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Ducane Equipment

TRUST IN A HALF-CENTURY OF DUCANE QUALITY



(AND ENJOY A PROFITABLE FUTURE)



We've been building dependable, durable and efficient Ducane heating and cooling products for over 50 years. That's why we're recognized as one of the top manufacturers in the industry with products that balance quality, value, comfort and performance. When you offer Ducane, you will enjoy:

- Long lasting components and durable construction that provide years of trouble-free service
- Simple installation and maintenance to reduce your service time
- Energy-efficient engineering to reduce your customers' utility bills,* while no-hassle warranties provide peace of mind

*Actual cost savings may vary depending on personal lifestyle, system settings, equipment maintenance, local climate, actual construction, installation of equipment and duct system, hours of operation and local utility rates.

Ducane™
AIR CONDITIONING AND HEATING
The difference is Quality

American Ducane Made

990 Main Street • Blackville, South Carolina, 29817 • www.ducanehvac.com

NATE

Heating & Cooling Equipment

Air Conditioners



- Durable compressors with internal pressure relief valves and inherent thermal protection
- High-quality condenser coil with copper tubing & enhanced louvered fin for maximum heat transfer capacity
- Hinged control panel allows simple access to internal components
- Easy access to electrical panels, pre-wired for easy hook-up
- 45° Service valves for easy hook-up and service
- Top discharge
- Liquid line filter drier protects every unit
- Charged for 15' of line-set
- All units ETL, ETLC approved and ARI listed
- 5-Year limited warranty on compressor and parts on R-22 Units
- 10-Year limited warranty on compressor and parts on R-410A Units

R-22 - 13.0 SEER Air Conditioners

Single Phase - Louvered Panel

Part #	Tons	Airflow SCFM	Net Capacity BTUH	Sound dBa	Electrical	Dimensions HxWxL	Lineset Liquid x Vapor	Price
2AC13L18	1.5	550	17,000	77	208-230/60/1	25" x 22-1/2" x 22-1/2"	3/8" x 3/4"	1238.00
2AC13L24	2.0	750	23,200	77	208-230/60/1	29" x 22-1/2" x 22-1/2"	3/8" x 3/4"	1318.00
2AC13L30	2.5	900	29,000	80	208-230/60/1	29" x 30" x 30"	3/8" x 3/4"	1418.00
2AC13L36	3.0	1060	34,600	80	208-230/60/1	33" x 30" x 30"	3/8" x 3/4"	1618.00
2AC13L42	3.5	1250	40,000	78	208-230/60/1	37-1/2" x 30" x 30"	3/8" x 7/8"	1738.00
2AC13L48	4.0	1600	46,000	80	208-230/60/1	29-1/2" x 30" x 30"	3/8" x 7/8"	1838.00
2AC13L60	5.0	1800	54,000	80	208-230/60/1	33-1/2" x 30" x 30"	3/8" x 1-1/8"	2198.00
3 Phase - Wire Guard Coil								
2AC13B36T	3.0	1050	35,200	80	208-230/60/3	33" x 30" x 30"	3/8" x 3/4"	1738.00
2AC13B48T	4.0	1500	47,500	80	208-230/60/3	29-1/2" x 30" x 30"	3/8" x 7/8"	1938.00
2AC13B60T	5.0	2000	57,000	80	208-230/60/3	33-1/2" x 30" x 30"	3/8" x 1-1/8"	2358.00

R-22 - 14.0 SEER Air Conditioners

Single Phase - Louvered Panel

Part #	Tons	Airflow SCFM	Net Capacity BTUH	Sound dBa	Electrical	Dimensions HxWxL	Lineset Liquid x Vapor	Price
2AC14L18	1.5	650	19,000	80	208-230/60/1	25-1/2" x 30" x 30"	3/8" x 3/4"	1438.00
2AC14L24	2.0	850	23,600	80	208/230/60/1	25-1/2" x 30" x 30"	3/8" x 3/4"	1518.00
2AC14L30	2.5	1050	28,600	79	208-230/60/1	33-1/2" x 30" x 30"	3/8" x 3/4"	1638.00
2AC14L36	3.0	1250	34,600	80	208-230/60/1	33-1/2" x 30" x 30"	3/8" x 3/4"	1878.00
2AC14L42	3.5	1450	40,000	76	208-230/60/1	41-1/2" x 30" x 30"	3/8" x 7/8"	2038.00
2AC14L48	4.0	1650	48,000	78	208-230/60/1	41-1/2" x 30" x 30"	3/8" x 7/8"	2178.00
2AC14L60	5.0	1950	53,500	80	208-230/60/1	41-1/2" x 30" x 30"	3/8" x 1-1/8"	2598.00

R-410A - 13.0 SEER Air Conditioners

Single Phase - Louvered Panel

Part #	Tons	Airflow SCFM	Net Capacity BTUH	Sound dBa	Electrical	Dimensions HxWxL	Lineset Liquid x Vapor	Price
4AC13L18P	1.5	600	18,100	76	208-230/60/1	25" x 22-1/2" x 22-1/2"	3/8" x 3/4"	1298.00
4AC13L24P	2.0	750	23,400	76	208-230/60/1	25" x 22-1/2" x 22-1/2"	3/8" x 3/4"	1398.00
4AC13L30P	2.5	1000	28,000	78	208-230/60/1	25" x 30" x 30"	3/8" x 3/4"	1498.00
4AC13L36P	3.0	1200	34,000	76	208-230/60/1	29" x 30" x 30"	3/8" x 3/4"	1718.00
4AC13L42P	3.5	1400	39,500	78	208-230/60/1	37" x 30" x 30"	3/8" x 7/8"	1818.00
4AC13L48P	4.0	1500	47,500	80	208-230/60/1	29" x 30" x 30"	3/8" x 7/8"	1958.00
4AC13L60P	5.0	1750	56,000	80	208-230/60/1	33" x 30" x 30"	3/8" x 1-1/8"	2338.00

Heat Pumps

- High-quality condenser coil with copper tubing & enhanced louvered fin for maximum heat transfer capacity
- Top discharge
- Easy access to electrical panels, pre-wired for easy hook-up
- Hinged control panel allows simple access to internal components
- Bi-directional liquid line filter drier factory installed
- Discharge muffler for quiet operation
- Reliable, solid state time/temperature defrost control, with field selectable 30/60/90 minute intervals
- Integrated defrost control with LED diagnostics and is Quiet Shift™ capable to reduce noise
- Low pressure switch
- Short cycle protection factory installed
- Charged for 15' of interconnecting tubing
- Heavy gauge, beige, pre-painted cabinet
- All units ETL, ETLC approved and ARI listed
- 5-Year limited warranty on compressor and parts on R-22 Units
- 10-Year limited warranty on compressor and parts on R-410A Units



R-22 - 13 SEER Heat Pumps - 7.7 HSPF

Single Phase - Louvered Panel - 208/230-60-1

- Durable scroll compressors with internal pressure relief valves and inherent thermal protection

Part #	Tons	Airflow CFM	ARI Cooling Capacity BTUH	Net Heating Capacity BTUH @ 47°	Sound dba	Dimensions HxWxL	Price
2HP13L18	1.5	650	19,000	18,000	79	33-3/4" x 30" x 30"	1698.00
2HP13L24	2.0	850	24,400	22,600	80	33-3/4" x 30" x 30"	1718.00
2HP13L30	2.5	1085	29,000	25,800	76	37-3/4" x 30" x 30"	1958.00
2HP13L36	3.0	1250	35,100	35,000	78	25-3/4" x 30" x 30"	2118.00
2HP13L42	3.5	1450	40,000	38,000	76	25-3/4" x 30" x 30"	2218.00
2HP13L48	4.0	1650	46,000	45,000	77	37-3/4" x 30" x 30"	2458.00
2HP13L60	5.0	1950	56,000	54,000	76	41-3/4" x 30" x 30"	2918.00

Heating & Cooling Equipment

R-22 - 14 SEER Heat Pumps - 7.7 & 8.2 HSPF

Single Phase - Louvered Panel - 208/230-60-1

- Durable scroll compressors with internal pressure relief valves and inherent thermal protection

Part #	Tons	Airflow CFM	ARI Cooling Capacity BTUH	Net Heating Capacity BTUH @ 47°	Sound dba	Dimensions HxWxL	Price
2HP14L18	1.5	650	19,000	17,300	78	25-1/2" x 30-3/4" x 30-3/4"	1938.00
2HP14L24	2.0	850	25,000	22,400	79	25-1/2" x 30-3/4" x 30-3/4"	1998.00
2HP14L30	2.5	1050	29,000	26,000	79	29-1/2" x 30-3/4" x 30-3/4"	2238.00
2HP14L36	3.0	1250	35,000	33,000	79	29-1/2" x 30-3/4" x 30-3/4"	2438.00
2HP14L42	3.5	1450	41,000	37,500	78	41-1/2" x 30-3/4" x 30-3/4"	2598.00
2HP14L48	4.0	1700	47,000	45,500	78	41-1/2" x 30-3/4" x 30-3/4"	3018.00

R-410A - 13 SEER Heat Pumps - 7.7 HSPF

Single Phase - Louvered Panel - 208/230-60-1

Part #	Tons	Airflow CFM	ARI Cooling Capacity BTUH	Net Heating Capacity BTUH @ 47°	Sound dba	Dimensions HxWxL	Price
4HP13L18P	1.5	650	18,000	16,800	77	34" x 30" x 30"	1798.00
4HP13L24P	2.0	900	24,000	21,400	78	34" x 30" x 30"	1818.00
4HP13L30P	2.5	1050	28,000	27,000	78	38" x 30" x 30"	2058.00
4HP13L36P	3.0	1250	35,600	33,000	77	26" x 30" x 30"	2238.00
4HP13L42P	3.5	1350	42,000	38,500	77	26" x 30" x 30"	2338.00
4HP13L48P	4.0	1600	48,000	43,500	79	38" x 30" x 30"	2598.00
4HP13L60P	5.0	1800	54,500	52,000	79	42" x 30" x 30"	3078.00

TXV's

Part #	Description	Tons	Price
A4TXV01-1	R-410A A/C Only	1.5-2.5	100.00
A4TXV02-1	R-410A A/C Only	3.0-4.0	100.00
H4TXV03-1	R-410A A/C & Heat Pump	5.0	104.00
H2TXV01	R-22 A/C & Heat Pump	2.0-3.0	100.00
H2TXV02	R-22 A/C & Heat Pump	3.5-5.0	100.00
H4TXV01-1	R-410A HP Only	1.5-2.5	110.00
H4TXV02-1	R-410A HP Only	3.0-3.5	110.00

Air Handlers

RBCS2 Model Air Handlers
Multi-Position - Upflow/Horizontal Left/Right



- 1 Piece design for easy installation - built in filter rack
- Microban® anti-microbial built in to drain pan to resist mold and mildew growth and fouling of the drain
- Standard transformer and blower relay
- Parts warranty: 5-Year limited warranty on R-22 units, 10-year with R-410A Units
- 208-230/60/1 Volts/Hz/Phase

Part #	Tons	Nom Cool Capacity BTUH	Max Elec Heat Avail (kW)	Lineset Liquid x Vapor	Dimensions HxWxD	Filter	Piston	Price
RBCS2M18C00NAP	1.5	18,000	10	3/8" x 3/4"	46-3/4" x 18-1/2" x 22"	16" x 20"	53	898.00
RBCS2M24C00NAP	2.0	24,000	10	3/8" x 3/4"	46-3/4" x 18-1/2" x 22"	16" x 20"	59	898.00
RBCS2M30C00NAP	2.5	30,000	15	3/8" x 7/8"	51" x 21-1/4" x 22"	18" x 20"	67	1018.00
RBCS2M36C00NAP	3.0	36,000	15	3/8" x 7/8"	51" x 21-1/4" x 22"	18" x 25"	73	1038.00
RBCS2M42C00NAP	3.5	42,000	15	3/8" x 7/8"	54" x 21-1/4" x 26"	18" x 25"	80	1118.00
RBCS2M48C00NAP	4.0	48,000	15	3/8" x 7/8"	54" x 21-1/4" x 26"	18" x 25"	84	1278.00
RBCS2M60C00NAP	5.0	60,000	15	3/8" x 7/8"	60" x 21-1/4" x 26"	18" x 25"	93	1398.00

Variable-Speed Air Handlers

Part #	Tons	Dimensions H x D x W	Supply Opening Depth x Width	Return Opening Depth x Width	Price
RBCS2M24V00NA1P-1	2.0	46-3/4" x 22" x 18-1/2"	17" x 16-1/2"	20-1/4" x 16"	1398.00
RBCS2M36V00NA1P-1	3.0	51" x 22" x 21-1/4"	17" x 19-1/4"	20-1/4" x 18-3/4"	1658.00
RBCS2M42V00NA1P-1	3.5	54" x 26" x 21-1/4"	24-1/4" x 19-1/4"	20-1/4" x 18-3/4"	1758.00
RBCS2M48V00NA1P-1	4.0	54" x 26" x 21-1/4"	24-1/4" x 19-1/4"	20-1/4" x 18-3/4"	1858.00
RBCS2M60V00NA1P-1	5.0	60" x 26" x 21-1/4"	24-1/4" x 19-1/4"	20-1/4" x 18-3/4"	1978.00

Electric Heat Strips for RBCS2 Air Handlers

Part #	Description	Application	Price
HSTA10B	Heat Strip 10 kW w/Breaker	RBCS2 18,24,30,36,42,48,60	160.96
HSTA15A	Heat Strip 15 kW w/Breaker	RBCS2 30,36,48,60	230.00
HSTA20A	Heat Strip 20 kW w/Breaker	RBCS2 30,36,48,60	251.70

Evaporator Coils

EC1P Cased Evaporator Upflow/Counterflow Coils for A/C & Heat Pumps

- All coils are compatible with R-22 or R-410A
- All drip pans are compatible with UV lights
- Microban® antimicrobial additive in the drain pan to resist mold and mildew growth
- Two dual drain connections on front of coil for installation flexibility
- 5-Year limited warranty



Part #	Tons	Dimensions Width x Height x Depth	Lineset Liquid x Vapor	Piston Included	Top/Plenum Openings	Price
EC1P23NAM	1.5-2.0	13-1/2" x 16-1/2" x 21-1/2"	3/8" x 3/4"	.067	12 x 20 / 12-1/2 x 21	338.00
EC1P36NAM	2.5	13-1/2" x 25-1/2" x 21-1/2"	3/8" x 3/4"	.078	12 x 20 / 12-1/2 x 21	378.00
EC1P36NBM	3.0	17-1/4" x 25-1/2" x 21-1/2"	3/8" x 3/4"	.078	15-3/4 x 20 / 16-1/4 x 21	398.00
EC1P43NBM	3.5	17-1/4" x 27-1/2" x 21-1/2"	3/8" x 7/8"	.082	15-3/4 x 20 / 16-1/4 x 21	478.00
EC1P49NCM	4.0	20-1/2" x 29-1/2" x 22"	3/8" x 7/8"	.090	19 x 20-1/2 / 19-1/2 x 21-1/2	598.00
EC1P62NCM	5.0	24-1/2" x 29-1/2" x 21"	3/8" x 7/8"	.101	23 x 19-1/2 / 20-1/2 x 23-1/2	778.00

Multi-Positional Cased Coils for A/C & Heat Pumps

Part #	Tons	Dimensions Width x Height x Depth	Lineset Liquid x Vapor	Piston Included	Plenum Openings	Price
EM1P23NAM	1.5-2.0	13-1/2" x 25-1/2" x 21-1/2"	3/8" x 3/4"	.067	12 x 20	458.00
EM1P36NAM	2.5-3.0	13-1/2" x 25-1/2" x 21-1/2"	3/8" x 3/4"	.078	12 x 20	518.00
EM1P36NBM	2.5-3.0	17-1/2" x 25-1/2" x 21-1/2"	3/8" x 3/4"	.078	15-3/4 x 20	518.00
EM1P43NBM	3.0-3.5	17-1/2" x 27-1/2" x 21-1/2"	3/8" x 7/8"	.082	15-3/4 x 20	538.00
EH1P49CM	4.0	21" x 31-1/2" x 21-1/2"	3/8" x 7/8"	.090	19-1/2 x 19-3/4	738.00
EH1P62CM	5.0	21" x 31-1/2" x 21-1/2"	3/8" x 7/8"	.101	19-1/2 x 19-3/4	838.00

* Horizontal applications only

Package Heat Pumps

2SH13B Heat Pumps - 13 SEER - 7.7 HSPF

- R22 refrigerant
- Heavy duty, high efficiency Copeland scroll compressor
- Color-coded wiring
- Copper tubing with enhanced fin coils
- Horizontal or down discharge
- Easy service access
- PSC prelubricated multi-speed motor
- Trade available components
- Side-by-side horizontal duct connections to match existing ductwork
- All models shipped for horizontal applications; easily converted to downshot
- 5-Year warranty on compressor
- 5-Year warranty on parts
- 208-230V/60Hz/1Ph



Part #	Airflow CFM	Net Cooling Capacity BTUH	Net Heating Capacity BTUH	Dimensions HxWxD	Linesets Liquid x Vapor	Price
2SH13B24	800	24,800	24 000	34-1/4" x 65-3/8" x 36-1/2"	3/8" x 3/4"	2938.00
2SH13B30	1000	30,000	30 000	34-1/4" x 65-3/8" x 36-1/2"	3/8" x 3/4"	3158.00
2SH13B36	1200	35,400	34 400	34-1/4" x 65-3/8" x 36-1/2"	3/8" x 3/4"	3498.00
2SH13B42	1400	40,000	41 000	38-1/4" x 75" x 46"	3/8" x 3/4"	3798.00
2SH13B48	1600	46,000	46 000	38-1/4" x 75" x 46"	3/8" x 7/8"	3978.00
2SH13B60	1800	55,500	51 000	38-1/4" x 75" x 46"	3/8" x 1-1/8"	4558.00

2SH13B Packaged Accessories

Part #	Description	Application	Price
92M51	Lifting Bracket	All Units	78.00
92M54	Internal Filter Kit	2.0 - 3.0 Ton	Spec Ord
92M55	Internal Filter Kit	3.5 - 5.0 Ton	Spec Ord
93M00	Roof Curb 14" Height	2.0 - 3.0 Ton	398.00
93M02	Roof Curb 14" Height	3.5 - 5.0 Ton	438.00
PHK10BP-1	Heat Strip Kit 10 kW (10W49)	For All Heat Pump Units	156.00
PHK15CP-1	Heat Strip Kit 15 kW (10W50)	3.0 - 5.0	208.00

TOPIC RELATED
REFERENCE CHARTS
IN THE BACK OF THIS BOOK . .

Heating & Cooling Equipment

Package Gas/Electric

2SG13B Gas/Electric - 13 SEER, 11.50 EER - 78% AFUE

- Copeland Scroll™ compressor
- Copper tubing with enhanced fin coils
- Horizontal or down discharge
- Easy service access
- PSC prelubricated motor
- Rectangular duct covers
- Solid state integrated blower control/ignition control



Single Speed - 208-230V/60Hz/1Ph

- 20-Year warranty on heat exchanger
- 5-Year warranty on compressor
- 5-Year warranty on parts

Part #	Rated ARI Capacity	Airflow CFM	Rated Input BTUH	Rated Output BTUH	Electrical	Dimensions HxWxD	Price
2SG13B24068P-1	23,000	800	67,500	54,000	208-230/60/1	34-1/4" x 65-3/8" x 36-1/2	3398.00
2SG13B30068P-1	28,800	1000	67,500	54,000	208-230/60/1	34-1/4" x 65-3/8" x 36-1/2"	3718.00
2SG13B36090P-1	36,000	1200	90,000	72,000	208-230/60/1	34-1/4" x 65-3/8" x 36-1/4"	3998.00
2SG13B42110P-1	41,000	1400	110,000	88,000	208-230/60/1	38-1/4" x 75" x 46"	4378.00
2SG13B48138P-1	47,000	1600	137,500	110,000	208-230/60/1	38-1/4" x 75" x 46"	4578.00
2SG13B60138P-1	55,500	1800	137,500	110,000	208-230/60/1	38-1/4" x 75" x 46"	4998.00

2SG13B Packaged Accessories

Part #	Description	Application	Price
92M51	Lifting Bracket	All Units	78.00
92M54	Internal Filter Kit	2.0 - 3.0 Ton	Spec Ord
92M55	Internal Filter Kit	3.5 - 5.0 Ton	Spec Ord
93M00	Roof Curb 14" Height	2.0 - 3.0 Ton	398.00
93M02	Roof Curb 14" Height	3.5 - 5.0 Ton	438.00
92M57	LP Conversion Kit	2.0 - 3.0 Ton	98.00
92M58	LP Conversion Kit	3.5 - 5.0 Ton	78.00

Commercial Heating / Cooling Equipment

HS29/HP Split System Air Conditioners & Heat Pumps - 7-1/2 & 10 Tons Up to 11.50 SEER, 8.10 HSPF

- Scroll compressor, high-efficiency outdoor coil
- Compressor sound cover
- Quiet direct drive fan
- High-capacity driers
- Full-perimeter base rails
- High pressure switch
- Loss of charge switch
- Low ambient operation
- Crankcase heater
- Minimum run time control
- Enhanced coil guard
- Heavy duty fan guard
- Linesets - 5/8" Liquid, 1-3/8" Vapor
- 5-Year limited warranty on compressor
- 1-Year limited warranty on covered components

48" Clearance required on top of unit. One side of coil may be 12".



HP29-120

HS29 Air Conditioners - 108/230V-60 Hz - 3 Phase

- Minimum run time control

Part #	Tons	ARI Rated Cap BTUH	EER	Sound dBa	Outdoor Fans	Coils	Dimensions H x W x L	Ship Wt (Max)	Price
HS29-090-3Y	7.5	98,000	10.3	87	Single	U-Shaped	41-1/4 " x 34" x 49-3/4"	405	4498.00
HS29-120-3Y	10.0	131,000	10.4	90	Double	Two Slab	49" x 34" x 72"	557	5918.00

HP29 Heat Pumps - 208/230-60 Hz - 3 Phase

- Defrost control/timed-off control

Part #	Tons	ARI Rated Cap BTUH	EER	Sound dBa	Outdoor Fans	Coils	Dimensions H x W x L	Ship Wt (Max)	Price
HP29-090-4Y	7.5	93,000/85,000	10.1	92	Single	U-Shaped	53-1/4" x 35-3/4" x 49-3/4"	485	5998.00
HP29-120-4Y	10.0	125,500/120,000	10.1	90	Double	Two Slab	70-3/4" x 35-3/4" x 72"	655	7598.00

Commercial Heating / Cooling Equipment

T-Class™ Packaged Rooftop Units - ENERGY STAR® Qualified

Field Installed Accessories:

- Non-Powered GFI
- HACR circuit breaker
- Disconnects
- High pressure switches
- Economizers with sensible control or single or dual enthalpy control
- Barometric relief dampers
- Manual outdoor air dampers (25%)
- Motorized outdoor air dampers
- Electric heat
- 50% constant volume powered exhaust fan
- CO_2 sensor
- Return and supply air smoke detectors
- Low ambient kit
- Hail guards, Coil guards
- MERV 11 Filter
- Link to the L Connection® Network line of commercial controls with an optional Network Thermostat Controller
- LPG Conversion Kit (Gas/Electric only)
- -60°F cold weather kit (Gas/Electric only)
- Combustion air intake or flue exhaust extensions (Gas/Electric only)
- High- and low-static drive kits
- Blower proving switch
- Dirty filter switch

Features

- Direct spark ignition
- Corrosion-resistant cabinet
- Pre-defined supply fan motor/ drive combinations
- Thermostatic expansion valves

Warranty

- 15-Year Limited Warranty on stainless steel gas heat exchanger
- 10-Year Limited Warranty on aluminized gas heat exchanger
- 5-Year Limited Warranty on compressor
- 1-Year Limited Warranty on covered components



TGA120

Gas / Electric Units - 308/230V-60 Hz - 3 Phase

Part #	Tons	ARI Rated Cap BTUH	ARI Rated CFM	Full Load EER	Med Heat Input	Dimensions H x W x L	Ship Wt	Price
TGA036B2DM1Y	3.0	36,000	1,200	10	65,000	35-3/8" x 47" x 85-1/4"	651	3398.00
TGA048B2DH1Y	4.0	48,000	1,600	11	65,000	35-3/8" x 47" x 85-1/4"	684	3958.00
TGA060B2DH1Y	5.0	57,000	1,850	8.5	105,000	47" x 47" x 85-1/4"	737	4418.00
TGA072S2BH1Y	6.0	90,000	3,000	10	150,000	50" x 58" x 99.25"	1535	6278.00
TGA090S2BM1Y	7.5	90,000	3,000	10.1	180,000	50" x 58" x 99.25"	1610	6898.00
TGA120S2BH1Y	10.0	120,000	3,800	10.1	180,000	50" x 58" x 99.25"	1665	8578.00
TGA150S2BH1Y	12.5	140,000	4,250	9.5	180,000	50" x 58" x 99.25"	1700	10858.00
TGA180S2BS1Y	15.0	180,000	6,000	9.7	360,000	55" x 92.5" x 130"	2506	12998.00
TGA240S2BS1Y	20.0	232,000	8,000	9.5	360,000	55" x 92.5" x 130"	2600	17398.00

Electric / Electric Units - 308/230V-60 Hz - 3 Phase

Part #	Tons	ARI Rated Cap BTUH	ARI Rated CFM	Full Load EER	Med Heat Input	Dimensions H x W x L	Ship Wt	Price
TCA090S2BN1Y	7.5	90,000	3000	10.40	22.50 kW	50" x 58" x 99.25"	1535	5998.00
TCA120S2BN1Y	10.0	120,000	3800	10.40	22.50 kW	50" x 58" x 99.25"	1580	7278.00

Roof Curbs

Part #	Description		Price
53K50	Roof Curb	TGA14 7.5 - 10.0 Ton	318.00
16K87	Roof Curb	TGA14 15.0 - /20.0 Ton	358.00

Gas Furnaces

FITS-ALL 92™ High Efficiency Gas Furnaces

- Category IV appliance venting
  - Can be vented horizontally or vertically using 2" or 3" Sch 40 PVC, ABS or CPVC pipe
  - Approved for 2-pipe (direct vent) or single-pipe applications
  - Approved for installations with listed concentric vent kit
- Integrated furnace control with LED diagnostics
- 2" Flue diameter
- Crimp-Tite™ crimped aluminized steel heat exchanger
- Stainless steel secondary heat exchanger
- Electronic air cleaner and humidifier connections (115V)
- 5 Amp fused low voltage circuit protection
- Time delay off for air conditioner SEER enhancement
- Twinning compatible
- Direct 115V hot surface ignition
- CSA certified for US and Canada
- Safety limit prevents overheating
- Three-speed PSC blower motor
- Limited lifetime warranty on heat exchanger
- 10-year limited warranty on parts



Upflow/Horizontal-Left Models - 92.1% AFUE

Part #	Input BTUH	Output BTUH	Electrical	Dimensions HxWxL	Ship Weight (lbs)	Price
CMPE050U3	50,000	46,000	115/1/60	47-3/8" x 13-1/2" x 29-1/2"	152	1378.00
CMPE075U3	75,000	70,000	115/1/60	47-3/8" x 13-1/2" x 29-1/2"	158	1418.00
CMPE100U4	100,000	93,000	115/1/60	47-3/8" x 17" x 29-1/2"	187	1598.00
CMPE125U5	125,000	116,000	115/1/60	47-3/8" x 20-1/2" x 29-1/2"	217	1838.00

Downflow/Horizontal-Right Models - 92.1% AFUE

Part #	Input BTUH	Flue	Electrical	Dimensions HxWxL(in)	Ship Weight (lbs)	Price
CMPB050C3	50,000	2"	115/1/60	47-3/8" x 13-1/2" x 29-1/2"	152	1398.00
CMPB075C3	75,000	2"	115/1/60	47-3/8" x 13-1/2" x 29-1/2"	158	1438.00
CMPB100C4	100,000	3"	115/1/60	47-3/8" x 17" x 29-1/2"	187	1638.00
CMPB125C5	125,000	3"	115/1/60	47-3/8" x 20-1/2" x 29-1/2"	217	1858.00

FITS-ALL 92™ Gas Furnace Accessories

Part #	Description	Price
20490602	Natural to LP Conversion Kit	59.36
20066501	Floor Base Kit 13-1/2"	137.78
20066502	Floor Base Kit 17"	146.28
20066503	Floor Base Kit 20-1/2"	146.28
904177	2" Concentric Vent Kit	80.00
20280902	3" Concentric Vent Kit	90.00
20276603	Furnace Twinning Kit	84.80

Gas Furnaces

FITS-ALL 92V Two-Stage Variable Speed Gas Furnaces - Upflow/Horizontal-Left - 92.1% AFUE

- Category IV appliance venting
  - Can be vented horizontally or vertically using 2" or 3" Sch 40 PVC, ABS or CPVC pipe
  - Approved for 2-pipe (direct vent) or single-pipe applications
  - Approved for installations with listed concentric vent kit
- Integrated furnace control, 2-stage gas control system w/LED diagnostics
- 2" Flue diameter
- Crimp-Tite™ crimped aluminized steel heat exchanger, stainless steel secondary heat exchanger
- Electronic air cleaner and humidifier connections (115V)
- Fused low voltage circuit protection
- Time delay off for air conditioner SEER enhancement
- Field selectable low fire run time
- CSA certified for US and Canada
- Safety limit prevents overheating
- Variable speed motor with adjustable air flow
- Limited lifetime warranty on heat exchanger
- 10-year limited warranty on parts



Part #	Input BTUH	Output BTUH	Electrical	Dimensions HxWxL	Ship Weight (lbs)	Price
CMPEV050U3	50,000/ 40,000	46,000	120/1/60	47-3/8" x 13-1/2" x 29-1/2"	152	1998.00
CMPEV075U3	75,000/ 60,000	70,000	120/1/60	47-3/8" x 13-1/2" x 29-1/2"	158	2238.00
CMPEV100U4	100,000/ 80,000	93,000	120/1/60	47-3/8" x 17" x 29-1/2"	187	2478.00
CMPEV125U5	125,000/100,000	116,000	120/1/60	47-3/8" x 20-1/2" x 29-1/2"	217	2698.00

FITS-ALL 92V™ Gas Furnace Accessories

Part #	Description	Price
20285501	Natural to LP Conversion Kit	53.00
20066501	Floor Base Kit 13-1/2"	137.78
20066502	Floor Base Kit 17"	146.28
20066503	Floor Base Kit 20-1/2"	146.28
904177	2" Concentric Vent Kit	80.00
20280902	3" Concentric Vent Kit	90.00

Please Refer To The Back of This Catalog For Reference Sheets - On Formulas, Conversions, Etc.

