10x6	10X6RI	9.38
12x6	12X6RI	9.98
8x7	8X7RI	7.68
9x7	9X7RI	9.38
10x7	10X7RI	9.38
9x8	9X8RI	9.38
10x8	10X8RI	9.38
12x8	12X8RI	9.98
10x9	10X9RI	9.38
12x9	12X9RI	9.98
12x10	12X10RI	9.98
14x10	14X10RI	12.49
14x12	14X12RI	12.49
16x10	16X10RI	15.70
16x12	16X12RI	15.70
16x14	16X14RI	15.70
18x10	18X10RI	29.54
18x12	18X12RI	22.78
18x14	18X14RI	22.78
18x16	18X16RI	22.78
Part No. 58_CR - Small End Crimped		
6x4	6X4RISEC	12.89

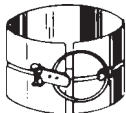
Drawband

Part No. S75



SIZE	STOCK NO	EACH
5"	.5DRBA	5.07
6"	.6DRBA	4.26
7"	.7DRBA	5.16
8"	.8DRBA	5.79

Connector



SIZE	STOCK NO	EACH
6"	6S55DRBA	6.23

Plain Cap

Part No. 55



SIZE	STOCK NO	EACH
3"	3PLCA	5.79
4"	4PLCA	4.90
5"	5PLCA	5.79
6"	6PLCA	5.34
7"	7PLCA	5.93
8"	8PLCA	6.05
9"	9PLCA	7.31
10"	10PLCA	8.74
12"	12PLCA	9.12
14"	14PLCA	12.56
16"	16PLCA	14.44
18"	18PLCA	27.84

Duct Hanger



STOCK NO	EACH
DHMINI	.10

Bassett Square Duct Hanger



SIZE	STOCK NO	EACH
8"	BH38BASQHA	.36
9"	BH39BASQHA	.40
10"	BH10	.51

Pipe Bracket

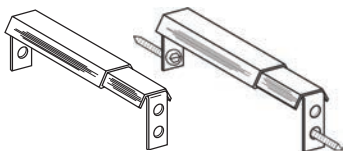
STOCK NO	EACH
HNGRPRO	.90



Bassett 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	.91
Adjustable 19-26"	E125G	1.11



Bassett 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	.94
WITH Screws		
Adjustable Tab 12-19"	ATS125	1.06
Adjustable 19-26"	ETS125G	1.27

Bassett Pipe Hanger

For fast and easy installation of round 5" and 6" pipes.



STOCK NO	EACH
BH2BAHA	.55

Bassett 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	.23



Southwark Duct and Fittings

Oval

Oval Pipe



SIZE	STOCK NO	EACH
5x60"	5X60OV	15.72
6x60"	6X60OV	8.01
6x100"	6X100OV	13.45
6x113"	6X113OV	15.01
6x120"	6X120OV	17.77
7x60"	7X60OV	9.78
7x100"	7X100OV	15.89
7x113"	7X113OV	18.11
8x60"	8X60OV	15.25
8x100"	8X100OV	25.39

Round To Oval Straight Boot

Part No. 127



SIZE	STOCK NO	EACH
5"	5OVRDBO	11.47
6"	6OVRDBO	5.52
7"	7OVRDBO	9.12
8"	8OVRDBO	11.24

Round To Oval End Boot

Part No. 106



SIZE	STOCK NO	EACH
5"	5OVRDENBO	19.41
6"	6OVRDENBO	9.92
7"	7OVRDENBO	12.60
8"	8OVRDENBO	14.80

Oval To Oval End Boot

Part No. 128



SIZE	STOCK NO	EACH
6"	6OVOENBO	18.07
7"	7OVOENBO	21.06
8"	8OVOENBO	21.06

Vertical 45° Angle

Part No. 115



SIZE	STOCK NO	EACH
6"	6OVVEAN	3.71
7"	7OVVEAN	4.90
8"	8OVVEAN	6.66

Flat 45° Angle

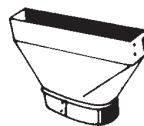
Part No. 113



SIZE	STOCK NO	EACH
6"	6OVFLAN	5.85
7"	7OVFLAN	9.75
8"	8OVFLAN	10.73

Straight Register Boot

Part No. 127R



SIZE	STOCK NO	EACH
6x2 1/4x12"	6X214X12OVSTREBO	21.70

Straight Register Box

Part No. 355



SIZE	STOCK NO	EACH
6x2 1/4 x12	6X214X12OVSTREBOX	9.32

Round To Oval 90° Boot

Part No. 124



SIZE	STOCK NO	EACH
5"	5OVRD90BO	11.47
6"	6OVRD90BO	5.86
7"	7OVRD90BO	7.31
7" Oval x 6" Rd.	7X6OVRD90BO	9.70
8"	8OVRD90BO	8.63

Vertical 90° Elbow

Part No. 116



SIZE	STOCK NO	EACH
6"	6OVVEL	3.71
7"	7OVVEL	4.98
8"	8OVVEL	7.41

Flat 90° Elbow

Part No. 114



SIZE	STOCK NO	EACH
5"	5OVFLL	8.53
6"	6OVFLL	9.45
7"	7OVFLL	14.14
8"	8OVFLL	14.13

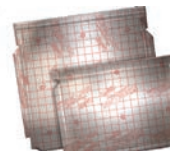
Stackhead

Part No. 110



SIZE	STOCK NO	EACH
4x12x5"	4X12X5OVST	11.84
4x10x6"	4X10OVST	11.34
4x12x6"	4X12OVST	11.34
6x10x6"	6X10OVST	8.93
6x12x6"	6X12OVST	9.92
6x14x6"	6X14OVST	16.23
6x10x7"	7X10OVST	10.63
6x12x7"	7X12OVST	11.59
6x14x7"	7X14OVST	11.48
6x12x8"	8X12OVST	20.90
6x14x8"	8X14OVST	20.90

THERMOPAN



Return Air Panning

Two metalized sides with recycled insulation between. Comes with preformed attached headers, precision diecut and scored for easy install. Staples easily and quickly to floor joists.

SIZE	STOCK NO	EACH
16 x 48"	16X48JOPA	3.63
19 1/2 x 48"	1912X48JOPA	4.51
24 x 48"	24X48JOPA	5.61

Standard Header

SIZE	STOCK NO	EACH
16 x 12"	16X12JOHE	2.35

I-Joist Header

SIZE	STOCK NO	EACH
16 x 19"	16X19JOHE	4.71

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	4.43

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
2 1/4 x 10"	2X10SUFR	1.66
2 1/4 x 12"	2X12SUFR	1.79
4 x 10"	4X10SUFR	1.72
4 x 12"	4X12SUFR	1.82

Thermo-Pan Accessories



Joist Panning Connector

SIZE	STOCK NO	EACH
16"	16JOPACO	.63
19 1/2"	1912JOPACO	.80

Button-Lok Hanger



SIZE	STOCK NO	EACH
2" x 100'	TBL2X100	54.96



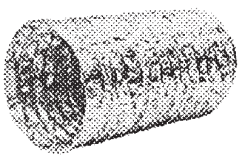
Flex Duct Pipe and Fittings

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	45.76
4"	.4X25REINDUR8	45.76
5"	.5X25REINDUR8	49.54
6"	.6X25REINDUR8	52.01
7"	.7X25REINDUR8	58.45
8"	.8X25REINDUR8	63.87
10"	1.0X25REINDUR8	76.48
12"	1.2X25REINDUR8	94.16
14"	1.4X25REINDUR8	111.84
R-4.2 insulation rating-25'		
4"	UPC0304	27.51
5"	UPC0305	32.00
6"	UPC0306	36.15
7"	UPC0307	39.56
8"	UPC0308	42.85
9"	UPC0309	48.39
10"	UPC03010	53.76
12"	UPC03012	65.12
14"	UPC03014	78.95
16"	UPC03016	92.86
18"	UPC03018	107.58



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	21.71
4"	4X25UNDU	22.91
5"	5X25UNDU	27.62
6"	6X25UNDU	30.71
7"	7X25UNDU	35.27
8"	8X25UNDU	40.11
10"	10X25UNDU	50.62
12"	12X25UNDU	63.01
14"	14X25UNDU	76.49

System 6000
R4.2 Slip-on Insulating Sleeves

- For fast, economical installation on round metal pipe.
- 1" fiberglass insulation blanket and a polyethylene vapor barrier in convenient 5' sections
- Sized to fit standard sheet metal pipe diameters

SIZE	STOCK NO	EACH
4"	4X5INSL	11.61
5"	5X5INSL	12.69
6"	6X5INSL	13.53
7"	7X5INSL	14.67
8"	8X5INSL	16.01
10"	10X5INSL	20.07
12"	12X5INSL	24.85
14"	14X5INSL	31.95

R-8
Slip-on Insulating Sleeves

No. UPC011.

SIZE	STOCK NO	EACH
4"	4X5INSLR8	15.40
5"	5X5INSLR8	16.66
6"	6X5INSLR8	17.52
8"	8X5INSLR8	21.46

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	57.52
5"	5X50REINDU	66.92
6"	6X50REINDU	75.60
7"	7X50REINDU	82.73
8"	8X50REINDU	89.56
10"	10X50REINDU	112.42



Flex Duct Pipe and Fittings

Dyn-O-Tie Gun



	STOCK NO	EACH
8229 DIT-2	8229INTO	68.08

Dyn-O-Ties



SIZE	STOCK NO	EACH
36"	8322DUTI	.38
48"	8323DUTI	.94

DS100 Shurstrap™ Duct Hanging Strap



Lightweight, strong and durable, while providing excellent tensile strength. Resists aging, corrosion, abrasion, chemical and mildew. Easy to use.

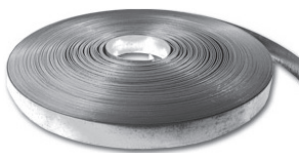
SIZE	STOCK NO	EACH
1 3/4" x 260'	2DUST	6.21

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.

SIZE	STOCK NO	EACH
1/10 Gal. Cartridge.	DD5233	4.11
Gallon.	DD5231	17.23



Coiled Duro Strap

Galvanized hanging strap, 30 Gauge.

SIZE	STOCK NO	EACH
1 1/2" x 100'	DD13167	53.00

Bramec Metal Duct Strap

Sioux Falls Code Approved, 24 Gauge.

SIZE	STOCK NO	EACH
1" x 100'	BR14309	29.79

Gasketing

SIZE	STOCK NO	PER FOOT
No. 21042 Butyl Gasket		
25' Minimum.	DD21042	.24
No. 21043 Neoprene Gasket		
50' Minimum.	DD21043	.61

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
1/2"	DD21097	285.23

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', 1 1/2" Loop	25-150 lbs.	DD31085	7.30
25', 2" Loop	25-250 lbs.	DD30196	16.64

90° Eyelets & Cable Assembly



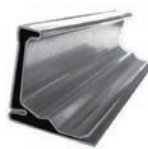
Zinc plated Dyna-Tite 90° Eyelet swaged to the wire rope cable with a hydraulic press.

Safe Working Load 25-150 lbs.

Use CL12 Cable Locks (Stock No DD30351)

EYELET SIZE	CABLE LENGTH	STOCK NO	EACH
1/4"	10'	DD30145	5.23

Dyn-O-Mate "J" Flange



DOMJ Flange - 20 Gauge Steel

SIZE	STOCK NO	EACH
12 ft.	DD21234	35.44
20 ft.	DD21230	59.06

DDJ Corner



For use with DOMJ Flange.
12 Gauge Steel • Nuts/Bolts Sold Separately.

ITEM NO.	STOCK NO	EACH
21240	DD21240	1.21

Dyna-Tite Bracket



Used with rectangular ductwork and equipment with pre-assembled cable lock

STOCK NO	EACH
DD30361	4.01

Dyn-O-Wrap



Puncture Resistant

Light Blue Tint, UV Resistant, Waterproof.

SIZE	STOCK NO	EACH
24" x 200'	DD13382	48.73
36" x 200'	DD13386	68.54

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	.43

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	486.83

TDC Corner



For use in corner insertion machines.
16 Gauge Steel • Nuts/Bolts Sold Separately.

ITEM NO.	STOCK NO	EACH
DDCS • STACKABLE		
21245	DD21245	.84
DOMC • NON-STACKABLE		
21254	DD21254	.60

Dyna-Tite



Cable Locks

CABLE SIZE	STOCK NO	EACH
3/16" (CL23)	DD30350	7.21
3/32" (CL12)	DD30351	3.18
1/8" (CL18)	DD30354	5.01

Dyna-Tite



Cable Lock Wire Rope

SIZE	STOCK NO	EACH
3/32" x 500' (WC3)	DD30202	166.71
1/8" x 500' (WC4)	DD30204	186.96

Hollow Turning Vanes & Rails



SIZE	STOCK NO	EACH
10' Turning Vanes		
2" 26ga.	DD13203	26.63
4" 24ga.	DD13207	51.84
10' Vane Rails		
2" 22ga.	DD13300	25.03
4" 22ga.	DD13302	37.78



Shoemaker Registers and Grilles



Return Air Grille

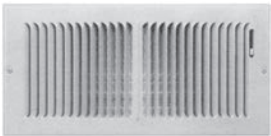
1050 Series - Soft White
1/2" spacing dual angular louvers.
Vision-proof louvers when installed
in high or low sidewall positions.

SIZE	STOCK NO	EACH
14x6"	SH1050146	3.93
30x6"	SH1050306	9.20

Return Air Grille

1033 Series - Soft White
1/3" spacing dual angular louvers.
Vision-proof louvers when installed
in high or low sidewall positions.

SIZE	STOCK NO	EACH
14x6"	SH1033146	4.71
30x6"	SH1033306	11.40



850 Series

Stamped 2-Way Diffuser

850 Series - Soft White
1/2" Fan-shaped louvers. Heavy construction.
Foam gasket. Steel Multi-shutter damper

SIZE	STOCK NO	EACH
10x6"	SH850106	6.29
12x4"	SH850124	6.39
12x6"	SH850126	6.78



Perimeter
Floor Diffuser

350 Series
Multi-degree louvers. Positive volume balance tab.
Heavy gauge cold-rolled steel.

SIZE	STOCK NO	EACH
White		
2X12"	SH350212W	5.22
4X10"	SH350410W	6.64
4x12"	SH325412W	6.37
Tan		
2x12"	SH350212T	5.22
4x10"	SH350410T	6.64
4x12"	SH325412B	6.37
Bronze		
2x12"	SH350212BRONZE	5.55
4x10"	SH350410BRONZE	7.05
4x12"	SH350412BRONZE	8.47



Toe Space
Grille

TS Series
heavy duty cold roll steel construction.

SIZE	STOCK NO	EACH
White		
2x12"	SHTS212W	5.78
Tan		
2x12"	SHTS212	5.44
2x14"	SHTS214	8.46
4x12"	SHTS412	9.56
Bronze		
2x12"	SHTS212BRONZE	5.78



Baseboard Return Air Grille

1150 Series - White & Tan - 1/2" Spacing

SIZE	STOCK NO	EACH
White		
12x6"	SH1150126W	8.32
14x6"	SH1150146W	7.79
14x8"	SH1150148W	9.00
24x6"	SH1150246W	10.19
24x8"	SH1150248W	13.07
30x6"	SH1150306W	11.28
30x8"	SH1150308W	16.30
Tan		
14x6"	SH1150146T	8.43
14x8"	SH1150148T	9.00
30x6"	SH1150306T	12.23
30x8"	SH1150308T	17.28



USR34

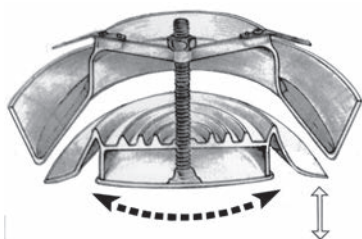
Universal Spiral Grille

- 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	65.55
16 x 6"	SHUSR34FS166	75.55
20 x 6"	SHUSR34FS206	80.27
24 x 6"	SHUSR34FS246	90.98



Easy Air Grilles & Fittings



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	4.85
5"	.5EAGR	4.65
6"	.6EAGR	8.24
8"	.8EAGR	10.61

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 1/2" and 5/8" 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	13.99
5"	.5EATM	13.99
6"	.6EATM	13.99

Quick Mount Fitting

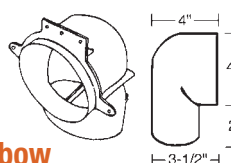
- All white plastic design
- Will not rust or sweat
- Simple to install - saves time
- Can be used for ceiling or wall applications
- Easy air grille pushes into quick mount
- White



SIZE	STOCK NO	EACH
6"	.6EAQMF	8.57

4" Stack Head Elbow

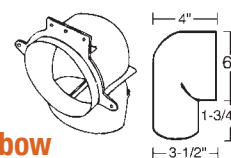
- Ideal for wall installation
- Fits neatly in 2 x 4 walls
- Quick rough-in, easy to secure in place
- Good airflow - no leaks
- Adapts to 4" Easy Air grille
- White plastic



SIZE	STOCK NO	EACH
4"	.4EAWF	5.35

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	11.28

Ceiling/Wall Fitting

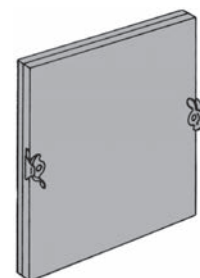
- Installation through sheet rock or ceiling tile
- Fits neatly in 2 x 4 walls
- Quick rough-in-easy to secure in place
- Good airflow - no leaks
- Adapts to 4" Easy Air grille
- White plastic



SIZE	STOCK NO	EACH
6"	.6EACWF	5.87

Insulated Duct Access Doors

- 1" fiberglass installation
- 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	11.55
8x8"	ADCD8X8	12.47
10x10"	ADCD10X10	14.89
12x12"	ADCD12X12	16.41
14x14"	ADCD14X14	19.91
16x16"	ADCD16X16	21.43
18x18"	ADCD18X18	27.05
20x20"	ADCD20X20	36.17
24x24"	ADCD24X24	37.85



HVAC Tapes and Adhesives



Heavy Duty, Professional Grade Co-Extruded Cloth Duct Tape

- Made using Polybonded CO-EX Technology
- 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	14.59
2" x 60 yd	Black	2BLDUTA657	14.59



Cold Temperature Aluminum Foil Tape

- 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	10.65
3" x 50 yd	2	3ADUTA	14.09



Cold Temperature Foil/Scrim/Kraft Tape

- Maximum-strength acrylic adhesive
- Superior stability during extreme fluctuations in temperatures
- 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	15.14



UL 181 A-P/B-FX Lister/Printed Aluminum Foil Tape

- Lined, 2 mil, dead-soft aluminum foil
- Excellent adhesion to rigid fiberglass ductboard and flexible air duct
- 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
2 1/2" x 60 yd	212AF099DUTA	17.27



HVAC UL 181B-FX Listed Printed Cloth Duct Tape

- Resistant to flame spread, smoke generation, mold growth, humidity and the effects of high temperatures
- 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	15.23
3" x 60 yd.	Silver	3FDUTA	22.46



UL 181B-FX Listed Printed Film Tape

- Quick stick, High-tack, cold temperature acrylic
- Excellent conformability to uneven surfaces
- 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	11.42
3" x 120 yd	Metallic	3ADUTA181	17.18



SPVC Line Set Tape

- UV-resistant, SPVC natural rubber adhesive
- Can be used in extensive temperature, moisture and humid conditions
- Standards: CID A-A-1689B, Type 1, Class 2

No. VP 410

SIZE	COLOR	STOCK NO	EACH
2" x 36 yd	White	2WLSTA	4.05
2" x 60 yd	Black	2BLSTA	6.64



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
- 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	25.06
3"x 100 ft	3SFDUTA	34.91



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	45.49



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	15.65

K-Flex Tape



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 1/8" x 30'	RE83041	11.39



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 1/8" x 30'	RE83040	22.72



Wireless Thermostats

FocusPRO Series



FocusPRO RedLINK System Kit

Includes Thermostat, Equipment Interface Module & Return Air Sensor.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
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FocusPRO 5000 • Non-Programmable
YTH5320R1000 3H/2C 2H/2C **362.49**

FocusPRO 6000 • 5-1-1 or 5-2 Day Programmable
YTH6320R1001 3H/2C 2H/2C **391.90**
* See your Salesperson for further discount.