To Help In Your Every Day Operation

FITS-ALL 80™ Gas Furnaces - Upflow/Horizontal/Downflow - 80% AFUE

- 40VA transformer
- 4" Flue diameter
- Crimp-Tite™ crimped aluminized steel heat exchanger
- Electronic air cleaner and humidifier connections (115V)
- 5 Amp fused low voltage circuit protection
- Time delay off for air conditioner SEER enhancement
- Twinning compatible
- CSA certified for US and Canada
- Three-speed PSC blower motor
- Limited lifetime warranty on heat exchanger
- 10-year limited warranty on parts



Part #	Input BTUH	Output BTUH	Electrical	Dimensions HxWxL(in)	Ship Weight (lbs)	Price
MPGA050B3	50,000	40,000	115/1/60	38-1/4" x 13-1/2" x 29-1/2"	105	838.00
MPGA075B3	75,000	60,000	115/1/60	38-1/4" x 13-1/2" x 29-1/2"	113	858.00
MPGA075B4	75,000	60,000	115/1/60	38-1/4" x 17" x 29-1/2"	134	918.00
MPGA100B4	100,000	80,000	115/1/60	38-1/4" x 17" x 29-1/2"	141	978.00
MPGA100B5	100,000	80,000	115/1/60	38-1/4" x 20-1/2" x 29-1/2"	159	1038.00
MPGA125B5	125,000	100,000	115/1/60	38-1/4" x 20-1/2" x 29-1/2"	167	1098.00

FITS-ALL 80™ Gas Furnace Accessories

Part #	Description	Price
20490602	Natural to LP Conversion Kit	59.36
20066501	Floor Base Kit 13-1/2"	137.78
20066502	Floor Base Kit 17"	146.28
20066503	Floor Base Kit 20-1/2"	146.28

2-J's HVAC University

provides

You – Our Partner

affordable & convenient training for the latest innovations in our industry

Gas Furnaces

FITS-ALL 80V™ Gas Furnaces - Two-Stage Variable Speed Multi-Position Upflow/Downflow/Horizontal - 80% AFUE



- 115 Volts/60 Hz/1 Phase
- 40VA, 115 VAC Primary, 24 VAC Secondary transformer
- Category I appliance venting
  - 4" Venting - vertical or horizontal with approved power venter
- GE ECM brushless DC motor
- Continuous fan at 50% of cooling CFM
- Crimp-Tite™ crimped aluminized steel heat exchanger
- Electronic air cleaner and humidifier connections (115V)
- Fused low voltage circuit protection
- CSA certified for US and Canada
- Limited lifetime warranty on heat exchanger
- 10-year limited warranty on parts

Part #	Hi/Lo Fire Input BTUH	Hi/Lo Fire Output BTUH	Tons	Flue Size	Dimensions L x W x H	Ship Weight (lbs)	Price
MPGAV050B3	50,000/ 40,000	40,000/32,000	1.5-3.0	4"	29-1/2" x 13-1/2" x 38-1/4"	105	1558.00
MPGAV075B3	75,000/ 60,000	60,000/48,000	1.5-3.0	4"	29-1/2" x 13-1/2" x 38-1/4"	113	1638.00
MPGAV100B4	100,000/ 80,000	80,000/64,000	2.0-4.0	4"	29-1/2" x 17" x 38-1/4"	141	1798.00
MPGAV125B5	125,000/100,000	100,000/80,000	2.0-5.0	5"	29-1/2" x 20-1/2" x 38-1/4"	167	1998.00

FITS-ALL 80V™ Gas Furnace Accessories

Part #	Description	Price
20285501	Natural to LP Conversion Kit	53.00
20066501	Floor Base Kit 13-1/2"	137.78
20066502	Floor Base Kit 17"	146.28
20066503	Floor Base Kit 20-1/2"	146.28

24/7/365

Emergency Services

Available at 2-J

We Stand Beside You
To Support Your Customers

DPGB 80+ Downflow Gas Furnaces - 80% AFUE

- Category I venting
  - 4" Vent - vertical or horizontal with approved power venter
- Honeywell® Smart Valve™ system with LED diagnostics
- Honeywell fan timer control ST9160
- Slow opening gas valve for quiet, smooth operation
- Time delay off for air conditioner SEER enhancement
- 40VA transformer
- 4" Flue diameter
- Crimp-Tite™ crimped aluminized steel heat exchanger
- Electronic air cleaner and humidifier connections (115V)
- 5 Amp fused low voltage circuit protection
- Twinning compatible
- CSA certified for US and Canada
- Three-speed PSC blower motor
- Limited lifetime warranty on heat exchanger
- 10-year limited warranty on parts



Part #	Input BTUH	Output BTUH	Electrical	Dimensions HxWxL	Ship Weight (lbs)	Price
DPGB050A3	50,000	40,000	115/1/60	38-1/4" x 13-1/2" x 29-1/2"	105	938.00
DPGB075A3	75,000	60,000	115/1/60	38-1/4" x 13-1/2" x 29-1/2"	113	998.00
DPGB100A4	100,000	80,000	115/1/60	38-1/4" x 17" x 29-1/2"	141	1098.00
DPGB125A5	125,000	100,000	115/1/60	38-1/4" x 20-1/2" x 29-1/2"	167	1198.00

DPGB 80+ Gas Furnace Accessories

Part #	Description	Price
20490602	Natural to LP Conversion Kit	59.36
20066501	Floor Base Kit 13-1/2"	137.78
20066502	Floor Base Kit 17"	146.28
20066503	Floor Base Kit 20-1/2"	146.28

The Source for Contractor Profitability Since 1962
And Still Committed:

Our Success is Wholly Dependent Upon Yours

Oil Furnaces

High Efficiency Oil Furnaces

- 14 Ga steel w/long lasting ceramic fiber combustion chamber heat exchanger
- Heat exchanger has easy access large diameter clean out parts
- Foil-lined high density fiberglass insulation reduces heat loss and noise
- Blower has slide-out design with quick plug-in wiring
- Time tested, helican fan limit control
- High quality Beckett Flame Retention burner
- 40 VA transformer
- 5 Amp fuse for protection
- 115V electronic air cleaner & humidifier connections
- Prewired for air conditioning
- Shipped in low fire configuration
- Limited life-time warranty on heat exchanger
- Five year limited warranty on parts



RLUF RLHF

Upflow - Front Flue

- Internal filter included
- 120 Volts/60 Hz/1 Phase
- Units shipped with filter(s) for side return
- All models rated at 140 psi pump pressure except the RLUF57/72 rated at 100 psi

Part #	Nozzle Size	Input BTUH	Output BTUH	AFUE	Nom Cooling Cap	Flue Diameter	Ship Filter Size	Weight (lbs)	Price
RLUF80C57/72	.50GPH-80°A .65GPH-80°B	70,000 90,000	58,000 74,000	83%	2.0 - 3.0	6"	16" x 25"	225	1958.00
RLUF80C84/95	.65GPH-80°B .75GPH-80°B	105,000 119,000	85,000 97,000	81%	2.5 - 4.0	6"	16 x 25	225	1998.00
RLUF80C112/125	.85GPH-80°B 1.00GPH-80°B	140,000 154,000	113,000 125,000	81%	3.0 - 5.0	6"	(2) 16 x 25	275	2258.00

Horizontal/Counterflow - Front Flue

- All models rated at 140 psi pump pressure except the RLUF57 rated at 100 psi
- All models except RLUF57/72 are shipped in low fire configuration
- 120 Volts/60 Hz/1 Phase

Part #	Nozzle Size	Input BTUH	Output BTUH	AFUE	Nom Cooling Cap	Flue Diameter	Ship Weight (lbs)	Price
RLHF80C84/95	.65GPH-80°A .75GPH-80°B	105,000 119,000	85,000 97,000	81%	2.0 - 3.0	6"	225	2258.00
RLHF80C112/125	.85GPH-80°B 1.00GPH-80°B	140,000 154,000	113,000 125,000	81%	3.0 - 5.0	6"	265	2478.00

Coleman Heating & Air Conditioning Equipment

Comforteer™ ERCS 13-SEER X-Cube Low Profile Split-System Air Conditioners

- Designed to be custom-matched with a Coleman evaporator section
- Copper tube and aluminum fin condenser coils
- Compressor is internally protected against high pressure and temperature
- Durable pre-painted steel
- Top discharge
- Low operating sound level
- Permanently lubricated motor-bearings
- Secured re-usable service valves on liquid and vapor sweat connections
- 208/230-1-60
- UL & CUL listed
- 5-Year limited warranty on the compressor; 5-Year limited warranty on parts

Coleman Comforteer



Part #	Mfg #	Cooling Tons	Linesets Liquid x Vapor	Dimensions (H x D x W)	Price
ERCS0301BB	ERCS0301BB	2-1/2	3/8" x 7/8"	33" x 37" x 27"	1612.00
ERCS0361BB	ERCS0361BB	3	3/8" x 7/8"	39" x 37" x 27"	1698.00

Comforteer™ PAC R-22 13-SEER Packaged Air Conditioners

- Single package
- Large condensing coil surface
- Compressor is internally protected against high pressure and temperature
- Durable pre-painted galvanized steel
- Top discharge
- Factory installed liquid line filter drier
- 208/230-1-60
- 5-Year limited warranty on the compressor; 5-Year limited warranty on the parts



Part #	Mfg #	Cooling Tons	Dimensions (H x D x W)	Price
PAC030H1322A	PAC030H1322A	2.5	28-3/4" x 45-1/2" x 30-7/8"	3398.00
PAC036H1322A	PAC036H1322A	3	30-3/4" x 47-1/2" x 32-7/8"	3518.00

2-J's Commitment to You:

Quality Products
+ Exceptional Service
+ Competitive Prices
= 2-J Value

Coleman Heating & Air Conditioning Equipment

Manufactured Housing Equipment

DGA 90%+ Downflow Manufactured Home Natural Gas Furnaces



- Sealed combustion downflow gas or propane
- 2-Speed blower fan operation
- Automatic hot surface ignition with remote flame sensor
- 10-Year parts limited warranty on heat exchanger
- 5-Year parts limited warranty on all other components

Part #	Mfg #	Input MBH	Output MBH	AFUE %	Dimensions H x D x W	CFM	Price
DGAD060CD	DGAD060CDJ	60	55	91	45" x 28-1/2" x 17-1/2"	1200	Spec Ord
DGAE080CD	DGAE080CDJ	80	75	91	45" x 28-1/2" x 21"	1600	Spec Ord
DGAF100CD	DGAF100CDJ	100	95	91	45" x 28-1/2" x 21"	2000	Spec Ord

Conquest Series DGAA 80% Downflow Mobile Home Natural Gas Furnaces



- Air conditioning ready to 4 tons, built-in coil cabinet
- Fail-safe automatic hot surface ignition system
- Full louver high impact plastic return air door
- Standard replaceable filters (included)
- 2-Year limited parts & labor warranty

Part #	Mfg #	Input MBH	Output MBH	Dimensions (H x D x W)	Weight (lbs)	Price
DGAA056BD	DGAA056BDTA	56	45	76" x 24-1/2" x 19-1/2"	145	1478.00
DGAA070BD	DGAA070BDTA	70	56	76" x 24-1/2" x 19-1/2"	145	1598.00
DGAA077BD	DGAA077BDTA	77	62	76" x 24-1/2" x 19-1/2"	146	1898.00
DGAA090BD	DGAA090BDTA	90	72	76" x 24-1/2" x 19-1/2"	159	2098.00

TOPIC RELATED
REFERENCE CHARTS
IN THE BACK OF THIS BOOK . .

All Items Not Stocked in All Branches - Call for Availability

Coleman Heating & Air Conditioning Equipment

Compact™ Series DGAH 80% Downflow Mobile Home Propane Gas Furnaces



- Heating only
- Fail-safe automatic hot surface ignition system
- Full louver high impact plastic return air door
- Standard replaceable filters (included)
- Approved for mobile/modular homes
- 2-Year limited parts & labor warranty

Part #	Mfg #	Input MBH	Output MBH	Dimensions (H x D x W)	Weight (lbs)	Price
DGAH056BB	DGAH056BBSA	56	47	60" x 19-1/2" x 24-1/2"	131	1398.00
DGAH077BB	DGAH077BBSA	77	62	60" x 19-1/2" x 24-1/2"	131	1798.00

Conquest Series DFAA 80%+ Downflow Mobile Home Oil Furnaces



- Air conditioning ready to 3 tons, built-in coil cabinet
- Fail-safe automatic hot surface ignition system
- Full louver high impact plastic return air door
- Standard replaceable filters (included)
- Approved for mobile/modular homes
- 1-Year limited parts & labor warranty

Part #	Mfg #	BTU Htg	CFM @.3" WC	AFUE	Dimensions (H x D x W)	Weight (lbs)	Price
DFAA066BBTA	DFAA066BBTA	53	950	80.3	76" x 20" x 24"	177	2158.00
DFAA084BBTA	DFAA084BBTA	67	1175	80.0	76" x 20" x 24"	173	2198.00

Compact™ Series DFAH 80%+ Downflow Mobile Home Oil Furnaces

- Air conditioning ready to 3 tons, built-in coil cabinet
- Fail-safe automatic hot surface ignition system
- Full louver high impact plastic return air door
- Standard replaceable filters (included)
- Approved for mobile/modular homes
- 1-Year limited parts & labor warranty

Part #	Mfg #	BTU Htg	CFM @.3" WC	AFUE	Dimensions (H x D x W)	Weight (lbs)	Price
DFAH066BBSA	DFAH066BBSA	51	950	76.6	60" x 19-1/2" x 24-1/5"	175	2058.00
DFAH084BBSA	DFAH084BBSA	64	1175	75.3	60" x 19-1/2" x 24-1/5"	175	2118.00

Coleman Heating & Air Conditioning Equipment

MH Series Evaporator Coils



Part #	Mfg #	Description	Price
MH30S2AN1	MH30S2A	2-2.5 Ton 13 SEER R22	658.00
MH36S2AN1	MH36S2A	3 Ton 13 SEER R22	698.00

Manufactured Housing - EB Series Downflow Heating Only Electric Furnace

- A/C and HP operation ready - Multi-speed blower capable of handling up to 4 tons cooling and 3-1/2 tons with a heat pump
- Zero clearance feature allows the EB to be installed where space is a premium
- Built-in coil cabinet design-matched to work in conjunction with Coleman heat pumps and air conditioners
- Heating package includes specifically designed, long lasting nickel/chrome heat elements
- Universal throw-away filter cleans the air and is easy to replace
- 2-Year limited parts warranty

Part #	Mfg #	D.O.E. Output Capacity BTU	kW	Dimensions H x W	Shipping Weight	Price
EB10	EB10	34,000	10.0	51-5/8" x 19-5/8"	83 Lbs	918.00
EB15	EB15	51,000	15.0	51-5/8" x 19-5/8"	85 Lbs	1058.00
EB20	EB20	67,000	19.6	51-5/8" x 19-5/8"	84 Lbs	1278.00

Manufactured Housing Parts & Accessories

Part #	Mfg #	Description	Price
3500-8941	3500.8951	Coil Shelf For EB	120.00
4000-7101	4000.7101C	Roof Jack 86"- 95" Adjustable	126.00
4000-7121	4000.7121C	Roof Jack 91"-102" Adjustable	174.00
4000-7141	4000.7141C	Roof Jack 99"-120" Adjustable	200.00
4000-7151	4000.7151C	Roof Jack 106"-132" Adjustable	250.00
09-7900-6771	7900.6771	Damper	80.00
7990-6241	7990.6241	4.5" M/H Duct Connector Tab	32.00
111214	111214	Flex Duct Kit 12' Long x14" Round With Clamps	80.00
SWK12X20-12		12" Supply, 12" x 20" Return Accessory Kit	146.50

Oil Furnaces

Oil Furnaces

- Heavy-gauge steel heat exchanger
- Permanent washable filter
- Burner & blower plug-in connectors
- Four extra large clean-outs
- A/C Ready
- Multi-speed direct-drive motor
- Multi-position flue box allows connection out top or either side
- Combustion air compatible
- Sidewall vent compatible
- Beckett AFG flame retension oil burner
- GAMA Certified, UL Listed
- 5-Year parts warranty on standard furnaces, limited lifetime warranty on heat exchanger



Hi-Boy Oil Furnaces

- Front flue location

Part #	Nozzle Size	Max Output	DOE AFUE	Cooling Capacity	Dimensions L x W x H	Shipping Weight	Price
FH085D36E	.75	85,000	81.0	3 Ton	30-1/2" x 23" x 53"	265	2298.00
FH110D48E	1.00	113,000	81.0	4 Ton	30-1/2" x 23" x 59"	300	2478.00
FH110D60E	1.00	113,000	81.0	5 Ton	30-1/2" x 23" x 59"	300	2558.00

Counterflow Oil Furnaces

- Front flue location



Part #	Nozzle Size	Max Output	DOE AFUE	Cooling Capacity	Dimensions L x W x H	Shipping Weight	Price
FC085D36E	.75	85,000	81.0	3 Ton	28-1/2" x 23" x 54"	260	2478.00

Lo-Boy Oil Furnaces



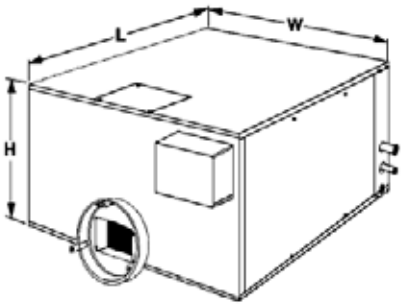
Part #	Nozzle Size	Max Output	DOE AFUE	Cooling Capacity	Flue Location	Dimensions L x W x H	Shipping Weight	Price
FLF085D36E	.75	85,000	81.0	3 Ton	Front	48-1/8" x 23" x 36-5/8"	275	2438.00
FLR085D36E	.75	85,000	81.0	3 Ton	Rear	48-1/8" x 23" x 36-5/8"	275	2438.00
FLF110D48E	1.00	113,000	81.0	4 Ton	Front	48-1/8" x 23" x 40-5/8"	310	2518.00
FLR110D48E	1.00	113,000	81.0	4 Ton	Rear	48-1/8" x 23" x 40-5/8"	310	2518.00
FLR140D60E	1.25	142,000	81.0	5 Ton	Rear	50-1/4" x 26" x 47-5/8"	365	2878.00

SpacePak® High Velocity Mini-Duct Air Conditioning

Fan Coil Units - R22, ESP-D Series
for Central Air Conditioning & Heat Pump Systems
(R22 Refrigerant - Convertible to R-410A with TXV Valve)

Standard Equipment:

- Corrosion resistant cabinet with baked enamel finish. Fully insulated with 1-1/2" lb. density batt
- Six-row copper tube-aluminum fin evaporator coil removes up to 30% more humidity than conventional coil
- Blower motor is factory-balanced for vibration-free operation
- Condensate drain connection in base pan for specially designed, factory-supplied condensate drain assembly
- Factory installed anti-frost control, thermal expansion valve and factory installed drain pan float switch. Sweat type suction/liquid line connections
- Shipped with Nitrogen holding charge

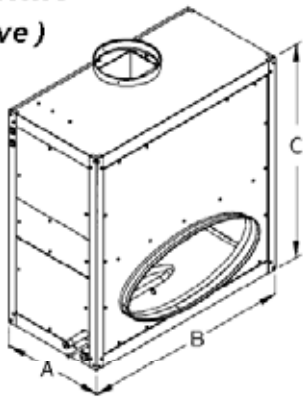


Part #	Mfg. #	Sys Capacity Nom Tons	Cool MBH(1)	Unit SEER Rating	Std CFM @1.5 wc	Motor HP	FL AMPS	---Connections--- Suction Line	Liquid Line	Rec Size (HxWxL)	Condensing Capacity (MBH)	Ship Wt	Price
ESP2430D	BM-6910	2.0	20.4	10+	550	1/3	1.8	7/8"	3/8"	14-1/8x24x30	24	98	2727.42
		2.5	22.4	10+	550	1/3	1.8	7/8"	3/8"	14-1/8x24x30	30	98	
ESP3642D	BM-6911	3.0	33.4	10+	850	1/2	2.8	7/8"	3/8"	14-1/8x33x30	36	120	2934.36
		3.5	37.6	10+	850	1/2	2.8	7/8"	3/8"	14-1/8x33x30	42	120	
ESP4860D	BM-6912	4.0	46.0	10+	1150	3/4	3.6	7/8"	3/8"	14-1/8x43x30	48	145	3282.46
		5.0	55.0	10+	1150	3/4	3.6	7/8"	3/8"	14-1/8x43x30	60	145	

Vertical Fan Coil Units, ESP-V Series
for Central Air Conditioning & Heat Pump Systems
(R22 Refrigerant - Convertible to R-410A with TXV Valve)

Standard Equipment:

- Corrosion resistant cabinet with baked enamel finish. Fully insulated with 1-1/2" lb. density batt.
- Six-row copper tube-aluminum fin evaporator coil removes up to 30% more humidity than conventional coil
- Blower motor is factory-balanced for vibration-free operation
- Condensate drain connection in base pan for specially designed, factory-supplied condensate drain assembly
- Factory installed anti-frost control, thermal expansion valve and factory installed drain pan float switch. Sweat type suction/liquid line connections
- Shipped with Nitrogen holding charge



R-22 Refrigerant

Part #	Mfg. #	Sys Capacity Nom Tons	Cool MBH(1)	Unit SEER Rating	Std CFM @1.5 wc	Motor HP	FL AMPS	---Connections--- Suction Line	Liquid Line	Rec Size (HxWxL)	Condensing Capacity (MBH)	Ship Wt	Price
ESP2430V	BM-2500	2.0	23.4	12+	670	1/3	1.8	7/8"	3/8"	16-1/8x24x33	24	112	3145.52
		2.5	27.4	12+	670	1/3	1.8	7/8"	3/8"	16-1/8x24x33	30	112	
ESP3642V	BM-2502	3.0	35.8	12+	883	1/2	2.8	7/8"	3/8"	16-1/8x33x33	36	134	3322.70
		3.5	40.0	12+	883	1/2	2.8	7/8"	3/8"	16-1/8x33x33	42	134	
ESP4860V	BM-2504	4.0	48.5	12+	1360	1	3.6	7/8"	3/8"	16-1/8x43x33	48	171	3919.12
		5.0	57.2	12+	1360	1	3.6	7/8"	3/8"	16-1/8x43x33	60	171	

(1) With recommended matching outdoor condensing unit NOTE: Condensing unit sold separately

SpacePak® High Velocity Mini-Duct Air Conditioning

R-410A Refrigerant

Part #	Mfg. #	Sys Capacity Nom Tons	Cool MBH(1)	Unit SEER Rating	Std CFM @1.5 wc	Motor HP	FL AMPS	---Connections--- Suction Line	Liquid Line	Rec Size (HxWxL)	Condensing Capacity (MBH)	Ship Wt	Price
ESP2430V	BM-2611-1	2.0	23.4	12+	670	1/3	1.8	7/8"	3/8"	16-1/8x24x33	24	112	3145.52
R410A		2.5	27.4	12+	670	1/3	1.8	7/8"	3/8"	16-1/8x24x33	30	112	
ESP3642V	BM-2612-1	3.0	35.8	12+	883	1/2	2.8	7/8"	3/8"	16-1/8x33x33	36	134	3322.70
R410A		3.5	40.0	12+	883	1/2	2.8	7/8"	3/8"	16-1/8x33x33	42	134	
ESP4860V	BM-2613-1	4.0	48.5	12+	1360	1	3.6	7/8"	3/8"	16-1/8x43x33	48	171	3919.12
R410A		5.0	57.2	12+	1360	1	3.6	7/8"	3/8"	16-1/8x43x33	60	171	

(1) With recommended matching outdoor condensing unit NOTE: Condensing unit sold separately

Horizontal Fan Coil Units - R-410A, ESP-EH for Central Air Conditioning & Heat Pump Systems

Standard Equipment:

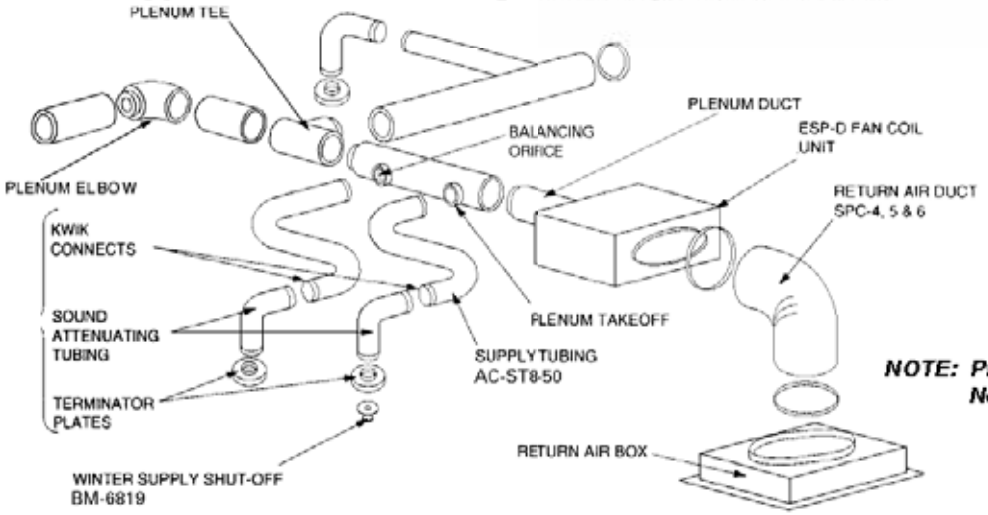
- Corrosion resistant cabinet with baked enamel finish. Fully insulated with 1-1/2" lb. density batt.
- Six-row copper tube-aluminum fin evaporator coil removes up to 30% more humidity than conventional coil
- Blower motor is factory-balanced for vibration-free operation
- Primary & secondary drain connections (3/4" FPT) in durable, polyethylene primary drain pan meets International Mechanical Code 307.2.3
- Factory installed anti-frost control, thermal expansion valve and factory installed primary drain pan float switch. Sweat type suction/liquid line connections
- Schrader valve & refrigerant lines extend through end of cabinet
- Cab be installed with a conventional outdoor condensing unit as long as capacity and refrigerant line connections meet SpacePak recommendations
- Shipped with Nitrogen holding charge
- 14-1/8" H x 29-3/8" L



Part #	Mfg. #	Nom Tons	Cool MBH	Std CFM @1.5 Rating wc	Motor HP	FL AMPS	---Connections--- Suction Line	Liquid Line	Cabinet Width	Condensing Capacity MBH	Ship Wt	Price
ESP2430EH4	ESP2430EH4	2.0/2.5	21.0/24.6	550	1/3	1.8	7/8"	3/8"	24-1/8"	24/30	98	2727.42
ESP3642EH4	ESP3642EH4	3.0/3.5	33.4/38.5	850	1/2	2.8	7/8"	3/8"	33-1/8"	36/42	120	2934.36
ESP4860EH4	ESP4860EH4	4.0/5.0	45.0/54.0	1150	1	3.6	7/8"	3/8"	43-1/8"	48/60	145	3482.22

SpacePak® High Velocity Mini-Duct Air Conditioning

Typical Installation - High Velocity Plenum Duct



NOTE: Plenum Ducting Now 8" x 8" Square

Installation Components

Part #	Mfg. #	Description	Price
SPC25100	SPC25100	Supply Tubing (100' per box), R-6 Insulation	569.86
SPS-90-4	BM-3004	8" 90° Elbow	117.20
SPS-EC-10	BM-3003	8" End Cap	32.76
SPC1610	SPC1610	9" End Cap	23.40
SPS-PD-6	BM-3001	8" x 4' Square Duct Plenum	73.20
SPS-T-4	BM-3002	8" Plenum Tee	109.80
SPC144A	SPC144A	9" Plenum Tee	81.00

Take Off Kits

Part #	Mfg. #	Description	Price
AC-TKFS-2	AC-TKFS-2	Takeoff Kits/Duct Board Rectangular - Box of 2	38.34
AC-TKFS-5	AC-TKFS-5	Takeoff Kits/Duct Board Rectangular - Box of 5	95.82
BM-3008	BM-3008	Plenum Takeoff Rectangular Old#6843	19.76
BM-6843	BM-6843	Plenum Take-Off Rectangular (AC-TORD)	13.90

Return Air Duct

- Special sound absorbing type

Part #	Mfg. #	Description	For Fan Coil Unit	Sizes	Price
SPC4	SPC4	10' Long	ESP-2430	2 & 2 1/2 Ton	219.58
SPC5	SPC5	10' Long	ESP-3642D	3 & 3 1/2 Ton	308.46
SPC6	SPC6	10' Long	ESP-4860D	4 & 5 Ton	362.48

Return Air Box

- Return air box includes filter grille

Part #	Mfg. #	Description	For Fan Coil Unit	Sizes	Price
SPC1D	SPC1D	Return Air Box w/Washable Filter	ESP-2430	2 & 2 1/2 Ton	270.18

Typical Installation - High Velocity Plenum Duct (Continued)

Return Air Box

Part #	Mfg. #	Description	For Fan Coil Unit	Sizes	Price
SPC2D	ACRBF3/ SPC2D	Return Air Box w/Washable Filter	ESP-3642D	3 & 3 1/2 Ton	348.52
SPC3D	SPC3D	Return Air Box w/Washable Filter	ESP-4860D	4 & 5 Ton	369.06

Transition Kits

Part #	Mfg #	Description	Price
SPTD3	BM-6920	Transition Kit For ESP-4860	191.36

Installation Kits

Part #	Mfg. #	Description	Price
AC-IKLT-2	ACIKLT2	Installation Kit for 2 Terminators includes: 2 Sound Attenuating Tubes (w/ assembled Kwik Connects), 4 Kwik Connects, 2 Plenum Take-Offs (w/ clips & gaskets), 2 Terminator Plates (w/ clips & screws), 3 Balancing Orifices (1 each: 15%, 35%, 50% reduction), 2 Winter Supply Air Shut-Offs (Take offs sold separately)	191.68
AC-IKLT-5	ACIKLT5	Installation Kit for 5 Terminators includes: 5 Sound Attenuating Tubes (w/ assembled Kwik Connects), 10 Kwik Connects, 5 Plenum Take-Offs (w/ clips & gaskets), 5 Terminator Plates (w/ clips & screws), 6 Balancing Orifices (2 each: 15%, 35%, 50% reduction), 5 Winter Supply Air Shut-Offs (Take offs sold separately)	480.96

Minimum and Recommended Number of Outlets

Size	Nominal Tonnage	Recommended Outlets *
2430	2	12
2430	2½	15
3642	3	18
3642	3½	21
4860	4	24
4860	5	30

* The minimum or recommended number of outlets means fully open outlets. Any outlet having an orifice would be only a percentage of an outlet.

Use with all stye supply plenums. Take offs order separately.

R-410A Conversion Kits

Part #	Mfg. #	Description	Price
BM-2538	BM-2538	R-410A Conv. Kit for ESP-2430D/V	179.54
BM-2539	BM-2539	R-410A Conv. Kit for ESP-3642D/V	209.46
BM-2540	BM-2540	R-410A Conv. Kit for ESP-4860D/V	179.54

SpacePak® High Velocity Mini-Duct Air Conditioning

Heat Strips

Part #	Mfg. #	Description	Price
EDH-2430D	BM-6927	10kw Heat Strip for ESP2430 & 3642, 4860D/V *	895.18
EDH-3642D	BM-6928	15kw Heat Strip for ESP3642D/V & 4860	1277.44
EDH-4860D	BM-6929	20kw Heat Strip for ESP4860D	1592.68

* Requires Two Plus "Y" or Tee connection 24" downstream of "H" duct

Tools

Part #	Mfg. #	Description	Price
SPC72	SPC72	Pliers (Plenum Take-off Clip Spreader)	52.28
SPC7110	SPC7110	2" Fiberglass plenum hole cutter	16.04

Parts & Accessories

Part #	Mfg. #	Description	Price
BM-3007	BM-3007	10 x 10 Rectangular Plenum Adapter Plate	58.24
BM6845	BM-6845	Replacement Terminator Plate	19.78
BM-7353	BM-7353	Anti-frost ESP-D	57.50
SPC2250	SPC2250	Plenum Takeoff Fastener Clips	0.58
SPC3810	SPC3810	Kwik Connects, Fits All	10.30
SPC4210	SPC4210	Winter Supply Air Shutoffs	15.42
SPC4310	SPC4310	Adjustable Damper	30.50

24/7/365

Emergency Services

Available at 2-J

We Stand Beside You
To Support Your Customers

Air Handlers / Parts

"B" Series Air Handlers



- Rifled copper tubing
- Patented lance fin design
- Ratings in conformity with ARI Standard 210
- 5 Year warranty on coils & parts

Multi-Position Air Handlers - Constant Speed Blower - 13 SEER

- Florator metering device
- Right hand refrigeration & drain connections
- 12 MBTUH thru 36 MBTUH Units - Slant Coil
- 31 MBTUH thru 60 MBTUH Units - A-Coil

Part #	Mfg #	Nom Cool Size	Volts/Phase @60 Hz	Lineset Liquid x Vapor	Filter Size	Price
BCRMB3225	BCRMB3225-S002	2.0 Ton	240-208/1/60	3/8" x 3/4"	16" x 20"	Spec Ord
BCRMB9237	BCRMB9237-S002	3.0 Ton	240-208/1/60	3/8" x 7/8"	18" x 25"	Spec Ord
BCRMC4248	BCRMC4248-S002	4.0 Ton	240-208/1/60	3/8" x 7/8"	18" x 25"	Spec Ord
BCRMC7260	BCRMC7260-S002	5.0 Ton	240-208/1/60	3/8" x 7/8"	20" x 25"	Spec Ord

Electric Heater Kits

- Includes heating element, thermal limits, sequencer(s), circuit breaker(s), mounting kit

Part #	Mfg #	Description		Price
655009-07	655009-07	10 kW Heater Strip With Breaker	For All Units	158.00
655010-09	655010-09	15 kW Heater Strip	For 3-1/2 to 5 Ton Units	218.00
655010-11	655010-11	20 kW Heater Strip	For 3-1/2 to 5 Ton Units	258.00

TXV Valves

Part #	Mfg #	Description		Price
HPTXV3	065616201	TXV Valve	For 1.5-3.0 Ton Heat Pump or A/C	100.00
HPTXV5	96-AACE5HAA 65616202	TXV Valve	For 3.5-5.0 Ton Heat Pump or A/C	100.00

Counterflow Conversion Kits

Part #	Mfg #	Description		Price
655017-00	655017-00	Counterflow Conversion Kit	For 25/30/36 MBTUH	98.00
650564-00	650564-00	Counterflow Conversion Kit	For 31, 37-48 MBTUH	83.96
650565-00	650565-00	Counterflow Conversion Kit	For 48-60 MBTUH	78.34

ADP Parts

Part #	Mfg #	Description	Price
12W61	65873175	Counterflow Kit (2843322)RBC Air Handlers	52.00

Evaporator Coils

Uncased Evaporator Coils

- Refrigerant connections are 3/8" ODF liquid and 3/4" ODF (18-36 MBTUH) or 7/8" ODF (42-60 MBTUH) suction
- Florators standard, optional factory or field installed screw-on expansion valves available for R-22, R-410A, AC or HP
- 5-Year warranty



Uncased "A" Coil With Florator Metering Device - RH Drain

10 SEER Coils

Part #	Mfg #	Tons	Size (W x D x H)	Lineset Liq x Vapor	Piston	Price
AV24	HA01224A130A000059	2.0	13" x 19-1/2" x 10-1/2"	3/8" x 3/4"	59	258.00
AV30	HA02230A130A000067	2.5	13" x 19-1/2" x 12-1/2"	3/8" x 3/4"	67	278.00
AV36	HA03236A140A000073	3.0	14" x 19-1/2" x 14-1/2"	3/8" x 3/4"	73	318.00
AV42	HA04242A155A000080	3.5	15-1/2" x 19-1/2" x 16-1/2"	3/8" x 3/4"	78	378.00
AV48	HA05248A170A000084	4.0	18" x 19-1/2" x 18-1/2"	3/8" x 7/8"	84	398.00
AV60	HA14260A200A000093	5.0	19-1/2" x 19-1/2" x 22-1/2"	3/8" x 7/8"	93	558.00

13 SEER Coils

Part #	Mfg #	Tons	Size (W x D x H)	Lineset Liq x Vapor	Condenser Match	Price
HE31224A13	HE31224A130A000059	2.0	13" x 19-1/2" x 13"	3/8" x 3/4"	2AC13L18, 24	358.00
HE31230A13	HE31230A130A000067	2.5	13" x 19-1/2" x 13"	3/8" x 3/4"	2AC13L30	378.00
HE32236A14	HE32236A140A000073	3.0	14" x 19-1/2" x 15"	3/8" x 3/4"	2AC13L30, 36	418.00
HA12248A17	HA12248A170A000084	4.0	17" x 19-1/2" x 19"	3/8" x 7/8"	2AC13L42, 48	458.00
HA13248A17	HA13248A170A000084	4.0	17" x 19-1/2" x 21"	3/8" x 7/8"	2AC13L48	478.00
HE50260A21	HE50260A210A000093	5.0	21" x 19-1/2" x 25"	3/8" x 7/8"	2AC13L60	718.00

Pistons

Part #	Mfg #	Description	Tons	Price
#53	HC0530	Orifice for Advanced Dist. Coil	1.5	6.00
#55	HC0550	Orifice for Advanced Dist. Coil	1.5	6.00
#59	HC0590	Orifice for Advanced Dist. Coil	2.0	6.00
#62	HC0620	Orifice for Advanced Dist. Coil	2.0	6.00
#63	HC0630	Orifice for Advanced Dist. Coil	2.0	6.00
#67	HC0670	Orifice for Advanced Dist. Coil	2.5	6.00
#76	76794700	Orifice for Advanced Dist. Coil	2.5	6.00
#71	HC0710	Orifice for Advanced Dist. Coil	3.0	6.00
#73	HC0730	Orifice for Advanced Dist. Coil	3.0	6.00
#80	HC0800	Orifice for Advanced Dist. Coil	3.5	6.00
#84	HC0840	Orifice for Advanced Dist. Coil	4.0	6.00
#90	HC0900	Orifice for Advanced Dist. Coil	4.0	6.00
#93	HC0930	Orifice for Advanced Dist. Coil	5.0	6.00
#101	HC1010	Orifice for Advanced Dist. Coil	5.0	6.00
#99	76700512	Orifice for Advanced Dist. Coil	5.0	6.00

Expansion Valves

Part #	Mfg #	Description	Price
HPTXV3	065616201	TXV Valve For 1.5-3.0 Ton Heat Pump or A/C	100.00
HPTXV5	96-AACE5HAA 65616202	TXV Valve For 3.5-5.0 Ton Heat Pump or A/C	100.00

Evaporator Coils

Advanced Distributor Products®

Cased Evaporator Coils

Cased "A" Coils



Part #	Tons	Width	Price
DA12248E205	T-Ton	20.5" Wide	538.00

Painted Cased "A" Coils

Part #	Tons	Width	Price
DE31224E135	2.0 Ton	13.5" Wide	438.00
DE31230E135	2.5 Ton	13.5" Wide	438.00
DE32236E142	3.0 Ton	14.25" Wide	478.00
DE32236E17	3.0 Ton	17.0" Wide	478.00

TXV's - R-410A

Part #	Tons	Price
65026400	3.5 - 5.0 Ton	100.00
65026401	2.0 - 3.0 Ton	105.56

Counterflow Conversion Kits

Part #	Description	Price
65056200	Kit Counterflow Conversion 18-24	76.66
65056300	Kit Counterflow Conversion 30-36	78.34

Motors

Part #	Description	Price
76700542	RBCS 18-30 (old # 76700382)	204.70

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HVAC Equipment

13 SEER Ductless Single Zone Mini-Split Heat Pumps

- Features:
  - Full featured remote
  - Auto operation
  - Adjustable sleep mode settings
  - Hot start on heat pump models
  - 24-Hour Timer
  - Washable filters
  - Horizontal & vertical louver settings
- Systems include linesets & wire kits
- 5-Year warranty on compressor, 1-year warranty on parts



Part #	Voltage	BTU Heat/Cool	Lineset	Price
SMH09SA-0	115/60/1	9000/10,000	0804-5	1413.24
SMH12SA-0	115/60/1	12,000/13,000	0804F	1568.72
SMH18SA-1	230/60/1	18,000	1004F	2515.66
SMH24SA-1	230/60/1	24,000	1004F	2857.60

Linesets

Part #	Description	Price
25-1412	1/4" x 1/2" x 25' Length Double Insulated	202.34
25-1438	1/4" x 3/8" x 25' Length Double Insulated	198.00
25-5838	5/8" x 3/8" x 25' Length Double Insulate	268.00

Control Wire

Part #	Description	Price
7608-251	1000' for Mini-split	2.18

PTAC Units

- Features:
  - Enhanced dehumidification to lengthen cooling cycles
  - Low temperature protection
  - Continuous fan operation or fan cycling governed by thermostat
  - Condensate dispersion
  - Filtered ventilation
  - Clearly labeled digital controls
  - Electronic temperature limiter with (4) pre-programmed temperature ranges
  - Random restart
- Units come with "Smart Controls" to add optional Front Desk Control & Remote Thermostats
- 5-Year warranty on compressor, 1-year warranty on parts



EKTC Cooling with Electric Heat

Part #	Voltage	BTUH	Heat	Price
EKTC15-150M	208/230	15,000	5 kW	1678.32

Heat Pumps with Electric Heat

Part #	Voltage	BTUH	Heat	Price
EKTH12-150M	208/230	12,000	5 kW	1838.78
EKTH15-150M	208/230	15,000	5 kW	1829.22

Accessories

Part #	Description	Price
SGK01B	Exterior Grille	61.08
AWS900D	Wall Sleeve	187.48

Enerco Heaters

*** Call For Availability ***

Infra-Red Heater

- For garages, utility shops, storage shed, patios, auto repair shops, farm buildings
- Not for living areas
- Thermostatically controlled
- 1/2" gas inlet
- 30° normal mounting position
- 29-3/4"L x 12-1/4"W x 7"H
- 1-Year warranty on gas control
- 5-Year warranty on burner



Mfg #	Model	Gas Type	BTUH	Price
F125545	H22L	LP	22,000	558.00
F125444	H25N	Natural	25,000	558.00

Gas Unit Heaters (Special Order)

- For residential garages, workshops, storage buildings, warehouses, metal buildings, and agricultural buildings
- 1/2" Gas connection
- Easily installs from ceiling with 2 angle brackets (included)
- Power exhaust allows for vertical or horizontal venting
- Designed for right or left side venting
- Aluminized tubular heat exchanger for maximum efficiency and longer life
- Spark ignition features self-diagnostic control module
- 3-Year limited warranty on parts and burner
- 10-Year limited warranty on heat exchanger



Mfg #	Heating Area	Gas Type	Input BTUH	Output BTUH	CFM	Flue Size	Price
HSU-45LP	700 Sq. Ft.	LP	45,000	36,450	750	3"	Spec Ord
HSU-45NG	700 Sq. Ft.	Natural	45,000	36,450	750	3"	Spec Ord
HSU-75LP	1000 Sq. Ft.	LP	75,000	60,000	950	4"	Spec Ord
HSU-75NG	1000 Sq. Ft.	Natural	75,000	60,000	950	4"	Spec Ord

Patio Heaters (Special Order)

- Stainless steel components with polished heavy gauge chrome plated steel base
- Radiates heat 360°
- Reliable Piezo igniter; control knob has off, pilot position, and low to high variable
- Heater features a flame safety shutoff that automatically shuts off the gas supply if the flame goes out
- Wind resistant pilot light and tip switch
- Design eliminates possibility of small insects entering the gas train and blocking flow
- 1-Year residential warranty, 90 day commercial warranty



Mfg #	Model #	BTUH	Gas Supply	Operating Time	Height	Shipping Weight	Price
F270950	MH40LP	40,000	20Lb LP Propane Cylinder (Not Incl)	10.8 Hrs	7 Ft	67 Lbs	Spec Ord

Enerco Heaters

*** Call For Availability ***

ERXL Low-Intensity Radiant Tube Heaters - Natural Gas

Installs as "Straight" or U-Tube" Configurations

- 120 Volt, 60 Hz
- Heaters equipped with silicon carbide hot surface ignition and electronic safety circuitry
- 4" Aluminized steel tubing - 16 gauge
- Outside or inside air for combustion
- 1/2" NPT gas connection
- 4" OD flue connection
- 10-Year limited warranty on all electrical components, burner and tubes



Mfg #	Model Number	BTUH	Length	Mounting Height	Shipping Weight	Price
F107402XL	ERXL80N	80,000	30'	12' - 15'	110 Lbs	Spec Ord
F107404XL	ERXL100N	100,000	40'	12' - 15'	150 Lbs	Spec Ord
F107414XL	ERXL100NS	100,000	30'	12' - 15'	130 Lbs	Spec Ord
F107406XL	ERXL125N	125,000	50'	14' - 19'	170 Lbs	Spec Ord
F107416XL	ERXL125NS	125,000	40'	14' - 19'	150 Lbs	Spec Ord
F107408XL	ERXL150N	150,000	50'	15' - 25'	170 Lbs	Spec Ord
F107418XL	ERXL150NL	150,000	60'	15' - 25'	190 Lbs	Spec Ord
F107420XL	ERXL175N	175,000	50'	15' - 25'	170 Lbs	Spec Ord
F107422XL	ERXL175NL	175,000	60'	15' - 25'	190 Lbs	Spec Ord

HST Low-Intensity Infrared Radiant Tube Heaters

Compact - 3" Aluminized Steel U-Tube Design

- 120 Volt, 60 Hz, single phase, 1 amp
- 1/2" Male NPT gas connection
- 3-Year limited warranty on parts and burner
- 10-Year limited warranty on tube



Mfg #	Model Number	Gas Type	BTUH	Manifold Pressure	Length	Shipping Weight	Price
F108850	HST45N	Natural	45,000	4.0" wc	10'	91 Lbs	1576.00
F108851	HST45LP	LP	45,000	10.0" wc	10'	91 Lbs	1576.00

Enerco Heaters

*** Call For Availability ***

High-Intensity Infrared Heaters - Natural Gas

- Adjustable thermostat
- CSA Certified
- 1-Year limited warranty on gas control
- 10-Year pro-rated limited warranty on burner
- DSP-5 Option:
  - Automatic Spark Ignition on pilot with safety burner shutoff
  - 24 VAC control with intermittent pilot (Pilot is off when heater is off
  - Transformer 120V/24V shipped loose with heater
- NOTE:
  - All 4000 series heaters are shipped with a 40,000 BTUH burner orifice. An additional orifice is included to convert heater to 30,000 BTUH
  - All 8000 series heaters are shipped with 60,000 BTUH orifices. Additional orifices are included to convert to 50,000 and 70,000 BTUH
  - All 9000S series heaters are shipped with 100,000 BTUH orifices. Additional orifices are included to convert heater to 80,000 and 90,000 BTUH

HEATSTAR by ENERCO



Mfg #	Model Number	BTUH	Clearance to Combustibles Top	Sides	Back	Below	Reflector Dimensions L x W x H	Shipping Weight	Price
F140628	4040-NDSP-5	40,000	34"	30"	30"	66"	27-1/2" x 15 x 6-3/8"	25 Lbs	Spec Ord
F180628	8060-NDSP-5	60,000	40"	30"	30"	84"	42-1/2" x 15" x 6-3/8"	34 Lbs	Spec Ord
F191828	9100S-NDSP-5	100,000	48"	46"	46"	118"	55-1/2" x 15" x 6-3/8"	61 Lbs	Spec Ord

Portable Indoor Propane Heaters

- Designed and approved for indoor use
- Automatic low-oxygen shut off system
- Quiet, odor-free, lightweight, portable
- 4,000 and 9,000 BTU high and low setting
- Heats up to 200 square feet

Mr. Heater



Mfg #	Description	Price
F273400	Mr. Heater Buddy Portable Propane Heater	199.00

Enerco Parts

Mfg #	Description	Price
F114581	Bracket For High Intensity Heater	Spec Ord
F106414	U-bend 180 Degree Kit	Spec Ord
F117370	Chain Kit (1 Required Per 10')	Spec Ord

Heaters / Furnaces

Empire® Residential Gas Heaters

Infrared Vent-Free Heaters

Manual 1-Heat Setting

- Standing pilot/ Piezo ignition systems



Part #	Input BTU	Desc	Ship Wt (lb)	Price
SR-6 NAT	6,000	NG	18	352.00
SR-6 LP	6,000	LP	18	352.00
SR-10 LP	10,000	LP	18	352.00

Manual 3-Heat Setting

- Standing pilot/Piezo ignition systems



SR-18

Part #	Input BTU	Desc	Ship Wt (lb)	Price
SR-18 NAT	18,000	NG	27	426.00
SR-18 LP	18,000	LP	27	426.00
SR-30	30,000	NG	35	582.00

Hydraulic Thermostats

- Standing pilot/Piezo ignition systems



SR-30T

Part #	Input BTU	Desc	Ship Wt (lb)	Price
SR-10T	10,000	NG	18	488.00
SR-10T LP	10,000	LP	18	448.00
SR-18T	18,000	NG	27	562.00
SR-18T-LP	18,000	LP	27	562.00
SR-30T	30,000	NG	35	724.00
SR-30T-LP	30,000	LP	35	724.00

Heater Accessories

Part #	Description	Price
SRB-18	Blower for SR-18	196.00
SRB-18T	Automatic Blower for SR-18T	196.00
SRB-30T	Automatic Blower for SR-30T	196.00
TMV	Millivolt Thermostat	46.00

Blue Flame Vent-Free Room Heaters

- Visual warmth of an alluring blue flame
- Modulating hydraulic thermostat



BF-30

Part #	Input BTU	Dimensions	Price
BF-10 NAT	10,000	18" x 6-1/2" x 22"	Spec Ord
BF-10 LP	10,000	18" x 6-1/2" x 22"	Spec Ord
BF-20 NAT	18,000	18" x 6-1/2" x 22"	488.00
BF-20 LP	20,000	18" x 6-1/2" x 22"	488.00
BF-30	30,000	24-1/8" x 6-1/2" x 22"	580.00
BF-30 LP	30,000	24-1/8" x 6-1/2" x 22"	580.00

Console Vented Room Heaters

- Hydraulic thermostat control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Desc	Ship Wt (lb)	Price
RH-25	25,000	NG	84	1052.00
RH-25-LP	25,000	LP	84	1052.00
RH-35	35,000	NG	88	1152.00
RH-35-LP	35,000	LP	88	1152.00

Heaters / Furnaces

Visual Flame Room Heaters

- Hydraulic thermostat control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Desc	Ship Wt (lb)	Price
RH-50B	50,000	NG w/Blower	124	1718.00
RH-50B-LP	50,000	LP w/Blower	124	1718.00
RH-65B	65,000	NG w/Blower	142	1876.00
RH-65B-LP	65,000	LP w/Blower	142	1876.00

RH Room Heater Accessories

Part #	Description	Price
RAD-8	Radiant's & Supports For RH50B & 60B	Spec Ord
RH425	35" x 22" Floor Pad For RH 325, 340, 350, 370	93.86

Empire® Residential Furnaces

Direct Vent Wall Furnaces - DV-210/DV-215

- Millivolt wall thermostat control
- Standing pilot/Piezo ignition system



DV210



DV215

Part #	Input BTU	Desc	Ship Wt (lb)	Price
DV-210-SG	10,000	NG	42	950.00
DV-210-SG-LP	10,000	LP	42	950.00
DV-215-SG	15,000	NG	60	1064.00
DV-215-SG-LP	15,000	LP	60	1064.00

Direct Vent Wall Furnaces - DV-25/DV-35

- Millivolt wall thermostat control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Desc	Ship Wt (lb)	Price
DV-25-SG	25,000	NG	98	1318.00
DV-25-SG-LP	25,000	LP	98	1318.00
DV-35-SG	35,000	NG	101	1430.00
DV-35-SG-LP	35,000	LP	101	1430.00

Direct Vent Wall Furnace Accessories

Part #	Description	Price
DVB-1	Automatic Blower DV-210 & 215	232.00
DRB-1	Automatic Blower DV-25 & 35	238.00

Direct Vent Counterflow Wall Furnaces

- Standing pilot/Piezo ignition system
- 24V Wall thermostat



Part #	Input BTU	Desc	Ship Wt (lb)	Price
DV-55-SPP	55,000	NG	140	2088.00
DV-55-SPP-LP	55,000	LP	140	2088.00

Heaters / Furnaces

Counterflow Vented Wall Furnaces

- Standing pilot/Piezo ignition system
- 24V Wall thermostat control



Part #	Input BTU	Desc	Ship Wt (lb)	Price
FAW-55-SPP	55,000	NG/LP	135	Spec Ord
FAW-55-SPPLP	55,000	LP	135	Spec Ord

Gravity Wall Furnaces

- Millivolt wall thermostat control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Desc	Ship Wt (lb)	Price
GWT-25	25,000	NG	98	866.00
GWT-35	35,000	NG	101	932.00
GWT-50	50,000	NG Dual Wall	156	1300.00

Gravity Wall Furnace Accessories

Part #	Description	Price
GWRB-T	Remote Bulb Thermostat	Spec Ord
GWTB-2	Automatic Blower Kit	333.00

Floor Furnaces

- Millivolt wall thermostat control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Desc	Ship Wt (lb)	Price
3588-2	32,500	NG	108	1742.00
3588-LP	32,500	LP	108	1742.00
5088	45,000	NG	128	1850.00
7088	65,000	NG	152	2162.00
7088-LP	65,000	LP	152	2162.00

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Fireplaces / Accessories

*** Call For Availability ***



Empire® Fireplace Products

Freestanding Vent-Free Firebox

(Requires a Pedestal Kit)

- On/off millivolt temperature control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Venting	Ship Wt (lb)	Price
BWVF-30 LP	32,000	LP	65	1015.52

Freestanding Pedestal

Part #	Description	Price
BWFK-1	Pedestal Kit for Freestanding Firebox	348.06

Classic Cast Iron Fireboxes

Requires a stove casting

- Vent-free
- On/off millivolt temperature control
- Standing pilot/Piezo ignition system



Part #	Input BTU	Venting	Ship Wt (lb)	Price
CIVF-25 NAT	25,000	Nat	64	839.44

Vail Full-Size Vent-Free Fireplace With Logs

- "Charred Oak" Slope Glaze Burner Logs
- Modulating hydraulic thermostat
- Standing pilot/Piezo Ignition system
- Remote ready



Part #	Input BTU	Description	Price
VFHS-36R LP	36,000	On/Off Millivolt	1501.44

Vail Basic Vent-Free Fireplace

- Modulating hydraulic thermostat
- Remote ready

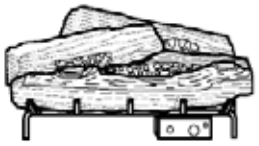
Part #	Input BTU	Description	Price
VF-20	20,000	Natural Gas	518.00

Free Standing Blower Kit

Part #	Description	Price
BWFB-1	Freestanding Blower Kit	208.84

Gas Logs for Vented/Vent-Free

- Glaze burner system
- Vent-Free logs convert to vented logs by opening flue damper
- Standing pilot/Piezo ignition system



Part #	Description	Price
VFSV-16C LP	16"L "Charred Oak" 25,000 BTUH, Variable Remote	882.70
VFYM-24SO LP	24"L "Split Oak" 36,000 BTUH, Manual, 3 Heat Settings	651.08

Mantels

Full Flush Mounted Cabinet Mantels

- Order 3/4" frame



Part #	Description	Price
EHM33-CF	33" Large, Cherry	Spec Ord

Mantel Bases

Part #	Description	Price
EHB33-CF	33" Large Hearth Base, Cherry	Spec Ord
EHB33-COF	Corner Large Base, Cherry	Spec Ord

Unit Heaters

Unit Heaters

- Easy to clean, low maintenance inshot burner assembly
- Quiet fan operation
- Power venter allows horizontal or vertical venting
- Self diagnostic board with indicator light
- Direct spark ignition
- Dependable tubular heat exchanger design
- Permanently lubricated fan motor eliminates the need for annual maintenance

FSA Cayenne Unit Heater

- 80% to 81% Thermal efficiency range
- Economical heating of residential garages where a low profile is preferred
- Category I or III horizontal venting available for added flexibility
- Gas, electrical and flue connections can be changed from one side to the other by simply flipping the heater over
- Low-voltage terminal strip simplifies wiring
- Self-diagnostic board with indicator light makes troubleshooting simple
- Blinking LED signals operating status and simplifies troubleshooting
- 100% lockout safely shuts unit down after three ignition attempts
- Diagnostic board automatically retries ignition after one-hour lockout
- Mounting brackets allow fast installation with a professional appearance
- Warranty
  - 2-Year limited warranty on unit
  - 15-Year limited warranty on stainless steel heat exchanger