FocusPRO RedLINK Thermostats

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
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FocusPRO 5000 • Non-Programmable
TH5320R1002 3H/2C 2H/2C **223.09**

FocusPRO 6000 • 5-1-1 or 5-2 Day Programmable
TH6320R1004 3H/2C 2H/2C **237.14**
* See your Salesperson for further discount.

Wireless Remotes

Portable Comfort Control

Acts as Portable Thermostat for use with RedLINK devices

STOCK NO	EACH
----------	------

REM5000R1001 **164.59**

* See your Salesperson for further discount.



Wireless Vent & Filter Boost

Wireless Ventilation Timer

STOCK NO	EACH
----------	------

HVC20A1000 **51.09**

* See your Salesperson for further discount.



Wireless Entry/Exit Remote

RedLINK™ One-Touch Temperature Control

STOCK NO	EACH
----------	------

REM1000R1003 **43.47**



VisionPRO Series



VisionPRO 8000 Kit

With TH8321R1001 & RedLINK™ Internet Gateway

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
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YTH8321R1002 3H/2C* 2H/2C* **362.19**

*Interface Module THM5421R1021 for more stages

* See your Salesperson for further discount.

VisionPRO 8000 Thermostats

Touchscreen with RedLINK technology

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
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TH8110R1008 1H/1C* 1H/1C* **258.56**

TH8321R1001 3H/2C* 2H/2C* **316.29**

*Interface Module THM5421R1021 for more stages

* See your Salesperson for further discount.



Cover Plates



MODEL	STOCK NO	EACH
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VisionPRO 800032003796001 **16.17**

FocusPRO 5000 & 6000 . . .50007298001 **63.62**

Thermostat Sensors



STOCK NO	EACH
----------	------

Outdoor Sensor
C7089U1006 **44.40**

Indoor Sensor
C7189U1005 **51.31**

* See your Salesperson for further discount.

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 **412.01**



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
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YTHX9421R5101WW 4H/2C 3H/2C **463.95**



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
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YTHX9421R5085WW 4H/2C 3H/2C **393.91**



Prestige 2-Wire IAQ Thermostat

Touchscreen with RedLINK technology

7 Day Programmable or Non-Programmable

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
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THX9421R5021WW 4H/2C 3H/2C **351.87**



Thermostats

RedLINK Accessories

Return Air Sensor

Mounts on Return Air for Back-up Control of non-zoned RedLink enabled thermostats.

STOCK NO	EACH
C7735A1000.....	35.71

* See your Salesperson for further discount.

FocusPRO Interface Module

Relocate thermostat or upgrade equipment without running new wires using this module and a wireless FocusPRO® thermostat

STOCK NO	EACH
THM5320R1000.....	199.93

* See your Salesperson for further discount.

RedLINK™ Internet Gateway

Internet Gateway connects RedLINK wireless thermostats to the Internet to provide remote control of RedLINK thermostats and accessories.

STOCK NO	EACH
THM6000R7001.....	103.11

* See your Salesperson for further discount.

Wireless Adapter

Use with RedLINK enabled thermostats and TrueZONE system

STOCK NO	EACH
THM4000R1000.....	88.17

* See your Salesperson for further discount.

RedLINK™ Remote Module

Eliminates wiring to thermostat

STOCK NO	EACH
ERM5220R1018.....	174.86

* See your Salesperson for further discount.

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.....	22.84

* See your Salesperson for further discount.

Wireless Outdoor Sensor

Senses Outdoor Temperature & Humidity

STOCK NO	EACH
C7089R1013.....	94.19

* See your Salesperson for further discount.

Wireless Indoor Sensor

Senses Indoor Temperature & Humidity

STOCK NO	EACH
C7189R1004.....	71.27

* See your Salesperson for further discount.

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.....	106.73

Includes 2 Duct Sensors

STOCK NO	EACH
YTHM5421R1010.....	119.59

* See your Salesperson for further discount.

Pro Series

PRO 1000 Digital Thermostats

Non-Programmable. Battery or Hardwire.

DESCRIPTION	STOCK NO	EACH
Heat ONLY 35-85°F	TH1100DV1000	40.70
Heat & Cool	TH1110DV1009	41.56

* See your Salesperson for further discount.



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	30.44
Non-Programmable			
TH1320U4002	3H/2C	2H/2C	59.39

* See your Salesperson for further discount.



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	39.43
Programmable 5-1-1 Day, 5-2 Day, 7 Day, or 1 Week			
TH2320U4006	3H/2C	2H/2C	58.64

* See your Salesperson for further discount.



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	75.89
Programmable 5-1-1 Day, 5-2 Day, 7 Day, or 1 Week			
TH2320WF4010	3H/2C	2H/2C	93.83

* See your Salesperson for further discount.



Mercury FREE



The Round® Thermostats

Electronic switch, 40° to 90°. 5-Year Warranty.

DESCRIPTION	STOCK NO	EACH
Heat ONLY	T87K1007	41.95
Heat & Cool	T87N1000	61.40



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	76.85



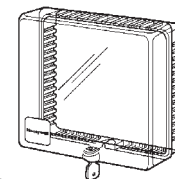
Garage Thermostat

Single Stage • 35° - 85° Range

DESCRIPTION	STOCK NO	EACH
Heat ONLY	T822K1042	51.97

* See your Salesperson for further discount.

Subbases



Universal Thermostat Guard

This thermostat guards enclose and protect wall thermostats against tampering, damage and unauthorized thermostat adjustments

SIZE	STOCK NO	EACH
Medium	TG511A1000	37.68

* See your Salesperson for further discount.



Thermostats

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	282.14

* See your Salesperson for further discount.



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	297.93

* See your Salesperson for further discount.



Lyric T6 Pro Wi-Fi Thermostats

Wired in/outdoor sensors. Includes Ventilation 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	132.77
TH6320WF2003	3H/2C	2H/2C	Yes	178.74



T-Series Thermostats

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	91.34
TH6220U2000	2H/1C	2H/2C	Yes	123.31
TH6320U2008	3H/2C	2H/2C	Yes	139.30

* See your Salesperson for further discount.



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	138.86

* See your Salesperson for further discount.





Thermostats
Pro1 Thermostats

Pro1 T751i Universal Wi-Fi Thermostat
Programmable Through App, Hardwire Only.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
T751I	4H/2C	2H/2C	100.83



Pro1 T755WHO Wireless
Universal Thermostat

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	145.05



Pro1 Wireless Remote Sensors

Accessory for the T755WHO

STOCK NO	EACH
R751WO.....	62.18
(Outdoor)	
R250W.....	62.18



Pro1 T701i Wi-Fi Thermostat

Programmable Through App, Hardwire Only.

STOCK NO	CONVENTIONAL	EACH
T701I	1H/1C	80.07



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	135.30



Pro1 800 Series Thermostats

T-805 • 7 Day - 5/1/1 Programmable, Battery or Hardwire.

STOCK NO	CONVENTIONAL	EACH
PD411064	1H/1C	75.62



T-855 • 7 Day - 5/1/1 Programmable, Battery or Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
PD411065	3H/2C	2H/2C	86.63

Pro1 700 Series Thermostats

T-701 • Non-Programmable, Battery or Hardwire.

STOCK NO	CONVENTIONAL	EACH
PD411060	1H/1C	36.10



T-705 • 7 Day - 5/1/1 Programmable, Battery or Hardwire.

STOCK NO	CONVENTIONAL	EACH
PD411061	1H/1C	41.96



T-721 • Non-Programmable, Battery or Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
T721	2H/1C	1H/1C	48.33

T-755 • 7 Day - 5/1/1 or Non-Programmable, Battery or Hardwire.

STOCK NO	HEAT PUMP	CONVENTIONAL	EACH
PD411085	3H/2C	2H/2C	73.35

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	91.94



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	73.35

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	35.33



Pro1 Remote Outdoor Sensor

For use with T-55S (PD411097)

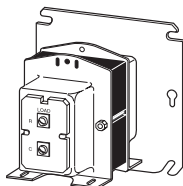
STOCK NO	EACH
PD411098.....	27.34





Warm Air Controls

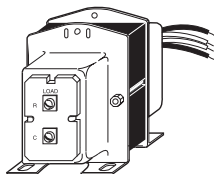
Transformers



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.

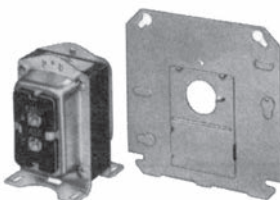
STOCK NO	EACH
AT72D1683.....	42.66



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.....	56.63



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 the 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.....	65.18



AT140A1000 General Purpose Transformer

40 VA, Universal Mount (foot, plate, clamp) 120 Vac transformer.

STOCK NO	EACH
AT140A1000.....	23.24



Fan and Limit Controller

125°F fan on & 100°F fan off stops, 200°F high limit and 11-1/2" insertion.

INSERTION	STOCK NO	EACH
11 1/2".....	L4064B2210	142.37
5".....	L4064B2228	137.05

Universal Integrated Furnace Control

STOCK NO	EACH
S9200U1000.....	152.67

Electronic Timer

STOCK NO	EACH
ST9120U1011.....	174.84

Carbon Monoxide Detectors



Carbon Monoxide Detector

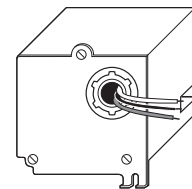
Detector, Controller & Transducer

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

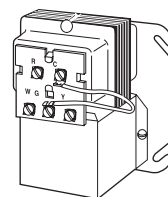
STOCK NO	EACH
CM6.....	516.60



Fan Relays

Provides control of line voltage fan motors and auxiliary circuits in heating, cooling or heating-cooling system.

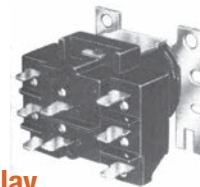
STOCK NO	EACH
R8225A1017.....	82.62



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	62.54
DPDT.....	R8239B1076	88.04



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.

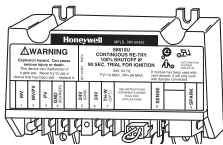
VOLTAGE	STOCK NO	EACH
24v.....	R8222D1014	23.54



Gas Burner Controls

Universal Intermittent Pilot Module

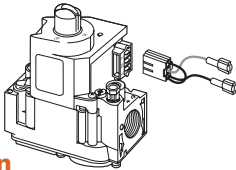
Field service replacement for most Honeywell, Robert Shaw, Johnson and UTEC(HSC) intermittent pilot ignition modules. 100 percent pilot gas shut-off and lockout on loss of pilot flame. Includes remote reset and automatic vent damper plug. For use in systems with combination igniter-sensor(single rod or sense) or separate igniter and sensor (dual rod or remote sense). Natural or LP gas.



STOCK NO	EACH
S8610U3009	128.17

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	152.96

VR8300 Combination Gas Controls

Single Stage, Standard Opening, Standing Pilot Gas Valve 3/4" x 3/4" • Set 3.5" WC 30-300 CFH



STOCK NO	EACH
VR8300M4406	166.59

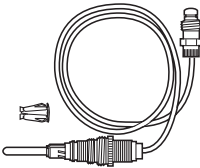
Q314A4586 Pilot Burner

Non-primary aerated, insert orifice-type pilot burner.



STOCK NO	EACH
Q314A4586	43.27

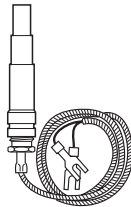
Honeywell Q340A Universal 30 mV Thermocouples



LENGTH	STOCK NO	EACH
18"	Q340A1066	10.39
24"	Q340A1074	10.85
30"	Q340A1082	11.47
36"	Q340A1090	11.88

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	73.74
35"	Q313A1139	63.26

Honeywell Glowfly™ Universal Hot Surface Igniter



OEM quality. Three year warranty.

DESCRIPTION	STOCK NO	EACH
Single	Q3200U1004	48.12
6 Pack	Q3200U2002	276.99

Pilot Tubing Kit

with fittings

SIZE	STOCK NO	EACH
1/4" OD x 5'	803008	12.90

181SP Nut with Breakaway Sleeve



STOCK NO	EACH
14ALN	1.40

Gas Line Labels

Roll of 250

STOCK NO	EACH
DJV5751	38.19

Motor-Mate Universal Capacitor

STOCK NO	EACH
MMUNICAP	49.61

Direct Ignition Gas Valve Replacement

24v, Single Stage. 1/2" x 1/2" Set 3.5"

OPENING	STOCK NO	EACH
Slow	VR8215T1502	89.78
Standard	VR8215S1503	89.78



Gas Pressure Regulators



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

PRESSURE DROP			
SIZE	.64 SP GR GAS IN CFH	STOCK NO	EACH
Vent not available			
1/2"	204	123253445PSI	37.21
1/2"	476	123255A5PSI	70.58
3/4"	583	343255A5PSI	75.28
1"	673	13255A5PSI	75.28

325 Series 10 P.S.I. Specifications		
Model	Individual Load	Combined Load
325344 (1/2")	100 CFH	150 CFH
3255A (1/2")	325 CFH	325 CFH
3255A (3/4")	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	3/8"	383253	24.90
	1/2"	123253	24.90
325-5L	1/2"	123255	60.06
	3/4"	343255	56.19
	1"	13255	60.06

Without Vent Limiter			
325-7AL	1 1/4"	1143257AL	144.28
	1 1/2"	1123257AL	144.28
325-9L	1 1/2"	1123259L	323.45
	2"	23259L	345.01

325 Series 2 P.S.I. Specifications			
Model	Individual Load	Combined Load	For use with Vent Limiter
325-3L (3/8", 1/2")	140 CFH	250 CFH	12A09 Included
325-5L (1/2")	425 CFH	500 CFH	12A39 Included
325-5L (3/4", 1")	425 CFH	600 CFH	12A39 Included
325-7AL (1 1/4", 1 1/2")	1250 CFH	1250 CFH	12A49
325-9L (1 1/2", 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

- 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.

MODEL	SIZE	STOCK NO	EACH
With Vent Limiters			
325-3L48	1/2"	123253L48	59.85
325-5L48	1/2"	123255L48	89.65
	3/4"	343255L48	95.63
325-5L600	3/4"	343255L600	190.83
	1"	13255L600	190.83

325 Series 5 psi Specifications		
Model	Total Load	Vent Limiter
325-3L48 (1/2")	200 CFH	2 - 12A09 Included
325-5L48 (1/2")	235 CFH	12A09 & 12A39 Included
325-5L48 (3/4")	320 CFH	12A09 & 12A39 Included
325-5L600 (3/4")	425 CFH	12A09 & 12A39 Included
325-5L600 (1")	465 CFH	12A09 & 12A39 Included

Lever Acting Design

- 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.

MODEL	SIZE	STOCK NO	EACH
Without Vent Limiter			
325-7AL210D	1 1/4"	1143257L210D	522.86
	1 1/2"	1123257L210D	522.86
325-9L210E	1 1/2"	1123259LOPD	1201.45
	2"	23259LOPD	1281.55

325 Series 5 psi Specifications		
Model	Total Load	For use with Vent Limiter
325-7AL210D (1 1/4")	900 CFH	12A39
325-7AL210D (1 1/2")	900 CFH	12A49
325-9L210E (1 1/2", 2")	2250 CFH	12A49

Vent Limiters

For use with models:

325-7AL210D, 325-9L210E, 325-7AL, & 325-9L		
SIZE	STOCK NO	PRICE
3/8" NPT	12A39	30.19
1/2" NPT	12A49	157.32



Maxicap Regulator Weather Guard

Prevents freeze-ups, keeps vent passages free of insects and debris.



STOCK NO	PRICE
MAMC3	9.07
MAMC5	10.35

Vent Protectors

Use on vent opening to protect breather hole from rain, snow, foreign particles and insects.

Minnesota Code Requirement

SIZE	STOCK NO	EACH
1/8" NPT	13A3050	19.55
3/8" NPT	13A3150	28.60



Vent Limiter

ESCAPEMENT RATE	SIZE	STOCK NO	EACH
1.55 CFH	1/8" NPT	12A04	12.32
1.0 CFH	1/8" NPT	12A09	12.67



Gas Test Gauges

Black pipe gas line test gauge.

MODEL/SIZE	PSI	STOCK NO	PRICE
TG-30-12 - 1/2"	0-30	12GASTEST	11.00
17714 - 1/2"	0-100	BR17714	13.21



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 PSIG certified

- 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
1/2"	12PF400SVLF	30.63

CAPACITY FOR MULTI-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
	7" W.C.	350	400
	10" W.C.	350	400
	14" W.C.	350	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
- 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
1/2"	12F310511BS	47.19
3/4"	34F310522BS	67.81

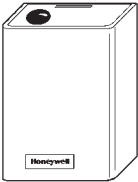
Capacity in cfm for .60 Specific gravity gas with filter			
Outlet Pressure Set Point	Inlet 14" W.C.	Inlet 1 PSIG	Inlet 2 PSIG
31051 1/2"	8" W.C.	386	552
	11" W.C.	218	511
31052 3/4"	8" W.C.	369	665
	11" W.C.	363	616



Hydronic Controls

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			83.75



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			77.65

Taco Zone Controls

Next Generation Zone Valve Control

STOCK NO		EACH
TAZVC4035		127.14
TAZVC4045		148.11
TAZVC4065		201.60

TACO EXP Zone Valve Specifications					
Product Number	No. Zones	Pwrprt Slots	PwrCntrl Plugs	Transformer Rating	Transformer Voltage Input
ZVC403-5	3	2	1	40 VA	120 VAC
ZVC404-5	4	2	1	40 VA	120 VAC
ZVC406-6	6	2	1	75 VA	120 VAC

Taco Switching Relay Pump Controls

With Priority		
ZONES		STOCK NO EACH
1	TASR501	68.01
2	TASR5025	156.71
3	TASR5035	167.19

EXP Switching Relay Pump Controls with PowerPort Option

STOCK NO		EACH
TASR5045		206.43
TASR5065		250.53



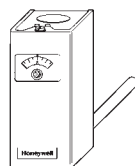
Hydronic Controls

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.....	153.67



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.....	153.11



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.....	164.33



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.....	161.45

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.....	145.14

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.

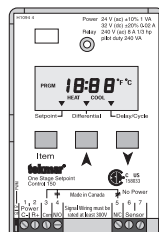
STOCK NO	EACH
L6008A1192.....	262.09

Tekmar Controls

One Stage Setpoint Control 150

Digital display and a remote sensor. Wide setpoint range, accurate to within $\pm 0.5^\circ\text{F}$. Ideal for slow responding systems. Heating or cooling systems controlled through the SPDT output relay. 24V Class 2 power supply.