Part #	Input BTUH	Total Output Natural	Total Output LPG	Air Volume CFM	Flue Size	Dimensions H x W x D	Price
FSAN-30	30,000	24,300		536	3" (4)	12" x 25" x 185'	898.00
FSAP-30-LP	30,000		24,300	536	3" (4)	12" x 25" x 185'	918.00
FSAN-45	45,000	36,450		750	3" (4)	12" x 25" x 185'	938.00
FSAP-45-LP	45,000		36,450	750	3" (4)	12" x 25" x 185'	934.00
FSAN-60	60,000	48,000		930	4" (5)	12" x 25" x 185'	1078.00
FSAP-60-LP	60,000		48,000	930	4" (5)	12" x 25" x 185'	1078.00
FSAN-75-1	75,000	60,000		950	4" (5)	17" x 25" x 25'	1118.00
FSAP-75-LP	75,000		60,000	950	4" (5)	17" x 25" x 25'	1118.00

( ) Residential horizontal vent

All Items Not Stocked in All Branches - Call for Availability

Unit Heaters

SEP Series Gas Fired Propeller

- 80% Thermal efficiency and 78% seasonal efficiency
- Economical heating of commercial buildings
- Category I or III horizontal venting available for added flexibility
- Power exhaust
- Blinking LED signals operating status and simplifies troubleshooting
- 100% lockout safely shuts unit down after three ignition attempts
- Diagnostic board automatically retries ignition after one-hour lockout
- Low-voltage terminal strip simplifies wiring
- AGA & CGA Certified & listed by the California Energy Code
- Warranty
  - 2-Year limited warranty on unit
  - 15-Year limited warranty on stainless steel heat exchanger



Part #	Input BTUH	Total Output Natural	Total Output LPG	Air Volume CFM	Flue Size *	Dimensions H W D	Price
SEP115	115,000	92,000		1900	4"	32-3/16" x 20-3/16" x 31-5/16"	1338.00
SEP115LP	115,000		92,000	1900	4"	32-3/16" x 20-3/16" x 31-5/16"	1498.00
SEP145	145,000	116,000		1900	4"	32-3/16" x 20-3/16" x 31-5/16"	1498.00
SEP145LP	145,000		116,000	1900	4"	32-3/16" x 20-3/16" x 31-5/16"	1578.00
SEP175	172,500	138,000		2200	5"	32-3/16" x 41-1/8" x 31-5/16"	1598.00
SEP175LP	172,500		138,000	2200	5"	32-3/16" x 41-1/8" x 31-5/16"	1698.00
SEP200	195,000	156,000		4400	5"	32-3/16" x 41-1/8" x 31-5/16"	1678.00
SEP200LP	195,000		156,000	4400	5"	32-3/16" x 41-1/8" x 31-5/16"	1758.00
SEP230	230,000	184,000		4400	5"	32-3/16" x 41-1/8" x 31-5/16"	2058.00
SEP230LP	230,000		184,000	4400	5"	32-3/16" x 41-1/8" x 31-5/16"	2158.00
SEP300	300,000	241,500		4400	5"	32-3/16" x 41-1/8" x 31-5/16"	2338.00
SEP400	390,000	312,000		4400	6"	32-3/16" x 41-1/8" x 31-5/16"	2798.00

* Diameter of round pipe. Adaptor furnished with heater

ADP Parts

Part #	Description	Price
17J57	Direct Spark Igniter for SEP Series	11.70
32678	Fan Motor for SEP Series	128.38
19M54	Board Unit Heaters - Replaces 65K07, 43K49, 33J62	303.34
10J58	Ignition Control - Model 1 & 2 SEP 1 & 2	196.66
17J56	Sensor	10.00
19J04	Exhaust Motor	135.92
19J81	Limit Switch	8.38
33J39	Fan Motor	131.70
43K30	Power Vent Blower	140.00
60J59	Natural Gas Valve	83.34
78H55	Transformer	21.66
10J59	Switch Pressure	53.38
60J47	Switch Pressure (34M74)	29.00
20J89	Blower Flue	187.10
20J98	Control Limit	25.00

ADP Parts (Continued)

Part #	Description	Price
20J99	Limit Auxiliary	5.00
27K61	Motor Inducer For SAN45	136.70
33J77	Control Limit	13.38
27J29	Control Limit For SEP-175	17.60
33J94	Adapter Flue For SEP-60	43.40
767227	Board For SEP5 Models	151.66

2-J's Commitment to You:
Quality Products
+ Exceptional Service
+ Competitive Prices
= 2-J Value

Please Refer To The Back of This Catalog For Reference Sheets - On Formulas, Conversions, Etc. To Help In Your Every Day Operation

Linesets / Compressor Repair

Linesets



Part #	Length	Liquid x Suction		Price
15-3438	15'	3/4" x 3/8"		90.00
15-7838	15'	7/8" x 3/8"		126.00
20-5838	20'	5/8" x 3/8"		108.00
20-3438	20'	3/4" x 3/8"		118.00
20-7838	20'	7/8" x 3/8"		152.00
20-11/838	20'	1-1/8" x 3/8"		242.00
25-3438	25'	3/4" x 3/8"		146.00
25-7838	25'	7/8" x 3/8"		186.00
30-3438	30'	3/4" x 3/8		178.00
30-7838	30'	7/8" x 3/8"		188.00
35-34516	35'	3/4" x 5/16"		214.00
35-3438	35'	3/4" x 3/8"		208.00
35-7838	35'	7/8" x 3/8"		246.00
35-11/838	35'	1-1/8" x 3/8"	3/8" Insulation	310.00
40-5838	40'	5/8" x 3/8"		198.00
40-3438	40'	3/4" x 3/8"		208.00
40-7838	40'	7/8" x 3/8"		256.00
50-5838	50'	5/8" x 3/8"		166.00
50-34516	50'	3/4" x 5/16"		204.00
50-3438	50'	3/4" x 3/8"		258.00
50-7838	50'	7/8" x 3/8"		306.00
50-11/838	50'	1-1/8 " x 3/8"	3/8" Insulation	418.00

Compressor Terminal Repair Kit

- Three 36" long wires
- Three brass terminals with allen wrench, screws & plastic arc protector
- Standard factory 600V, 65 strand machine wire
- 10 ga wire



Part #	Mfg #	Description	Price
TERM-LOC10	TLC-3-10	Services 3-5 Ton	51.98

Crankcase Heaters



Part #	Mfg #	Description	Price
17473	CH100	240V/50W, 30-3/16" - 37" Oval	27.52

Condensate Pumps / HVAC Accessories

Condensate Pumps

- Thermal overload protection
- Includes check valve

VCL Series Automatic Condensate Pump

- 1 Gallon leak proof, rustproof, high impact ABS tank
- Discharge is 3/8" OD barbed tubing adapter
- Includes check valve
- 6' Power cord with 3-prong plug



Mfg #	Model	Description	Price
553101	VCL-14ULS	115V, 14' Shutoff, Safety Switch	162.30

VCC Automatic Low Profile Pump

- 1/3 Gallon tank
- Discharge is 3/8" OD barbed tubing adapter/check valve
- Pump engages in 1" of water & disengages in .45" of water
- 6' Power cord with 3-prong plug



Mfg #	Model	Description	Price
554200	VCC-20ULS	115V, 20' Shutoff, Safety Switch	93.00

VCMA Automatic Condensate Pumps

- 1/2 Gallon leak proof, rustproof, high impact ABS tank
- 3 Drain holes
- Discharge is 3/8" OD barbed tubing adapter/check valve
- 6' Power cord with 3-prong plug



Mfg #	Model	Description	Price
554401	VCMA-15UL	115V, 15' Shutoff	66.28
554405	VCMA-15ULS	115V, 15' Shutoff, Safety Switch	69.64
554455	VCMA-20ULS	230V, 20' Shutoff, Safety Switch	113.98

1-ABS Automatic Shallow In-Pan Design

- 1/4" MNPT discharge
- "On" in 1" of water & "Off" in 1/2" of water
- Can use with TKT Tank Kit



Mfg #	Model	Description	Price
550515	1-ABS	Auto 115V 6' Cord	149.98

Low Profile Condensate Pumps

- Vertical type pumping unit
- High impact ABS tank, ABS motor and tank covers, volute & impeller
- Thermally protected motor, stainless steel shaft
- Engages in 2.5" of water, disengages in 1.125"
- UL & CSA Approved

DIVERSITECH



Mfg #	Model	Description	Price
CP-22		115V 22' Lift, Safety Switch	65.22

Waterway Micropump Condensate Pump

- Contains its own sump
- 5-1/2" x 1-9/16" x 1-3/16" size
- Will lift water up to 10' moves & 2 gph
- Built-in filter protects pump from debris
- Built in non-return valves prevent water run-back

BRAMEC®



Mfg #	Description	Price
15063	110V Micropump For A/C Up To 60,000 BTUH	292.46

Check Valves

Check Valve For 1-ABS & 2EC-SPT



Mfg #	Model	Description	Price
599061	CV-2	1/4" FNPT to 1/4" OD Tubing	13.72

Check Valve For Series VCC, VCMA, & VCL-14/24



Mfg #	Model	Description	Price
599065	CV-10	1/4" MNPT to 3/8" ID Vinyl Tubing	10.30
154715	VCMA-15	3/8" OD Barbed	6.36

Condensate Pumps / HVAC Accessories

Condensate Overflow Safety Switch

- Low voltage
- Auxiliary condensate switch
- Turns unit off if condensate level approaches overflow



ACS-2
ACS-4 Not Pictured

Mfg #	Model	Description	Price
599123	ACS-2	48V AC/DC 18" Lead Wires	27.80
599125	ACS-4	24V AC 72" Lead Wires	37.62

Wet Switch Flood Detector

DIVERSITECH

- Solid state control
- Turns system off when detecting moisture due to condensate or drain leaks
- Connects to 24 VAC



Mfg #	Description	Price
WS-1	Wet Switch	65.54

Please refer to the back of this catalog for reference sheets on formulas, conversions, etc. to help in your every day operation

DIVERSITECH

DiversiWhips - Non-Metallic Connectors

- Liquid-tight flexible conduit system
- One straight & one 90° connector
- 90° Connector is removable for straight connections (2nd straight connector is not included)



Part #	Mfg #	Description		Price
17375	6-12-4NM	1/2" x 4'	#10 THHN	15.00
7803C	6-12-6NM	1/2" x 6'	#10 THHN	18.38
17379	6-34-4NM	3/4" x 4'	#8 THHN	19.76
7807	6-34-6NM	3/4" x 6'	#8 THHN	24.32

Electric Heater Element Replacement Section Kits

- Kits include a specific kW replacement element, two ceramic terminal insulator sets, plated bolts, nuts & washers



Part #	Mfg #	Contains	Price
34600	HEK-500	5,000W @ 240V, 54"-162" Min/Max In Place Length	16.22

Dolly Strap

- Move condensing units with ease
- Use in warehouse or job site



Part #	Mfg #	Description	Price
DS-1	DS-1	Dolly Strap	26.78

HVAC Accessories

Plastic Equipment Pads



Part #	Mfg #	Size (In)	Wt (Lbs)	Price
ACP2424	EL2424-2	24" x 24" x 2	7.0 lbs	18.50
ACP2430	EL2430-2	24" x 30" x 2	9.0 lbs	33.10
ACP2436	EL2436-2	24" x 36" x 2	11.0 lbs	33.12
ACP3030	EL3030-2	30" x 30" x 2	11.0 lbs	31.92
ACP3036	EL3036-2	30" x 36" x 2	13.0 lbs	43.90
ACP3040	EL3040-2	30" x 40" x 2	15.0 lbs	56.28
ACP3232	EL3232-2	32" x 32" x 2	13.0 lbs	34.98
ACP3636	EL3636-2	36" x 36" x 2	16.0 lbs	42.92
ACP3648	EL3648-2	36" x 48" x 2	29.0 lbs	66.20

Anti-Vibration Pads

The E.V.A Pad - Extreme Vibration Attenuation

- Composite foam core for greater vibration-dampening
- Outperforms cork and rubber by a margin of 3 to 1



Part #	Mfg #	Description	Price
MP-3E	MP-3E	3" x 3" x 7/8"	2.84

Duragrid® Condenser Pads

- Lightweight - 80% lighter than pre-cast concrete
- Solid wall construction
- Chemical resistant, UV stable



Part #	Size	Price
CARSON 2424	24" x 24" x 2"	42.94
CARSON 3030	30" x 30" x 2"	59.98
CARSON 3333	33" x 33" x 2"	68.78
CARSON 3636	36" x 36" x 2"	82.92
CARSON 3642	36" x 42" x 2"	104.84
CARSON 5050	50" x 50" x 3"	224.72

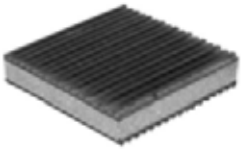
Super W Rubber Vibration Pads



Part #	Description	Price
R2X2SW	2" x 2" x 3/4"	1.84

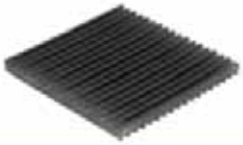
Cork/Rubber Anti-Vibration Pads

- Has a solid cross-ribbed design (3/8" thick)
- Ribbed design w/cork center (7/8" thick)
- Made from high quality elastomeric materials



Part #	Description	Price
6132	2" x 2" x 7/8"	0.64
6133	3" x 3" x 7/8"	1.44

All Rubber Anti-Vibration Pads



Part #	Description	Price
6433	3" x 3" x 3/8"	1.00

Wilson Concrete Bricks

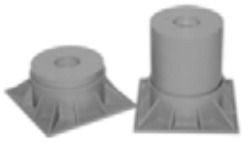
Part #	Description	Price
BRICK	2" x 3-3/4" x 7-1/2"	1.98

HVAC Accessories

BRAMEC®

Pump-Up® Equipment Stand

- Elevate heat pumps & air handling units
- Corrosion-resistant plastic
- Helps prevent corrosion of metal base
- Solid 6" x 6" mounting base
- Top diameter 4-1/8"



Part #	Description	Price
4005	3" High	4.18
4008 8	6" High	5.58

Screw-Up™ Equipment Stand

- Reduces or eliminates call back time
- Easy leveling of units during & after installation
- Simple to install
- Elevates heat pumps & air handling units
- Made of corrosion resistant plastic



Part #	Description	Price
4007	3" - 7" Adjustable	8.14

Air Conditioning Hanging Brackets



Part #	Description	Price
19880	36" A/C Bracket	53.72
19881	42" A/C Bracket	60.80

Cork Insulation Tape

- Supplied on easy to use rolls
- Adheres firmly to all metals
- Can be used on hot or cold pipes
- Won't dry or crack
- Stops condensation & drips



Part #	Size	Price
1006	1/8" x 2" x 30' Roll	17.20

Foam Tape

- Superior self-adhesive tape
- It is easily cut & molded
- Works on both hot & cold pipes
- Works well around valves & fittings



Part #	Size	Price
1007	1/8" x 2" x 30' Roll	8.50

THUM-GUM™ Sealing Compounds

- Non-hardening putty f/larger sealing jobs
- For plugging openings through foundations & refrigeration tube entry
- Does not contain asbestos



Part #	Size	Price
1003	1 lb Bag	3.98
1004	2 lb Box	7.80

THUM-GUM™ Caulking Cord

- A non-hardening putty
- Seals sink & drain boards
- Application temperature range: 60°F to 100°F



Part #	Size	Price
1005	3/16" x 100' Cord	9.20

HVAC Accessories

Dektite® Pipe Flashing

- One piece construction is easy to install
- Resistant to ozone & ultra-violet light



Part #	Mfg #	Description	Price
17669	4001910	#0 1/4" - 1-1/8" OD	17.50
17672	4009910	#3 1/4" - 4" OD	27.98
17673	4011910	#4 3" - 6" OD	34.90
17675	4018910	#6 5" - 9" OD	47.78
17676	4020910	#7 6" - 11" OD	83.64
17677	4025910	#8 7" - 13" OD	92.10

Galvanized Base No-Calk® Flashing

- Slides over pipe - for pitch to 40°
- Rustproof, 24 gauge
- Non-fading sealing collar
- Rated for 180°F continuous heat
- Approved for Type B installations
- UPC, SBCCI & BOCA Listed
- Not for hot-mopped or built-up roofs



Part #	Description	Price
11853	2" 9" x 12.5" Base	13.68
11866	3" 11" x 14.5" Base	11.92
11879	4" 12" x 16.0" Base	15.12

Garden Hose



Part #	Description	Price
13901	5/8" x 50' Economy	41.70

Clear Vinyl Tubing

- Clear, tough, flexible tubing
- Nominal wall thickness: 1/16"
- Excellent for A/C condensate drains



Part #	Size	Price
5125	1/4" ID x 100' Roll	21.02
5137	3/8" ID x 100' Roll	20.26
5150	1/2" ID x 100' Roll	33.04
5162	5/8" ID x 100' Roll	46.72
5175	3/4" ID x 100' Roll	61.98

Polyethylene Tubing

- Designed f/pneumatic control tubing
- Also f/water supply tubing, ice makers & humidifiers



Part #	Size	Price
5225	1/4" OD x 100' Roll	Spec Ord

Aluminum Tubing Kit

- For pilot light installation
- Kit includes fittings
- Meets ASTM B491 and B493
- Alloy 3003-00



Part #	Size	Price
AT 1/4	1/4" OD x .032 Wall 50' Coil	1.00

2-J's HVAC University

provides

You – Our Partner

affordable & convenient training for the latest innovations in our industry

HVAC Accessories

Super-Pan® Secondary Drain Pans

- High density polyethylene plastic
- Black, 2-1/2" deep
- 3/4" PVC fittings supplied
- Drain location: LS = long side; SS = short side; S = side



Part #	Bottom x Overall	Drain	Price
DP12X46	12" x 46", 14" x 48"	SS	33.16
DP24X24	24" x 24", 26" x 26"	S	31.52
DP27X29	27" x 29", 29" x 31"	LS	39.50
DP27X63	27" x 63", 29" x 65"	SS	59.50
DP30X30	30" x 30", 32" x 32"	S	36.64
DP30X50	30" x 50", 32" x 52"	SS	59.96

Secondary Condensate Drain Pan Fittings

- Can be hand tightened
- Connects to PVC, vinyl & Supertube, polyethylene, etc.



0655



0658

Part #	Description	Price
0655	3/4" PVC FIP Adapter w/ Nylon Nut	3.30
0658	3/4" PVC Slip Adapter w/ Nylon Nut	2.50

Goliath Secondary Drain Pans

AquaGuard



Horizontal Applications

- Includes:
  - AG-4200 Float switch
  - VI-4200 Vibration Isolator

Part #	Pan Size	Price
AG-G 28X56	28" x 56"	104.50
AG-G 28X65	28" x 65"	129.50
AG-G 30X60	30" x 60"	117.50

Furnace Series for Vertical Installation

- Includes:
  - AG-4322 Float switch
  - VI-4300 Vibration isolator

Part #	Pan Size	Price
AG-GF 30X36	30" x 36"	74.70

Float Switch

- Plastic switch is pest-resistant
- High-sensitivity
- 6' Lead is rustproof & waterproof
- Installation does not require a hole in the pan



Part #	Description	Price
AG1200	For Plastic or Metal Drain Pans	20.70

Humidifiers

Humidifiers - ComfortPlus Warm Air Heating Systems

Drum Type Bypass Humidifier

- Snap-lock fittings and reversible components for quick installation and maintenance
- Uses minimal water and electricity
- Durable thermoplastic cabinet resists rust, corrosion and warpage
- Components designed for easy cleaning



Part #	GPD	Avg House Sq. Ft	Plenum Opening H x W	Price
HDT2600	17	2,575	6-5/8" x 8-1/2"	Spec Ord

High-Capacity Bypass Flow-Thru Humidifier - Side Entry

- Reversible side panels permit easy-change left-side or right-side bypass installation
- Improved wicking and water distribution system allows for non-level plenums
- Durable thermoplastic cabinet resists rust, corrosion, and warpage
- Low profile makes unit ideal where space is limited



Part #	GPD	Avg House Sq. Ft	Plenum Opening H x W	Price
HFT2100	14	2,121	10" x 9"	205.98
HFT2700	18	2,725	10" x 9"	227.98

Steam Powered Humidifiers

- Uses minimal water
- Thermal fan interlock control allows unit to humidify air without furnace heat
- Includes flushing timer & chlorine remval filter
- Electrical
  - 2.0 kW, 240 VAC, 8.3 Amps



Part #	GPD	Avg House Sq. Ft	Duct Opening H x W	Price
HSP2600	17	2,575	10-1/2" x 8"	898.00

Humidifier Parts

Part #	Description	Price
000-0430-56	Element for HSP2600	Spec Ord

Humidifier Pads

- Includes clips

Part #	Description	Price
PAD-A04-1725-034	Pad for HDT2600 (Includes Clips)	17.00
PAD-A04-1725-052	Pad for HFT2100 (Includes Wick)	Spec Ord
PAD-A04-1725-051	Pad for HFT2700 & HFT2900FP (Includes Wick)	16.50

HERRMIDIFIER

Mister 50 Series - Atomizing Humidifiers

- Supply duct mount
  Duct opening 5" x 5-3/8"
- Wall/duct mount humidistat
- Self-piercing saddle valve
- 24V
- 2-Year warranty



Part #	Description	Price
MISTER 50	11.0 GPD, 6"W x 2-3/4"D x 6"H	186.70

Humidifier Parts

Part #	Description	Price
12004-02	120V Solenoid for Mister 50	113.98
12005	Thermostat for Mister 50	Spec Ord
12006-02	Nozzle for Mister 50	46.60
12018	Drip Sleeve for Mister 50	1.98
1210	Float & Valve Assembly for 465	39.18
1322	24V Motor for 447-C1, 465-C1, 1400	Spec Ord
1322-1	115V Motor for 447, 465, 2000	63.98
1405A	Float & Valve Assembly for 447, 1400, 2000 & 450	31.98
1408A	Side Clips for Herrmidifier	2.58
92 FLOAT	Float for 707SM & 707TW	31.98

GeneralAire Indoor Air Quality Products



Duct Steam D536 D515 | Elite Steam 12lbs/hr 230V 5.5lbs/hr 120V | Room Steam R536 R515

1000 Elite Humidifier
Power Fan - Flow Through
18 GPD

950 Elite Humidifier
Inch Bypass - Flow Through
20 GPD

900 Elite Humidifier
6 inch Bypass - Flow Through
17 GPD

570 Elite Humidifier
6 inch Bypass - Flow Through
12 GPD

Humidifiers Designed for Home Comfort — Power and Flow Through Duct-Mounted Humidifiers

1137 Humidifier
Power Fan - Flow Through
18 GPD

1042LH Humidifier
6 inch Bypass - Flow Through
19 GPD

109RLH Humidifier
7 inch Bypass - Flow Through
23 GPD

SL16 Humidifier
6 inch Bypass - Flow Through
20 GPD

81, 65 & 747L Humidifiers
Drum
18 GPD, 13.3 GPD & 16.0 GPD

Air Cleaners that Attack Dust and Airborne Particulates

HEPA Air Cleaners

AC 500 HEPA
99.97% Efficiency
@ .3 Microns

High-Efficency Media Air Cleaners

MAC1200
53.10% Efficiency
@ 3 Microns
MERV 8

MAC1400
61.80% Efficiency
@ 1 Microns
MERV 10

MAC2000
61.80% Efficiency
@ 3 Microns
MERV 10

Heat & Energy Recovery Ventilators

8160/8220 HRV

3160/3220 ERV

UVC Air Purifiers – Fight to eliminate germs and odors for healthy fresh indoor air quality.

GUV161

GUV2018

GUV2000

GUV25403

Humidistats - To control your comfort

MC Humidistat

E2 Electronic Humidistat

Dehumidifier – Whole House Comfort

1300 Whole House Dehumidifier
130 pint capacity

GENERALAire
Fresh Indoor Air Quality

General Filters, Inc.
Novi, Michigan

Call 2-J at 1-800-228-1325 www.GENERALAire.com

Humidifiers

Power Humidifiers - Drain Type

Model 1137 Flow-Thru Fan Powered Humidifiers

- Installs on vertical warm air supply plenum, no by-pass required
- 15" Wide x 9-1/2" High plenum opening
- Includes:
  - M-2 Humidistat
  - 990-13 Evaporator Pad
  - 15' Drain Hose 5/8" diameter
  - 24V solenoid valve
  - Saddle Valve
  - 10' Low Voltage wire
- Order 1/4" copper tubing separately



NEW !
5-Year Warranty

Part #	Description	Price
1137	18 GPD Plenum Temp @ 140°F	389.68

1137 Series Humidifier Replacement Parts



1137-26



1137-17

Part #	Description	Price
1137-26	Relay Assembly for 1137	Spec Ord
1137-17	Solenoid Valve Assembly for 1137	91.94
1137-4	Distribution Trough	26.68

Model 1042LH Flow-Thru Bypass Humidifier

- Installs on vertical warm air supply or cold air plenum
- 6" diameter side bypass duct (collar supplied)
- 10-1/4" Wide x 9-1/2" High plenum opening
- Includes:
  - M-2 Humidistat
  - 990-13 Evaporator Pad
  - 15' Drain Hose 5/8" diameter
  - 24V Transformer
  - 24V Solenoid valve
  - Saddle Valve
- Order 1/4" copper tubing separately



New !
5-Year Warranty

Part #	Description	Price
1042LH	19 GPD Plenum Temp @ 140°F	222.56

1042 Series Humidifier Replacement Parts



Solenoid Valve

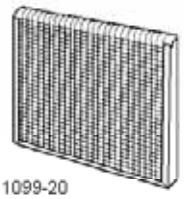
Part #	Description	Price
990-52	115V Solenoid Valve for 1042 (Incl Fittings)	116.84
990-53	24V Solenoid Valve for 1042 (Incl Fittings)	70.68

Replacement Evaporator Pads

- Aluminum evaporator material enclosed in heavy wire frame and channeling
- Pad has super absorbent coating



990-13



1099-20

Part #	Description	Price
990-13	For 1042LH, 1137 (9-3/4"W x 11-3/4"H)	17.44
1099-20	For 1099 (14-1/4"W x 12"H)	24.80

OEM Replacement Vapor Pads

- Fits Aprilaire® and Honeywell models

Part #	Fits Models	Price
10	7900 Aprilaire® 110, 200, 550/A, 558, Honeywell HE220, HE225	9.06
12	7901 Aprilaire® 112, 224, 440, 445	12.34
35	7902 Aprilaire® 350, 360, 560/A, 568, 760/A, 768, 700, Honeywell HE260, HE360, HE365	12.08

Humidifiers

Power Humidifiers - Drain Type

Model 570 Elite Series Bypass Humidifier with M-3 Humidistat

- Kinetic trough
- Stainless steel valve seats
- Mounts easily on warm or return plenum
- Plenum opening 9-3/8" W x 9-1/2" H
- 6" Diameter bypass duct
- 10-Year limited warranty



Part #	Description	Price
570	24V, 12.0 GPD	227.32

Model 900 Elite Series Bypass Humidifier with E2 Digital Automatic Humidistat

- Kinetic trough
- Stainless steel valve seats
- Mounts easily on warm or return plenum
- Plenum opening 8-3/4" W x 12" H
- 6" Diameter bypass duct
- 10-Year limited warranty



Part #	Description	Price
900	24V, 17.0 GPD	298.48

Power Humidifiers - Drum Type

Model 747L Drum Type Power Humidifiers

- Mount in any 16" wide horizontal warm air duct (may be installed in 12" duct - output will be reduced)
- Uses 727-12 Evaporator Sleeve
- Includes:
  - Mounting bracket
  - Built-in Temperature Humidity Control
  - 24V Plug-In Transformer
  - Saddle valve
  - 10' Water supply tubing
  - 10' Low voltage wire
- 2-Year warranty



Part #	Description	Price
747L	16.0 GPD Plenum Temp 140°F	296.06

Low Voltage Humidistats



Part #	Description	Price
M3	Low Voltage Humidistat	47.32

Non-Electric Humidifiers

Model 800 Non-Electric Humidifiers

- Mount on warm air plenum or furnace bonnet - humidifier extends into duct 7-1/2"
- Includes:
  - 880 Evaporator plates (set of 5)
  - Saddle valve



Part #	Description	Price
800	Plate Type Humidifier Less Tubing	111.86

Humidifiers

Replacement Evaporator Plates

- Universal fiberglass plates, 5/set



Part #	Description	Price
880	T-Bar Replacement Evaporator Plates (5)	13.14

Digital Humidistats

- Outdoor temperature compensating feature
- Operates in manual or automatic mode
- Adjustable calibration
- Wall or duct mount
- Large digital display
- Humidifier operation indicator



E2

Part #	Description	Price
E2	Humidistat Electronic for Model 900	124.40

Humidifier Replacement Parts

Part #	Description	Price
GA19	7919 Evaporator Pad for 900 Elite	9.96
727-12	Evaporator for 747	15.34
727-58	24V Transformer for 1040R, 81, 45, 40, 709	20.98
727-32	Float Block for 1099R, 1040R	8.08
7026	GA50 Aprilaire #50 24V Sensing Relay	26.32
975-10	Float Valve Assembly for 1099	22.38
975-48	Reservoir & Baffle Assembly	68.46

Solenoid Valve

- Compatible with:
  - GeneralAire Elite flow-through
  - Aprilaire
  - Honeywell

Part #	Description	Price
7221	GA4040 24V with Stainless Steel Seat	71.10

Self-Tapping Water Valve

- Installs on copper tube lines from 3/8" OD to 1-1/8" OD w/o drilling or shutting off water

BRAMEC®



Part #	Description	Price
0131	Self-Tapping Valve	4.38

No Wait Service at 2-J

Tell Us When You'll Be Here,
Your Order Will Be Ready

Air Filters

IRP Aprilaire

EZ Kleen® Permanent Air Filters

- High performance up to 650 fpm
- Bonded aluminum media
- Meets UL Class 2 requirements
- Baffle design

EZ KLEEN®



Part #	Nominal Size	Price
9801 20X25X1	20" x 25" x 1"	35.02
9803 16X25X1	16" x 25" x 1"	32.30
9804 16X20X1	16" x 20" x 1"	26.28
9856 10X20X1	10" x 20" x 1"	16.18

Glasfloss

Standard Disposable Filters



Part #	Size	Price
8X16X1	8" x 16" x 1"	10.68
10X10X1	10" x 10" x 1"	5.12
10X12X1	10" x 12" x 1"	10.68
10X16X1	10" x 16" x 1"	11.76
10X20X1	10" x 20" x 1"	5.12
10X24X1	10" x 24" x 1"	5.12
10X25X1	10" x 25" x 1"	5.12
10X30X1	10" x 30" x 1"	5.16
12X12X1	12" x 12" x 1"	6.28
12X18X1	12" x 18" x 1"	7.80
12X20X1	12" x 20" x 1"	5.12
12X24X1	12" x 24" x 1"	5.12
12X25X1	12" x 25" x 1"	5.12
12X30X1	12" x 30" x 1"	6.68
14X14X1	14" x 14" x 1"	7.12
14X20X1	14" x 20" x 1"	5.12
14X24X1	14" x 24" x 1"	7.12
14X25X1	14" x 25" x 1"	5.12
14X30X1	14" x 30" x 1"	7.76
15X20X1	15" x 20" x 1"	5.12

Standard Disposable Filters (Continued)

Part #	Size	Price
15X25X1	15" x 25" x 1"	5.36
16X16X1	16" x 16" x 1"	5.24
16X20X1	16" x 20" x 1"	4.72
16X22-1/4X1	16" x 22-1/4" x 1"	6.28
16X24X1	16" x 24" x 1"	7.12
16X25X1	16" x 25" x 1"	4.72
16X30X1	16" x 30" x 1"	8.88
18X18X1	18" x 18" x 1"	7.12
18X20X1	18" x 20" x 1"	6.60
18X25X1	18" x 25" x 1"	6.60
18X30X1	18" x 30" x 1"	9.40
20X20X1	20" x 20" x 1"	4.72
20X22-1/4X1	20" x 22-1/4" x 1"	6.68
20X24X1	20" x 24" x 1"	7.12
20X25X1	20" x 25" x 1"	5.08
20X30X1	20" x 30" x 1"	7.96
22X22X1	22" x 22" x 1"	6.96
22X25X1	22" x 25" x 1"	15.40
24X24X1	24" x 24" x 1"	6.96
24X30X1	24" x 30" x 1"	7.64
25X25X1	25" x 25" x 1"	6.96
12X24X2	12" x 24" x 2"	7.36
14X25X2	14" x 25" x 2"	7.36
15X20X2	15" x 20" x 2"	7.20
16X20X2	16" x 20" x 2"	7.20
16X24X2	16" x 24" x 2"	7.80
16X25X2	16" x 25" x 2"	7.20
18X24X2	18" x 24" x 2"	8.04
20X20X2	20" x 20" x 2"	7.20
20X25X2	20" x 25" x 2"	8.04
24X24X2	24" x 24" x 2"	8.36
25X25X2	25" x 25" x 2"	8.36

Hoghair Filters

- Rubberized hoghair

Part #	Size	Price
RHP20X25X1	20" x 25" x 1" Pad	11.92
RHP20X30X1	20" x 30" x 1" Pad	13.46
RHR25X30X1	25" x 360" x 1" Roll	0.52
RHR30X30X1	30" x 360" x 1" Roll	0.64

Air Filters

Foam Filters

Part #	Size	Price
UR24X25X1/4	24" x 25" x 1/4"	92.96

Filter Media



Part #	Size	Price
GR4-2 24	24" x 20" x 1"	27.50
GR4-4 30	30" x 20" x 1"	37.90
GR4-6 36	36" x 30" x 1"	43.50

MERV 11 Filter

- Self-supported, extended surface pleated
- For applications requiring high efficiency, non-shedding filtration media



Part #	Size	Price
M1116204	16" x 20" x 4"	22.78
M1116254	16" x 25" x 4"	22.76
M1120204	20" x 20" x 4"	28.38
M1120244	20" x 24" x 4"	33.06
M1120254	20" x 25" x 4"	32.52

Box Pleated Replacement Filters

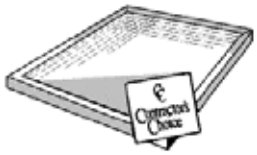


Part #	Size	Price
ABTM	Air Bear 16" x 25" x 3"	36.68
P25 20X20X5	Air Bear 20" x 20" x 5"	Spec Ord
AB500	Air Bear 20" x 25" x 5"	32.18
400HW	Honeywell 16" x 25" x 4"	52.84
700SG	Spacegard 2200/2250	54.20

PERMATRON

Contractor's Choice Filters

- Initial resistance: .08 in wg
- Dust removal 84%
- Lifetime warranty



Part #	Size	Price
CC1424	13-1/2" x 23-1/2" x 1"	103.40
CC1420	13-1/2" x 19-1/2" x 1"	97.52
CC1620	15-1/2" x 19-1/2" x 1"	97.52
CC1625	15-1/2" x 24-1/2" x 1"	103.40
CC2020	19-1/2" x 19-1/2" x 1"	103.40
CC2025	19-1/2" x 24-1/2" x 1"	103.40
CCADJ	Adjustable 1" Thick, 14" x 14" to 20" x 25"	103.40

Disposable Air Filters

Type 40 Pre-Pleated Panel Air Filters

Disposable, Standard Capacity

- 25-30% efficiency



1" Pre-Pleated Panel Air Filters

Part #	Size	Price/Ea
P10X20X1	10" x 20"	8.60
P10X24X1	10" x 24"	14.50
P12X12X1	12" x 12"	7.84
P12X20X1	12" x 20"	9.18
P12X24X1	12" x 24"	8.28
P12X30X1	12" x 30"	13.68
P14X14X1	14" x 14"	8.04
P14X20X1	14" x 20"	9.80
P14X24X1	14" x 24"	9.06
P14X25X1	14" x 25"	10.58
P14X30X1	14" x 30"	11.54
P15X20X1	15" x 20"	9.40
P15X25X1	15" x 25"	13.66
P16X16X1	16" x 16"	8.32
P16X20X1	16" x 20"	7.84
P16X24X1	16" x 24"	8.94
P16X25X1	16" x 25"	8.30
P16X30X1	16" x 30"	10.46
P18X18X1	18" x 18"	10.10
P18X20X1	18" x 20"	10.18
P20X20X1	20" x 20"	8.72
P20X22X1	20" x 22"	15.18
P20X24X1	20" x 24"	10.60
P20X25X1	20" x 25"	9.60
P20X30X1	20" x 30"	11.02
P24X24X1	24" x 24"	10.32
P25X25X1	25" x 25"	13.38

2" Pre-Pleated Panel Air Filters

Part #	Size	Price/Ea
P10X20X2	10" x 20"	8.64
P12X20X2	12" x 20"	7.38
P12X24X2	12" x 24"	7.26
P14X20X2	14" x 20"	9.52
P14X25X2	14" x 25"	10.72
P16X20X2	16" x 20"	8.06
P16X24X2	16" x 24"	10.50
P16X25X2	16" x 25"	9.20
P18X24X2	18" x 24"	11.00
P20X20X2	20" x 20"	9.30
P20X24X2	20" x 24"	11.54
P20X25X2	20" x 25"	10.62
P24X24X2	24" x 24"	10.84
P25X25X2	25" x 25"	14.80

* * * * * * * * *

Many Other Sizes Available
Call for Price

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Air Cleaners

High Efficiency Air Cleaners

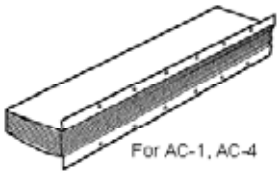
Model AC-22 High Efficiency MERV 11 Media Air Cleaners

- Cabinet 22-1/8"H x 26-9/16"W x 10"D
- 75% Dust spot efficiency 1.0 to 3.0 microns
- Low pressure drop
- G99 Air filter gage included
- Replacement media 12758



Part #	Description	Price
AC-22	72.3 Sq Ft Area, 1600-2000 CFM	292.58

Replacement Media



For AC-1, AC-4



For Aprilaire Spaceguard

Part #	Description	Price
12758	Replacement Media for AC-1, AC-22	46.56
13415	Replacement Media for AC-4	45.48
201	Replacement Media for Aprilaire 2200/2250	43.50
401	Replacement Media for Aprilaire 2400	45.26

HEPA Whole House Filtration Systems

- Certified HEPA filter media
- 99.97% effective down to 0.3 microns
- EBM® motors with backward incline impellers
- 115V, 240 cfm
- 5' Power cord w/3-prong plug-in
- 7-Year (limited) warranty on motor
- 5-Year (limited) warranty on parts (filters not included)



DM 3000

DM 3000 Duct Mount HEPA Units

Part #	Description	Price
DM3000P	HEPA Duct Mount Whole House	775.40

HEPA Replacement Filters

Part #	Description	Price
RHF 16	DM3000P HEPA Filter	178.00
RPFH 1315	CM3000 Collar Mount Filter Replacement	55.96

The Source for Contractor Profitability Since 1962
And Still Committed:

Our Success is Wholly Dependent Upon Yours

Air Cleaners / Accessories

Media Air Cleaners

ACM - Media Air Cleaner Boot with 5" Media Filter



- Cabinet with door for media filter
- Upgradeable to Electronic Air Cleaner
- Easy access door
- Durable baked enamel finish

Part #	CFM	Up To Tons	Cabinet H x W x D	Price
ACM1000	1000	3.0	16-1/2" x 21-3/8" x 7"	138.00
ACM1400	1400	4.0	16-1/2" x 26-3/8" x 7"	163.18
ACM1600	1600	4.5	20-5/8" x 21-3/8" x 7"	138.00
ACM2000	2000	5.5	20-5/8" x 26-3/8" x 7"	163.18

Media Replacement Filters



Part #	Description	Price
FR1000	16" x 21" For ACM1000	39.98
FR1400	16" x 26" For ACM1400	41.98
FR1600	20" x 21" For ACM1600	43.98
FR2000	20" x 26" For ACM2000	45.98

Electronic Air Cleaners

SST Series™ (Super Slim Twin) ComfortPlus Electronic Air Cleaner



- Filters up to 98% of bacteria, pollen, dust, animal dander, viruses & cooking and tobacco smoke
- High efficiency, 120 VAC, 60 Hz
- Snap-on power door
- Twin 5" collecting cells
- No air switch

Part #	CFM	Up To Tons	Cabinet H x W x D	Price
SST1000	1000	3.0	16.4" x 21.3" x 6.9"	590.00
SST1400	1400	4.0	16.4" x 26.3" x 6.9"	636.00
SST1600	1600	4.5	20.6" x 21.3" x 6.9"	678.00
SST2000	2000	5.5	20.6" x 26.3" x 6.9"	698.00

ComfortPlus Parts & Accessories

Part #	Description	Price
F801-0172	Front Cell Contact Assembly	29.84
F806-0480	Bracket f/ SC500	216.56
F818-0033	2 Prong Female Connector	10.16
F825-0337	Pre Filter 10-1/2" x 20-1/2" f/ SST1600	59.42
F825-0404	Charcoal Filter 11" x 15-3/4" f/ SC500	85.64
F825-0179	Charcoal Filter 11-1/2" x 20" f/ Old SST1400	130.84
F825-0432	Pre-Filter 12-7/8" x 16" f/ SST-1400	31.90
F825-0338	Pre-Filter 13" x 20-1/2" f/ SST-2000	41.76
F825-0051	After Filter 20" x 28"	79.04
F825-0467	Charcoal Pre-Filter f/ SST-14 (S/A F825-0475)	94.22
F825-0469	Charcoal Pre-Filter f/ SST-20 (S/A F825-0477)	105.66
F825-0468	Charcoal Pre-Filter f/ UST (S/A 0776 0476)	94.22
F827-0009	2 Prong Male Plug	9.32
F837-0015	Round Insulator Rod	27.72
F837-0148	Insulator	17.74
F837-0308	Square Insulator Bar (Sold Each)	16.28
F837-0312	Electrical Contact w/Cord	38.38
F837-0318	Cell Insulator Rod	6.56
F837-0328	Round Insulator Bar	28.10
F843-0334	Ionizing Wire (No Longer Available)	19.48
F843-0335	Ionizing Wire 16.9 ST14, ST20	40.98
F843-0337	Ionizing Wire 19.6 TW Series	17.60
F843-0434	Ionizing Wire 14.5 Slim Line Short	26.90
F843-0435	Ionizing Wire Water Wash 11-1/4	27.30
F843-0436	Ionizing Wire Water Wash Old 16	27.44
F843-0437	Ionizing Wire 13, EAPT	26.54
F843-0484	Ionizing Wire 14.1 f/ SC100A, SST10, SST14	8.90
F843-0500	Ionizing Wire 18 f/ UST	9.08
F844-0074	Indicator Light	14.86
F858-0475	Power Pack Without Air Flow Monitor f/ WW14A,H,V, WW20A,H,V, 14C12V-010, 14C12H-010, 20C12V-010, 20C12H-010	248.46
F858-1002	Power Supply Universal	405.24
F859-0381	Air Flow Monitor	59.50
F861-0020	Rectifier	92.98
F876-0160	Split Rocker Air Flow Switch	20.12
F876-0202	On/Off Switch f/UST & SST New Units Only	33.78
F881-0125	Transformer	144.04

UV-Air Cleaners / PHI Cell Air Cleaners

FIELDCONTROLS
Solutions for the Great Indoors

UV-AIRE™ Air Purification Systems

Duct Mounted UV Air Cleaner

- Installed directly inside forced-air ductwork
- Hinged cover for easy accessibility
- 5-Year warranty



Part #	Description	Min Duct Width	Max Sq. Ft	Price
UV-18	120V 1-Lamp	14"	2000	238.00
UV-18X	120V 2-Lamp	14"	4000	378.00

UV-AIRE™ Replacement Lamps

- 1-Year warranty

Part #	Description	Price
46365402	UV18 Replacement Lamps	81.30

UV-500C Portable Model

- Purifies air in areas up to 500 square feet
- 15"H x 12"W x 12"D
- 8" germicidal UV lamp
- 10" x 10" High-efficiency/carbon filter
- Visual lamp & filter condition alert
- Adjustable fan control



Part #	Description	Max Sq. Ft	Price
UV-500C	120V Portable	500	458.00

Germicidal UV Air Purifiers

White Rodgers

- Arrests bacterial growth
- High-output, long-life UV-C lamps
- Multi-voltage electronic ballast (120/240V)
- Limited lifetime warranty



Part #	Description	Price
UV100	UV Light Single Lamp For A-Coil	348.00

RGF

Guardian Air PHI Cell Air Cleaners

- The PHI Cell uses Advanced Oxidation Process to reduce airborne contaminants
- Also effective on gases, vapors, VOCs & odors
- PHI Cells are easily mounted into existing A/C & heating systems
- Installed in air duct & distributed through air handler
- 5.5" Diameter plate
- 110 VAC, 60 Hz, 50-90 Watts
- 3-Year warranty on parts, 1-year warranty on cell



Part #	Description	scfm	Price
HVAC-PHI212-GA	9" Probe	1,000 - 6,500	880.00
HVAC-PHI-212HO-GA	9" Probe	6,500 - 10,000	880.00
HVAC-PHI-357-GA	14" Probe	10,000 - 18,000	1080.00
HVAC-PHI-357HO-GA	14" Probe	18,000 - 26,000	1280.00

Replacement Bulbs

Part #	Description	Price
PHIC-9C	Cell for Older "16" Style Units	350.00
PHIC-9GA	Cell for Newer "GA" Style Units	350.00

Plug In Plus PHI Air Cleaners

- The PHI Cell uses Advanced Oxidation Process to reduce airborne contaminants
- Theft proof - hidden mounting screws
- Plugs into existing outlets
- 25,000 Hour cell life
- Built-in night light
- Built-in electrical outlet two sides (4 total)
- Compact 6.25"W x 3.75"D x 10"H
- 3-Year warranty



Part #	Description	Price
PIP-16	110V, 50 Watts	520.00

All Items Not Stocked in All Branches - Call for Availability

Residential / Commercial Boilers

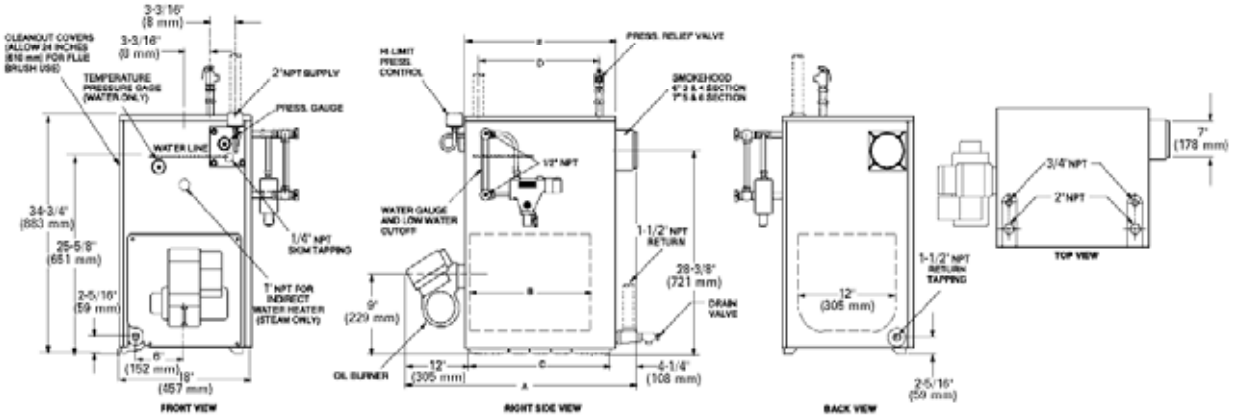
Oil Fired Residential Boilers

Series 8 Oil Fired Residential Water Boilers

- Natural gas
- Designed for installation in minutes
- Cast-iron wet base sections
- Beckett AFG flame retention burner with nozzle & cadmium cell relay
- Cast iron smokehood
- Preformed target wall
- Cast iron heater cover plate
- Swing out service hatch
- Rear outlet design allows quiet "muffler" operation
- Std working pressure 30 psi for water
- Less coil
- All boilers hydrostatically tested ASME
- Limited lifetime warranty



Light Oil D.O.E. Heating capacity ratings 91,000 to 250,000 Btuh.



Part #	DOE Heat Cap MBH	IBR --Burner Capacity-- GPH(1)	IBR MBH	--IBR Net Ratings--Water(2) MBH	Sq Ft	Nat'l Draft Chimney(3)	AFUE % Water	Overall Length (Inches)	Sq Ft of Heat Surface	Water Content (Gal)	Price
8-W-3L	91	.75	105	79	263	8x8x18'	86.2	33"	12.19	11.7	3534.00
8-W-4L	133	1.10	154	116	413	8x8x17'	86.2	37-3/4"	17.55	15.1	3976.00
8-W-5L	169	1.40	196	147	525	8x8x16'	86.2	42-1/2"	22.91	18.5	4486.00

(1) Light oil having heat content of 140,000 BTU/Gal

(2) Net ratings shown are based on an allowance of 1.333 for steam or 1.15 for water

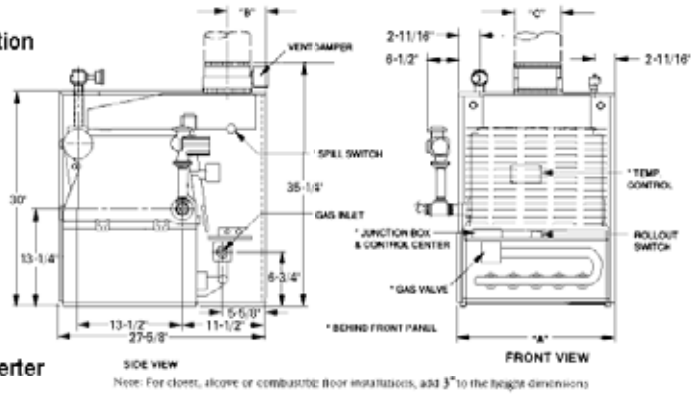
(3) Nominal clay tile liner dimensions

Gas-Fired Residential/Commercial Boilers

Model GB100 Gas-Fired Cast-Iron Residential Boiler

- Natural gas
- Cast iron sections completely packaged & wired gas hot water boiler
- Discrete high limit & control center
- Deluxe insulated metal jacket with removable front panel
- Burner base w/high temp insulation board & burner tubes
- ASME pressure relief valve
- Taco "007" circulator
- Theraltimeter
- Brass hose end drain valve
- Flame rollout safety switch
- Automatic vent damper
- Safety spill switch
- Constant pilot ignition system
- Integral flue collector & draft diverter
- Limited lifetime warranty





Note: For closet, alcove or combustible floor installations, add 3" to the height dimensions

Standing Pilot

Part #	AGA Input MBH	DOE Htg Cap MBH	Net IBR Ratings MBH	Standing Pilot	-- Dimensions -- A	B	C	Price
GB100-3	50.0	42	36	81.5%	10-7/8"	4-1/2"	5"	2128.00
GB100-4	75.0	63	54	82.0%	13-5/8"	4-1/2"	5"	2430.00
GB100-5	100.0	83	72	82.0%	16-1/8"	5"	6"	2628.00
GB100-6	125.0	104	91	82.0%	19-1/8"	5"	6"	2886.00
GB100-7	150.0	125	109	82.3%	21-7/8"	5-1/2"	7"	3142.00
GB100-8	175.0	146	127	82.1%	24-5/8"	5-1/2"	7"	3414.00
GB100-9	200.0	167	145	82.1%	27-3/8"	6"	8"	3704.00
GB100-10	225.0	187	163	82.1%	30-1/8"	6"	8"	4028.00
GB100-11	250.0	208	181	82.1%	32-7/8"	6"	9"	4328.00
GB100-12	275.0	229	199	82.1%	35-5/8"	6"	9"	4796.00

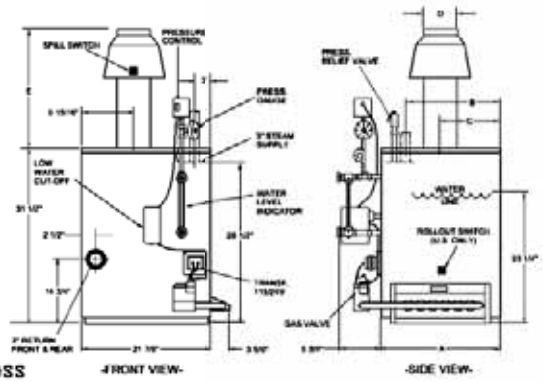
Spark Ignition

Part #	AGA Input MBH	DOE Htg Cap MBH	Net IBR Ratings MBH	Hot Surface Surface Ignition	-- Dimensions -- A	B	C	Price
GB100-4INT	75.0	63	54	84.0%	13-5/8"	4-1/2"	5"	2596.00
GB100-5INT	100.0	83	72	83.5%	16-1/8"	5"	6"	2796.00
GB100-6INT	125.0	104	91	83.2%	19-1/8"	5"	6"	3052.00

Residential / Commercial Boilers

Model GB250 Gas-Fired Cast-Iron Steam Light Commercial Boiler

- AGA listed for alcove and closet installations, CGA approved
- Completely packaged & wired gas hot water boiler
- Factory assembled base including 24V combo dual gas valve control, gas burners and manifold
- Insulated metal jacket
- Pilot burner with thermocouple
- Boiler draft valve
- Hydrolevel CG-400 low water cutoff
- PA4O4A pressure limit control
- Water gauge glass
- Steam pressure gauge
- Safety valve 15 psi
- Automatic vent damper w/wiring harness





Standing Pilot - Natural Gas

Part #	AGA Input MBH	DOE Heat Cap MBH	Net IBR Ratings MBH	EDR Sq Ft Steam	-- Dimensions -- A	B	C	D	E	Ship Wt Lbs	Price
GB250-S-5L	175	142	107	446	22-1/2"	18"	10-1/2"	7"	25"	450	4202.00
GB250-S-6	250	205	154	642	26"	21-1/2"	12-1/2"	8"	30"	530	4858.00
GB250-S-7	300	240	180	750	29-1/2"	25"	14"	8"	30"	605	5210.00

Smith Parts

Part #	Description		Price
50154	Control Center (R8285D-1026)		92.62
50155	High Limit Control (L4080B)		114.10
50502	Well (Exterior for Domestic Coil)		30.58
51006	Thermocouple Heavy Duty		60.00
51178	Ignition Cable (Orange)		20.00
60226	Switch Rollout (350°F)		14.80
60265	Temperature & Pressure Gauge		47.30
60567	Spill Switch (262°F)		14.00
65037	Non-Combustible Floor Pan Base	3 Section	216.34
65038	Non-Combustible Floor Pan Base	4 Section	225.24
65039	Non-Combustible Floor Pan Base	5 Section	236.30
65040	Non-Combustible Floor Pan Base	6 Section	245.54
65041	Non-Combustible Floor Pan Base	7 Section	275.00
71872	LP Kit	3 Section	89.98
71873	LP Kit	4 Section	90.00
71874	LP Kit	5 Section	90.00
71875	LP Kit	6 Section	90.00
71876	LP Kit	7 Section	90.00
71877	LP Kit	8 Section	90.00
71878	LP Kit	9 Section	90.00
71879	LP Kit	10 Section	90.00

Boilers / Water Heaters

Residential Boilers

Logano G115 Series Cast Iron Hot Water Oil Boilers



- Flexible corrosion resistant GL-180M cast iron
- High efficiency AFUE's above 86%
- Full swing burner door for excellent serviceability
- Chimney & sealed combustion options
- 5" Diameter flue connection

Part #	Number of Sect	Heating Cap BTU/Hr	Net Rat BTU/Hr	Firing Rate GPH	Boiler Chamber	Comb Chamber	Water Content Gal	Price
G115-21	3	74,000	64,000	0.60	21-1/8"	16"	8.7	3698.00
G115-28	4	98,000	85,000	0.80	25-3/4"	20-1/2"	10.8	3998.00
G115-34	5	120,000	104,000	1.00	30-1/2"	25"	12.9	4198.00

G124X Series Cast Iron Hot Water Gas Boilers



- Atmospheric or draft induced
- Intermittent ignition or standing pilot
- Natural gas or propane
- Atmospheric venting w/vent damper or sidewall venting w/draft inducer
- Flexible GL-180M cast iron, designed to resist thermal shock for long life
- High silicone cast iron surface for excellent corrosion resistance
- High precision castings w/threaded steel nipples
- Staggered contoured fins for optimum heat transfer & efficient operation
- Combination slow opening gas control valve
- Combination circulator relay high limit control
- Adjustable rubber leveling feet

Part #	Number of Burners	Input BTU/Hr	Output BTU/Hr	AFUE%	Vent Size	Water Content	Price
G124X18	2	74,000	61,400	84.3	5"	2.5	Spec Ord
G124X25	3	103,000	85,500	84.2	5"	3.0	3378.00
G124X32	4	13,500	110,000	84.6	6"	3.5	3898.00

Logano GA124 Series Sealed Combustion Hot Water Gas Boiler



- High efficiency - AFUE up to 85.2%
- Offers whisper quiet operation with its integrated draft inducer
- Front accessible controls
- All piping connections are in the rear for a finished appearance
- Deluxe, heavy gauge blue enameled jacket
- Easily converted for use with propane

Part #	Gas Output BTUH	Heat Capacity BTUH	AFUE %	Net IBR BTUH	Flue	Supply	Return	Price
GA124/23	94,000	79,000	85.1%	69	3"	1"	1"	Spec Ord

Boilers / Water Heaters

GB142 Series Wall Hung Gas Boiler



- Direct vent and sealed combustion options
- Cast aluminum heat exchanger
- Integrated controls
- Advanced condensing technology maximizes the heating value of every cubic foot of natural gas or propane
- Small size 28" High x 18-3/4" Deep, minimal clearance requirements
- Simple installation with pre-piped boiler manifold
- Easily converted for use with propane