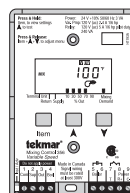
STOCK NO	EACH
TE150.....	236.63



2-Stage Setpoint 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.....	268.24



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.....	334.10

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.....	232.30



L8124G1020 Triple Aquastat Relay

Immersion-type controller combines high limit protection with low limit and circulator control.

STOCK NO	EACH
L8124G1020.....	353.49



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.

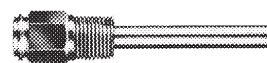
STOCK NO	EACH
L8148A1017.....	240.04

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.....	301.08

Immersion Wells



STOCK NO	EACH
HO121371A.....	41.81
HO121371B.....	47.60
HO121371L.....	55.56
HO121371M.....	62.72
HO123871A.....	59.36



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	235.33

Transformer Kit
24 Volt
Includes Mounting Box



STOCK NO	EACH
TE009K	117.22

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	107.72
1stage heat air & slab w/sensor.	TE519	123.37

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	192.91
2 Stage Heat, 1 Stage Cool, Fan	TE562	252.88

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 energy savings.



CONNECTIONS	STOCK NO	EACH
Up to 1 Thermostat	TE301P	72.05
Up to 3 Thermostats.	TE303P	176.08
Up to 4 Thermostats.	TE304P	219.03
Up to 6 Thermostats.	TE306P	282.49

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 energy savings.



CONNECTIONS	STOCK NO	EACH
Up to 3 Thermostats.	TE303V	134.57
Up to 4 Thermostats.	TE304V	165.10
Up to 6 Thermostats.	TE306V	205.66



Hydronic Controls

Boiler Controls

Two Stage Boiler Control 261

Designed to control two separate on/off boiler stages (or one low/high fire) in order to provide outdoor reset or setpoint operation.

STOCK NO	EACH
TE261	505.76



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	1091.46



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	755.46



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	597.90



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	1855.87



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	1008.42



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	55.76
120 V	TE004	56.63

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	143.12



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	46.98



Outdoor Sensor 070

Designed to provide accurate sensing of the outdoor temp. for display and control operation.

STOCK NO	EACH
TE070	38.20



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	173.85



Slab Sensors

Commonly used for supply/return water temp. Dimensions - 3/8" X 3/4", -60 to 255° F
10K NTC thermistor 10kΩ @ 77° F

WIRE SIZE	STOCK NO	EACH
1'	TE071	32.05

Used for snow melting slabs
Dimensions 1/2" X 2". -60 to 140° F
NTC thermistor 10kΩ @ 77° F.

WIRE SIZE	STOCK NO	EACH
20'	TE072	97.90

Commonly used for in floor heating applications
Dimensions 3/16" X 1 1/2". -58 to 140° F
NTC thermistor 10kΩ @ 77° F.

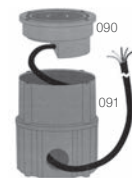
WIRE SIZE	STOCK NO	EACH
10'	TE079	35.56

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	680.51

STOCK NO	EACH
TE091	307.04





Heating Specialties

Apollo Valves

3-Way Mixing/Diverting Valve

85° to 140° F.

SIZE	STOCK NO	EACH
3/4".....	34A214S	226.75
1".....	34A215S	249.87



3-Way Mixing Valves

120° to 180° F • Sweat/NPT • Lead Free

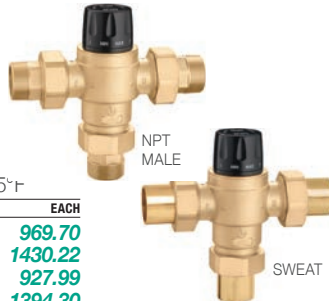
SIZE	STOCK NO	EACH
3/4" Sweat.....	34ALF214HS	255.55
1" Sweat.....	34ALF215HS	274.84
1" NPT.....	34ALF215HT	274.84

Caleffi Valves

5231 Series High Flow Thermostatic Mixing Valve

ASSE 1017
200 psi Maximum Pressure
Ranges: 95° to 150°F • Max inlet temp: 195°F

CONNECTORS	MIN FLOW (GPM)	STOCK NO	EACH
1 1/4" NPT	4.4	CA523170A	969.70
1 1/2" NPT	8.8	CA523180A	1430.22
1 1/4" SWT	4.4	CA523178A	927.99
1 1/2" SWT	8.8	CA523188A	1394.30



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
3/4" Press	0.5	CA520516A	181.32



521 MixCal™ Body & 521 AngleMix™ Body

ASSE 1017 • See fitting options below

TYPE	CONNECTORS	STOCK NO	EACH
521	1" Male Union Thread	CA521101A	108.33
520 Angle	1" Male Union Thread	CA520051A	108.33
3/4" Connection for Zone & Mixing Valve Bodies			
3/4" MNPT, 1" Nut, Washer		CANA20650	15.49
3/4" Press, 1" Nut, Washer		CANA20656	15.55
3/4" PEX Crimp, 1" Nut, Washer		CANA20657	13.29
3/4" PEX Expansion, 1" Nut, Washer		CANA20658	13.29
3/4" Sweat, 1" Nut, Washer		CANA20659	13.29
1" Connection for Zone & Mixing Valve Bodies			
1" MNPT, 1" Nut, Washer		CANA20660	25.67
1" Press, 1" Nut, Washer		CANA20666	27.07
1" PEX Crimp, 1" Nut, Washer		CANA20667	23.17
1" PEX Expansion, 1" Nut, Washer		CANA20668	23.17
1" Sweat, 1" Nut, Washer		CANA20669	23.17
Optional Guage			
1" Angle Thread		CANA10358	27.74



Fittings sold in Qty. of 1, NEED 3 to complete Mixing Valve

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	292.78
20	1"	LB3120H	347.43
30	1"	LB3130H	458.80
40	1"	LB3140H	468.58
50	1"	LB3150H	523.93
60	1"	LB3160H	593.18
80	1"	LB3180H	744.72
100	1"	LB31100H	873.66
40	2.5"	LC11040	1522.97
60	2.5"	LC11060	1892.58
80	2.5"	LC11080	2315.63

Bracket for LC110 Series

STOCK NO	EACH
MNTLC.....	256.50



Circulator Pumps

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	575.70
For domestic hot water recirculation systems				
106197LF	BRZ	STD	BGB100	1010.20
102213LF	BRZ	HV	BGBHV	1738.53



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	140.83
103400	3	STD	BGNRF36	390.68
103404	3	HV	BGNRF45	451.97



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	427.09
103351LF	1	STD	BGNBF33	482.32
103255LF	1	UNION	BGNBF22U	407.16





Circulator Pumps

PL Series Circulator Pumps

Permanent Lubricated Bearings • Dry Rotor • 115v

MODEL NO.	SPEED	FLANGE	STOCK NO	EACH
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For heating systems. Small to medium applications

1BL012	1	STD C.I.	BGPL30	396.38
1BL001	1	STD C.I.	BGPL36	401.65
1BL032	1	STD C.I.	BGPL55	745.78

For domestic hot water recirculation systems

1BL004LF	1	HV BRZ	BGPL45B	793.81
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Stainless Steel Circulator Pump Flanges

Standard & HV Flanges are interchangeable with all manufactures.

SIZE	FLANGE	STOCK NO	PAIR
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CAST IRON

3/4"	STD	BG101201	27.33
1"	STD	BG101202	27.33
1 1/4"	STD	BG101203	27.33
1 1/2"	STD	BG101204	27.33
1 1/2"	HV	BG101207	27.33
2"	SPC	BG101215	146.34

Stainless Steel FOR BRONZE

3/4"	STD	BG101501LF	47.27
1"	STD	BG101502LF	47.27
1 1/4"	STD	BG101503LF	49.54
1 1/2"	STD	BG101504LF	47.27



"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	142.74
009-F5	C.I.	STD	TA009F	365.39
0011-F4	C.I.	STD	TA0011F	330.61



"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	422.96
0015MSF3IFC	C.I.	STD	TA0015MSF3IFC	141.75



"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	290.58
007-ZF5-3IFC	C.I.	STD	TA007ZF53IFC	310.15



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	289.44
00118e-2F4	VAR.	UNIV	TA0018E2F4	274.96



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	185.56



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	420.33



"0034e" & "0034ePlus" Series EXM High-Efficiency 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 to equivalent AC permanent split capacitor circulators

MODEL NO.	TYPE	FLANGE	STOCK NO	EACH
VM3450-HY1-FC2A00	C.I.	STD	0034EF2	674.88
VR3450-HY1-FC2A00	C.I.	STD	0034EPF2	837.43



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 1/2" MNPT, 4" x 4 7/16" x 1 3/4" x 2 1/2"

MODEL NO.	SPEED	CONNECTIONS	STOCK NO	EACH
HLPe-1	1440-3720RPM	3/4" NPT M/F Unions included	TAHLPE1	399.46



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	196.25





Circulator Pumps

Grundfos UP Series

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	152.80
52722512	STD	3	115	UPS2699FC	416.71
52722513	STD	3	230	UPS2699FC230V	482.35
52722514	HV	3	115	UPS4344FC	573.44
95906636	HV	3	115	UPS43100F	507.12
96439643	HV	1	115/208-230	UP43110F	2013.65



Grundfos UP Series

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
52722518	STD	3	115	UPS2699SFC	807.15
95906632	STD	3	115	UPS26150SF	978.07
95906638	HV	3	115	UPS43100SF	777.04



Comfort Valves

1/2" NPT - 15 pcs.

MODEL #	STOCK NO	EACH
595926	GR595926	93.88



Grundfos UPSe 15-58 F

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	175.60



Grundfos Alpha 15-58 F

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	287.22



COMFORT 10-16 TDT BU/LC

BRONZE Domestic Recirculating Pumps. 1 x 115-230 V

MODEL	CONNECTION	LINE CORD	STOCK NO	EACH
Auto Adapt				
93094713	1 1/4" NPSM	Yes	COMFORT1016TDTBULC	363.67



Grundfos "Magna 3" Series

ECM Variable Speed. Single Phase. 115v

CAST IRON

MODEL	FLG	SPEED	HP	STOCK NO	EACH
98126800	HV 1 1/2"	VAR.	1/3	MAGNA34080	2089.72
98126804	HV 1 1/2"	VAR.	1/2	MAGNA340120	2438.01
98126808	HV 1 1/2"	VAR.	3/4	MAGNA340180	3551.34
98126816	SPC 2"	VAR.	3/4	MAGNA350150	3478.31
98124696	SPC 2"	VAR.	1	MAGNA365120	3880.91



Grundfos Alpha 15-55 SF/T

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	617.41



WILO Star Residential

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	384.63
Star S 21RFC	STD	3 Speed	115/1	WIS21RFC	100.70
Star 32F	STD	Single	115/1	WI32F	261.83
Star S 33 FC	STD	3 Speed	115/1	WIS33FC	259.66



Grundfos UPSe 26

UPSe 26 is a high-efficiency ECM circulator designed for hydronic HVAC systems in large residential and light commercial buildings. It features multiple control modes and external 0-10 V and PWM input. Multiple control modes: proportional pressure, constant pressure and constant curve

FCC, cULus • Check Valve Included

MODEL	PUMP HOUSING	MAX	VOLT	FLANGE	STOCK NO	EACH
93262074	Cast Iron	110 W	115	2-bolt	UPSE2699F	510.88
93369868	Cast Iron	200 W	115	2-bolt	UPSE26150F	648.39



Grundfos Alpha 26-150 F

ALPHA 26 is a high-efficiency ECM circulator designed for hydronic HVAC systems in large residential and light commercial buildings. It features Bluetooth connectivity and Grundfos GO app integration. AUTOADAPT and constant flow control mode

FCC, NOM, NYCE, cULus • Check Valve Included

MODEL	PUMP HOUSING	MAX	VOLT	FLANGE	STOCK NO	EACH
93370657	Cast Iron	200 W	115	2-bolt	ALPHA26150F	750.42





Zone Valves & Air Chargers

Hydronic Zone Valves

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
3/4"	18" Leads	No	V8043A5029	92.49
1/2"	18" Leads	SPST	V8043E5004	109.54
3/4"	18" Leads	SPST	V8043E5012	115.48
1"	18" Leads	SPST	V8043E5020	130.36
*3/4"	18" Leads	SPST	V8043E5061	117.18
*1"	18" Leads	SPST	V8043E5079	131.63
3/4"	Terminal Block	SPST	V8043F5036	126.88
1"	Terminal Block	SPST	V8043F5051	141.27

*8CV rating

Models	
V8043A	Leadwires
V8043E	Leadwires & End Switch
V8043F	Terminal Board & End Switch

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
3/4"	18" Leads	Yes	V8043E1012	106.80
1"	18" Leads	No	V8043A1037	133.82
*1"	Terminal Block	Yes	V8043F1101	137.96

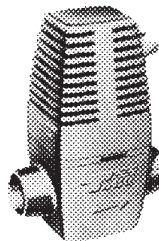
24-volt valves with ProPress connections.

PIPE SIZE	ELECTRICAL CONNECTIONS	END SWITCH	STOCK NO	EACH
1/2"	18" Leads	Yes	V8043E1411	137.03
3/4"	18" Leads	Yes	V8043E1412	138.35
1/2"	18" Leads	No	V8043A1311	134.82
3/4"	18" Leads	No	V8043A1312	116.45

*8CV rating

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
3/4"	TA571	148.65
1"	TA572	179.71

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	293.58



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
3/4"	TAZ075C21	129.39
1"	TAZ100C21	148.61



Caleffi

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
1/2" PRESS	CAZ44P	163.94
3/4" PRESS	CAZ45P	166.26
1" PRESS	CAZ46P	188.27
Replacement Actuator	CAZ111000	84.00





Danfoss Zone Valves

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.

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	59.05



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	179.30



013G8562

Wall mount operator with combined remote-mounted sensor and dial. 6' cap. tube.

STOCK NO	EACH
RA013G8562	118.09



RA013G8070

Adapters from Old Series RA Operators to new Series RA2000 Operators.

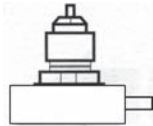
STOCK NO	EACH
RA013G8070	76.04



RA013G8072

Adapters from Old Series RAV Operators to new Series RA2000 Operators.

STOCK NO	EACH
RA013G8072	76.04



Side Mount Angle Body



Angle Body



Straight Body



Type RA2000
Hot Water/Two Pipe Low Pressure Steam

DESCRIPTION	STOCK NO	EACH
1/2" NPT Angle Valve Body	RA013G8014	54.31
1/2" NPT Straight Valve Body	RA013G8015	54.31
3/4" NPT Side Mount Angle Valve Body	RA013G8018	61.91
3/4" NPT Angle Valve Body	RA013G8019	61.91
3/4" NPT Straight Valve Body	RA013G8020	61.91
1" NPT Angle Valve Body	RA013G8024	88.00
1" NPT Straight Valve Body	RA013G8025	88.00
1 1/4" NPT Angle Valve Body	RA013G8031	150.99
1 1/4" NPT Straight Valve Body	RA013G8032	150.99

One Pipe Low Pressure Steam

With vacuum breaker (Also requires a #41 Hoffman air Vent)

SIZE	STOCK NO	EACH
1/2" NPT	RA013G0140	106.46

Hot Water Valve

Solder Union Straight VB

SIZE	STOCK NO	EACH
3/4"	RA013G8044	83.64



Webstone Hydronic Accessories

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	40.87
1 1/2" thru 2"	WE13706HV	51.11

Rotating Isolation Flanges

Press Connect • High Velocity



SIZE	FLANGE	STOCK NO	EACH
3/4"	HV	WE81403HV	40.92
1"	HV	WE81404HV	49.10
1 1/4"	HV	WE81405HV	61.37
1 1/2"	HV	WE81406HV	76.72
2"	HV	WE81407HV	115.10

Rotating Isolation Flanges

Press Connect • High Velocity with Multi-Function Drain



SIZE	FLANGE	STOCK NO	EACH
3/4"	HV	WE81413HV	57.30
1"	HV	WE81414HV	69.88
1 1/4"	HV	WE81415HV	87.37
1 1/2"	HV	WE81416HV	109.20
2"	HV	WE81417HV	163.78

Purge and Fill Valve



SIZE	STOCK NO	EACH
IPS		
3/4"	WE48613	58.45
1"	WE48614	73.06
1 1/4"	WE48615	91.28
Sweat		
3/4"	WE58613	58.45
1"	WE58614	73.06
1 1/4"	WE58615	91.28
Press		
3/4"	WE88613	64.94
1"	WE88614	81.18
1 1/4"	WE88615	101.43

Loop Purge Tee



SIZE	STOCK NO	EACH
Press		
1" x 3/4"	WE88643	99.70
1" x 1"	WE88644	110.74
1 1/4" x 1 1/4"	WE88655	201.38

Rotating Isolation Flanges



SIZE	FLANGE	STOCK NO	EACH
Flange X Sweat • LEAD FREE			
3/4"	STD	WE51403	46.04
1"	STD	WE51404	55.23
1 1/4"	STD	WE51405	69.04
1 1/2"	STD	WE51406	86.32

Flange X IPS • LEAD FREE

SIZE	FLANGE	STOCK NO	EACH
3/4"	STD	WE41403	46.04
1"	STD	WE41404	55.23
1 1/4"	STD	WE41405	69.04
1 1/2"	STD	WE41406	86.32

High Velocity Rotating Isolation Flanges

SIZE	STOCK NO	EACH
Flange X Sweat • LEAD FREE		
1 1/4"	WE51405HV	69.04
1 1/2"	WE51406HV	86.32
2"	WE51407HV	129.47

SIZE	FLANGE	STOCK NO	EACH
Flange X IPS • LEAD FREE			
1 1/4"	HV	WE41405HV	69.04
1 1/2"	HV	WE41406HV	86.32

Full Port Ball Drain



SIZE	STOCK NO	EACH
Press Connect • High Flow Hose Drain • LEAD FREE		
1/2"	WE80612W	39.38
3/4"	WE80613W	52.50
1"	WE80614W	83.99
1 1/4"	WE80615W	134.41
1 1/2"	WE80616W	188.16

Full Port Ball Valve

IPS • High Flow Hose Drain and adjustable packing gland



SIZE	STOCK NO	EACH
1 1/2"	WE40616	98.81
2"	WE40617	148.19

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	35.87

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	64.44
1"	STD	WE51414	78.65
1 1/4"	STD	WE51415	98.27
*1 1/2"	HV	WE51416HV	98.27
1 1/2"	HV	WE51416WHV	122.87
2"	HV	WE51417HV	184.29

* Contains Lead

Isolator Flanges

Isolator Valve



LESS Check • For UP4375 & UPS40 HV Pumps

SIZE	FLANGE	STOCK NO	EACH
Flange X IPS			
2"	HV	WE40407HV	103.56

Full Face Gasket

STOCK NO	EACH
WEG40403	.76

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	131.75
2"	WE40617W	197.57

Purge Valves

Full port forged brass ball valves.

600WOG / 125WSPT • LEAD FREE



SIZE	STOCK NO	EACH
Sweat		
1/2"	WE50612	29.40
3/4"	WE50613	42.01
1"	WE50614	58.78
IPS		
3/4"	WE40613	42.01
1"	WE40614	58.78
1 1/4"	WE40615	94.11



Hydronic Accessories

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	135.18
15	12x30"	15EXTA	163.27
18	12x36"	18EXTA	175.84
24	12x48"	24EXTA	197.67
75 P.S.I.G. Working Pressing			
With gauge glass 1/2" tappings			
30	12x60"	30EXTAG	240.06
40	14x60"	40EXTAG	271.05
66	18x60"	66EXTAG	352.27
82	20x60"	82EXTAG	399.21



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
1/2"	1.0	AM15	47.21
1/2"	2.5	AM30	56.18
1/2"	2.5	AM60	114.02
1"	11.3	AMSX30	234.33
1"	11.3	AMSX40V	255.27
1"	11.3	AMSX60	359.01
1 1/4"	34.0	AMSX90	640.11
1 1/4"	46.0	AMSX160V	809.13

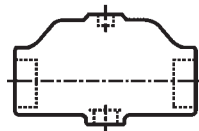


Extrol Pro Compression Tanks

- 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
1/2"	1.0	AMEX15PRO	59.97
1/2"	2.7	AMEX30PRO	71.74

Air Purgers



Amtrol Air Purgers

SIZE	STOCK NO	EACH
1"	AM443	30.33
1 1/4"	AM444	30.33
1 1/2"	AM445	68.21
2"	AM446	75.51



Amtrol Air Vent

Float vent: up to 150 PSI

PIPE SIZE	STOCK NO	EACH
1/8" MPS	AM700C	13.70

Caleffi 132 Series QuickSetter Balancing Valves



With Flow Meter

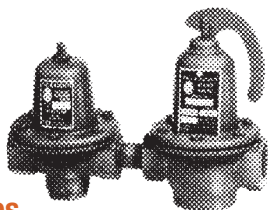
- Max. Working Pressure: 150psi
- Working Temperature Range: 14—230°F
- Max. % of Glycol: 50%

SIZE	FLOW RATE(GPM)	STOCK NO	EACH
SWEAT CONNECTIONS			
1/2"	0.5-1.75	CA132439	196.95
1/2"	2.0-7.0	CA132459	196.95
3/4"	2.0-7.0	CA132559	205.49
1"	2.0-7.0	CA132659	226.83



Hydronic Accessories

Combination Relief & Reducing Valves



Dual Unit Valves

Reducing Valve Set at 12 PSIG
Relief Valve Set at 30 PSIG

SIZE	BODY	STOCK NO	EACH
Relief and reducing			
1/2" NPT	Iron	BG128	149.34
Reducing only			
1/2" NPT	Brass	BG12B38	88.54
1/2" NPT	Brass	BG12FB38	93.85
3/4" NPT	Brass	BG34B712	132.82

Pressure Reducing Valves

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.		
1/2"	WA12U5B	739.46
3/4"	WA34U5B	673.55
1"	WA1U5B	1315.89
1 1/4"	WA114U5B	3105.77
1 1/2"	WA112U5B	3014.01
2"	WA2U5B	3441.27
U5BLP - Reduced Range 10-35 lbs.		
1/2"	WA12U5BLP	803.68
3/4"	WA34U5BLP	927.62

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
1/2"	WA1225AUB	184.32
3/4"	WA3425AUB	187.35
1"	WA125AUB	272.60
1 1/4"	WA11425AUB	488.82
1 1/2"	WA11225AUB	734.17
2"	WA225AUB	883.84

Apollo Pressure Reducing Valve With Fast Fill



SIZE	PSI	STOCK NO	EACH
Swt Union x Thread			
1/2"	10-25	AP3570301	133.06
NPT x NPT - No Union			
1/2"	10-25	AP3560301	123.09

Apollo Backflow Preventer & Pressure Reducing Valve



PIPE SIZE	STOCK NO	EACH
1/2"	AP356H3BF	258.57

AutoFill Filling Valve

Max. Working Pressure: 230psi
Working Temperature Range: 150°F
Pressure Setting Range: 3-60psi

1/2" NPT Male x 1/2" NPT Female		
SIZE	STOCK NO	EACH
1/2"	CA553542A	90.37



Relief Valves

No 10-407 Conbraco ASME Side Outlet Relief Valve

Pressure Range: 30 PSI

NO	SIZE	STOCK NO	EACH
10-407	3/4"	34REVA30	26.36



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
3/4"	Bronze	WA34335	27.06



Apollo Pressure Relief Valves



ASME rated

SIZE	RELIEF CAP"Y MBH	STOCK NO	EACH
30 PSI rating			
3/4" x 1"	827	AP1060405	129.15
1" x 1"	1339	AP1060505	220.47
1 1/2" x 2"	3696	AP1061705	564.81
50 PSI rating			
3/4" x 3/4"	1209	AP1060410	129.15
1" x 1"	1956	AP1060510	220.47

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
1/2" Press.	CA573016A	182.48



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.

Maximum inlet pressure, 150 psi.

DESCRIPTION	STOCK NO	EACH
1/2" NPT x 1/2" Union Sweat	TA3450	115.02





Hydronic Accessories

Boiler Trim Kit

- (1) Caleffi DISCAL® air separator: 1" press connection
- (1) Backflow preventer: 1/2" 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	424.21

B&G Air Vents

Air Vent

Automatic air vents are designed 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	1/8" F	BG7	77.92
No.67	35 PSI	1/8" M	BG67	45.45

Spirovent

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	411.75
1 1/4"	15	VDX125FT	474.25
1 1/2"	30	VDX150FT	622.82
2"	40	VDX200FT	817.63
FLANGED ASME			
2"	60	VDX200FA	3523.43
2 1/2"	90	VDX250FA	3527.43
3"	140	VDX300FA	4486.19
4"	240	VDX400FA	4769.99
PRESS FIT			
1"	10	VDX100PF	465.14
1 1/4"	15	VDX125PF	557.89
1 1/2"	30	VDX150PF	763.83
2"	40	VDX200PF	1022.03



Spiro-Vent Air Eliminator/Dirt Separator

SIZE	MAX FLOW(GPM)	STOCK NO	EACH
IPS CONNECTION With Magnet			
3/4"	6	VDR075FTM	197.75
1"	10	VDR100FTM	207.64
1 1/4"	15	VDR125FTM	271.35
1 1/2"	30	VDR150FTM	356.04
2"	40	VDR200FTM	494.32
PRESS FIT With Magnet			
3/4"	6	VDR075PFM	230.72
1"	10	VDR100PFM	247.20
1 1/4"	15	VDR125PFM	325.63
1 1/2"	30	VDR150PFM	387.15
2"	40	VDR200PFM	542.70

Taco Air Vents

Taco Hy-Vent

High capacity float type vent ideal for use on large air separating equipment



SIZE	STOCK NO	EACH
1/4" male	TA426	53.71

Spirovent

Spiro-Vent Air Eliminator

For residential and light commercial jobs. Solid brass. Female threads. 1/2" tapping at bottom to accommodate a bladder-type compression tank. Maximum pressure: 150 PSI. Maximum temperature: 270°.



SIZE	MAX FLOW(GPM)	STOCK NO	EACH
JUNIOR • IPS CONNECTION			
3/4"	6	VJR075FT	86.07
1"	10	VJR100TM	96.53
1 1/4"	15	VJR125TM	133.36
1 1/2"	30	VJR150TM	177.87
2"	40	VJR200TM	222.94
JUNIOR • PRESS FIT			
3/4"	6	VJP075TM	98.99
1"	10	VJP100TM	115.82
1 1/4"	15	VJP125TM	166.70
1 1/2"	30	VJP150TM	231.23
2"	40	VJP200TM	300.96
SENIOR • IPS CONNECTION			
2"	45	VSR200MT	1205.30
2 1/2"	70	VSR250MT	1339.09
3"	95	VSR300MT	1930.82
4"	170	VSR400MT	2073.58
SWEAT CONNECTION			
3/4"	6	VJS075TM	86.07
1"	10	VJS100TM	96.53
1 1/4"	15	VJS125TM	133.36

Spiro-Vent Junior Repair Head

STOCK NO	EACH
PJR000HA	45.16

Spiro-Vent Quick Release Air Valve

1/2" FPT and 3/4" MPT combination thread.

STOCK NO	EACH
VTP050FT	53.86



Heating Accessories

ZMF Magnetic Filter and Dirt Strainer

- Max working temperature: 190 °F
- Max working pressure: 90 PSIG
- Fluid Compatibility: Water or Glycol Mix up to 50%
- Magnet Performance: Neodymium 11,000 Gauss; ASTM A977
- 5 year warranty

SIZE	STOCK NO	EACH
1" NPFT & Press	ZMF100	210.80
1 1/4" NPFT & Press	ZMF125	227.42



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	2065.22



BoilerMag

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	208.19

Flushing Attachment

For use with BMR	BMFA1	4.70
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BoilerMag Commercial Filter

- Easy to install and clean
- Fits standard 1 1/2" 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
1 1/2" NPT	BMXL	753.91





McDonnell Miller Controllers



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 tapplings, 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	954.62
No 47 with switch	
MM472	1142.67



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	1404.89



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 tapplings, a feature which reproduces 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	482.48

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	540.57



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.

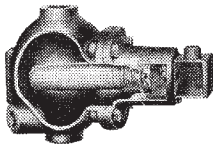
STOCK NO	EACH
MM764	553.26

"Built-in" Low Water Cut-offs

For installation 2½" NPT tapplings 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
4½"	MM69	379.55

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	537.11
2½" pipe tap opening in body	
MM767	439.90

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	644.08
With manual reset	
MM63M	644.08
Test and Check	
MMTC4	665.68



McDonnell Miller Controllers

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

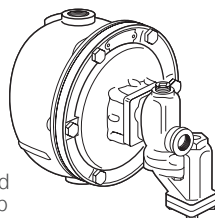
The No. 101A is also available with low voltage coil and companion transformer for use on gas fired boilers having 24 volt control circuits.



VOLTS	STOCK NO	EACH
115	MM101A	521.02
24	MM10124V	687.21

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	1168.55

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	869.51

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	977.04
Manual	MM150SM	977.04

No. 157S

Same as 150 except with integral water column.

EQUALIZING TAPPINGS	GAUGE GLASS TRICOCK TAPPINGS	STOCK NO	EACH
1"	1/2"	MM157S	1433.08

No. 14 Blow-Off Valve

STOCK NO	EACH
MM14	171.97

Low Water Cut-Off

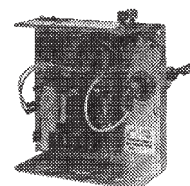
With Wiring Harness

STOCK NO	EACH
1100	109.76
With Manual Reset	
1100M	135.06



Safgard 120 Volt Low Water Cut-Offs

Model 650 - Max. pressure 160PSI
Input voltage: 120VAC, 60hz.
Features a test button and indicating light.
Button interrupts the burner circuit to simulate a lower water condition.



STOCK NO	EACH
With manual reset	
550SV	208.84

Safgard 24 Volt Low Water Cut-Offs

Model 600 - Max. pressure 160PSI
Input voltage: 24 Volt.
Features a test button and indicating light.
Button interrupts the burner circuit to simulate a lower water condition.

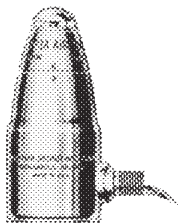
STOCK NO	EACH
600SV	200.30
With manual reset	
500SV	208.84



Hoffman Steam Air Vents

No 1A
Air Valve

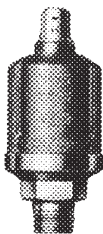
- A float-type vent with adjustable port for true proportional venting.
- Port settings from (#1) slow to (#6) fast venting.
- Operating Press: up to 1½ PSI
- Max. Press: 10 PSI



SIZE CONN	STOCK NO	EACH
1/8" Angle.....	HO1A	59.93

No 75
Air Valve

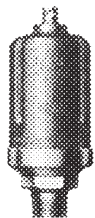
- Float-type vents, each with single non-adjustable port for relieving air from the mains of medium and large size systems.
- Size Conn: 1/2" female x 3/4" male straight shank
- Operating Press: up to 3 PSI
- Max. Press: 15 PSI



STOCK NO	EACH
HO75	158.04

No 74 Steam
Unit Heater Air Valve

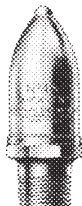
- Float-type vent with single non-adjustable port especially designed for use with Steam Unit Heaters.
- Vents air, when present, with rising, dropping, or steady pressure.
- Size Conn: 1/2" female x 3/4" male straight shank
- Operating Press: up to 35 PSI
- Max. Press: 35 PSI



STOCK NO	EACH
HO74	168.03

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: 1/2" female x 3/4" male straight shank
- Operating Press: up to 2 PSI
- Max. Press: 10 PSI



STOCK NO	EACH
HO4A	69.33

No 62 Steam
Vacuum Breaker

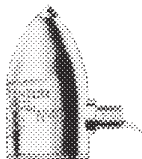
- Designed for use on closed vessels and piping systems to control induced vacuum within safe limits.
- Factory set to open at 2" (mercury) vacuum
- Adjustable from 1/4" to 20" (mercury) vacuum
- Size Conn: 3/4" IPS straight shank
- Max. Operating Press: 150 PSI



STOCK NO	EACH
HO62	130.43

No 40
Air Valve

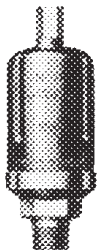
- A float-type vent with a single non-adjustable port.
- For use on ordinary one-pipe system not requiring proportional venting.
- Operating Press: up to 6 PSI
- Max. Press: 10 PSI



SIZE CONN	STOCK NO	EACH
1/8" Angle.....	HO40	35.25

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: 1/2" female x 3/4" male straight shank
- Operating Press: up to 3 PSI
- Max. Press: 15 PSI



STOCK NO	EACH
HO76	264.96

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
1/8" Straight.....	HO41	53.46



Hot Water Accessories



IPS Angle Radiator Valve

Hot water angle valve with "sleeve-type closing" for gravity hot water heating installations.

SIZE	STOCK NO	EACH
1/2"	12ARAVA	12.62
3/4"	34ARAVA	16.54
1"	1ARAVA	26.01
1 1/4"	114ARAVA	36.27

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
1/2"	12SWTARAVA	12.62
3/4"	34SWTARAVA	16.54

Union Elbow

With female inlet and male union for gravity hot water heating installations.



SIZE	STOCK NO	EACH
1/2"	12RAL	6.02
3/4"	34RAL	9.04
1"	1RAL	15.08
1 1/4"	114RAL	24.13

Union Elbow

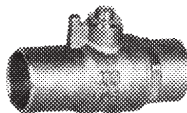
Male union and sweat connection for use on gravity jobs, also where supply valve is adjusted.



SIZE	STOCK NO	EACH
1/2"	12TSRAL	6.02
3/4"	34TSRAL	9.04

Balancing Fittings

Two-piece
Sweat x Sweat
Slotted Stem



SIZE	STOCK NO	EACH
1/2"	12SBAVA	7.52
3/4"	34SBAVA	10.69
1"	1SBAVA	17.74



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
3/4"	2 Gallon	265 psi	AXCBF2	568.25
3/4"	5 Gallon	265 psi	AXCBF5	774.85



Steam Accessories

Digital Mini System Feeder

Tank for storage & mixing of system make-up fluid

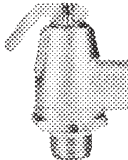
SIZE	STOCK NO	PRICE
4.5 Gallon	AXDMF150	490.03



Conbraco
Low Pressure Heating Boiler
Safety Valves

13-200 Series

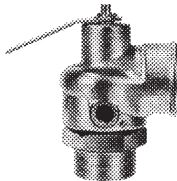
- All bronze construction
- Flat seat and teflon faced disc for positive seal and non-sticking
- Top guided and high capacity
- Positive drainage of condensate from seat area
- Standard set pressure of 15 psi



MODEL	INLET NPT	OUTLET NPT	PRESS LBS./HR	STOCK NO	EACH
13-211	3/4" Male	3/4" Female	475	34POSAVA	64.77
13-202	1" Male	1" Female	643	1POSAVA	67.54
13-213	1 1/4" Male	1 1/2" Female	1200	114POSAVA	114.46
13-214	1 1/2" Male	2" Female	1900	112POSAVA	153.65

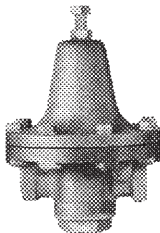
12-200 Series

- 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
- 3/8" NPT side tapping for drain



MODEL	INLET NPT	OUTLET NPT	PRESS LBS./HR	STOCK NO	EACH
12-205	2"	2"	2500	2POSAVA	334.79
12-206	2 1/2"	2 1/2"	3529	212POSAVA	495.46
12-208	3"	3"	4100	3POSAVA	638.02

Watts



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
3/4"	3-15	WA34152A3	1303.33



Pressure Gauges

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	7.87
0-30	800B2502LA090LF	7.87
0-60	800B2502LA100LF	7.87
0-100	800B2502LA110LF	7.87
0-160	800B2502LA120LF	7.87
0-200	800B2502LA130LF	7.87
0-300	800B2502LA140LF	7.87
4" Dial		
0-15	800B4002LA080LF	13.91
0-30	800B4002LA090LF	13.91
0-60	800B4002LA100LF	13.91
0-100	800B4002LA110LF	13.91
0-160	800B4002LA120LF	13.91
0-200	800B4002LA130LF	13.91
0-300	800B4002LA140LF	13.91

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	43.72
½" NPT Rear	PTC14601	26.30
Temp: 30° - 250°F • Pressure: 0 - 200 psi/kPa		
½" NPT Bottom	PTC14405	43.72
½" NPT Rear	PTC14605	26.30

Thermometers

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	35.91
0° - 100°	BX9140302	35.91
0° - 160°	BX9140304	35.91
30° - 180°	BX9140306	35.91
30° - 240°	BX9140307	35.91
30° - 300°	BX9140308	35.91
BX9-1-406—6" Stem		
0° - 100°	BX9140602	43.78
30° - 240°	BX9140607	43.78

3-4F Series

3½" Brass Socket

STOCK NO	EACH
34F2	6.04
LEAD FREE	
34F2PBF	11.74

3-4F Series

3½" 304 Stainless Steel • Well ¾" NPT

STOCK NO	EACH
34F5	65.21

3-4FD Series

6" Stem with 2½" Extension

STOCK NO	EACH
34JD2	14.71
LEAD FREE	
34JD2PBF	30.67

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	46.75

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	16.99
30° - 240°	HT3047	16.99
HT31 Angle - with socket		
-40° - 110°	HT3141	16.99
30° - 240°	HT3147	16.99

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	42.52
4532 Angle - less socket		
30° - 300°	435210208	42.52

Econo ThermoWell

Brass • 3-3C2 • For Use with 435 Series

SIZE	STOCK NO	EACH
1½" NPT x 2"	33C2	9.35
LEAD FREE		
1½" NPT x 2"	33C2PBF	11.40



AprilAire Controls & Thermostats

Whole-House
Manual Humidifier
Control Humidistat

- Outdoor Temperature Sensor
- Low Voltage 24VAC



STOCK NO	EACH
APRIL56	88.74

Digital
Whole-House
Auto Humidifier
Control Humidistat

- Outdoor Temperature Sensor
- Low Voltage 24VAC



STOCK NO	EACH
APRIL60	116.24

Digital
Whole-House
Steam Humidifier
Control Humidistat

- Outdoor Temperature Sensor
- Low Voltage 24VAC



STOCK NO	EACH
APRIL62	116.24

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	123.16

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	393.14

Programmable
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	54.83

Programmable
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	137.12



Viega MegaPress® Fittings Carbon Steel for Gas



90° Elbows

SIZE	STOCK NO	EACH
1/2"	ME12PRELGAS	16.46
3/4"	ME34PRELGAS	18.74
1"	ME1PRELGAS	22.77
1 1/4"	ME114PRELGAS	39.20
1 1/2"	ME112PRELGAS	50.09
2"	ME2PRELGAS	74.48
2 1/2"	ME212PRELGAS	211.75
3"	ME3PRELGAS	244.13
4"	ME4PRELGAS	314.53