Part #	Input BTU/Hr	Output BTU/Hr (176°/140°F)	AFUE %	Max Equiv Vent Length	Flue	Width	Price
GB142/24	84,800	22,700 - 75,200	98%	100'	3"	22"	6678.00
GB142/30	106,800	28,100 - 91,500	97%	100'	3"	22"	7558.00
GB142/45	160,900	42,500 -142,000	98%	100'	3"	35.5"	8598.00

Indirect Fired Thermoglaze Storage Water Heaters

Vertical S Series Water Heaters



- Easy access port for cleaning of tank interior
- "Duoclean" interior tank coating assures corrosion resistance
- Large diameter coiled heat exchanger w/excellent recovery rates
- Magnesium or electric anode rod for active corrosion protection

Part #	Contents		Price
S120	32 gal	Vertical Model for Side By Side Installation	1398.00

Horizontal L Series Water Heaters



- Easy access port for cleaning of tank interior
- "Duoclean" interior tank coating assures corrosion resistance
- Large diameter coiled heat exchanger w/excellent recovery rates
- Magnesium or electric anode rod for active corrosion protection

Part #	Contents		Price
LT160	42 gal	Horizontal Model for Small Footprint	2118.00

Boiler Accessories



L4006A

Part #	Description	Price
G124X18P20P	LP Kit for G124x18	118.00
G124X25P20P	LP Kit for G124x25	118.00
G124X32P20P	LP Kit for G124x32	118.00
L4006A1058	Aquastat	Spec Ord
41042	Tridicator	Spec Ord

Baseboard Heating

Heat Base 750



Complete Baseboards

- 720 BTUs per foot



Part #	Description	Price
7003	3'	Spec Ord
7004	4'	66.54
7005	5'	74.52
7006	6'	92.10
7008	8'	Spec Ord

Baseboard Covers

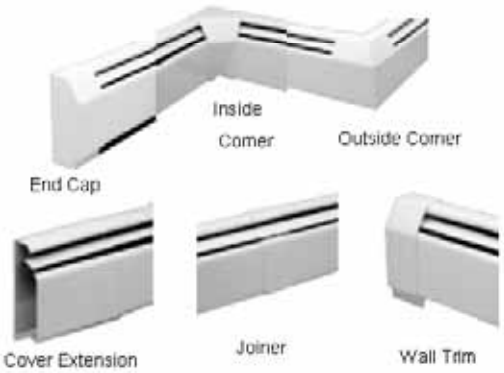
Part #	Description	Price
C7003	3' Cover Only	Spec Ord
C7004	4' Cover Only	Spec Ord
C7005	5' Cover Only	49.58
C7006	6' Cover Only	59.50
C7008	8' Cover Only	Spec Ord

Enclosures



Part #	Description	Price
VER	RH 4" Valve Enclosure	17.12
VEL	LH 4" Valve Enclosure	Spec Ord

Snap-On Accessories



Part #	Description	Price
3ECL	3" End Cap - Left	10.18
3ECR	3" End Cap - Right	10.90
IC90	90° Inside Corner	13.80
3JS	3" Joiner Set	5.44
7CE	7" Cover Extension	14.38
OC90	90° Outside Corner	20.24
3WT	3" Wall Trim	Spec Ord
6WT	6" Wall Trim	11.10

Extra Bracket with Damper Pivot

Part #	Description	Price
EB	Extra Bracket w/Damper Pivot	Spec Ord

Touch-Up Paint

Part #	Description	Price
750 PAINT	White Touch-Up Paint	Spec Ord

Hydronic Specialties

Circulator Pumps for Heating & Potable Water Systems

Oil-Lubricated Circulators - 3 Piece

- 115V
- Replaceable resilient motor mounts
- Noise dampening coupler
- Long bronze sleeve bearings maintain exact shaft alignment
- Precision ground pump shaft is oversized to provide large bearing surfaces
- Mechanical seal withstands wide range of water temp, pressure, additives & dissolved solids
- Centrifugal impeller prevents accumulation of air at seal faces to assure long life
- With built-in overload protection



Part #	Model	Flange Size NPT	HP	Construction	Price
106189	100 NFI	3/4"	1/12	Cast Iron	560.00

Pressure Reducing Valves

- Fast fill feature reduces start-up time & labor
- Low inlet pressure check valve helps prevent loss of system pressure if supply water drops below system pressure
- Convenient cleanable strainer is designed to prevent dirt & sediment from entering system



F-8



FB-38

Part #	Model	Description	Connection	Price
110201	F-8	Combo Relief/FB-38 Iron/Brass	1/2" NPT / 1/2" NPT	144.00
110196	B7-12	Brass	3/4" NPT	115.48
110192	FB-38	Brass	1/2" NPT	82.48

Safety Relief Valves ASME

- Offers highest BTUH protection available 790,000 to 5,999,000 BTUH
- Feature a unique fail-safe disc with sufficient area to permit valves to maintain function in the event of a diaphragm rupture
- Meets requirements of Section IV of the ASME Boiler & Pressure Vessel code



Part #	Model	Inlet/Outlet	PSIG	Construction	Price
110121	790-30	3/4" / 3/4"	30	Brass	148.74

Circuit SetterPlus® Calibrated Balance Valves

- Pre-balance design capability
- Proportional shut off
- Memory stop indicated
- Integral valved readout ports



Part #	Model	Connection	Price
117100	CB-1/2	1/2" NPT	96.26

Hydronic Specialties

Flanges



Part #	Description	Price
101001	3/4" IB for Iron	26.24
101004	1-1/2" IB for Iron	26.24
101005	1" HV for Iron	28.00
101007	1-1/2" HV for Iron	28.00

Pump Motors & Accessories

Power Pack Motors



111034



111031

Part #	Description	Price
111034	1/12 hp, 115/1/60, 6" Bracket	408.58
111061	1/6 hp, 115/1/60, 6" Bracket	609.14

Motor Couplers



Part #	Description	Price
118705	Coupler (PZ-4291)	23.58
41299	Coupler (PZ-4291)	14.38

Impellers



Part #	Description	Price
189132	Impeller	29.60

Bearing Assemblies



Part #	Description	Price
118844	Bearing Assembly For 100 Series	137.28

Flange Gasket Sets

Part #	Description	Price
118368	LR, PL-30, PL-36, Series 100, PR, 60 1AA, 60 11/4AA, PL-55	9.26

Rings



Part #	Description	Price
118223	Ring Motor Mounting Set	30.46
118228	Ring Motor Mounting Set	Spec Ord

Bell & Gossett Parts

Part #	Description	Price
L23401	1.5 oz Oil Tube	9.90
118395	Wick Oil Set	9.10

All Items Not Stocked in All Branches - Call for Availability

Circulator Pumps / Zoning

Cartridge Circulators

- Unique replaceable cartridge design - field serviceable
- Manufactured in a variety of sizes to match system requirements
- Direct drive - low power consumption
- Residential & light commercial applications
- Universal flange to flange dimension

Model 007 Cartridge Circulators

- For use in hydronic heating systems, chilled fresh water systems & domestic water systems
- Can be used in the typical residential hydronic heating system, to add a zone addition, zoning with circulators & potable water system
- Cast Iron body
- GPM to 20; 11' Head
- 115V/60Hz/1Ph



Part #	Description	Price
007-F5	Flanged Connection, 1/25 hp	165.72

Model 0011 Cartridge Circulators

- High velocity/high head for residential & light commercial closed loop hydronic systems & open loop domestic fresh water systems
- High head-medium flow for high pressure drop boilers, fan coil units, heat exchangers, large radiant heating systems & heat recovery units/earth loop systems
- Cast Iron body
- GPM to 28; 30' head
- 115V/60Hz/1Ph



Part #	Description	Price
0011-4F	Flanged Connection, 1/7 hp	552.34

Freedom Flanges

- Easy-On, Easy-Off with a common adjustable wrench
- For use with 005, 007-0011, 0013, 0014, 110-113 circulators



Part #	Description	Price
110-253	1-1/4" Ductile Iron	20.14

Zone Valves

ESP Series Zone Valves

- Gear-driven, capacity-powered
- Ball valve type



Part #	Description	Price
ESP075C2-1	3/4" SWT	186.42
ESP100C2-1	1" SWT	214.28

Union Mixing Valves

- Dual purpose mixing or diverting valve
- High flow, low head loss
- Extended mix temperature range of 85° - 150°F



Part #	Description	Price
5003CI	3/4" SWT, 10.6 GPM	177.90

B&D MFG, INC

QT Flow Center

- Non-pressurized flow center
- Eliminates callbacks
- Removable lid for fast installation easy to fill, check flow rates and add antifreeze
- Air separation chamber continually performs purging function
- Foam Insulation eliminates condensation
- Solid, durable construction
- Long life check valve
- Hanging handles for ease of handling and installation
- 36" Hight x 7-3/4" Width x 16" Depth
- 1" Swivel (FPT) inlet/outlet



Part #	Description	Price
2-230QFC	(2) 1/6 HP Pumps, 230V	1416.00

Safety Valves / Backflow Preventers / Air Eliminators

PRV (36 Series) Pressure Reducing Valves



Part #	Size	Price
36-204-01	3/4" FNPT	108.16

Water Heater Drain Valves

- Angled body



Part #	Size	Price
31-600-01	3/4"	19.64

Backflow Preventers

- Bronze continuous pressure
- Protects residential & commercial water supply lines from back-siphonage or back-pressure of non-potable substances
- Suitable for hot or cold water service
- Max working pressure 175 psig
- Operating temperature 33°F to 210°F



Part #	Inlet/Outlet Size	Price
40-4A3-3A	1/2" FNPT	116.82
40-4A4-4A	3/4" FNPT	116.82

Hot Water Boiler ASME Safety Relief Valves

- ASME Section IV
- For hot water boilers and hydronic heating systems
- Protects against excessive water pressure and steam generated when BTU input controls fail
- Maximum temperature service to 250°F
- Stainless steel springs standard except 10-214
- Brass finish



Part #	NPT Size	Wt/ 100 Lbs	Set Pressure PSIG	Price
10-408-05	3/4" F x F	65	30	25.78

* Pol Chrome finish

Boiler Fill Valves

FLEXCON INDUSTRIES PLUMBING & HEATING DIVISION SPARCO

Part #	Size	Price
300FV	1/2" NPT	103.78

Radiator Air Valves


27-202-02


H-2404-00

Part #	Size	Price
27-202-02	1/8"	8.76
H-240400	Key Only	1.52

Hydronic Expansion Tanks

T-Series Inline

- 1/2" NPT Connection

CASH ACME



Part #	Size	Price
T-15	2 gal, Up To 50,000 Net BTUH	87.12
T-30	5 gal, Up To 150,000 Net BTUH	101.32
T-60	7 gal, Up To 200,000 Net BTUH	218.86

Do it once. Do it right. Taco

Hy-Vent Automatic Air Vent

- High capacity float style vents
- Place on boiler or at high points throughout system
- Brass body, nickel plated vents



Part #	Size	Price
400-3	1/8" NPT	28.50

Hydronic Specialties

Air Scoops



Part #	Size	Price
432-6	1-1/4" NPT	51.86

In-Line® Air Separators

- One piece cast iron construction



Part #	Model	Max Flow GPM	Size	Price
112096	IAS-1-1/4	25	1-1/4" NPT	41.14

Hoffman SPECIALTY

Main Steam Vent

Model 75 Air Valve (Non-Vacuum)

- For medium & large systems
- Float-type thermostatic vent
- Single non-adjustable port
- 1/2" NPT female & 3/4" NPT male straight shank



Part #	Model	Max Operating Pressure	Price
401434	75	3 psig	Spec Ord

Radiator Steam Vent

Model 40 Air Valve (Non-Vacuum)

- Float-type vent
- Single non-adjustable port
- For ordinary one-pipe system that doesn't require proportional venting
- 1/8" NPT angle connection



Part #	Model	Max Operating Pressure	Price
401440	40	6 psig	40.86

McDonnell & Miller

Low Water Cut-Offs

RB-24 For Hot Water Boilers - Electronic

- For residential applications
- Compact size
- Max water pressure 50 psi



Part #	Mfg #	Description	Price
RB24	144685	24V, Auto Reset	218.86

Float Type For Water Boilers

- For residential, commercial & industrial applications
- Max boiler pressure 50 psi
- Packless bellows



Part #	Mfg #	Description	Price
63 CUTOFF	142400	Cutoff for Water Systems	659.52

Electric Water Feeder

- For low pressure steam boilers w/cold water feed
- Quick-change replaceable cartridge valve & strainer



Part #	Mfg #	Description	Price
101-A	169400	120V, Manual Feed Button	549.10

Blow Down Valves

Full Port Ball Type

- Easy open handle keeps hands away from hot water & steam
- Gasket & mounting screws included



Part #	Mfg #	Description	Price
14-BF	310447	For Series 47, 67, 70	153.00

Valves / Dielectric Unions

Leran

Ball Valves - Full Port



Part #	Mfg #	Size	Connection	Price
820SP 1/2	252073	1/2"	IPS	15.70
820SP 3/4	252074	3/4"	IPS	27.20
820SP 1	252107	1"	IPS	22.58
820SP 11/4	252108	1-1/4"	IPS	33.30
825SP 1/2	252087	1/2"	SWT	15.70
825SP 3/4	252088	3/4"	SWT	21.10
825SP 11/4	252090	1-1/4"	SWT	54.10
825SP 11/2	252091	1-1/2"	SWT	45.62

Drain Cock



Part #	Mfg #	Description	Price
261512	261512	3/4" Barnett	21.10

Dielectric Unions



Part #	Mfg #	Description	Price
DIE FP	331005	3/4" FIP	17.20
DIE MP	332001	3/4" MIP	10.60

Brass Vent Ell

Part #	Mfg #	Description	Price
VENT 90	(CBBT34)	3/4" x 1/8" x 3/4"	8.10

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Your Partner Company

All Items Not Stocked in All Branches - Call for Availability

Copper Tube / Tubing Insulation

A/C Refrigeration Copper Tubing

Refrigeration ASTM B280 - Red 50' Coils



Part#	Size	Price
COPPER 1/4RL	1/4" OD	35.96
COPPER5/16RL	5/16" OD	80.64
COPPER 3/8RL	3/8" OD	80.54
COPPER 1/2RL	1/2" OD	70.06
COPPER 5/8RL	5/8" OD	145.86
COPPER 3/4RL	3/4" OD	175.46
COPPER 7/8RL	7/8" OD	170.50
COPPER11/8RL	1-1/8" OD	382.54

Type ACR ASTM B280 - Blue 20' Straight Lengths



Part#	Size	Price
ACR 3/8	3/8" OD	25.88
ACR 1/2	1/2" OD	69.44
ACR 5/8	5/8" OD	75.06
ACR 3/4	3/4" OD	70.48
ACR 7/8	7/8" OD	54.02
ACR 11/8	1-1/8" OD	170.52
ACR 13/8	1-3/8" OD	232.34

armacell

Armaflex® Tubing Insulation



6' Lengths

Part #	Mfg #	ID	Wall Thickness	Price
6112	CXT05838	5/8"	3/8"	4.96
6113	CXT03438	3/4"	3/8"	5.28
6114	CXT07838	7/8"	3/8"	5.52
6115	CXT11838	1-1/8"	3/8"	6.30
6116	CXT13838	1-3/8"	3/8"	7.62
T15838P	CXT15838	1-5/8"	3/8"	9.46
6220	CXT421	2-5/8"	1/2"	21.80
6221	CXT35812	3-5/8"	1/2"	30.50

Armaflex® Coil

- Easy-carry, easy-store cartons
- "Easy Slide" lubricating powder
- Greater length means less waste



Part #	Mfg #	Size	Price
APC05838	APC305	5/8" x 3/8" x 125'	92.82

Insultube Split Tubes

6' Lengths

Part #	ID	Wall Thickness	Price
5838L	5/8"	3/8"	5.00
3438L	3/4"	3/8"	5.54
7838L	7/8"	3/8"	5.60
13838L	1-3/8"	3/8"	7.46
15838L	1-5/8"	3/8"	9.16

Copper Pressure Fittings

Copper Pressure Fittings

Adapters (C x FIP)



Part #	OD Size	Price
103 3/4X7/8	7/8" x 3/4"	4.66
103 11/4	1-1/4"	Spec Ord

Adapters (C x MIP)



Part #	OD Size	Price
104 1/2X1/2	1/2"	3.16
104 3/4X3/4	3/4"	8.58
104 3/4X7/8	7/8" x 3/4"	3.58
104 11/4	1-1/4" x 1-3/8" OD	Spec Ord

Flush Bushings (FTG x C)



Part #	OD Size	Price
119 3/8X1/4	3/8" x 1/4"	1.86
119 1/2X3/8	1/2" x 3/8"	1.84
119 5/8X1/2	5/8" x 1/2"	2.24
119 3/4X5/8	3/4" x 5/8"	2.74
119 7/8X3/4	7/8" x 3/4"	4.38
119 11/8X7/8	1-1/8" x 7/8"	6.50
11913/8X11/8	1-3/8" x 1-1/8"	8.00

Tube Caps (C)



Part #	OD Size	Price
117 3/8	3/8"	1.00
117 1/2	1/2"	1.54
117 5/8	5/8"	0.74
117 3/4	3/4"	1.86
117 7/8	7/8"	1.34
117 11/8	1-1/8"	Spec Ord

Reducing Couplings (C x C)



Part #	OD Size	Price
101 3/16X1/4	1/4" x 3/16"	5.54
101 5/16X3/8	3/8" x 5/16"	5.20
101 1/4X3/8	3/8" x 1/4"	5.38
101 3/8X1/2	1/2" x 3/8"	1.74
101 1/2X5/8	5/8" x 1/2"	1.66
101 5/8X3/4	3/4" x 5/8"	4.16
101 5/8X7/8	7/8" x 5/8"	2.76
101 3/4X7/8	7/8" x 3/4"	2.94
101 7/8X11/8	1-1/8" x 7/8"	5.44

Couplings - Rolled Stops (C x C)



Part #	OD Size	Price
100 5/16	5/16"	3.28
100 1/4	1/4"	0.94
100 3/8	3/8"	0.38
100 1/2	1/2"	1.00
100 5/8	5/8"	0.76
100 3/4	3/4"	1.18
100 7/8	7/8"	1.52
100 11/8	1-1/8"	3.28
100 13/8	1-3/8"	5.88

45° Elbows (C x C)



Part #	OD Size	Price
106 5/8	5/8"	1.86
106 3/4	3/4"	9.98
106 7/8	7/8"	3.30

Copper Pressure Fittings

45° Elbows (FTG x C)



Part #	OD Size	Price
106-2 5/8	5/8"	2.26
106-2 3/4	3/4"	15.10
106-2 7/8	7/8"	3.30

90° Long Radius Elbows (C x C)



Part #	OD Size	Price
107 3/16	3/16"	3.34
107 1/4	1/4"	6.44
107 5/16	5/16"	5.72
107 3/8	3/8"	8.38
107 1/2	1/2"	6.06
107 5/8	5/8"	5.54
107 3/4	3/4"	2.78
107 7/8	7/8"	7.16
107 11/8	1-1/8"	10.88
107 13/8	1-3/8"	17.40

90° Long Radius Elbows (FTG x C)

- (Wrot Copper)



Part #	OD Size	Price
107-2 3/8	3/8"	4.40
107-2 1/2	1/2"	11.28
107-2 5/8	5/8"	8.00
107-2 3/4	3/4"	6.90
107-2 7/8	7/8"	9.46
107-2 11/8	1-1/4"	15.60
107-2 13/8	1-3/8"	23.06

Tees (C x C x C)



Part #	OD Size	Price
111 3/8	3/8"	7.24
111 1/2	1/2"	5.54
111 5/8	5/8"	1.74
111 3/4	3/4"	12.06
111 7/8	7/8"	4.22

The Source for Contractor Profitability Since 1962 And Still Committed:

Our Success is Wholly Dependent Upon Yours

Brass Compression Tube Fittings

Brass Compression Fittings

Brass Compression Nuts



Part #	Size	Price
61-4	1/4"	0.76

Brass Compression Sleeves



Part #	Size	Price
60-4	1/4"	0.40

Brass All Compression Tees



Part #	Size	Price
64-4	1/8"	7.10

Brass All Compression Unions



Part #	Size	Price
62-4	1/4"	2.48
62-6	3/8"	3.50

Hex Head Plug



Part #	Size	Price
121-A	1/8"	1.52
121-B	1/4"	1.92
121-C	3/8"	3.36

Compression Break-Off Sleeve (Pilot) Nut

Part #	Size	Price
81LB-4	1/4"	2.16

Quick Caps



Part #	Size	Price
QC-4	Cap for 1/4" Male Flare	0.74

No Wait Service at 2-J

Tell Us When You'll Be Here, Your Order Will Be Ready

SAE 45° Brass Flare Fittings

Brass Flare Fittings

Brass Flare Adapters (FLR x FIP)



Part #	Size	Price
U3-6D	3/8" x 1/2"	7.84
U3-8D	1/2" x 1/2"	7.36
U3-10D	5/8" x 1/2"	10.99
U3-10E	5/8" x 3/4"	17.20

Brass Flare Adapters (FLR x MIP)



Part #	Size	Price
U1-4B	1/4" x 1/4"	2.00
U1-6B	3/8" x 1/4"	2.84
U1-6C	3/8" x 3/8"	3.24
U1-6D	3/8" x 1/2"	7.16
U1-8C	1/2" x 3/8"	4.72
U1-8D	1/2" x 1/2"	4.64
U1-10D	5/8" x 1/2"	6.08

Brass Flare Unions (FLR x FLR)



Part #	Size	Price
U2-4	1/4"	1.88
U2-6	3/8"	2.56

Brass Flare Seal Caps



Part #	Size	Price
N5-4	1/4"	1.20
N5-6	3/8"	1.66

Brass Flare Nuts



Part #	Size	Price
NS4-4	1/4"	1.60
NS4-6	3/8"	1.78
NS4-8	1/2"	2.18
NS4-12	3/4"	7.40

Brass Flare Fittings (Continued)

Brass Flare Nuts

Part #	Size	Price
NS4-10	5/8"	3.64
NS4-14	7/8"	22.16

Brass Flare 45° Elbows (FLR x MIP)



Part #	Size	Price
E1-6B	3/8" x 1/4"	5.56
E1-6C	3/8" x 3/8"	6.88

Brass Flare Swivel Connectors



Part #	Size	Price
US4-4	1/4"	6.24
US4-6	3/8"	6.80

Brass Flare Tees (FLR x FLR x FLR)



Part #	Size	Price
T2-4	1/4"	6.24

Gas Stop Valves

600 Series (Flare)

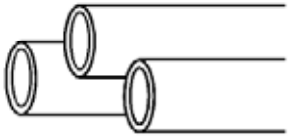


- 175 WOG
- Patented one-piece body
- CSA, UL

Part #	Size	Price
V28SB-6	3/8" Lever Handled, Forged Brass	15.48

CPVC Pipe & Fittings / PVC Sch 40 Pipe

CPVC CTS Pipe



Part #	Nominal Pipe Size	Price/Foot
CPVC 1/2 PIP	1/2" x 10'	8.10

CPVC Fittings

CPVC Couplings (Slip x Slip)



Part#	Size	Price
CPVC 1/2 COU	1/2"	0.42

CPVC 90° Elbows (Slip x Slip)



Part#	Size	Price
CPVC 1/2 ELL	1/2"	0.32

CPVC 45° Elbows (Slip x Slip)



Part#	Size	Price
CPVC 1/2 ANG	1/2"	0.46

CPVC Tees (Slip x Slip x Slip)



Part#	Size	Price
CPVC 1/2 TEE	1/2"	0.44

PVC 3/4" Drain Pipe

PVC1120 SDR-21 Plain End

Part #	Nom Pipe Size	Ends	Price/Foot
6106	3/4" x 10'	PE	3.42

PVC Vent Pipe

PVC Sch 40 Pipe Plain End

- ASTM D2665, NSF-dwv
- ASTM D1785, NSF-pw



Part #	Nom Pipe Size	Ends	Price/Foot
PVC 1/2 PI40	1/2" x 10'	PE	5.70
PVC 3/4 PIPE	3/4" x 10'	PE	8.34
PVC 1 PIPE	1" x 10'	PE	10.92
PVC 2 PIPE	2" x 10'	PE	13.66
PVC 2.5 PIPE	2-1/2" x 10'	PE	40.30
PVC 3 PIPE	3" x 10'	PE	28.52

Multi-Hook™ Pipe Hanger

- Hook swivels to support pipe at any angle
- Hanging system that fits flush against wall or stud
- Interchange stems of different lengths

BRÄMEC®



Part #	Size	Price
17761	2" x 11"	1.74
17762	3" x 11"	2.26

PVC Sch 40 Fittings

PVC Sch 40 Fittings

PVC Tees (SOC)



Part#	Size	Price
349	3/4"	0.64
PVC 1 TEE	1"	1.12

PVC 90° Elbows (SOC)



Part#	Size	Price
344	3/4"	0.46
PVC 1 ELL	1"	0.88

PVC 90° Elbows (SOC x FIP)



Part#	Size	Price
347	3/4"	0.68

PVC 90° Street Elbows (SPG x SOC)



Part#	Size	Price
350	3/4"	1.42

PVC 90° Street Elbows (MIP x FIP)



Part#	Size	Price
351	3/4"	1.16

PVC 45° Elbows (SOC)



Part#	Size	Price
346	3/4"	1.00

PVC Couplings (SOC)



Part#	Size	Price
340	3/4"	0.36
PVC 1 COUP	1"	0.64

No Hub Connectors



Part#	Size	Price
COUP 2	2" No Hub	10.02
COUP 3	3" No Hub	8.94

PVC Adapters (FIP x SOC)



Part#	Size	Price
341	3/4"	0.64
PVC 1 FIP	1"	0.68

PVC Adapters (MIP x SOC)



Part#	Size	Price
342	3/4"	0.50
PVC 1 MIP	1"	0.78

PVC Reducer Bushings Flush Style (SPG x SOC)



Part#	Size	Price
PVC 1X3/4 BU	1" x 3/4"	0.68

PVC Reducer Bushings Flush Style (SPG x FIP)

- Used for 90% Counterflow Furnaces



Part#	Size	Price
PVC 2X3/4 BU	2" x 3/4"	3.38

PVC Union



Part#	Size	Price
PVC 3/4 UN	3/4" SLIP	5.10

PVC Pipe Fittings

PVC Pipe Fittings

PVC Couplings (Hub)



Part #	Size	Price
PVC 2 COUP	2"	0.98
PVC 2X1.5COU	2" x 1-1/2"	2.24
PVC 3 COUP	3"	3.68
PVC 3X2 COUP	3" x 2"	5.38
PVC 4 COUP	4"	2.80
PVC 4X2 COUP	4" x 2"	6.66
PVC 4X3 COUP	4" x 3"	6.84

PVC Deep Socket Couplings (SOC)



Part #	Size	Price
PVC 2 COUPLG	2"	1.56

PVC Flush Bushings (SPG x H)



Part #	Size	Price
PVC 3X2 BUSH	3" x 2"	3.14

PVC Caps (Hub/Socket)



Part #	Size	Price
PVC 2 CAP	2"	5.24

PVC 90° Elbows (Long SOC)

Part #	Size	Price
PVC 2 ELL LG	2"	2.64

PVC 90° Long Turn Elbows (Hub)



Part #	Size	Price
PVC 2 ELL	2"	3.98
PVC 3 ELL	3"	8.44
PVC 4 ELL	4"	16.34

PVC 90° Long Turn Street Elbows (SPG x H)



Part #	Size	Price
PVC 2 ST ELL	2"	3.24
PVC 3 ST ELL	3"	7.56

PVC 45° Elbows (Hub)



Part #	Size	Price
PVC 2 ANGLE	2"	2.38
PVC 3 ANGLE	3"	6.58
PVC 4 ANGLE	4"	4.68

PVC 45° Elbows (Long SOC)

Part #	Size	Price
PVC 2 ANG LG	2"	3.24

PVC 45° Street Elbows (SPG x H)



Part #	Size	Price
PVC 2 ST ANG	2"	2.28
PVC 3 ST ANG	3"	5.98
PVC 4 ST ANG	4"	6.14

PVC Sanitary Tees (Hub)



Part #	Size	Price
PVC 2 TEE	2"	4.04
PVC 3 TEE	3"	10.78

All Items Not Stocked in All Branches - Call for Availability

PVC Sch 40 Condensate / 2-1/2" Fittings

Sch 40 PVC Condensate Fittings

Sch 40 PVC Couplings



Part #	Size	Price
0310	1/2" S x 1/2" S	0.26

Sch 40 PVC Adapters



S x MIP

Part #	Size	Price
0311	1/2" S x 3/4 FIP	0.88
0312	1/2" S x 3/4 MIP	0.74

Sch 40 PVC Caps



Part #	Size	Price
0345	3/4" SOC	0.40
17721	3/4" FIP	0.98

Sch 40 PVC 90° Elbows



S x S

Part #	Size	Price
0314	1/2" S x S	0.42
0367	1" FIP x 1" S	0.78

Sch 40 PVC 45° Elbows



Part #	Size	Price
0316	1/2" S x S	0.74

Sch 40 PVC Street Elbows



Part #	Size	Price
0324	1/2" S x S	1.08

Sch 40 PVC Tees



Part #	Size	Price
0319	1/2" S x S x S	0.56

Sch 40 PVC Clean Out Tees



Part #	Size	Price
0348	3/4" S	3.04

Sch 40 PVC Reducing Bushing

Part #	Size	Price
0352	3/4" S x 1/2" S	0.48
0426	2-1/2" x 2"	3.40
0427	3" x 2-1/2"	4.70