45° Elbows

SIZE	STOCK NO	EACH
1/2"	ME12PR45LGAS	17.15
3/4"	ME34PR45LGAS	20.74
1"	ME1PR45LGAS	25.91
1 1/4"	ME114PR45LGAS	45.20
1 1/2"	ME112PR45LGAS	56.72
2"	ME2PR45LGAS	80.52
2 1/2"	ME212PR45LGAS	211.75
3"	ME3PR45LGAS	244.13
4"	ME4PR45LGAS	314.53



Couplings With Stops

SIZE	STOCK NO	EACH
1/2"	ME12PRCGAS	15.19
3/4"	ME34PRCGAS	17.42
1"	ME1PRCGAS	25.75
1 1/4"	ME114PRCGAS	32.76
1 1/2"	ME112PRCGAS	44.22
2"	ME2PRCGAS	64.24
2 1/2"	ME212PRCGAS	159.54
3"	ME3PRCGAS	161.99
4"	ME4PRCGAS	235.65



Couplings No Stops

SIZE	STOCK NO	EACH
1/2"	ME12PRRCGAS	18.50
3/4"	ME34PRRCGAS	21.09
1"	ME1PRRCGAS	29.13
1 1/4"	ME114PRRCGAS	37.33
1 1/2"	ME112PRRCGAS	49.26
2"	ME2PRRCGAS	69.62
2 1/2"	ME212PRRCGAS	175.52
3"	ME3PRRCGAS	177.29
4"	ME4PRRCGAS	257.96



Tees

SIZE	STOCK NO	EACH
1/2"	ME12PRTGAS	26.91
3/4"	ME34PRTGAS	29.69
1"	ME1PRTGAS	35.23
1 1/4"	ME114PRTGAS	59.91
1 1/2"	ME112PRTGAS	70.50
2"	ME2PRTGAS	114.27
2 1/2"	ME212PRTGAS	304.07
3"	ME3PRTGAS	346.97
4"	ME4PRTGAS	396.25

Reducing Tees

3/4" x 1/2"	ME34X12PRTGAS	32.27
1" x 1/2"	ME1X12PRTGAS	40.30
1" x 3/4"	ME1X34PRTGAS	39.41
1 1/4" x 1/2"	ME114X12PRTGAS	64.47
1 1/4" x 3/4"	ME114X34PRTGAS	63.98
1 1/4" x 1"	ME114X1PRTGAS	62.76
1 1/2" x 1/2"	ME112X12PRTGAS	87.35
1 1/2" x 3/4"	ME112X34PRTGAS	81.27
1 1/2" x 1"	ME112X1PRTGAS	82.04
1 1/2" x 1 1/4"	ME112X114PRTGAS	79.26
2" x 1/2"	ME2X12PRTGAS	131.77
2" x 3/4"	ME2X34PRTGAS	124.52
2" x 1"	ME2X1PRTGAS	123.32
2" x 1 1/4"	ME2X114PRTGAS	133.15
2" x 1 1/2"	ME2X112PRTGAS	135.78
2 1/2" x 1"	ME212X1PRTGAS	323.95
2 1/2" x 1 1/4"	ME212X114PRTGAS	323.95
2 1/2" x 1 1/2"	ME212X112PRTGAS	304.60
2 1/2" x 2"	ME212X2PRTGAS	297.94
3" x 1 1/4"	ME3X114PRTGAS	376.19
3" x 1 1/2"	ME3X112PRTGAS	389.82
3" x 2"	ME3X2PRTGAS	368.96
3" x 2 1/2"	ME3X212PRTGAS	380.63
4" x 1 1/2"	ME4X12PRTGAS	466.04
4" x 2"	ME4X2PRTGAS	461.87
4" x 2 1/2"	ME4X212PRTGAS	481.96
4" x 3"	ME4X3PRTGAS	485.35



Female Tees

SIZE	STOCK NO	EACH
3/4" x 1/2"	ME34X12PRFTGAS	33.41
1" x 1/2"	ME1X12PRFTGAS	37.98
1" x 3/4"	ME1X34PRFTGAS	37.61
1 1/2" x 1/2"	ME112X12PRFTGAS	89.01
1 1/2" x 3/4"	ME112X34PRFTGAS	82.50
1 1/4" x 1/2"	ME114X12PRFTGAS	54.93
1 1/4" x 3/4"	ME114X34PRFTGAS	65.46
1 1/4" x 1"	ME114X1PRFTGAS	70.93
2" x 1/2"	ME2X12PRFTGAS	124.19
2" x 3/4"	ME2X34PRFTGAS	123.01
3" x 3/4"	ME3X34PRFTGAS	315.71



Ball Valves

SIZE	STOCK NO	EACH
1/2"	ME12PRBVGAS	72.90
3/4"	ME34PRBVGAS	82.72
1"	ME1PRBVGAS	95.87
1 1/4"	ME114PRBVGAS	167.62
1 1/2"	ME112PRBVGAS	182.34
2"	ME2PRBVGAS	309.29



Reducers

Fitting x Press

SIZE	STOCK NO	EACH
3/4" x 1/2"	ME34X12PRFRGAS	19.16
1" x 1/2"	ME1X12PRFRGAS	22.93
1" x 3/4"	ME1X34PRFRGAS	22.99
1 1/4" x 1"	ME114X1PRFRGAS	35.60
1 1/2" x 3/4"	ME112X34PRFRGAS	42.79
1 1/2" x 1"	ME112X1PRFRGAS	42.95
1 1/2" x 1 1/4"	ME112X114PRFRGAS	45.03
2" x 1"	ME2X1PRFRGAS	58.05
2" x 1 1/4"	ME2X114PRFRGAS	59.90
2" x 1 1/2"	ME2X112PRFRGAS	66.17
2 1/2" x 1"	ME212X1PRFRGAS	151.96
2 1/2" x 1 1/2"	ME212X112PRFRGAS	149.47
2 1/2" x 2"	ME212X2PRFRGAS	148.03
3" x 1 1/2"	ME3X112PRFRGAS	195.91
3" x 2"	ME3X2PRFRGAS	193.71
3" x 2 1/2"	ME3X212PRFRGAS	193.71
4" x 2"	ME4X2PRFRGAS	236.35
4" x 2 1/2"	ME4X212PRFRGAS	234.26
4" x 3"	ME4X3PRFRGAS	223.95



Caps

SIZE	STOCK NO	EACH
1/2"	ME12PRCAPGAS	18.80
3/4"	ME34PRCAPGAS	19.66
1"	ME1PRCAPGAS	22.22
1 1/4"	ME114PRCAPGAS	37.64
1 1/2"	ME112PRCAPGAS	48.08
2"	ME2PRCAPGAS	59.41
2 1/2"	ME212PRCAPGAS	157.47
3"	ME3PRCAPGAS	186.85
4"	ME4PRCAPGAS	253.31



Viega MegaPress® Fittings

Carbon Steel for Gas

Reducer

Press x Press



SIZE	STOCK NO	EACH
3/4 x 1/2"	ME34X12PRRGAS	19.16
1 x 1/2"	ME1X12PRRGAS	22.93
1 x 3/4"	ME1X34PRRGAS	22.99
1 1/4 x 3/4"	ME114X34PRRGAS	35.44
1 1/4 x 1"	ME114X1PRRGAS	35.56
1 1/2 x 1 1/4"	ME112X114PRRGAS	45.03
2 x 1 1/4"	ME2X114PRRGAS	59.90
2 x 1 1/2"	ME2X112PRRGAS	66.17

Unions



SIZE	STOCK NO	EACH
1/2"	ME12PRUGAS	89.18
3/4"	ME34PRUGAS	87.70
1"	ME1PRUGAS	107.62
1 1/4"	ME114PRUGAS	137.48
1 1/2"	ME112PRUGAS	158.33
2"	ME2PRUGAS	198.11

Male Adapter



SIZE	STOCK NO	EACH
1/2"	ME12PRMAGAS	21.09
3/4"	ME34PRMAGAS	22.93
1"	ME1PRMAGAS	28.71
1 1/4"	ME114PRMAGAS	34.37
1 1/2"	ME112PRMAGAS	40.30
2"	ME2PRMAGAS	61.40
2 1/2"	ME212PRMAGAS	192.03
3"	ME3PRMAGAS	246.75
4"	ME4PRMAGAS	295.49

Female Adapters



SIZE	STOCK NO	EACH
1/2"	ME12PRFAGAS	18.91
3/4"	ME34PRFAGAS	21.66
1"	ME1PRFAGAS	28.49
1 1/4"	ME114PRFAGAS	33.94
1 1/2"	ME112PRFAGAS	39.20
2"	ME2PRFAGAS	58.73
2 1/2"	ME212PRFAGAS	182.18
3"	ME3PRFAGAS	220.26
4"	ME4PRFAGAS	304.17

Reducing Adapters

3/4 x 1/2"	ME34X12PRFAGAS	26.85
1 x 3/4"	ME1X34PRFAGAS	34.74
1 1/4 x 1/2"	ME114X12PRFAGAS	42.07
1 1/4 x 3/4"	ME114X34PRFAGAS	41.85
1 1/4 x 1"	ME114X1PRFAGAS	41.11
1 1/2 x 1"	ME112X1PRFAGAS	45.44
2 x 3/4"	ME2X34PRFAGAS	62.70
2 x 1"	ME2X1PRFAGAS	65.27
2 x 1 1/4"	ME2X114PRFAGAS	64.07
2 x 1 1/2"	ME2X112PRFAGAS	60.15

90° Street Elbows

For use with Sch.5 to
Sch.40 carbon steel pipe



SIZE	STOCK NO	EACH
1/2"	ME12PRSLGAS	16.79
3/4"	ME34PRSLGAS	18.74
1"	ME1PRSLGAS	22.77
1 1/4"	ME114PRSLGAS	39.20
1 1/2"	ME112PRSLGAS	50.09
2"	ME2PRSLGAS	74.48
2 1/2"	ME212PRSLGAS	211.75
4"	ME4PRSLGAS	314.53

45° Street Elbows

For use with Sch.5 to
Sch.40 carbon steel pipe



SIZE	STOCK NO	EACH
1/2"	ME12PRS45LGAS	17.15
3/4"	ME34PRS45LGAS	20.74
1"	ME1PRS45LGAS	25.91
1 1/4"	ME114PRS45LGAS	45.20
1 1/2"	ME112PRS45LGAS	56.72
2"	ME2PRS45LGAS	80.52
2 1/2"	ME212PRS45LGAS	211.75
3"	ME3PRS45LGAS	244.13
4"	ME4PRS45LGAS	314.53



Black Nipples



1/2" IPS

Minimum Quantities of (25)

LENGTH	STOCK NO	EACH
Close	12XCBN	2.23
1 1/2"	12X112BN	2.23
2"	12X2BN	2.23
2 1/2"	12X212BN	2.62
3"	12X3BN	2.62
3 1/2"	12X312BN	3.20
4"	12X4BN	3.20
4 1/2"	12X412BN	3.71
5"	12X5BN	3.71
6"	12X6BN	4.13
7"	12X7BN	7.43
8"	12X8BN	7.43
9"	12X9BN	8.99
10"	12X10BN	8.99
11"	12X11BN	10.66
12"	12X12BN	10.66
18"	12X18BN	16.63
24"	12X24BN	21.70
30"	12X30BN	25.41
36"	12X36BN	30.00
48"	12X48BN	37.90
60"	12X60BN	45.44

3/4" IPS

Minimum Quantities of (25)

LENGTH	STOCK NO	EACH
Close	34XCBN	2.60
1 1/2"	34X112BN	2.74
2"	34X2BN	2.74
2 1/2"	34X212BN	3.09
3"	34X3BN	3.09
3 1/2"	34X312BN	3.87
4"	34X4BN	3.87
4 1/2"	34X412BN	4.86
5"	34X5BN	4.86
6"	34X6BN	5.47
7"	34X7BN	9.14
8"	34X8BN	9.14
9"	34X9BN	10.58
10"	34X10BN	10.58
11"	34X11BN	11.82
12"	34X12BN	11.82
18"	34X18BN	20.51
24"	34X24BN	26.23
30"	34X30BN	30.73
36"	34X36BN	36.37
48"	34X48BN	48.44
60"	34X60BN	59.28

1" IPS

Minimum Quantities of (25)

LENGTH	STOCK NO	EACH
Close	1XCBN	3.71
2"	1X2BN	4.09
2 1/2"	1X212BN	4.28
3"	1X3BN	4.28
3 1/2"	1X312BN	5.37
4"	1X4BN	5.37
4 1/2"	1X412BN	6.29
5"	1X5BN	6.29
6"	1X6BN	7.49
7"	1X7BN	12.19
8"	1X8BN	12.19
9"	1X9BN	14.25
10"	1X10BN	14.25
11"	1X11BN	16.37
12"	1X12BN	16.37
18"	1X18BN	26.40
24"	1X24BN	34.50
30"	1X30BN	39.78
36"	1X36BN	47.98
48"	1X48BN	62.71
60"	1X60BN	78.92

"Redi-Sixes"

Six pieces of each, close thru 6"

SIZE	STOCK NO	EACH
1/2"	12BN6P	290.80
3/4"	34BN6P	355.49
1"	1BN6P	425.26

"Three-Pack"

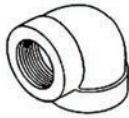
3 Pcs. of Each Size - Close thru 6"

SIZE	STOCK NO	EACH
1/2"	12BN3P	133.14
3/4"	34BN3P	162.39
1"	1BN3P	213.41



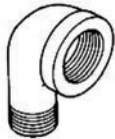
Black Fittings

90° Elbow



SIZE	STOCK NO	CTN QTY	EACH
1/2"	12BML	50	2.43
3/4"	34BML	35	2.92
1"	1BML	80	5.09

90° Street Elbow



SIZE	STOCK NO	CTN QTY	EACH
1/2"	12BMSL	50	5.01
3/4"	34BMSL	35	5.01
1"	1BMSL	20	7.10

45° Elbow



SIZE	STOCK NO	CTN QTY	EACH
1/2"	12BM45L	50	4.00
3/4"	34BM45L	40	4.95
1"	1BM45L	20	6.24

Tee



SIZE	STOCK NO	CTN QTY	EACH
1/2"	12BMT	30	3.25
3/4"	34BMT	80	4.66
1"	1BMT	12	7.97

Reducing Couplings



SIZE	STOCK NO	CTN QTY	EACH
3/4" x 1/2"	34X12BMR	50	4.41
1 x 1/2"	1X12BMR	30	7.02

Unions



SIZE	STOCK NO	CTN QTY	EACH
1/2"	12BMU	40	11.32
3/4"	34BMU	30	13.02
1"	1BMU	25	16.97

Hexagon Bushing



SIZE	STOCK NO	CTN QTY	EACH
3/4" x 1/2"	34X12BSB	100	1.34
1 x 1/2"	1X12BSB	50	2.28

Cap



SIZE	STOCK NO	CTN QTY	EACH
1/2"	12BMCAP	50	2.44
3/4"	34BMCAP	40	3.32
1"	1BMCAP	25	4.02

Cored Plug



SIZE	STOCK NO	MIN QTY	EACH
1"	1BMP	40	2.21

Solid Square Head Plug - Steel



SIZE	STOCK NO	MIN QTY	EACH
1/2"	12BSP	100	.59
3/4"	34BSP	50	.93



Wardflex Tubing & Fittings

Alternative to Steel Pipe



50' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
1/2"	WF12X50TU	152.27
3/4"	WF34X50TU	198.73
1"	WF1X50TU	283.39
1 1/4"	WF114X50TU	354.63
1 1/2"	WF112X50TU	625.96

100' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
3/8"	WF38X100TU	272.56
1/2"	WF12X100TU	304.55
3/4"	WF34X100TU	397.49
1"	WF1X100TU	566.78
1 1/4"	WF114X100TU	709.27
1 1/2"	WF112X100TU	1245.09

150' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
1 1/2"	WF112X150TU	1867.65

180' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
3/4"	WF34X180TU	715.46
1"	WF1X180TU	1020.24

250' Coils Yellow Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
1 1/2"	WF12X250TU	760.89

Wardflex II Stainless Steel Tubing



50' Coils Black Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
1/2"	WFII12X50TU	183.34
3/4"	WFII34X50TU	238.59
1"	WFII1X50TU	340.86
1 1/4"	WFII114X50TU	426.24

100' Coils Black Tubing

Sold per each coil.

SIZE	STOCK NO	COIL
1/2"	WFII12X100TU	333.58
3/4"	WFII34X100TU	434.19
1"	WFII1X100TU	619.51
1 1/4"	WFII114X100TU	775.04

250' Coils Black Tubing

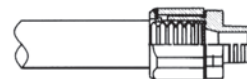
Sold per each coil.

SIZE	STOCK NO	COIL
1/2"	WFII12X250TU	833.95
3/4"	WFII34X250TU	1085.46



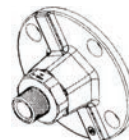
Mechanical Coupling (WFC)

SIZE	STOCK NO	EACH
3/8"	WF38C	20.49
1/2"	WF12C	23.32
3/4"	WF34C	32.09
1"	WF1C	51.78
1 1/4"	WF114C	110.35
1 1/2"	WF112C	230.93
2"	WF2C	394.56



Joint fitting (WFMJ)

SIZE	STOCK NO	EACH
3/8"	WF38MJ	11.75
1/2"	WF12MJ	12.66
3/4"	WF34MJ	17.27
1"	WF1MJ	28.67
1 1/4"	WF114MJ	59.24
1 1/2"	WF112MJ	121.86
2"	WF2MJ	207.68



Termination Fittings

SIZE	STOCK NO	EACH
Outdoor (WF_OTF)		
3/8"	WF38OTF	20.13
1/2"	WF12OTF	21.50
3/4"	WF34OTF	25.37
1"	WF1OTF	35.13
Indoor (WF_ITF)		
1/2"	WF12ITF	18.09
3/4"	WF34ITF	19.00

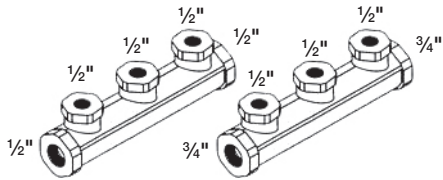
O-Ring for Outdoor Termination Kit (WFOR)



SIZE	STOCK NO	EACH
3/8"	WF38ORI	2.11
1/2"	WF12ORI	2.11
3/4"	WF34ORI	2.62

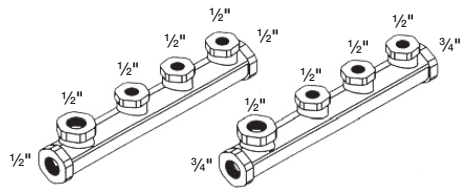


Wardflex Tubing & Fittings



3 Port Manifolds

LINE SIZE	STOCK NO	EACH
1/2"	WFDX3M	23.69
3/4"	WFEX3DM	25.54



4 Port Manifolds

LINE SIZE	STOCK NO	EACH
1/2"	WFDX4M	28.98
3/4"	WFEX4DM	28.98

Full Striker Plate



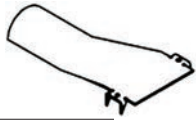
STOCK NO	EACH
WFFSP	3.91

Large Striker Plate



STOCK NO	EACH
WFLSP	17.29

Half Striker Plate



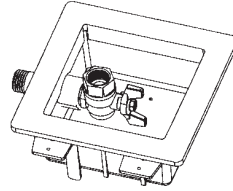
STOCK NO	EACH
WFHSP	1.88

Quarter Striker Plate



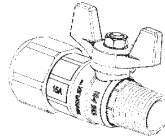
STOCK NO	EACH
WFQSP	.96

Flush Mount Gas Valve Kit



STOCK NO	EACH
WF1WFFMKIT	50.57

Valve Assembly



SIZE	STOCK NO	EACH
3/4"	WF34V	35.37
1/2"	WF12V	27.97

Male Mechanical Joint Tee

SIZE	STOCK NO	EACH
1/2" x 1/2" x 1/2"	WF12MJT	39.18
3/4" x 3/4" x 3/4"	WF34MJT	48.58
3/4" x 3/4" x 1/2"	WF34X12MJT	48.68

Female Mechanical Joint Fitting

SIZE	STOCK NO	EACH
1/2" x 1/2"	WF12MJF	12.66
3/4" x 3/4"	WF34MJF	18.24
1" x 1"	WF1MJF	26.70

#800 Bonding Clamp

SIZE	STOCK NO	EACH
3/8" - 1"	WF38X1BC	6.67

Appliance Stub Out



SIZE	STOCK NO	EACH
1/2"	WF12ASO	13.42



Stripwound Metal Conduit

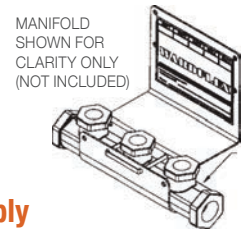
SIZE	STOCK NO	EACH
1/2" x 12"	WF12X12HO	2.33
3/4" x 12"	WF34X12HO	3.69
1" x 12"	WF1X12HO	4.40

Tube Cutter



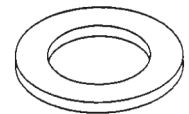
SIZE	STOCK NO	EACH
Black & Yellow #658		
3/8" - 1 1/4"	WF10AX32A	91.67
Replacement Wheel #659		
3/8" - 1 1/4"	WFW10AX32A	29.48

Manifold Bracket Assembly



STOCK NO	EACH
WF1WFMBRKA	9.83

Mechanical Joint Gasket



SIZE	STOCK NO	EACH
1"	WF1MJG	1.83



Gas Connectors



Residential Gas Connector with Valve

3/8" MIP X 1/2" FIP (Ball)

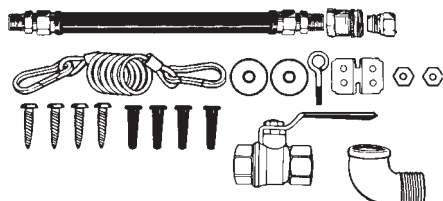
LGTH	STOCK NO	EACH
12"	DOGACO	22.91



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	114.72
1/2 x 48"	DO1650BP48	129.47
3/4 x 36"	DO1675BP36	155.56
3/4 x 48"	DO1675BP48	179.03
1 x 36"	DO16100BP36	174.66
1 x 48"	DO16100BP48	205.13



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	198.15
1/2 x 48"	DO1650K48	207.72
3/4 x 36"	DO1675K36	263.34
3/4 x 48"	DO1675K48	283.30
1 x 36"	DO16100K36	325.89
1 x 48"	DO16100K48	356.31



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	17.98
(•) 36"	DO30313236	20.53
48"	DO30313248	26.17
3/4" FIP x 3/4" MIP		
(•) 18"	DO30414218	15.71
(•) 24"	DO30414224	17.98
(•) 36"	DO30414236	20.53
48"	DO30414248	26.17

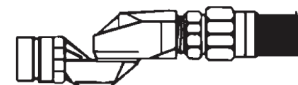
(•)-Approved for use with Radiant Tube Heating Appliances when installed according to manufacturers instructions.



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	84.87
3/4"	DOA75	103.19
1"	DOA100	139.81



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	118.99



Coiled Restraining Device

Includes commercial mounting hardware

LGTH	STOCK NO	EACH
36"	DORDC36	31.98
48"	DORDC48	30.16



ProPress Fittings

90° Elbow

Copper to Copper



SIZE	STOCK NO	EACH
1/2"	PP77317	3.17
3/4"	PP77022	5.12
1"	PP77027	10.20
1 1/4"	PP77032	19.99
1 1/2"	PP77037	37.39
2"	PP77042	52.49

XL-C Copper Elbow

2 1/2"	PP20623	144.08
3"	PP20628	181.27
4"	PP20633	224.25

Reducing 90° Elbow

Copper to Copper



SIZE	STOCK NO	EACH
3/4" x 1/2"	PP77325	7.68
1" x 3/4"	PP77330	17.71

90° Elbow

Fitting to Copper



SIZE	STOCK NO	EACH
1/2"	PP77347	3.08
3/4"	PP77052	5.32
1"	PP77057	12.17
1 1/4"	PP77062	21.76
1 1/2"	PP77067	39.56
2"	PP77072	54.96

XL-C Copper Elbow

2 1/2"	PP20638	161.35
3"	PP20643	187.62
4"	PP20648	238.92

45° Elbow

Copper to Copper



SIZE	STOCK NO	EACH
1/2"	PP77607	3.84
3/4"	PP77023	4.51
1"	PP77028	14.32
1 1/4"	PP77033	19.96
1 1/2"	PP77038	31.99
2"	PP77043	44.37

XL-C Copper Elbow

2 1/2"	PP20653	97.03
3"	PP20658	135.98
4"	PP20663	192.47

45° Elbow

Fitting to Copper



SIZE	STOCK NO	EACH
1/2"	PP77637	3.03
3/4"	PP77053	4.29
1"	PP77058	13.96
1 1/4"	PP77063	19.97
1 1/2"	PP77068	30.20
2"	PP77073	45.24

XL-C Copper Elbow

2 1/2"	PP20668	118.35
3"	PP20673	171.19
4"	PP20678	216.27

Spring Check Valve

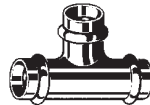
Copper to Copper



SIZE	STOCK NO	EACH
1/2"	PP79035	22.49
3/4"	PP79040	28.77
1"	PP79045	33.16
1 1/2"	PP79050	47.51
1 1/2"	PP79055	67.43
2"	PP79060	122.71

Tee

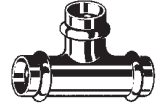
Copper to Copper to Copper



SIZE	STOCK NO	EACH
1/2"	PP77377	4.83
3/4"	PP77387	8.45
3/4" x 1/2" x 1/2"	PP77392	13.53
3/4" x 3/4" x 1/2"	PP77402	7.38
1"	PP77412	15.49
1" x 1" x 1/2"	PP77432	18.05
1" x 1" x 3/4"	PP77437	17.60
1 1/4"	PP77442	25.67
1 1/2"	PP77457	48.85
2"	PP77477	60.35

Tee

Copper to Copper to Copper



SIZE	STOCK NO	EACH
Copper Tee		
1/2"	PP77377	4.83
1/2" x 1/2" x 3/4"	PP77382	17.26
3/4"	PP77387	8.45
3/4" x 1/2" x 1/2"	PP77392	13.53
3/4" x 1/2" x 3/4"	PP77397	14.58
3/4" x 3/4" x 1/2"	PP77402	7.38
3/4" x 3/4" x 1"	PP77407	27.94
1"	PP77412	15.49
1" x 1/2" x 1"	PP94767	26.80
1" x 3/4" x 1/2"	PP77417	28.29
1" x 3/4" x 3/4"	PP77422	24.88
1" x 3/4" x 1"	PP77427	28.09
1" x 1" x 1/2"	PP77432	18.05
1" x 1" x 3/4"	PP77437	17.60
1" x 1" x 1 1/4"	PP15488	48.55
1 1/4"	PP77442	25.67
1 1/4" x 1" x 3/4"	PP94762	26.62
1 1/4" x 1" x 1"	PP14568	29.20
1 1/4" x 1 1/4" x 3/4"	PP77452	23.48
1 1/4" x 1 1/4" x 1"	PP77447	25.33
1 1/2"	PP77457	48.85
1 1/2" x 1" x 3/4"	PP79660	65.43
1 1/2" x 1" x 1"	PP15458	74.43
1 1/2" x 1" x 1 1/2"	PP15463	81.63
1 1/2" x 1 1/4" x 1"	PP15453	66.34
1 1/2" x 1 1/4" x 1 1/4"	PP15483	49.00
1 1/2" x 1 1/2" x 1/2"	PP15448	53.00
1 1/2" x 1 1/2" x 3/4"	PP77462	43.40
1 1/2" x 1 1/2" x 1"	PP77467	45.04
1 1/2" x 1 1/2" x 1 1/4"	PP77472	48.35
2"	PP77477	60.35
2" x 1 1/4" x 1 1/4"	PP15518	109.00
2" x 1 1/2" x 3/4"	PP15513	93.47
2" x 1 1/2" x 1"	PP15498	92.28
2" x 1 1/2" x 1 1/4"	PP15508	95.31
2" x 1 1/2" x 1 1/2"	PP15503	96.63
2" x 2" x 1/2"	PP15538	83.53
2" x 2" x 3/4"	PP94777	70.62
2" x 2" x 1"	PP94772	72.99
2" x 2" x 1 1/2"	PP77482	55.92
2" x 2" x 1 1/4"	PP77487	74.37
XL-C Copper Tee		
2 1/2"	PP20683	181.42
2 1/2" x 2" x 1 1/2"	PP22283	241.40
2 1/2" x 2" x 2"	PP22278	212.08
2 1/2" x 2 1/2" x 1 1/2"	PP22311	227.08
2 1/2" x 2 1/2" x 3/4"	PP22309	248.23
2 1/2" x 2 1/2" x 1"	PP22293	248.23
2 1/2" x 2 1/2" x 1 1/4"	PP22288	253.01
2 1/2" x 2 1/2" x 1 1/2"	PP20803	241.76
2 1/2" x 2 1/2" x 2"	PP20688	213.12
3"	PP20693	222.49
3" x 3" x 3/4"	PP22310	258.86
3" x 3" x 1"	PP22308	266.62
3" x 3" x 1 1/4"	PP22313	266.62
3" x 3" x 1 1/2"	PP20798	266.62
3" x 3" x 2"	PP20698	255.96
3" x 3" x 2 1/2"	PP20703	282.38
4"	PP20708	318.17
4" x 4" x 1 1/2"	PP20808	334.16
4" x 4" x 2"	PP20713	287.99
4" x 4" x 2 1/2"	PP20718	274.41
4" x 4" x 3"	PP20723	300.80



ProPress Fittings

Coupling



SIZE	STOCK NO	EACH
Copper Coupling with Stop		
1/2"	PP78047	2.86
3/4"	PP78052	4.32
1"	PP78057	8.67
1 1/4"	PP78062	10.74
1 1/2"	PP78067	19.58
2"	PP78072	24.98
XL-C Copper Coupling with Stop		
2 1/2"	PP20728	71.10
3"	PP20733	90.53
4"	PP20738	128.10
Copper Coupling without Stop		
1/2"	PP78172	7.06
3/4"	PP78177	9.28
1"	PP78182	11.79
1 1/4"	PP78187	17.60
1 1/2"	PP78192	26.60
2"	PP78197	30.37
XL-C Copper Coupling without Stop		
2 1/2"	PP20743	72.08
3"	PP20748	93.06
4"	PP20753	127.91

Reducer

Copper to Copper



SIZE	STOCK NO	EACH
Copper Reducer		
3/4 x 1/2"	PP78147	13.07
1 x 1/2"	PP15603	24.09
1 x 3/4"	PP78152	15.26
1 1/4 x 3/4"	PP15593	34.24
1 1/4 x 1"	PP78157	22.11
1 1/2 x 3/4"	PP18473	40.92
1 1/2 x 1"	PP15588	36.74
1 1/2 x 1 1/4"	PP78162	32.53
2 x 3/4"	PP18468	38.92
2 x 1"	PP15608	56.65
2 x 1 1/4"	PP22328	47.15
2 x 1 1/2"	PP78167	36.62
XL-C Copper Reducer		
2 1/2 x 1 1/2"	PP20695	151.99
2 1/2 x 2"	PP20700	144.77
3 x 1 1/2"	PP20705	168.18
3 x 2"	PP20710	168.60
3 x 2 1/2"	PP20715	197.67
4 x 2"	PP20720	209.68
4 x 2 1/2"	PP20725	231.49
4 x 3"	PP20730	254.86

Adapter

Copper by Male NPT



SIZE	STOCK NO	EACH
Bronze Adapter		
1/2 x 3/8"	PP79210	5.94
1/2 x 1/2"	PP79215	3.67
1/2 x 3/4"	PP79220	7.67
3/4 x 1/2"	PP79225	8.04
3/4 x 3/4"	PP79230	6.57
3/4 x 1"	PP79235	18.29
1 x 3/4"	PP79240	20.16
1 x 1"	PP79245	12.25
1 x 1 1/4"	PP79250	25.54
1 1/4 x 1"	PP79255	27.78
1 1/4 x 1 1/4"	PP79260	25.26
1 1/4 x 1 1/2"	PP79265	29.66
1 1/2 x 1 1/4"	PP79270	37.26
1 1/2 x 1 1/2"	PP79275	35.40
2 x 2"	PP79290	68.12
XL-C Copper Adapter		
2 1/2 x 2 1/2"	PP20823	146.85
3 x 3"	PP20828	184.75
4 x 4"	PP20838	225.94

Adapter

Copper by Female NPT



SIZE	STOCK NO	EACH
Bronze Adapter		
1/2 x 1/2"	PP79300	4.58
1/2 x 3/4"	PP79305	9.67
3/4 x 1/2"	PP79310	7.08
3/4 x 3/4"	PP79315	7.12
1 x 3/4"	PP79325	25.35
1 x 1"	PP79330	13.60
1 x 1 1/4"	PP79335	26.10
1 1/4 x 1"	PP79345	30.32
1 1/4 x 1 1/4"	PP79350	30.04
1 1/2 x 1 1/2"	PP79365	42.07
2 x 2"	PP79370	70.03
XL-C Copper Adapter		
2 1/2 x 2 1/2"	PP20819	165.77
3 x 3"	PP20829	271.48
4 x 4"	PP20839	349.81

Cap



SIZE	STOCK NO	EACH
Copper Cap		
1/2"	PP77712	6.06
3/4"	PP77717	10.40
1"	PP77722	16.01
1 1/4"	PP77727	18.42
1 1/2"	PP77732	28.56
2"	PP77737	34.71
XL-C Copper Cap		
2 1/2"	PP20833	101.46
3"	PP20843	128.43
4"	PP20848	149.72

Ball Valves

LEAD FREE

Cimberio Full Port Ball Valve

Press x Press



SIZE	STOCK NO	EACH
1/2"	C1220NL04	13.33
3/4"	C1220NL06	16.88
1"	C1220NL07	22.95
1 1/4"	C1220NL08	41.34
1 1/2"	C1220NL09	59.59
2"	C1220NL10	97.66
2 1/2"	C1220NLC1	219.34
3"	C1220NLC12	286.46
4"	C1220NLC14	496.54

LEAD FREE

Viiega ProPress ball valve

- For potable water installations
- Bronze
- Press connection
- Full port



SIZE	STOCK NO	EACH
Stainless Steel Ball & Stem		
1/2"	PP79923	38.43
3/4"	PP79928	45.32
1"	PP79933	59.40
1 1/4"	PP79938	110.33
1 1/2"	PP79943	174.02
2"	PP79948	250.97
Chrome-plated brass ball, lockable metal handle		
2 1/2"	PP78300	358.33
3"	PP78305	436.99
4"	PP78310	699.18

Rothenberg >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	1656.02
Compact Press Jaw Kit: 6 Pieces 1/4" - 7/8"	
COROJOJAWS	1547.17



Ball Valves

Gas Ball Valves

175 psi • AGA Approved

Flare x FIP

SIZE	STOCK NO	EACH
1/2"	AY1071212	9.32

FIP x FIP

SIZE	STOCK NO	EACH
1/2"	AY1071012	5.07
3/4"	AY1071034	7.41

Boiler Drain

“Full-Flo”

Boiler Drain

MIP x MH



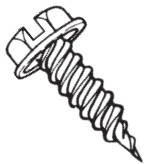
SIZE	STOCK NO	EACH
1/2"	12BD	7.76
3/4"	34BD	9.19

Gas Pipe Hangers

Gas Pipe Pipe Hangers

DESCRIPTION	STOCK NO	EACH
Single Hole	.GPH1S	.78
Double Hole	.GPH2	1.05

Screws



Malco “Zip-in”
Self-Drilling Screws

NO PER PACK	STOCK NO	EACH
12,000 Pack	HW812Z12M	299.52
1000 Pack	HW812Z	27.03
1000 Pack	HW834Z	35.15
500 Pack	HW81Z	22.15
250 Pack	HW8112Z	15.28
250 Pack	HW82Z	20.46



Zip-In® Screws in a Pail

NO. PER PAIL	STOCK NO	EACH
7,500 Pack	HW712ZP	183.76
7,000 Pack	HW812ZP	186.61



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 standard fasteners.