2-1/2" PVC Pipe Fittings



Part #	Description	Price
0400	2-1/2" Coupling Sch 40 PVC	4.12
0401	2-1/2" 45°Elbow Sch 40 PVC	9.48
0402	2-1/2" 90°Elbow Sch 40 PVC	9.48
0403	2-1/2" Tee Sch 40 PVC	10.24

Bramec Condensate Traps

- Full-flow condensate traps
- Each trap is carefully sized, minimizing bothersome clogged trap service calls



Part #	Description	Price
356	3/4" Schedule 40 PVC P-Trap	1.52
357	3/4" Schedule 40 PVC R-Trap	1.88
16082	1" Schedule 40 PVC P-Trap	3.96

Nylon Fittings

Nylon Fittings

- For vinyl, supertube & other plastic tubing

Nylon Hose Menders



Part #	Size	Price
0610 3/8	3/8" Barb	0.66

Nylon 90° Elbows



Part #	Size	Price
0623	5/8" Barb x 3/4" FIP	1.96

Nylon Adapters



Part #	Size	Price
0639	3/8" Barb x 1/2" MIP	0.84
TAA-2412	3/8" Barb x 3/4" MIP	0.80
0627	5/8" Barb x 3/4" MIP	1.02
0633	1/2" Barb x 3/4" MIP	0.94
0628	3/4" Barb x 3/4" MIP	1.08

Nylon Bushings



Part #	Size	Price
0620	1" MIP x 3/4" FIP	2.18

Nylon Plug



Part #	Size	Price
TPA-24	3/4" MIP	0.76

2-J's Commitment to You:

Quality Products
+ Exceptional Service
+ Competitive Prices
= 2-J Value

Black Pipe / Black Malleable Iron Fittings - Threaded 150#

Black Steel TBE Cut Pipe



Part #	Size	Price
1/2 PIPE 10	1/2" x 10'	35.16
3/4 PIPE 10	3/4" x 10'	38.98
1 PIPE 10	1" x 10'	54.16
11/4 PIPE 10	1-1/4" x 10'	70.32

Threaded 150# Hex Bushings - Black MI



Part #	Size	Price
3/4X1/2 BUSH	3/4" x 1/2"	1.82
1X3/4 BUSH	1" x 3/4"	1.88
11/2X11/4BUS	1-1/2" x 1-1/4"	6.20
2X11/4 BUSH	2" x 1-1/4"	7.40
2X11/2 BUSH	2" x 1-1/2"	7.80

Threaded 150# Caps - Black MI



Part #	Size	Price
3/8 CAP	3/8"	2.44
1/2 CAP	1/2"	1.12
3/4 CAP	3/4"	1.52
1 CAP	1"	3.96
11/4 CAP	1-1/4"	2.40
11/2 CAP	1-1/2"	6.54
2 CAP	2"	9.56

Threaded 150# RH Couplings - Black MI



Part #	Size	Price
1/2 COUP	1/2"	1.42
3/4 COUP	3/4"	1.80
1 COUP	1"	3.04
11/4 COUP	1-1/4"	6.88
11/2 COUP	1-1/2"	9.26
2 COUP	2"	13.76

Threaded 150# 45° Elbows - Black MI



Part #	Size	Price
1/2 ANGLE	1/2"	1.70
3/4 ANGLE	3/4"	5.76

Threaded 150# 90° Elbows - Black MI



Part #	Size	Price
3/8 ELL	3/8"	3.16
1/2 ELL	1/2"	1.16
3/4 ELL	3/4"	1.80
1 ELL	1"	2.38
11/4 ELL	1-1/4"	3.86
11/2 ELL	1-1/2"	5.10
2 ELL	2"	8.74

Threaded 150# 90° Reducing Elbows - Black MI

Part #	Size	Price
3/4X1/2 ELL	3/4" x 1/2"	2.12
1X1/2 ELL	1" x 1/2"	5.94
1X3/4 ELL	1" x 3/4"	5.16
11/4X1/2 ELL	1-1/4" x 1/2"	12.10
11/4X3/4 ELL	1-1/4" x 3/4"	10.34
11/4X1 ELL	1-1/4" x 1"	9.26

Threaded 150# 90° Street Elbows - Black MI



Part #	Size	Price
1/2 ST ELL	1/2"	2.16
3/4 ST ELL	3/4"	2.28
1 ST ELL	1"	7.00
11/4 ST ELL	1-1/4"	9.96
2 ST ELL	2"	21.66

Black Malleable Iron Fittings - Threaded 150#

Threaded 150# Floor Flanges - Black MI



Part #	Size	Price
FLANGE 11/4	1-1/4"	Spec Ord

Threaded 150# Square Headed Plugs Cored - Black MI



Part #	Size	Price
1/2 Plug	1/2"	0.84
3/4 Plug	3/4"	1.16
1 PLUG	1"	1.28
1 1/4 PLUG	1-1/4"	2.92
1 1/2 PLUG	1-1/2"	4.48
2 PLUG	2"	5.24

Threaded 150# Reducers - Black MI



Part #	Size	Price
1/2X3/8 COUP	1/2" x 3/8"	3.26
3/4X1/2 COUP	3/4" x 1/2"	1.80
1X1/2 COUP	1" x 1/2"	6.34
1X3/4 COUP	1" x 3/4"	6.20
1 1/4X1/2COUP	1-1/4" x 1/2"	4.02
1 1/4X3/4COUP	1-1/4" x 3/4"	3.24
1 1/4X1 COUP	1-1/4" x 1"	3.48
1 1/2X1 COUP	1-1/2" x 1"	11.68
2X1 COUP	2" x 1"	19.78
2X1 1/4 COUP	2" x 1-1/4"	16.70
2X1 1/2 COUP	2" x 1-1/2"	14.58

Threaded 150# Tees - Black MI



Part #	Size	Price
3/8 TEE	3/8"	4.60
1/2 TEE	1/2"	1.42

Threaded 150# Tees - Black MI (Continued)

Part #	Size	Price
3/4 TEE	3/4"	2.08
1 TEE	1"	3.66
1 1/4 TEE	1-1/4"	5.94
1 1/2 TEE	1-1/2"	14.50

Threaded 150# Reducing Run Tees - Black MI



Part #	Size	Price
3/4X1/2X3/4	3/4" x 1/2" x 3/4"	3.66

Threaded 150# Reducing Outlet Tees - Black MI



Part #	Size	Price
3/4X3/4X1/2	3/4" x 3/4" x 1/2"	3.20
1X1/2 TEE	1" x 1" x 1/2"	8.20
1X3/4 TEE	1" x 1" x 3/4"	8.20
1 1/4X1/2 TEE	1-1/4" x 1-1/4" x 1/2"	7.40
1 1/4X3/4 TEE	1-1/4" x 1-1/4" x 3/4"	13.10
1 1/2X1 TEE	1-1/2" x 1-1/2" x 1"	16.54
2X1 1/4 TEE	2" x 2" x 1-1/4"	27.92

Black Malleable Iron Unions

Threaded 150# Black Iron Unions - Black MI



Part #	Size	Price
3/8 UNION	3/8"	10.70
1/2 UNION	1/2"	4.78
3/4 UNION	3/4"	6.62
1 UNION	1"	7.20
1 1/4 UNION	1-1/4"	20.80

All Items Not Stocked in All Branches - Call for Availability

Pipe Hangers / Gas Stop Valves / Gas Connectors

Pipe Hooks - Black Iron



Part #	Size	Price
E1/2X6	1/2" x 6"	0.30
E3/4X6	3/4" x 6"	0.44
E1X6	1" x 6"	0.34
E11/4X6	1-1/4" x 6"	Spec Ord
E11/2X6	1-1/2" x 6"	0.54

Flexible Gas Connectors

Brass Gas Flex Connectors

- Coated brass is approved f/indoor & outdoor use
- AGA listed

BRAMEC®



Part #	Size	Price
15070	1/2" OD, 1/2" FIP x 1/2" MIP, 18" (Tapped 3/8" FIP)	26.62
15071	1/2" OD, 1/2" FIP x 1/2" MIP, 24" (Tapped 3/8" FIP)	29.36
15072	1/2" OD, 1/2" FIP x 1/2" MIP, 36" (Tapped 3/8" FIP)	34.30
15073	1/2" OD, 1/2" FIP x 1/2" MIP, 48" (Tapped 3/8" FIP)	41.40
15078	7/8" OD, 3/4" MIP x 3/4" FIP, 18"	19.00
15079	7/8" OD, 3/4" MIP x 3/4" FIP, 24"	21.60
15080	7/8" OD, 3/4" MIP x 3/4" FIP, 36"	25.34
15081	7/8" OD, 3/4" MIP x 3/4" FIP, 48"	Spec Ord

Stainless Steel Gas Flex Connectors

- Approved f/outdoor installations
- AGA listed

BRAMEC®



Part #	Size	Price
16747	5/8" OD, 1/2" MIP x 1/2" MIP, 48" (Tapped 3/8" FIP)	44.20

Gas Stop Valves

600 Series (FIP x FIP)

- 175 WOG
- Forged brass body
- CSA

JMF John M Frey Company



Part #	Size	Price
1/2 GASCOCK	1/2" Lever Handled	5.38
3/4 GASCOCK	3/4" Lever Handled	7.98

WAL-RICH CORPORATION

Malleable Pipe Hangers

Three-Hole Ceiling Plates



Part #	Mfg #	Description	Price
PLATE 3/8	2412008	Plate For 3/8" All-Thread Galv	3.20

Split-Ring Hangers - Galvanized Hinge-Type



Part #	Mfg #	Description	Price
SR 1/2	2414022	1/2"	1.96
SR 3/4	2414024	3/4"	3.14
SR 1	2414026	1"	1.74
SR 11/4	2414028	1-1/4"	2.16

Black Carbon Steel Nipples - Std Weight



Black Carbon Steel Nipples - 3/8"

Part #	Size	Price
3/8XCL	3/8" x Close	1.42
3/8X2	3/8" x 2"	1.70
3/8X3	3/8" x 3"	2.12
3/8X4	3/8" x 4"	2.50
3/8X5	3/8" x 5"	3.76
3/8X6	3/8" x 6"	4.14

Black Carbon Steel Nipples - 1/2"

Part #	Size	Price
1/2XCL	1/2" x Close	0.86
1/2X11/2	1/2" x 1-1/2"	0.90
1/2X2	1/2" x 2"	0.94
1/2X21/2	1/2" x 2-1/2"	0.86
1/2X3	1/2" x 3"	0.86
1/2X31/2	1/2" x 3-1/2"	1.04
1/2X4	1/2" x 4"	1.04
1/2X41/2	1/2" x 4-1/2"	1.22
1/2X5	1/2" x 5"	1.22
1/2X51/2	1/2" x 5-1/2"	1.84
1/2X6	1/2" x 6"	1.96
1/2X7	1/2" x 7"	2.46
1/2X8	1/2" x 8"	3.22
1/2X9	1/2" x 9"	3.38
1/2X10	1/2" x 10"	2.96
1/2X11	1/2" x 11"	3.52
1/2X12	1/2" x 12"	4.32
1/2X14	1/2" x 14"	7.96
1/2X16	1/2" x 16"	9.38
1/2X18	1/2" x 18"	5.50
1/2X24	1/2" x 24"	7.18
1/2X30	1/2" x 30"	8.42
1/2X36	1/2" x 36"	9.92
1/2X48	1/2" x 48"	12.54
1/2X60	1/2" x 60"	15.04

Black Carbon Steel Nipples - 3/4"

Part #	Size	Price
3/4XCL	3/4" x Close	1.30
3/4X11/2	3/4" x 1-1/2"	0.90
3/4X2	3/4" x 2"	0.90
3/4X21/2	3/4" x 2-1/2"	1.02

Black Carbon Steel Nipples - 3/4" (Continued)

Part #	Size	Price
3/4X3	3/4" x 3"	1.02
3/4X31/2	3/4" x 3-1/2"	1.26
3/4X4	3/4" x 4"	1.26
3/4X41/2	3/4" x 4-1/2"	1.60
3/4X5	3/4" x 5"	1.60
3/4X51/2	3/4" x 5-1/2"	1.80
3/4X6	3/4" x 6"	1.80
3/4X7	3/4" x 7"	4.80
3/4X8	3/4" x 8"	4.80
3/4X9	3/4" x 9"	5.58
3/4X10	3/4" x 10"	5.58
3/4X11	3/4" x 11"	4.84
3/4X12	3/4" x 12"	3.90
3/4X18	3/4" x 18"	6.78
3/4X24	3/4" x 24"	8.68
3/4X30	3/4" x 30"	10.16
3/4X36	3/4" x 36"	12.04
3/4X48	3/4" x 48"	16.02
3/4X60	3/4" x 60"	31.30

Black Carbon Steel Nipples - 1"

Part #	Size	Price
1XCL	1" x Close	1.22
1X2	1" x 2"	1.34
1X21/2	1" x 2-1/2"	1.42
1X3	1" x 3"	1.52
1X31/2	1" x 3-1/2"	3.04
1X4	1" x 4"	1.76
1X41/2	1" x 4-1/2"	3.58
1X5	1" x 5"	2.08
1X51/2	1" x 5-1/2"	4.28
1X6	1" x 6"	2.64
1X12	1" x 12"	5.42
1X18	1" x 18"	8.58
1X24	1" x 24"	11.42
1X30	1" x 30"	13.16
1X36	1" x 36"	15.88
1X48	1" x 48"	20.76
1X60	1" x 60"	26.14

Black Carbon Steel Nipples - Std Weight



Black Carbon Steel Nipples - 1-1/4"

Part #	Size	Price
11/4XCL	1-1/4" x Close	2.70
11/4X2	1-1/4" x 2"	1.76
11/4X21/2	1-1/4" x 2-1/2"	1.86
11/4X3	1-1/4" x 3"	1.86
11/4X31/2	1-1/4" x 3-1/2"	3.60
11/4X4	1-1/4" x 4"	3.78
11/4X41/2	1-1/4" x 4-1/2"	2.64
11/4X5	1-1/4" x 5"	2.64
11/4X51/2	1-1/4" x 5-1/2"	5.42
11/4X6	1-1/4" x 6"	5.42
11/4X7	1-1/4" x 7"	8.78
11/4X8	1-1/4" x 8"	5.46
11/4X9	1-1/4" x 9"	10.52
11/4X10	1-1/4" x 10"	10.52
11/4X11	1-1/4" x 11"	11.90
11/4X12	1-1/4" x 12"	6.88
11/4X18	1-1/4" x 18"	19.20
11/4X24	1-1/4" x 24"	26.44
11/4X30	1-1/4" x 30"	30.54
11/4X36	1-1/4" x 36"	35.22
11/4X48	1-1/4" x 48"	47.70
11/4X60	1-1/4" x 60"	59.34

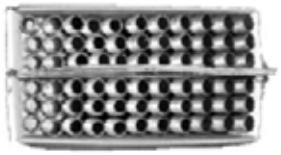
Black Carbon Steel Nipples - 1-1/2"

Part #	Size	Price
11/2X2	1-1/2" x 2"	3.56
11/2X21/2	1-1/2" x 2-1/2"	4.02
11/2X3	1-1/2" x 3"	4.02
11/2X31/2	1-1/2" x 3-1/2"	4.50
11/2X4	1-1/2" x 4"	4.50
11/2X6	1-1/2" x 6"	6.32
11/2X12	1-1/2" x 12"	13.52
11/2X18	1-1/2" x 18"	21.94
11/2X24	1-1/2" x 24"	29.58
11/2X30	1-1/2" x 30"	32.92
11/2X36	1-1/2" x 36"	39.34
11/2X48	1-1/2" x 48"	48.82
11/2X60	1-1/2" x 60"	66.36

Black Carbon Steel Nipples - 2"

Part #	Size	Price
2X21/2	2" x 2-1/2"	5.22
2X4	2" x 4"	6.28
2X5	2" x 5"	6.20
2X51/2	2" x 5-1/2"	8.50
2X6	2" x 6"	8.50
2X12	2" x 12"	19.30
2X18	2" x 18"	30.54
2X24	2" x 24"	40.48
2X30	2" x 30"	46.52
2X36	2" x 36"	31.72
2X48	2" x 48"	71.60
2X60	2" x 60"	92.12

Black Iron Nipple Kits



Part #	Size	Price
1/2 KIT	1/2"	55.98
3/4 KIT	3/4"	79.98
1 KIT	1"	119.84

Nipple Trays



Part #	Size	Price
50R	1/2" Nipple Tray	31.56
75R	3/4" Nipple Tray	42.20

Flexible Gas Piping System

TracPipe® Flexible Gas Piping

- Corrugated stainless steel 300 series with polyethylene jacket



Mfg #	Size	Length	Price
SS4-500-100	1/2"	100'	6.06
SS4-750-100	3/4"	100'	7.92
SS4-100-180	1"	180'	11.52
SS4-125-150	1-1/4"	150'	14.32
SS4-150-150	1-1/2"	150'	25.30

AutoFlare® Fittings & Accessories

AutoFlare® Straight Mechanical Fittings

- Fittings for TracPipe
- Brass fitting Autoflare insert



Mfg #	Size	Price
FST-375	3/8" (1/2" NPT)	15.28
FST-500	1/2"	16.54
FST-750	3/4"	22.38
FST-1000	1"	34.60
FST-1250	1-1/4"	76.76
FST-1500	1-1/2"	158.40

Spare Split Rings

Mfg #	Size	Price
FGP-RING-375	3/8"	1.46
FGP-RING-500	1/2"	0.82
FGP-RING-750	3/4"	0.88
FGP-RING-1000	1"	1.10

TracPipe® by TracPipe® Outlet Couplings

- Fittings for TracPipe
- Brass coupling fitting
- AutoFlare insert



Mfg #	Size	Price
FGP-CPLG-750	3/4"	50.06

Shut-Off Valves

- Brass housing w/stainless steel ball



Mfg #	Size	Price
FGP-WBV-500	1/2" Ball Valve	11.56
FGP-WBV-750	3/4" Ball Valve	21.32

TracPipe® Fittings

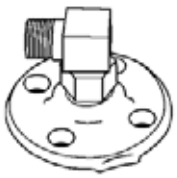
Flange Mount Fittings

- Fittings for TracPipe
- Brass fitting Autoflare insert



Mfg #	Size	Material	Price
FF-375	3/8"	Iron	25.36
FF-500	1/2"	Iron	24.10
FF-750	3/4"	Iron	31.52
FF-1000	1"	Iron	39.96
FF-1250	1-1/4"	Iron	100.38

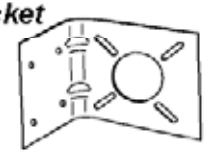
90° Elbow Flange Mount Fittings



Mfg #	Size	Material	Price
FGP-ELLS-375	3/8"	Malleable Iron	60.58
FGP-ELLS-500	1/2"	Malleable Iron	54.40

TracPipe® Accessories & Tools

Flanged L Bracket



Mfg #	Description	Price
FLG-TERM-BRAC	Bracket	10.64

Flexible Gas Piping System

Pressure Regulators

- Cast housing suitable for outdoor use
- 3 & 5A Include an approved vent limiter



FGP-REG

Mfg #	Regulator Size	Price
REG-5A	8" WC 3/4" Lg Cap NG	Spec Ord

TracPipe® Protection Devices

Striker Plates

- Hardened carbon steel



Quarter Half 6-1/2" x 17"

Mfg #	Size		Price
FGP-SP-025	3" x 2"	Quarter	1.34
FGP-SP-050	3" x 7"	Half	2.70
FGP-SP-617	6-1/2" x 17"	Standard	25.54

Floppy Steel Conduit



Mfg #	Fits	Size	Length	Price
FGP-FPY-500-50	1/2"	1"	50'	4.74
FGP-FPY-750-25	3/4"	1-1/4"	25'	6.00
FGP-FPY-1000-25	1"	1-1/2"	25'	12.54

Silicon Tape



Mfg #	Description	Price
SILTAPE	1" x 12 yd	44.18

At 2-J,
you'll find the quality products you need....
When you need it

Strut / Fittings

Series 1000 Metal Framing Channels

Pre-Galvanized Half-Slot



- 9/16" x 1-1/8" slots on 2" centers

Part #	Mfg #	Size	Price
A1200HS	P1000T	1-5/8" x 1-5/8" x 10', 12 Gauge	52.16
B1400HS	P4100T	1-5/8" x 13/16" x 10', 14 Gauge	44.70

Slotted Angle



Part #	Mfg #	Description	Price
SA-225	PA258	2-3/8" x 1-5/8" x 10', 14 Ga	54.54

90° Angle Fittings



Part #	Mfg #	Description	Price
B101	AB201	Standard Finish	3.44

C-Clamps - Junior Top Beam



Part #	Mfg #	Size	Price
M7773/8	PFL037	3/8"	4.44

Spring Nuts



Part #	Mfg #	Size	Price
CM1003/8	P1008	3/8"	2.72

Universal Beam Clamps

- Steel stamped; zinc plated
- Three 1/4-20 holes tapped 90° apart
- Hex head screws included

Part #	Mfg #	Size	Price
EBC100	EBC100	1" Universal Beam Clamp	1.76

Threaded Rod - Zinc



Part #	Mfg #	Size	Price
TR3/8X3	H104	3/8" x 3'	3.98
TR3/8X6	H104	3/8" x 6'	8.02
TR3/8X10	H104	3/8" x 10'	13.44
TR1/2X6	H104	1/2" x 6'	13.44

TEXTRON Fastening Systems

FABCO®

HangerMate™ Threaded Rod Anchoring/Fastening

Wood Applications

Horizontal Mount - End Drilled Head



- Waxed high-low thread & Type 17 point with shank slot

Part #	Size	Price
ZG660	3/8" Wood Straight	2.82
ZH665	3/8" Wood Side Entry	3.26

Steel Applications

Vertical Mount - End Drilled Head



- Self-drilling & self-tapping threads

Part #	Size	Price
ZG471	3/8" 14-16 ga Steel w/Nut	2.40

Horizontal Mount - Cross Drilled Head



- Self-drilling & self-tapping threads

Part #	Size	Price
ZH476	3/8" Steel Side Entry w/Nut	2.74

Duct Hangers



C & S Manufacturing Corporation

Basset Brackets - Galvanized

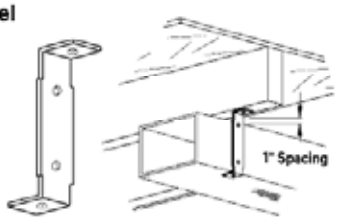
Self-Nailing Galvanized Brackets



Part #	Description	Ctn Qty	Price/Ctn
A-1 Bracket	12" - 19" Regular	25	43.22
E-125G	19" - 26" X-Long	25	54.16

Square Duct Hangers

- 18 Gauge galvanized steel
- 8" Hanger for cold air return ducts (allows for installation flush within floor joists
- 9" - 10" Hangers for warm air supply ducts (allows for 1" spacing below floor joists)



Part #	Description	Ctn Qty	Price/Ctn
B-8	8" Sold By Carton Only	100	79.74
B-9	9" Sold By Carton Only	100	61.28

Basset Straps

1" Wide Plain Steel Strap Banding

Part #	Description	Price/Each
BD1-100-30G	1" x 100' Roll, 30 Ga Non-Perforated	23.50

BRÄMEC®

Hanging Wire

- 18 gauge galvanized or soft black annealed



Part #	Size	Price
6501	2# Reel (330') Galv	18.66
6502	5# Reel (830') Galv	32.36

Hanger Strap

Metal Hanger Strap - Plain

Part #	Description	Price
STRAP	1" x 10', 24 Gauge	5.70
STRAP 2	2" x 10', 24 Gauge	9.46

Plastic Hanger Strap

- Flexible, non-conductive
- Can be cut to length w/scissors or utility knife
- Use for pipe hanger, duct hanger, tubing strap, strap, etc.



Part #	Size	Price
13038	3/4" x 100' Roll (Box)	14.98

Pipe Strap



- 28 gauge galvanized
- Alternating nail & bolt holes

Part #	Size	Price
6506	50' Roll (Box)	8.94
6507	100' Roll (Box)	16.48

Polypropylene Webbing Strap

- 1-3/4" Tensile strength: 440 lb average
- 3" tensile strength: 640 lb average
- For hanging flex-duct, etc.
- In 300' rolls



Part #	Description	Price
14932	1-3/4" Black Webbing	9.96
16105	3" Black Webbing	15.96

2-J's Commitment to You:
Quality Products
+ Exceptional Service
+ Competitive Prices
= 2-J Value

Master-fit / Southwark Sheet Metal Ducting

Galvanized Pipe, Elbows & Register Boots

Pipe



24 Gauge

MF Part #	SW Part #	Size	Price
1108 5X2 24	1008 24 5 24	5" x 24"	10.42
1108 6X2 24	1008 24 6 24	6" x 24"	13.00
1108 7X2 24	1008 24 7 24	7" x 24"	14.04
1108 8X2 24	1008 24 8 24	8" x 24"	15.76
1108 9X2 24	1008 24 9 24	9" x 24"	18.68
1108 10X2 24	1008 24 10 24	10" x 24"	19.78
1108 12X2 24	1008 24 12 24	12" x 24"	22.88
1108 14X2 24	1008 24 14 24	14" x 24"	25.64
1108 16X2 24	1008 24 16 24	16" x 24"	30.84
1108 18X2 24	1008 24 18 24	18" x 24"	37.48
1108 20X2 24	1008 24 20 24	20" x 24"	40.80
1108 22X2 24	1008 24 22 24	22" x 24"	44.82
1108 24X2 24	1008 24 24 24	24" x 24"	45.56

26 Gauge

MF Part #	SW Part #	Size	Price
1108 3X2 26	1008 24 3 26	3" x 24"	6.88
1108 4X2 26	1008 24 4 26	4" x 24"	6.54
1108 5X2 26	1008 24 5 26	5" x 24"	9.46
1108 6X2 26	1008 24 6 26	6" x 24"	10.90
1108 7X2 26	1008 24 7 26	7" x 24"	11.48
1108 8X2 26	1008 24 8 26	8" x 24"	13.48
1108 9X2 26	1008 24 9 26	9" x 24"	14.36
1108 10X2 26	1008 24 10 26	10" x 24"	16.10
1108 12X2 26	1008 24 12 26	12" x 24"	18.96
1108 14X2 26	1008 24 14 26	14" x 24"	21.88
1108 16X2 26	1008 24 16 26	16" x 24"	23.60
1108 18X2 26	1008 24 18 26	18" x 24"	30.82
1108 20X2 26	1008 24 20 26	20" x 24"	34.36
1108 4X5 26	1008 60 4 26	4" x 60"	17.26
1108 5X5 26	1008 60 5 26	5" x 60"	21.02
1108 6X5 26	1008 60 6 26	6" x 60"	18.42
1108 7X5 26	1008 60 7 26	7" x 60"	25.62
1108 8X5 26	1008 60 8 26	8" x 60"	24.42
1108 9X5 26	1008 60 9 26	9" x 60"	34.54
1108 10X5 26	1008 60 10 26	10" x 60"	30.28
1108 12X5 26	1008 60 12 26	12" x 60"	40.78
1108 14X5 26	1008 60 14 26	14" x 60"	43.68

30 Gauge

MF Part #	SW Part #	Size	Price
1108 3X2 30	1008 24 3 30	3" x 24"	5.18
1108 4X2 30	1008 24 4 30	4" x 24"	5.16
1108 5X2 30	1008 24 5 30	5" x 24"	6.56
1108 6X2 30	1008 24 6 30	6" x 24"	5.76
1108 7X2 30	1008 24 7 30	7" x 24"	8.32
1108 8X2 30	1008 24 8 30	8" x 24"	8.66
1108 9X2 30	1008 24 9 30	9" x 24"	10.90
1108 10X2 30	1008 24 10 30	10" x 24"	11.48
1108 12X2 30	1008 24 12 30	12" x 24"	14.36
1108 3X5 30	1008 60 3 30	3" x 60"	9.54
1108 4X5 30	1008 60 4 30	4" x 60"	9.26
1108 5X5 30	1008 60 5 30	5" x 60"	11.40
1108 6X5 30	1008 60 6 30	6" x 60"	10.90
1108 7X5 30	1008 60 7 30	7" x 60"	15.70
1108 8X5 30	1008 60 8 30	8" x 60"	17.70
1108 9X5 30	1008 60 9 30	9" x 60"	25.06
1108 10X5 30	1008 60 10 30	10" x 60"	25.62
1108 12X5 30	1008 60 12 30	12" x 60"	31.46

90° Adjustable Elbows



24 Gauge

MF Part #	SW Part #	Size	Price
1105 5 24	1005 5 24	5"	9.78
1105 6 24	1005 6 24	6"	10.72
1105 7 24	1005 7 24	7"	11.56
1105 8 24	1005 8 24	8"	13.62
1105 9 24	1005 9 24	9"	15.80
1105 10 24	1005 10 24	10"	18.04
1105 12 24	1005 12 24	12"	21.50
1105 14 24	1005 14 24	14"	39.18
1105 16 24	1005 16 24	16"	44.54
1105 18 24	1005 18 24	18"	51.92
1105 20 24	1005 20 24	20"	61.22
1105 22 24	1005 22 24	22"	103.56
1105 24 24	1005 24 24	24"	103.56