BOLT	STOCK NO	EACH
# 8 - 500 Pack		
3/4" (Slotted)	MABT233T	32.46
1" (Slotted)	MABT134T	33.30
# 8 - 1000 Pack		
1/2" (Slotted)	MABT231T	48.17

Tools



Plastic
Electrical Tape

SIZE	STOCK NO	EACH
3/4" x 60'	.ELTA	1.26



Brass Flared Fittings

Flare Male Elbow

No 49

O.D.	I.P.T.	STOCK NO	EACH
1/2	1/2	12X12CFMAL	5.12
5/8	1/2	58X12CFMAL	8.54



Male Adapter

No 48-F

O.D.	I.P.T.	STOCK NO	EACH
3/8	1/2	38X12CFMA	2.31
1/2	1/2	12X12CFMA	2.32
5/8	1/2	58X12CFMA	2.81



Female Connector

No. 46-F

O.D.	I.P.T.	STOCK NO	EACH
1/2	1/2	12X12CFFA	2.63
5/8	1/2	58X12CFFA	4.38



Refrigeration Flare Nut

No 141-S

TUBE O.D.	STOCK NO	EACH
3/8"	38CFRN	1.70
1/2"	12CFRN	2.09
5/8"	58CFRN	2.92

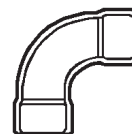


PVC Fittings



90° Elbow

SIZE	STOCK NO	EACH
2"	2PVDL	2.14
3"	3PVDL	6.32



Long Sweep 90° El

SIZE	STOCK NO	EACH
2"	2PVDLRL	3.53
3"	3PVDLRL	8.12



90° Street Elbow

HubxStreet

SIZE	STOCK NO	EACH
2"	2PVDSL	2.71
3"	3PVDSL	7.54



45° Elbow

HubxHub

SIZE	STOCK NO	EACH
2"	2PVD45L	1.99
3"	3PVD45L	5.65



45° Street Elbow

SpigotxHub

SIZE	STOCK NO	EACH
2"	2PVDS45L	2.04
3"	3PVDS45L	5.36



Coupling

SIZE	STOCK NO	EACH
2"	2PVDC	.87
3"	3PVDC	3.06
3 x 2"	3X2PVDC	4.44



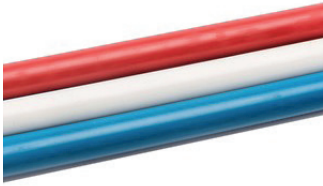
REHAU RAUPEX Tubing and Everloc+ Fittings

RAUPEX® UV Shield Pipe

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		
1/2" x 20'	235351021	6.44
1/2" x 300'	235351301	96.58
3/4" x 20'	235371021	11.21
3/4" x 300'	235371301	167.98
1" x 20'	235381021	22.73
1" x 100'	235381101	113.66
Red Pipe		
1/2" x 20'	235351022	6.44
1/2" x 300'	235351302	96.58
3/4" x 20'	235371022	11.21
3/4" x 300'	235371102	55.99
1" x 20'	235371302	167.98
1" x 100'	235381022	22.73
White Pipe		
1/2" x 20'	235351023	6.44
1/2" x 100'	235351113	32.19
1/2" x 300'	235351313	96.58
3/4" x 20'	235371023	11.21
3/4" x 100'	235371113	55.99
3/4" x 300'	235371313	167.98
1" x 20'	235381023	22.73
1" x 100'	235381113	113.66
1" x 300'	235381313	340.96
1 1/4" x 20'	132571023	52.54
1 1/2" x 20'	132581023	73.63
2" x 20'	132591023	126.28

Everloc+™ Sleeve PEXa Compression Sleeves



SIZE	STOCK NO	EACH
3/8"	104815001	.19
1/2"	104816001	.22
5/8"	104817001	.33
3/4"	104818001	.42
1"	104819001	.87
1 1/4"	104820001	.96
1 1/2"	104821001	1.28
2"	104822001	2.56



Everloc+™ Couplings

SIZE	MATERIAL	STOCK NO	EACH
Straight • PEXa Sleeves (Sold Separately)			
3/8" x 3/8"	LF Brass	317138001	2.18
1/2" x 1/2"	Polymer	104824001	1.25
5/8" x 5/8"	LF Brass	317142001	7.45
3/4" x 3/4"	Polymer	104825001	1.57
1" x 1"	Polymer	104826001	2.32
1 1/4" x 1 1/4"	Polymer	104827001	6.11
1 1/2" x 1 1/2"	Polymer	104828001	6.84
2" x 2"	Polymer	104829001	28.37
Reducing • PEXa Sleeves (Sold Separately)			
3/4" x 1/2"	Polymer	104830001	2.76
1" x 3/4"	Polymer	104831001	3.58
1 1/4" x 1"	Polymer	104832001	5.41
1 1/2" x 1"	Polymer	104833001	6.65
1 1/2" x 1 1/4"	LF Brass	422233001	91.29
2" x 1"	LF Brass	317139001	75.46
2" x 1 1/4"	LF Brass	317140001	93.48
2" x 1 1/2"	LF Brass	317141001	105.91



Everloc+™ Elbows

PEXa Sleeves (Sold Separately)

SIZE	MATERIAL	STOCK NO	EACH
1/2" x 1/2"	Polymer	104859001	1.56
5/8" x 5/8"	LF Brass	317163001	6.89
3/4" x 3/4"	Polymer	104860001	2.04
1" x 1"	Polymer	104861001	4.27
1 1/4" x 1 1/4"	Polymer	104862001	9.18
1 1/2" x 1 1/2"	Polymer	104863001	12.20
2" x 2"	Polymer	104864001	39.99

Everloc+™ Plugs

PEXa Sleeves (Sold Separately)

SIZE	MATERIAL	STOCK NO	EACH
1/2"	Polymer	104856001	1.03
5/8"	LF Brass	317157001	11.08
3/4"	Polymer	104857001	1.62
1"	Polymer	104858001	2.14
1 1/4"	LF Brass	317158001	10.21
1 1/2"	LF Brass	317159001	17.96
2"	LF Brass	317160001	28.18



Everloc+™ Polymer Tees



SIZE	STOCK NO	EACH
Straight • PEXa Sleeves (Sold Separately)		
1/2" x 1/2" x 1/2"	104835001	1.57
3/4" x 3/4" x 3/4"	104836001	2.65
1" x 1" x 1"	104837001	4.80
1 1/4" x 1 1/4" x 1 1/4"	104838001	10.96
1 1/2" x 1 1/2" x 1 1/2"	104839001	15.31
2" x 2" x 2"	104840001	49.27
Run Reducing • PEXa Sleeves (Sold Separately)		
3/4" x 1/2" x 3/4"	104841001	2.65
1" x 3/4" x 1"	104842001	5.79
Branch Reducing • PEXa Sleeves (Sold Separately)		
3/4" x 3/4" x 1/2"	104844001	2.14
1" x 1" x 1/2"	104846001	4.41
1" x 1" x 3/4"	104845001	4.85
1 1/4" x 1 1/4" x 1"	104847001	10.02
1 1/2" x 1 1/2" x 1"	104848001	13.44
2" x 2" x 1"	104849001	40.66
Branch/Run Reducing • Sleeves (Sold Separately)		
3/4" x 1/2" x 1/2"	104851001	2.56
1" x 3/4" x 3/4"	104852001	4.69
1 1/4" x 1" x 1"	104853001	9.72
Bullhead • PEXa Sleeves (Sold Separately)		
1/2" x 1/2" x 3/4"	104854001	5.22
3/4" x 3/4" x 1"	104855001	7.80



Everloc+™ Lead Free Brass Tees

SIZE	STOCK NO	EACH
Run Reducing • PEXa Sleeves (Sold Separately)		
1/4" x 1" x 1 1/4"	317143001	53.55
1/2" x 1" x 1 1/2"	317144001	70.60
1 1/2" x 1 1/4" x 1 1/2"	317145001	73.54
2" x 1 1/4" x 2"	317146001	164.41
2" x 1 1/2" x 2"	317147001	166.05
Branch Reducing • PEXa Sleeves (Sold Separately)		
1/2" x 1/2" x 1 1/4"	317149001	77.96
2" x 2" x 1 1/4"	317150001	166.15
2" x 2" x 1 1/2"	317151001	170.92
Branch/Run Reducing • Sleeves (Sold Separately)		
1/2" x 1" x 1"	317152001	64.55
1 1/2" x 1 1/4" x 1"	317153001	71.10
1 1/2" x 1 1/4" x 1 1/4"	317154001	72.43
2" x 1 1/2" x 1"	317156001	163.77
2" x 1 1/2" x 1 1/4"	317161001	166.96
2" x 1 1/2" x 1 1/2"	317155001	165.07



Everloc+™ Manifolds

SIZE	STOCK NO	EACH
Closed-end • PEXa Sleeves (Sold Separately)		
3/4" inlet x (4) 1/2" Outlets	104868001	10.35
Flow-through • PEXa Sleeves (Sold Separately)		
3/4" x 3/4" in x (3) 1/2" Outs	104870001	8.31
3/4" x 3/4" in x (4) 1/2" Outs	104871001	10.35
Elbow Flow-through • Sleeves (Sold Separately)		
3/4" x 3/4" in x (3) 1/2" Outs	104872001	23.00
3/4" x 3/4" in x (4) 1/2" Outs	104873001	22.71



REHAU RAUPEX Tubing and Everloc+ Fittings

Everloc+™ Adapters PEXa to MPT

Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
3/8" x 1/2" MPT	317174001	7.90
1/2" x 1/2" MPT	317171001	3.90
5/8" x 1/2" MPT	317175001	6.37
3/4" x 3/4" MPT	317172001	7.03
3/4" x 1" MPT	317177001	15.17
1" x 1" MPT	317178001	14.48
1 1/4" x 1 1/4" MPT	317179001	33.63
1 1/2" x 1 1/2" MPT	317180001	44.83
2" x 2" MPT	317181001	124.13



Everloc+™ Adapters PEXa to FPT

Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
1/2" x 1/2" FPT	317173001	8.03
3/4" x 3/4" FPT	317182001	9.02
1" x 1" FPT	317183001	19.57



Everloc+™ Adapters PEXa to Copper

Lead Free Brass • Sleeves (Sold Separately)

SIZE	STOCK NO	EACH
1/2" x 1/2" C Female	317184001	2.67
1/2" x 1/2" C Male or 3/8" C Fem.	317185001	2.71
3/4" x 3/4" C Male	317186001	5.75
3/4" x 3/4" C Female	317187001	6.11
3/4" x 1" C Female	317189001	12.20
1" x 1" C Male	317190001	11.03
1" x 1" C Female	317191001	10.11
1 1/4" x 1 1/4" C Male	317192001	24.40
1 1/4" x 1 1/4" C Female	317193001	27.54
1 1/2" x 1 1/2" C Male	317194001	40.05
1 1/2" x 1 1/2" C Female	317195001	42.17
2" x 2" C Male	317196001	111.92
2" x 2" C Female	317197001	111.92



Everloc+™ Closed-End Stub Out Ell

SIZE	STOCK NO	EACH
1/2" x 8"	418665001	13.07



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	9.16
1/2" x 1/2" C Female	317165001	10.55
3/4" x 3/4" C Male	317166001	23.10
3/4" x 3/4" C Female	317167001	23.10



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	10.55
1/2" x 1/2" (Drop Ear) FPT	317170001	10.55
3/4" x 3/4" MPT	317169001	23.10



Everloc+™ Ball Valves

SIZE	STOCK NO	EACH
Straight Ball Valves • Sleeves (Sold Separately)		
1/2" Everloc+ x 1/2" C Female	418433001	18.81
1/2" x 1/2" Everloc+	418435001	22.09
1/2" x 3/8" Everloc+	418437001	15.00
3/4" x 3/4" Everloc+	418434001	33.91
Angle Ball Valves • Sleeves (Sold Separately)		
Includes 3/8" compression nut and ferrule		
1/2" Everloc+ x 3/8" Comp	418438001	14.76



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	703.63
1/4", 1 1/2" & 2"	105733002	4226.31

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	2.32
3/4"	257249	4.29



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	2.84
3/4"	266227	3.84



Everloc+™ Expander Heads

Additional sizes for 105107003 Tool Kit

SIZE	STOCK NO	EACH
3/8"	105073001	90.17
5/8"	105075001	90.17



Everloc+™ Compression Jaws

Additional sizes for 105107003 Tool Kit

SIZE	STOCK NO	EACH
3/8"	105083001	215.09
5/8"	105087001	213.03





REHAU F1960 Cold-Expansion Fittings

F1960 PEX Rings



SIZE	STOCK NO	EACH
1/2"	499702001	.20
5/8"	499703001	.32
3/4"	499704001	.41
1"	499705001	.85
1 1/4"	499706001	.94
1 1/2"	499707001	1.24
2"	499708001	2.48



F1960 Couplings

SIZE	MATERIAL	STOCK NO	EACH
1/2"	Polymer	499709001	1.22
3/4"	Polymer	499710001	1.48
5/8"	LF Brass	499713001	4.21
1"	Polymer	499711001	2.20
1 1/4"	Polymer	499712001	5.84
1 1/2"	Polymer	499714001	6.70
2"	Polymer	499715001	27.18
Reducer Polymer Couplings			
3/4" x 1/2"	Polymer	499717001	2.62
1" x 3/4"	Polymer	499718001	3.39
1 1/4" x 3/4"	Polymer	499721001	4.95
1 1/4" x 1"	Polymer	499719001	5.18
1 1/2" x 1 1/4"	Polymer	499723001	6.45
2" x 1 1/2"	Polymer	499724001	21.27



F1960 Polymer Plugs

SIZE	STOCK NO	EACH
1/2"	499769001	.96
3/4"	499771001	1.53
1"	499772001	2.03
1 1/4"	499773001	9.88
1 1/2"	499774001	15.35
2"	499775001	17.33



F1960 Polymer Tees

SIZE	STOCK NO	EACH
1/2" x 1/2" x 1/2"	499728001	1.52
3/4" x 3/4" x 3/4"	499729001	2.51
1" x 1" x 1"	499730001	4.55
1 1/4" x 1 1/4" x 1 1/4"	499731001	10.50
1 1/2" x 1 1/2" x 1 1/2"	499732001	14.67
2" x 2" x 2"	499733001	47.22

Run Reducing Polymer Tees

3/4" x 1/2" x 3/4"	499734001	2.51
1" x 3/4" x 1"	499735001	5.47

Branch Reducing Polymer Tees

3/4" x 3/4" x 1/2"	499739001	2.03
1" x 1" x 1/2"	499741001	4.17
1" x 1" x 3/4"	499740001	4.59
1 1/4" x 1 1/4" x 1"	499742001	9.60
1 1/2" x 1 1/2" x 3/4"	499753001	12.51
1 1/2" x 1 1/2" x 1"	499746001	12.88
1 1/2" x 1 1/2" x 1 1/4"	499747001	13.25
2" x 2" x 1 1/4"	499748001	41.15
2" x 2" x 1 1/2"	499749001	45.75

Branch/Run Reducing Polymer Tees

3/4" x 1/2" x 1/2"	499754001	2.42
1" x 3/4" x 3/4"	499755001	4.43

Bullhead Polymer Tees

1/2" x 1/2" x 3/4"	499767001	4.94
3/4" x 3/4" x 1"	499768001	7.38



F1960 Polymer Multi-port Tees

SIZE	STOCK NO	EACH
Closed-End		
3/4" inlet x (3) 1/2" Outlets	499826001	6.84
3/4" inlet x (4) 1/2" Outlets	499827001	9.91
3/4" inlet x (6) 1/2" Outlets	499828001	11.62
Flow-Through		
3/4" inlets x (2) 1/2" Outlets	499831001	5.90
3/4" inlets x (3) 1/2" Outlets	499832001	7.95
3/4" inlets x (4) 1/2" Outlets	499833001	9.91

F1960 Connections for PRO-BALANCE Manifolds



SIZE	STOCK NO	EACH
PEX to R-20 Nickel Plated Manifold Outlet		
1/2"	499662001	20.48
5/8"	499663001	24.39
3/4"	499664001	38.36

F1960 Elbows



SIZE	STOCK NO	EACH
Polymer PEX to PEX		
1/2" x 1/2"	499776001	1.49
3/4" x 1/2"	490318001	1.71
3/4" x 3/4"	499777001	1.94
1" x 1"	499778001	4.04
1 1/4" x 1 1/4"	499779001	8.80
1 1/2" x 1 1/2"	499780001	11.69
2" x 2"	499781001	38.33
LF Brass PEX to Copper Elbows		
3/4" x 3/4" C Male	499784001	22.37
3/4" x 3/4" C Female	499785001	22.37
LF Brass PEX to FTP Drop Ear Elbows		
1/2" x 1/2"	499789001	10.22
3/4" x 3/4"	499787001	22.46



F1960 Brass Adapters

SIZE	STOCK NO	EACH
PEX to Copper Male		
1/2" x 1/2"	499795001	2.52
1/2" x 3/4"	499790001	5.27
3/4" x 1/2"	499792001	10.80
3/4" x 3/4"	499796001	5.57
3/4" x 1"	499791001	11.67
1" x 1"	499799001	10.69
1 1/4" x 1 1/4"	499801001	23.64
1 1/2" x 1 1/2"	499803001	38.80
2" x 2"	499805001	108.43
PEX to Copper Female		
1/2" x 1/2"	499794001	2.60
1/2" x 3/4"	499793001	5.33
3/4" x 3/4"	499797001	5.92
3/4" x 1"	499798001	11.82
1" x 1"	499800001	9.79
1 1/4" x 1 1/4"	499802001	26.68
1 1/2" x 1 1/2"	499804001	40.85
2" x 2"	499806001	108.43
PEX to MPT		
1/2" x 1/2"	499807001	3.77
1/2" x 3/4"	499810001	9.88
3/4" x 3/4"	499808001	6.81
3/4" x 1"	499814001	14.69
1" x 3/4"	499809001	14.77
1" x 1"	499815001	14.03
1 1/4" x 1 1/4"	499816001	32.58
1 1/2" x 1 1/2"	499817001	43.42
2" x 2"	499818001	120.24
PEX to FPT		
1/2" x 1/2"	499821001	7.79
1/2" x 3/4"	499819001	13.00
3/4" x 3/4"	499822001	8.74
3/4" x 1"	499820001	27.70
1" x 1"	499823001	18.96
1 1/4" x 1 1/4"	499863001	34.63
1 1/2" x 1 1/2"	499864001	75.02
2" x 2"	499866001	153.66



CPS Products

Wireless Solenoid Valve

The SVW is a compact, battery-operated Wireless Solenoid Valve with IN and OUT 1/4" SAE male ports designed to quickly open or close, thereby precisely metering a gas or liquid flowing through connected hoses.

STOCK NO	EACH
CPSSVW	99.43



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	112.98



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	134.82



Gear Puller & Pulley Remover

O.D. CAPACITY	STOCK NO	EACH
3" - 4" gripping	CPSBTLGP4	48.88
3" - 7" gripping	CPSBTLGP7	91.23



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	144.14



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	265.29

Replacement vapor filter sensing tip CPSLS2XVF	11.21
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Replacement sensor filters CPSLS2XF	5.07
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E_MOS technology sensor CPSEMOS2	31.79
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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	236.44



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	28.67
Large Rubber Bottom	CPSTLBAG2	44.39



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	85.12
18" to 64" telescopic extension pole CPSEXP64	28.27



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
CPSABMHOD	323.04



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	7.86
Imperial (Blue)	CPSTLSWH	7.86



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 1/8" to 1/4"
- Tube Flaring Tool
- Deburring Tool with extra blade
- R410A Flare Size Gauge
- BTLDTW digital torque wrench

STOCK NO	EACH
CPSTLB410KIT2	845.18





CPS Products

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	177.99



Digital Torque Wrench

- Ensures OEM torque setting compliance
- Ideal for HVAC mini-split installations
- Jaw opening: 3/16" to 1 1/16" (5 to 35mm)
- Torque settings: Lbf.ft, Lbf.in, N-m, Kgf.m

SIZE	STOCK NO	EACH
3/16" - 1 1/16"	CPSBTLDTW	158.94



AVT48

1/4" SAE M x 1/4" SAE female knurl x 1/2" ACME M

STOCK NO	EACH
CPSAVT48	6.46



Valve Cores

STOCK NO		EACH
CPSAVS1	(Less SAE Brass Cap)	5.18
CPSAVS1V	(With SAE Brass Cap)	5.84



1/4" SAE Brass Cap

STOCK NO	EACH
CPSAVC4	6.15



Copper Tube Extension Valves

O.D.	I.D.	STOCK NO	EACH
1/4"	3/16"	CPSAV4	15.36
5/16"	1/4"	CPSAV5	17.69



Adapters

MALE SIZE	FEMALE SIZE	STOCK NO	EACH
1/4" SAE	5/16" SAE	CPSAD87	4.62
1/4" SAE	5/16" SAE (Swivel)	CPSAD87S	5.65

Left hand thread

1/4" SAE	1/4" SAE	CPSAD44LH	6.41
1/4" SAE	1/4" SAE (Swivel)	CPSAD44LHS	7.92



Microseal Quick Couplers

SIZE (FEMALE X MALE)	STOCK NO	EACH
1/4" (90°) x 1/4" SAE	CPSAB90	12.05
5/16" x 1/4" SAE Straight	CPSAB410A	11.15
5/16" (90°) x 1/4" SAE	CPSAB41090A	12.05



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"	CPSBFT850	120.90



Large Diameter Tubing Cutter

SIZE	STOCK NO	EACH
1/4" - 1 1/4"	CPSBTC400	36.14
1/8" - 1 5/8"	CPSBTC350	33.54



Mini Tubing Cutters

O.D. CAPACITY	STOCK NO	EACH
1/8" - 7/8"	CPSBTC200	18.11
1/8" - 5/8"	CPSBTC100	13.58



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	23.16



Ratcheting Tube Cutter

SIZE	STOCK NO	EACH
1/8" - 7/8"	CPSBTC200R	26.27



Flaring Tool Kit

- BFT850 Flaring Tool
- FTXSG Reversible R410A Flare Size Gauge:
- Aluminum body, 1/4", 5/8", 1/2", 5/8", 3/4"
- BTLDB3 Premium Tube Cutter
- Flaring Block Packaging: Color Box

STOCK NO	EACH
CPSBFT850K	194.28



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	344.63



Tech Set 6-in-1 Swaging Punch

STOCK NO	EACH
CPSTLMSP	9.48



Flare Sizing Gauge

STOCK NO	EACH
CPSFTXSG	22.06



Deburrers

- Solid aluminum handle
- For soft copper and aluminum tube
- Includes (2) spare blades in handle

STOCK NO	EACH
CPSBTLDB3	9.37



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	12.23





CPS Products

6 – Sided Fin Comb

STOCK NO	EACH
CPSTLFC6	7.02



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	26.56

Valve Core Remover/Installer Tool

With 1/4" Male Side Port



SIZE	STOCK NO	EACH
5/16" FM x 1/4" SAE Male	CPSTLVC410A	26.94

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	972.57

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	595.31

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	174.77

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" Ext. Set of 3	6"	CPSHTE	57.26

PACKAGE	STOCK NO	EACH
Hose 1/4" SAE Neoprene Gaskets 10 Pack	CPSHXG	4.64

PACKAGE	STOCK NO	EACH
Hose 1/4" SAE Neoprene Gaskets & Core Depressors 10 Pack	CPSHXGD	6.72

Black and Chrome Premium Hoses

Set of three premium chromed ball valve barrier charging hoses



LENGTH	STOCK NO	EACH
60"	CPSHP5BKEZ3	108.95

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	445.50
6 CFM	CPSVPBM6V	476.44

Pro-Set® Premium Vacuum Pump Oil

CAPACITY	STOCK NO	EACH
1 Pint	CPSVPOP12	4.55
1 Gallon	CPSVPOG6	24.24

Jumper Cord Kit

This 220 VAC jumper power cord can be used for locations where 110 voltage is not available.

STOCK NO	EACH
CPSVPXJ220	34.36

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	191.90

Piston Series Vortech 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	291.77

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	43.85

Hose 3/8" SAE Neoprene Gasket	STOCK NO	EACH
CPSHX38G		15.76



Malco Tools



CONNEXT Quick Change Handles

With hollow shaft

Handles accept any 1/4" power insert shank including Malco Hollow Head Chuck Drivers, Magnetic Hex Chuck Drivers.

GRIP LENGTH	STOCK NO	EACH
4 1/8"	MACONNEXT1	8.77
1 7/8"	MACONNEXT2	7.79
4 1/8"	MACONNEXT3	10.32

Power Bit Extension

Ball bearing on holder provides a positive lock on 1/4" hex shank power bits. Tempered steel. Black finish.

HEX OPENING	O/A LENGTH	STOCK NO	EACH
1/4"	6"	MABHE6	14.63
1/4"	10"	MABHE10	16.16

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
1/4"	1/4"	MAMSH14	4.14
5/16"	1/4"	MAMSH516	5.02
3/8"	1/4"	MAMSH38	6.38
1/4"	1/4"	MAMSHL14	6.30
5/16"	1/4"	MAMSHL516	7.30
3/8"	1/4"	MAMSHL38	8.51
7/16"	1/4"	MAMSHL716	10.11
1/4"	1/4"	MAMSHXL14	12.78
5/16"	1/4"	MAMSHXL516	15.00
3/8"	1/4"	MAMSHXL38	11.79

Double Ender Polished Drills

TWIST LGTH	STOCK NO	EACH
1/2"	MADE18	2.15
1/2"	MADE30	2.15



Hole Saw

For all types of wood

VENT SIZE	STOCK NO	EACH
1/4"	MAHSRD	24.57

Replacement Pilot Bit

1/4"	MAHSRD	24.57
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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
1/4" & 5/16"	2"	MAMSHC	5.72
1/4" & 5/16"	4"	MAMSHMLC	12.38
1/4" & 5/16"	6"	MAMSHXLC	17.89
3/8" & 5/16"	2"	MAMSHC1	6.61

4 in 1 Multi-Socket Driver

Pocket size telescoping hex driver shafts. 1/4", 5/16", 3/8", 7/16" hex sizes.

STOCK NO	EACH
MA4IN1	15.65



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	63.76



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	117.62



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	138.29



TurboCrimper Impact

Installs into drill 1/4" Chuck. Crimp 30 to 24 gauge galvanized round duct. Five times faster than manual crimping.

STOCK NO	EACH
MAC5A2	156.16



Gold Standard Hole Cutter

Quickly installs into chuck of drill as small as 1/4". Adjustable fo 2" to 12" diameter holes in up to 20-gauge sheet metal.

STOCK NO	EACH
MAHC1	76.67
Replacement Bit	
MACB	12.98
Replacement Pivot Pin & Nut	
MAHC1B	10.71



Malco Tools



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
3 1/2"	MAM14	41.96



Combination Snips

(Straight, Left, Right)

Cuts circles down to 6" - Beveled for pattern cuts

LENGTH OF CUT	STOCK NO	EACH
3 1/2"	MAMC14	47.04



Ultra Lightweight Combination Snips

10" polymer frame with 3" blades cuts up 26 guage

LENGTH OF CUT	STOCK NO	EACH
3"	MAULC10	33.73



Max2000 Aviation Snips

With Classic Grip handles.

CUT	STOCK NO	EACH
Left	MAMAXCG1	35.27
Right	MAMAXCG2	35.27
Straight	MAMAXCG3	35.27



Max2000 Bulldog Aviation Snips

Designed for bulldog notching and trimming.

STOCK NO	EACH
MAMAXCG5	37.04



Max2000 Offset Aviation Snips

Cutting plane is offset for superior material flow.

CUT	STOCK NO	EACH
Left cut	MAMAXCG6	42.88
Right cut	MAMAXCG7	42.88



Mini Aviation Snips

Compact & lightweight snips for challenging spots.

CUT	STOCK NO	EACH
Left cut	MAAVM6EV	16.10
Right cut	MAAVM7EV	16.10

Blade Refill

For Malco utility knife. 5 pack double point blades.

STOCK NO	EACH
MAKBH5	2.85



Replacement Blades

For Malco break-away knife.

STOCK NO	EACH
MABAKRB	6.65



T-Handle Hex Key Set

With vinyl grips, 6" long in reusable vinyl pouch.

8 pieces

LENGTH	STOCK NO	EACH
3/32" — 1/4"	MAWT6GS	39.66





Miscellaneous Tools and Specialties

LA-CO Hand Towels

Tub of big pre-moistened hand-cleaning towels.



STOCK NO	EACH
TUBTOL	12.44

General Purpose Towels

200 per Box.



STOCK NO	EACH
TOWINBOX	14.72

Pastel Knit Rags

10lb. Box.

STOCK NO	EACH
RAINBOX	14.00

Torch Kits & Accessories

Swivel Hand Torch

STK-9	EACH
TSTK9	109.81



Swivel Hand Torch

STK-99	EACH
TSTK99	134.56



Self-Igniting Hand Torch

X-503	EACH
TX503	136.70
Replacement Tip	
T503	62.49

X-503 SPECIFICATIONS		
Copper Tubing		
Use with	Soft Solder	Brazing
Propane	1/8 - 2"	1/8 - 3/4"
MPP	Soft Solder	Brazing
	1/8 - 3"	1/16 - 1"



Self-Igniting Hand Torch

X-504	EACH
TX504	151.65
Replacement Tip	
T504	81.25

X-504 SPECIFICATIONS		
Copper Tubing		
Use with	Soft Solder	Brazing
Propane	3/4 - 3"	1/4 - 1"
MPP	Soft Solder	Brazing
	3/4 - 4"	1/4 - 1 1/4"



PL-5A Self-Igniting Acetylene Gas Torch

STOCK NO	EACH
TPL5A	159.48



Mobile Torch Kit

1/2" SI Swivel Flame Tip.	EACH
TPLDLXPT	364.95

Propane Tank

14.1 oz. Disposable Tank	EACH
PROTANK	12.45



MAPP-PRO Gas Tank

14.1 oz. Disposable Tank	EACH
MAPPTANK	16.31





Torch Kits & Accessories

Air Propane MAPP Kit

LP-2

- Piston Regulator
- GAUGE GUARD
- 12.5' Hose
- TT3 3/8" & LP5 3/4" Swirl Flame Tips

STOCK NO	EACH
TLP2	476.14



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	462.04



Air Acetylene Kit

X-5MC

- AR-MC Regulator
- G-4 Handle
- Soft Solders to 1 1/2"
- Silver brazes to 3/4"
- MC Tank Connection
- AH-12 Hose
- A-5 Tip

STOCK NO	EACH
TX5MC	407.91



Air Acetylene Torch Kit

X-4B

- AR-B Regulator
- G-4 Handle
- Soft Solders to 3 1/2"
- Silver brazes to 2"
- B Tank Connection
- AH-12 Hose
- A-5 & A-14 Tip

DESCRIPTION	STOCK NO	EACH
A5 - 1/4 AIR	TX4B	478.48



Air Acetylene Torch Kit

X-3B

- AR-B Regulator
- G-4 Handle
- Soft Solders to 3"
- Silver brazes to 2 5/8"
- B Tank Connection
- AH-12 Hose
- A-3 & A-11 Tip

DESCRIPTION	STOCK NO	EACH
A3 - 3/16 AIR	TX3B	460.76



Swirl Flame Tips

Propane/MAPP Swirl Flame tip.

SIZE OF FLAME	STOCK NO	EACH
T3 3/8"	TT3	119.81
T4 1/2"	TT4	143.91



Handle with Adjustable Valve

AH4 Torch Handle

Comfortable grip with on/off valve and quick connect. "A" Size fittings 3/8".

STOCK NO	EACH
TAH4	123.61



Torch Handle

With Valve • For Acetylene

STOCK NO	EACH
TG4	115.18



Acetylene Hose

AH12 Hose

Metal strain relief keeps hose from kinking at fittings. "A" Size fittings 3/8".

SIZE	STOCK NO	EACH
12.5'	TAH12	73.54

"MC" Regulator

STOCK NO	EACH
TARMC	176.58

"B" Regulator

STOCK NO	EACH
TARB	148.09



"B" to "MC" Adapter

STOCK NO	EACH
TMCT	88.89



Acetylene Tips

Swirl Flame Tip.

SIZE	STOCK NO	EACH
A-3 3/16"	TA3	94.87
A-5 1/4"	TA5	111.38
A-8 5/16"	TA8	124.04
A-11 7/16"	TA11	129.10
A-14 1/2"	TA14	159.81
A-32 5/8"	TA32	228.96

Striker

MODEL	STOCK NO	EACH
Single flint, cup type, round file. Striker.		
L-1	TTL1	6.33
Box of five flints		
F-1	TTF1	5.06





Test & Measurement Instruments

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.....	300.22



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.....	1802.85



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.....	1625.00



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.....	604.89



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 1/4" hygrometer probe
- Narrow pipe clamp jaw
- Requires FREE App "UEi HUB" (iOS/Android)

STOCK NO	EACH
HUB6.....	706.36



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.....	208.49



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.....	377.48



Refrigerant Leak Detector

Detects Industry Standard Refrigerants

STOCK NO	EACH
RLD15.....	364.16





Test & Measurement Instruments

Electronic Manometer

Dual Input • Differential Pressure
1 Year Limited Warranty

STOCK NO	EACH
EM700	164.51



Dual Input • Hi-Res
1 Year Limited Warranty

STOCK NO	EACH
EM720	176.44

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	226.23



Carbon Monoxide Detectors

Detect CO to 1 ppm
Reads up to 999 ppm CO
3-color warning light & Audible alert

STOCK NO	EACH
CO71A	214.48



Digital Psychrometer

Measures: Temperature
Relative Humidity
Calculates: Wet Bulb, Dew Point,
Enthalpy, Min / Max, & Data Hold

STOCK NO	EACH
DTH35	103.54



In-Duct Anemometer Psychrometer

Measures: Air velocity, temperature, RH%
Calculates: Air volume, wet bulb, dew point

STOCK NO	EACH
DAFM4	430.01



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	69.94



Digital Pocket Thermometers

STOCK NO	EACH
----------	------

Temp range -58°-572°F
550B.....29.48

Folding • Temp range -58°-572°F
PDT650.....27.97



Apollo II Thermometer

Dual Input • Temp range:
-346°-2192°F (J) / -328°-2498°F (K)

STOCK NO	EACH
DT302	185.56



Accessories

Test Lead Kit

1 Year Limited Warranty

STOCK NO	EACH
ATL301KIT	56.97



Test Leads

For Use with DL429 & DL389B.

TYPE	STOCK NO	EACH
Standard	ATL55	17.92
Back Probe Kit	ATLBPK	38.84



K-Type Temperature Probes

Used with C155, DL389B, & Infrared thermometers

TYPE	STOCK NO	EACH
Fiberglass Coated	ATT29	30.89
Fluoroplastic Coated	ATT29A	31.48



Accessories

Pipe Clamp Probe

Used with DL389B, DL599 & C161

STOCK NO	EACH
ATTPC4	52.22



AF10 Fuse

.6 Amp • .5 OHM • 3-Pack

Used with M110A

STOCK NO	EACH
AF10	11.48



AF39 Fuse

11 Amp • 100v

Used with DM393

STOCK NO	EACH
AF39	17.92



AF38 Fuse

440 Millamperes • 1000v

Used with DM393

STOCK NO	EACH
AF38	18.88



Thermal Paper

Replacement for C155KIT/C85K
Combustion Analyzer

STOCK NO	EACH
16646	12.97



Partical Filter

Replacement for C155KIT/C85KIT
Combustion Analyzer

STOCK NO	EACH
17631	10.08



Flue Probe

Replacement for C155KIT/C85KIT
Combustion Analyzer

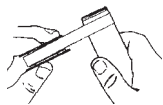
STOCK NO	EACH
KMCP2	238.53





General Purpose Sealants

"Teflon" Pipe Thread Sealant Tape



SIZE	STOCK NO	EACH
1/2 x 520"	12TETA	.49
3/4 x 520"	34TETA	1.13

Blue Monster

Thread sealing compounds.



SIZE	STOCK NO	EACH
WITH PTFE		
1/4 pt.	MI76001	7.98
1/2 pt.	MI76003	12.44
WITH-OUT PTFE		
1/4 pt.	MI76009	7.22
1/2 pt.	MI76011	11.38

Blue Monster

Nickel Anti-Seize Lubricant



SIZE	STOCK NO	EACH
1/2 Pint	MI76020	24.20
1 Pint	MI76022	42.62

Blue Monster

PTFE Thread Sealing Tape



SIZE	STOCK NO	EACH
1/2" x 1429"	MI70885	3.28
3/4" x 1429"	MI70886	4.47

Mill-Rose Clean-Fit

Stainless Steel Thread Sealing Tape



SIZE	STOCK NO	EACH
1/2" x 260'	MI70891	6.63
3/4" x 260'	MI70892	9.94

Blue Monster

Compression Seal Tape

Stops problem leaks under pressure without turning off the water source.



SIZE	STOCK NO	EACH
1" x 12'	MI76085	33.47

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	10.61
8 oz.	12PT5RESE	15.76
Pint	PT5RESE	24.81

Pipe Joint Compounds

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	29.67

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	16.62
Pint	PTTP2RESE	26.36

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	26.79

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	14.16
Quart.	QTWHSE	41.52

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	12.76
Pint.	PTMELO	20.62

Grip 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	17.40



Boiler and Furnace Chemicals

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	47.51
2.6 Gallon	F62710	314.43
5 Gallon	F62225	281.18

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	11.28

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	3.33

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	12.17

Axiom Cleaners

DESCRIPTION	STOCK NO	PRICE
2-Part, Aluminum Boiler Combustion Side Cleaner.	AXCF9AL	106.28
Combustion Side Cleaner for Condensing Heat Exchangers	AXF9FSTEEL	58.23



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	12.17

pH Calibration Fluid

DESCRIPTION	STOCK NO	EACH
pH10.	HI7010	23.87



Portable Glycol Refractometer

Fastest and easiest method for ensuring accurate ethylene and propylene glycol levels.



DESCRIPTION	STOCK NO	EACH
2° Resolve	RF40	132.83

Digital pH Tester

DESCRIPTION	STOCK NO	EACH
pH Tester	HI98127	118.94





Boiler and Furnace Chemicals

pH Boost/pH Down

Water treatment compound for raising or lowering pH of water and glycol fluids.



STOCK NO	EACH
PHBOOST	25.72
PHDOWN	50.64

BoilerGard™ 1202

A high performance, non-toxic corrosion and scale control additive for water and glycol/water fluids



STOCK NO	EACH
BOILERGARD1202	39.27

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. Environmentally friendly.



SIZE	STOCK NO	EACH
1 Gallon	.922	51.95

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 environmentally friendly



SIZE	STOCK NO	EACH
1 Gallon	.9100	41.37

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	45.47

Scale-X™ Descaling Kit

Safe to Handle, Environmentally Friendly and Biodegradable.

- 2 - 5' Hoses
- 1 - 5 Gallon Pail
- 1 - Instruction Card
- 2 - 32oz Bottles of Scale-X™ Descaler
- 1 - 1/6 HP 1300 GPH Submersible Pump



DESCRIPTION	STOCK NO	EACH
Complete Kit	SKKIT	120.22
Gallon refill	SKALEX	21.94

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	158.58
55 Gal.	RHOGARDULTRA55	1614.30

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	161.70
5 Gal	ENVIROGARDULTRA5	158.33
55 Gal	ENVIROGARDULTRA55	1611.56



Fernox Central Heating

DESCRIPTION	STOCK NO	EACH
Protector F1 Express		
F1 • 400ml	F62673	45.31
F1 • 2.6 Gallons	F62561	278.42
Heating Cleaner F3 Express		
F3 • 400ml	F62675	45.32
F3 • 2.6 Gallons	F62562	278.42
Leak Sealer F4 Express		
F4 • 400ml	F62438	34.48



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	74.48

Straight Barb Adapter

Poly Hose Fitting works with Fernox Cans

SIZE	STOCK NO	EACH
3/4" FHT x 1/4" Barb	SC938	2.73



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	162.09
55 Gallon	F155738055	1703.78
Premix 35%		
5 Gallon	F244338005	92.82
55 Gallon	F244338055	959.49

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	F62478	60.44



**GOODIN
COMPANY**

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Plumbing • HVAC • Pipe • Valves • Fittings • Water Well • Industrial Supplies