26 Gauge

MF Part #	SW Part #	Size	Price
1105 3 26	1005 3 26	3"	5.72

All Items Not Stocked in All Branches - Call for Availability

Master-fit / Southwark Sheet Metal Ducting

Galvanized Pipe, Elbows & Register Boots (Continued)

90° Adjustable Elbows

26 Gauge

MF Part #	SW Part #	Size	Price
1105 4 26	1005 4 26	4"	4.90
1105 5 26	1005 5 26	5"	6.84
1105 6 26	1005 6 26	6"	6.14
1105 7 26	1005 7 26	7"	8.60
1105 8 26	1005 8 26	8"	7.62
1105 9 26	1005 9 26	9"	12.92
1105 10 26	1005 10 26	10"	13.14
1105 12 26	1005 12 26	12"	19.78
1105 14 26	1005 14 26	14"	23.00
1105 16 26	1005 16 26	16"	38.32

28 Gauge

MF Part #	SW Part #	Size	Price
1105 12 28	1005 12 28	12"	14.98

30 Gauge

MF Part #	SW Part #	Size	Price
1105 3 30	1005 3 30	3"	3.58
1105 4 30	1005 4 30	4"	3.30
1105 5 30	1005 5 30	5"	3.66
1105 6 30	1005 6 30	6"	3.44
1105 7 30	1005 7 30	7"	4.80
1105 8 30	1005 8 30	8"	5.18
1105 9 30	1005 9 30	9"	10.74
1105 10 30	1005 10 30	10"	11.88

Adjustable 2-Piece Angles

24 Gauge

MF Part #	SW Part #	Size	Price
1106 7 24	1006 7 24	7"	13.52
1106 8 24	1006 8 24	8"	14.70
1106 9 24	1006 9 24	9"	17.34
1106 10 24	1006 10 24	10"	19.06
1106 12 24	1006 12 24	12"	18.60
1106 16 24	1006 16 24	16"	Spec Ord

26 Gauge

MF Part #	SW Part #	Size	Price
1106 4 26	1006 4 26	4"	7.42
1106 5 26	1006 5 26	5"	7.72
1106 6 26	1006 6 26	6"	8.60
1106 7 26	1006 7 26	7"	9.74
1106 8 26	1006 8 26	8"	11.50
1106 9 26	1006 9 26	9"	16.68
1106 10 26	1006 10 26	10"	14.94
1106 12 26	1006 12 26	12"	15.44
1106 14 26	1006 14 26	14"	33.70
1106 16 26	1006 16 26	16"	47.30

30 Gauge

MF Part #	SW Part #	Size	Price
1106 4 30	1006 4 30	4"	5.44
1106 5 30	1006 5 30	5"	5.70
1106 7 30	1006 7 30	7"	7.72
1106 8 30	1106 8 30	8"	6.60
1106 10 30	1006 10 30	10"	13.70
1106 12 30	1006 12 30	12"	18.10

Adjustable 3-Piece Angles



MF Part #	SW Part #	Size	Price
1107 18 24	1006 18 24	18" 24 Gauge	53.64
1107 20 24	1006 20 24	20" 24 Gauge	92.76
1107 22 24	1006 22 24	22" 24 Gauge	56.52

Master-fit / Southwark Sheet Metal Ducting

End Boot



MF Part #	SW Part #	Size	Price
PH3 2X10X4	PH3 2X10X4	2-1/4" x 10" x 4"	9.54
PH3 2X10X5	PH3 2X10X5	2-1/4" x 10" x 5"	9.54
PH3 2X10X6	PH3 2X10X6	2-1/4" x 10" x 6"	9.54
PH3 2X12X5	PH3 2X12X5	2-1/4" x 12" x 5"	10.42
PH3 2X12X6	PH3 2X12X6	2-1/4" x 12" x 6"	10.42
PH3 2X12X7	PH3 2X12X7	2-1/4" x 12" x 7"	10.44
PH3 2X14X6	PH3 2X14X6	2-1/4" x 14" x 6"	12.98
PH3 2X14X7	PH3 2X14X7	2-1/4" x 14" x 7"	12.98
PH3 4X10X4	PH3 4X10X4	4" x 10" x 4"	9.54
PH3 4X10X5	PH3 4X10X5	4" x 10" x 5"	9.54
PH3 4X10X6	PH3 4X10X6	4" x 10" x 6"	7.22
PH3 4X10X7	PH3 4X10X7	4" x 10" x 7"	8.76
PH3 4X12X5	PH3 4X12X5	4" x 12" x 5"	10.42
PH3 4X12X6	PH3 4X12X6	4" x 12" x 6"	9.60
PH3 4X12X7	PH3 4X12X7	4" x 12" x 7"	9.60
PH3 4X12X8	PH3 4X12X8	4" x 12" x 8"	10.48
PH3 4X14X6	PH3 4X14X6	4" x 14" x 6"	12.98
PH3 4X14X7	PH3 4X14X7	4" x 14" x 7"	12.98
PH3 4X14X8	PH3 4X14X8	4" x 14" x 8"	12.98
PH3 6X10X6	PH3 6X10X6	6" x 10" x 6"	8.14
PH3 6X10X7	PH3 6X10X7	6" x 10" x 7"	10.44
PH3 6X10X8	PH3 6X10X8	6" x 10" x 8"	8.16
PH3 6X12X6	PH3 6X12X6	6" x 12" x 6"	10.44
PH3 6X12X7	PH3 6X12X7	6" x 12" x 7"	10.44
PH3 6X12X8	PH3 6X12X8	6" x 12" x 8"	10.44
PH3 6X14X6	PH3 6X14X6	6" x 14" x 6"	13.52
PH3 6X14X7	PH3 6X14X7	6" x 14" x 7"	13.58
PH3 6X14X8	PH3 6X14X8	6" x 14" x 8"	13.58

Left Hand Offset Boot

MF Part #	SW Part #	Size	Price
PH13L 2X10X6	PH3L 2-1/4X10X6	2-1/4" x 10" x 6"	9.48
PH13L 2X12X6	PH3L 2-1/4X12X6	2-1/4" x 12" x 6"	11.46
PH13L 4X10X6	PH3L 4X10X6	4" x 10" x 6"	10.62
PH13L 4X12X6	PH3L 4X12X6	4" x 12" x 6"	17.80
PH13L 4X12X7	PH3L 4X12X7	4" x 12" x 7"	26.50

Right Hand Offset Boot

MF Part #	SW Part #	Size	Price
PH13R 2X10X6	PH3R 2-1/4X10X6	2-1/4" x 10" x 6"	10.36
PH13R 2X12X6	PH3R 2-1/4X12X6	2-1/4" x 12" x 6"	17.52
PH13R 4X10X6	PH3R 4X10X6	4" x 10" x 6"	10.62
PH13R 4X12X6	PH3R 4X12X6	4" x 12" x 6"	16.34
PH13R 4X12X7	PH3R 4X12X7	4" x 12" x 7"	14.72

Elbow Boot



MF Part #	SW Part #	Size	Price
PH4 2X10X4	PH4 2X10X4	2-1/4" x 10" x 4"	8.98
PH4 2X10X5	PH4 2X10X5	2-1/4" x 10" x 5"	8.98
PH4 2X10X6	PH4 2X10X6	2-1/4" x 10" x 6"	8.98
PH4 2X12X5	PH4 2X12X5	2-1/4" x 12" x 5"	9.54
PH4 2X12X6	PH4 2X12X6	2-1/4" x 12" x 6"	9.58
PH4 2X12X7	PH4 2X12X7	2-1/4" x 12" x 7"	9.54
PH4 2X14X6	PH4 2X14X6	2-1/4" x 14" x 6"	10.14
PH4 2X14X7	PH4 2X14X7	2-1/4" x 14" x 7"	10.10
PH4 4X10X4	PH4 4X10X4	4" x 10" x 4"	8.40
PH4 4X10X5	PH4 4X10X5	4" x 10" x 5"	8.40
PH4 4X10X6	PH4 4X10X6	4" x 10" x 6"	6.84
PH4 4X10X7	PH4 4X10X7	4" x 10" x 7"	8.44
PH4 4X12X5	PH4 4X12X5	4" x 12" x 5"	9.54
PH4 4X12X6	PH4 4X12X6	4" x 12" x 6"	7.58
PH4 4X12X7	PH4 4X12X7	4" x 12" x 7"	7.02
PH4 4X12X8	PH4 4X12X8	4" x 12" x 8"	9.56
PH4 4X14X6	PH4 4X14X6	4" x 14" x 6"	10.10
PH4 4X14X7	PH4 4X12X7	4" x 14" x 7"	10.14
PH4 4X14X8	PH4 4X14X8	4" x 14" x 8"	10.14
PH4 6X10X6	PH4 6X10X6	6" x 10" x 6"	9.46
PH4 6X10X7	PH4 6X10X7	6" x 10" x 7"	9.30
PH4 6X10X8	PH4 6X10X8	6" x 10" x 8"	9.88
PH4 6X12X6	PH4 6X12X6	6" x 12" x 6"	10.16
PH4 6X12X7	PH4 6X12X7	6" x 12" x 7"	8.18
PH4 6X12X8	PH4 6X12X8	6" x 12" x 8"	9.30
PH4 6X14X6	PH4 6X14X6	6" x 14" x 6"	10.70
PH4 6X14X7	PH4 6X14X7	6" x 14" x 7"	10.70
PH4 6X14X8	PH4 6X14X8	6" x 14" x 8"	10.70

Master-fit / Southwark Sheet Metal Ducting

Straight Boot



MF Part #	SW Part #	Size	Price
PH7 2X10X4	PH7 2X10X4	2-1/4" x 10" x 4"	8.98
PH7 2X10X5	PH7 2X10X5	2-1/4" x 10" x 5"	8.98
PH7 2X10X6	PH7 2X10X6	2-1/4" x 10" x 6"	8.98
PH7 2X12X5	PH7 2X12X5	2-1/4" x 12" x 5"	8.98
PH7 2X12X6	PH7 2X12X6	2-1/4" x 12" x 6"	9.02
PH7 2X12X7	PH7 2X12X7	2-1/4" x 12" x 7"	8.98
PH7 2X14X6	PH7 2X14X6	2-1/4" x 14" x 6"	10.10
PH7 2X14X7	PH7 2X14X7	2-1/4" x 14" x 7"	10.10
PH7 4X10X4	PH7 4X10X4	4" x 10" x 4"	8.40
PH7 4X10X5	PH7 4X10X5	4" x 10" x 5"	8.98
PH7 4X10X6	PH7 4X10X6	4" x 10" x 6"	6.84
PH7 4X10X7	PH7 4X10X7	4" x 10" x 7"	9.96
PH7 4X12X5	PH7 4X12X5	4" x 12" x 5"	8.98
PH7 4X12X6	PH7 4X12X6	4" x 12" x 6"	7.32
PH7 4X12X7	PH7 4X12X7	4" x 12" x 7"	7.30
PH7 4X12X8	PH7 4X12X8	4" x 12" x 8"	9.00
PH7 4X14X6	PH7 4X14X6	4" x 14" x 6"	10.10
PH7 4X14X7	PH7 4X14X7	4" x 14" x 7"	10.10
PH7 4X14X8	PH7 4X14X8	4" x 14" x 8"	10.14
PH7 6X10X6	PH7 6X10X6	6" x 10" x 6"	7.02
PH7 6X10X7	PH7 6X10X7	6" x 10" x 7"	9.00
PH7 6X10X8	PH7 6X10X8	6" x 10" x 8"	9.04
PH7 6X12X6	PH7 6X12X6	6" x 12" x 6"	9.86
PH7 6X12X7	PH7 6X12X7	6" x 12" x 7"	9.00
PH7 6X12X8	PH7 6X12X8	6" x 12" x 8"	9.00
PH7 6X14X6	PH7 6X14X6	6" x 14" x 6"	10.70
PH7 6X14X7	PH7 6X14X7	6" x 14" x 7"	10.70
PH7 6X14X8	PH7 6X14X8	6" x 14" x 8"	9.84

Galvanized Reducers / Increasers, Round End Caps

No Crimp Reducer



MF Part #	SW Part #	Size	Price
1253 4X3	1062 4X3	4" x 3"	9.58
1253 5X3	1062 5X3	5" x 3"	11.00
1253 5X4	1062 5X4	5" x 4"	10.18
1253 6X3	1062 6X3	6" x 3"	10.44
1253 6X4	1062 6X4	6" x 4"	9.58
1253 6X5	1062 6X5	6" x 5"	9.60
1253 7X4	1062 7X4	7" x 4"	13.00
1253 7X5	1062 7X5	7" x 5"	13.00
1253 7X6	1062 7X6	7" x 6"	11.86
1253 8X4	1062 8X4	8" x 4"	13.36
1253 8X5	1062 8X5	8" x 5"	13.02
1253 8X6	1062 8X6	8" x 6"	11.90
1253 8X7	1062 8X7	8" x 7"	11.90
1253 9X5	1062 9X5	9" x 5"	19.24
1253 9X6	1062 9X6	9" x 6"	16.36
1253 9X7	1062 9X7	9" x 7"	16.92
1253 9X8	1062 9X8	9" x 8"	16.36
1253 10X6	1062 10X6	10" x 6"	16.56
1253 10X7	1062 10X7	10" x 7"	17.24
1253 10X8	1062 10X8	10" x 8"	15.38
1253 10X9	1062 10X9	10" x 9"	18.10
1253 12X6	1062 12X6	12" x 6"	21.00
1253 12X7	1062 12X7	12" x 7"	16.10
1253 12X8	1062 12X8	12" x 8"	17.76
1253 12X9	1062 12X9	12" x 9"	18.40
1253 12X10	1062 12X10	12" x 10"	18.40
1253 14X8	1062 14X8	14" x 8"	24.76
1253 14X10	1062 14X10	14" x 10"	24.76
1253 14X12	1062 14X12	14" x 12"	24.76
1253 16X10	1062 16X10	16" x 10"	35.80
1253 16X12	1062 16X12	16" x 12"	32.90
1253 16X14	1062 16X14	16" x 14"	39.34
1253 18X16	1062 18X16	18" x 16"	42.84

Master-fit / Southwark Sheet Metal Ducting

Crimped End Cap

MF Part #	SW Part #	Size	Price
1255 3	1064CR 3	3"	10.02
1255 4	1064CR 4	4"	7.82
1255 5	1064CR 5	5"	8.28
1255 6	1064CR 6	6"	8.60
1255 7	1064CR 7	7"	9.14
1255 8	1064CR 8	8"	10.04
1255 9	1064CR 9	9"	10.90
1255 10	1064CR 10	10"	16.66
1255 12	1064CR 12	12"	18.40
1255 14	1064CR 14	14"	31.70
1255 16	1064CR 16	16"	36.90
1255 20	1064CR 20	20"	57.66

Plain End Cap - Model 1256



MF Part #	SW Part #	Size	Price
1256 3	1064 3	3"	10.02
1256 4	1064 4	4"	7.82
1256 5	1064 5	5"	8.28
1256 6	1064 6	6"	8.60
1256 7	1064 7	7"	9.18
1256 8	1064 8	8"	10.32
1256 9	1064 9	9"	10.90
1256 10	1064 10	10"	16.94
1256 12	1064 12	12"	18.40
1256 14	1064 14	14"	28.50
1256 16	1064 16	16"	35.86
1256 18	1064 18	18"	38.46
1256 20	1064 20	20"	46.26

Quad Dampers

Single Quad in Pipe

MF Part #	SW Part #	Size	Price
1259 6	1259 6	6"	17.24
1259 8	1259 8	8"	20.14

Single Quad Spring Type Damper

MF Part #	SW Part #	Size	Price
1243 3	70710000	3"	4.40
1243 4	1066 4	4"	5.44
1243 5	1066 5	5"	6.36
1243 6	1066 6	6"	5.78
1243 7	1066 7	7"	6.88
1243 8	1066 8	8"	7.78
1243 9	1066 9	9"	9.76
1243 10	1066 10	10"	10.10
1243 12	1066 12	12"	13.90
1243 14	70713400	14"	17.44

Series 1200 Draft Diverters

Horizontal Diverters

MF Part #	SW Part #	Size	Price
1272 3	70750200	3"	56.74
1272 4	70750600	4"	58.30
1272 5	70751000	5"	59.62
1272 6	70751400	6"	Spec Ord
1272 7	70751800	7"	Spec Ord
1272 8	1272 8	8"	85.88

Vertical Diverters

MF Part #	SW Part #	Size	Price
1270 3	70770200	3"	64.70
1270 4	70770600	4"	65.36
1270 5	70771000	5"	72.20
1270 6	70771400	6"	74.42
1270 7	70771800	7"	Spec Ord
1270 8	70772200	8"	100.04

Horizontal-Vertical Diverters

MF Part #	SW Part #	Size	Price
1271 3	70740200	3"	53.66
1271 5	70741000	5"	56.08
1271 6	70741400	6"	57.40
1271 7	70741800	7"	66.90
1271 8	70742200	8"	82.72
1271 10	70743000	10"	126.96

Master-fit / Southwark Sheet Metal Ducting

Draw Bands



28 Gauge

MF Part #	SW Part #	Size	Price
1114 4	1065 4	4"	12.48
1114 5	1065 5	5"	8.56
1114 6	1065 6	6"	8.64
1114 7	1065 7	7"	8.64
1114 8	1065 8	8"	10.10
1114 9	1065 9	9"	14.00
1114 10	1065 10	10"	15.66
1114 12	1065 12	12"	18.56
1114 14	1065 14	14"	22.14

Galvanized Tee Joints & Wye Branches

Wye Branch



MF Part #	SW Part #	Size	Price
1112 6X4X4	1061 6X4X4	6" x 4" x 4"	29.98
1112 7X5X5	1061 7X5X5	7" x 5" x 5"	29.66
1112 8X6X6	1061 8X6X6	8" x 6" x 6"	27.92
1112 9X7X7	1061 9X7X7	9" x 7" x 7"	34.62
1112 10X7X7	1061 10X7X7	10" x 7" x 7"	35.98
1112 10X8X8	1061 10X8X8	10" x 8" x 8"	36.40
1112 12X8X8	1061 12X8X8	12" x 8" x 8"	34.88
1112 121010	1061 12X10X10	12" x 10" x 10"	43.66

No Crimp Tee



MF Part #	SW Part #	Size		Price
1174 3	1060 3	3"		27.70
1174 4	1060 4	4"		17.46
1174 5	1060 5	5"		24.50
1174 6	1060 6	6"		22.44
1174 7	1060 7	7"		22.70
1174 8	1060 8	8"		21.28
1174 9	1060 26 9	9"	26 Ga	28.52
1174 10	1060 26 10	10"	26 Ga	31.18
1174 12	1059 24 12	12"	24 Ga	34.96
1174 14	1060 26 14	14"	26 Ga	48.08
1174 16	1060 26 16	16"	26 Ga	49.54
1174 18	1059 24 18	18"	24 Ga	86.04

Reducing Wye

MF Part #	SW Part #	Size	Price
1122 8X6X6	1058 8X6X6	8" x 6" x 6"	34.50

Adjustable Wye



MF Part #	SW Part #	Size	Price
1123 4X3X3	1058 4X3X3	4" x 3" x 3"	35.70
1123 4X4X3	1058 4X4X3	4" x 4" x 3"	31.96
1123 5X3X3	1058 5X3X3	5" x 3" x 3"	35.42
1123 5X4X3	1058 5X4X3	5" x 4" x 3"	27.68
1123 5X5X3	1058 5X5X3	5" x 5" x 3"	35.42
1123 5X4X4	1058 5X4X4	5" x 4" x 4"	35.70
1123 6X4X3	1058 6X4X3	6" x 4" x 3"	30.60
1123 6X5X3	1058 6X5X3	6" x 5" x 3"	24.06
1123 6X6X3	1058 6X6X3	6" x 6" x 3"	35.42
1123 6X4X4	1058 6X4X4	6" x 4" x 4"	36.58
1123 6X5X4	1058 6X5X4	6" x 5" x 4"	36.58

Master-fit / Southwark Sheet Metal Ducting

Galvanized Tee Joints & Wye Branches (Continued)

Adjustable Wye

MF Part #	SW Part #	Size	Price
1123 7X4X3	1058 7X4X3	7" x 4" x 3"	36.58
1123 7X5X3	1058 7X5X3	7" x 5" x 3"	36.58
1123 7X5X4	1058 7X5X4	7" x 5" x 4"	36.58
1123 7X6X3	1058 7X6X3	7" x 6" x 3"	36.58
1123 7X6X4	1058 7X6X4	7" x 6" x 4"	36.58
1123 8X6X6	1058 8X6X6	8" x 6" x 6"	43.96
1123 8X7X3	1058 8X7X3	8" x 7" x 3"	31.56
1123 8X7X4	1058 8X7X4	8" x 7" x 4"	23.40

Galvanized Collars

Short Plain Collar



MF Part #	SW Part #	Size	Price
1150 3	1050 3	3"	2.82
1150 4	1050 4	4"	2.82
1150 5	1050 5	5"	2.82
1150 6	1050 6	6"	2.82
1150 7	1050 7	7"	2.80
1150 8	1050 8	8"	2.78
1150 9	1050 9	9"	5.72
1150 10	1050 10	10"	5.70
1150 12	1050 12	12"	7.40
1150 14	1050 14	14"	8.28
1150 16	1050 16	16"	10.62
1150 18	1050 18	18"	13.82
1150 20	1050 20	20"	25.30
1150 22	1050 22	22"	33.56
1150 24	1050 24	24"	39.50

Short Crimped Collar



MF Part #	SW Part #	Size	Price
1151 3	1051 3	3"	2.82
1151 4	1051 4	4"	2.82
1151 5	1051 5	5"	2.82
1151 6	1051 6	6"	2.22
1151 7	1051 7	7"	2.80
1151 8	1051 8	8"	3.66
1151 9	1051 9	9"	5.72
1151 10	1051 10	10"	5.70
1151 12	1051 12	12"	7.40
1151 14	1051 14	14"	8.28
1151 16	1051 16	16"	10.62
1151 18	1051 18	18"	11.60
1151 20	1051 20	20"	14.46

Long Collar With Damper

MF Part #	SW Part #	Size	Price
1149CD 6	1149 6	6"	9.42
1149CD 7	1149 7	7"	11.46
1149CD 8	1149 8	8"	11.46
1149CD 9	1149 9	9"	14.10
1149CD 10	1149 10	10"	17.24
1149CD 12	1149 12	12"	22.44
1149CD 14	1149 14	14"	25.32

Long Collar



MF Part #	SW Part #	Size	Price
1149C 4	1150 4	4"	2.76
1149C 5	1150 5	5"	2.76
1149C 6	1150 6	6"	2.46
1149C 7	1150 7	7"	2.78
1149C 8	1150 8	8"	3.34
1149C 9	1150 9	9"	7.14
1149C 10	1150 10	10"	6.56
1149C 12	1150 12	12"	6.84
1149C 14	1150 14	14"	10.60
1149C 16	1150 16	16"	14.34
1149C 18	1150 18	18"	24.16
1149C 20	1150 20	20"	25.60

Master-fit / Southwark Sheet Metal Ducting

Angle Take Offs

Adjustable Top / Side Angle Take Off

MF Part #	SW Part #	Size	Price
EP13 4	EP13 4	4"	22.42
EP13 5	EP13 5	5"	17.54
EP13 6	EP13 6	6"	13.90
EP13 7	EP13 7	7"	19.54
EP13 8	EP13 8	8"	27.64
EP13 9	EP13 9	9"	38.76
EP13 10	EP13 10	10"	43.70
EP13 12	EP13 12	12"	54.24

Adjustable Angle Take Off



MF Part #	SW Part #	Size	Price
1167 5	EP15 6X5	6" to 5"	8.62
1167B 6	EP15 7X6	7" to 6"	5.16
1167 7	EP15 8X7	8" to 7"	10.36
1167 8	EP15 9X8	9" to 8"	13.06

Angle Take Off

MF Part #	SW Part #	Size	Price
1168 7X6	87 6	7" to 6"	17.24

Tab-In Take Offs

0" Rise Take Off

MF Part #	SW Part #	Size	Price
1165 6	62 6	6"	19.54
1165 7	62 7	7"	21.02
1165 8	62 8	8"	22.88

Double Top Take Off



MF Part #	SW Part #	Size	Price
1166 6	64 6	6"	40.04

Spin-In Take Offs

Spin-In w/Bead, Crimp & Damper

MF Part #	SW Part #	Size	Price
1352 4	1348 4	4"	15.52
1352 5	1348 5	5"	19.06
1352 6	1348 6	6"	16.40
1352 7	1348 7	7"	21.28
1352 8	1348 8	8"	17.84
1352 9	1348 9	9"	16.96
1352 10	1348 10	10"	19.58
1352 12	1348 12	12"	24.48
1352 14	1348 14	14"	30.56
1352 16	1348 16	16"	30.90

Spin-In w/Bead, Crimp, Scoop & Damper

MF Part #	SW Part #	Size	Price
1353 5	1349 5	5"	19.00
1353 6	1349 6	6"	20.66
1353 7	1349 7	7"	23.02
1353 8	1349 8	8"	26.98
1353 9	1349 9	9"	29.36
1353 10	1349 10	10"	32.04
1353 12	1349 12	12"	37.12
1353 14	1349 14	14"	39.42
1353 16	1349 16	16"	45.16

Plain Spin-In w/Bead & Crimp

MF Part #	SW Part #	Size	Price
1357 5	1351 5	5"	8.54
1357 6	1351 6	6"	10.02
1357 7	1351 7	7"	8.58
1357 8	1351 8	8"	10.32
1357 9	1351 9	9"	11.20
1357 10	1351 10	10"	13.28
1357 12	1351 12	12"	16.92
1357 14	1351 14	14"	15.00

Master-fit / Southwark Sheet Metal Ducting

FasFit / Air-Tite Take Offs

Plain Take Off

MF Part #	SW Part #	Size	Price
ATT 18	70311900	18"	28.42

Take Off With Damper

MF Part #	SW Part #	Size	Price
ATD 4	70312100	4"	12.08
ATD 5	ATD 5	5"	15.80
ATD 6	ATD 6	6"	14.14
ATD 7	ATD 7	7"	16.44
ATD 8	ATD 8	8"	18.72
ATD 9	ATD 9	9"	17.42
ATD 10	ATD 10	10"	25.34
ATD 12	ATD 12	12"	29.64
ATD 14	ATD 14	14"	34.56
ATD 16	ATD 16	16"	38.92

Take Off With Scoop & Damper

MF Part #	SW Part #	Size	Price
ATSD 5	ATSD 5	5"	21.56
ATSD 6	ATSD 6	6"	23.88
ATSD 7	ATSD 7	7"	26.80
ATSD 8	ATSD 8	8"	30.52
ATSD 10	ATSD 10	10"	38.34
ATSD 12	ATSD 12	12"	42.54
ATSD 14	ATSD 14	14"	46.64
ATSD 16	ATSD 16	16"	47.72
ATSD 18	ATSD 18	18"	73.82
ATSD 20	ATSD 20	20"	74.22

Saddle With Damper

MF Part #	SW Part #	Size	Price
SATD 6	ATDRP 6	6"	21.02
SATD 7	ATDRP7	7"	18.94
SATD 8	ATDRP 8	8"	26.50
SATD 10	ATDRP 10	10"	32.56
SATD 12	ATDRP 12	12"	35.80
SATD 14	ATDRP 14	14"	42.38
SATD 20	SATD 20	20"	47.68

Duct Board Take Offs

Spin-In Take Off for Duct Board

MF Part #	SW Part #	Size	Price
1451 4	2019 4	4"	17.82
1451 5	2019 5	5"	17.84
1451 6	2019 6	6"	17.92
1451 7	2019 7	7"	16.94
1451 8	2019 8	8"	17.82
1451 9	2019 9	9"	26.08
1451 10	2019 10	10"	22.16
1451 12	2019 12	12"	24.70
1451 14	2019 14	14"	29.36
1451 16	2019	16"	29.80
1451 18	2019 18	18"	32.66

Spin-In Take Off for Duct Board w/Scoop & Damper

MF Part #	SW Part #	Size	Price
1472 6	2024 6	6"	31.46
1472 7	2024 7	7"	32.76
1472 8	2024 8	8"	34.40
1472 9	2024 9	9"	37.72
1472 10	2024 10	10"	40.50
1472 12	2024 12	12"	55.64
1472 14	2024 140	14"	51.44
1472 16	2024 16	16"	61.82

Lock-In Transition Take Offs for Duct Board

- Designed to reach through 1" duct board



MF Part #	SW Part #	Size	Price
1413 5	2013 5	5"	26.48
1413 6	2013 6	6"	21.52
1413 7	2013 7	7"	28.80
1413 8	2013 8	8"	34.54

Master-fit / Southwark Sheet Metal Ducting

Fiberglass Duct Board Takeoffs & Collars

Tab-In Take Off for Duct Board w/Bead, Crimp & Damper

MF Part #	SW Part #	Size	Price
1474 6	2018 6	6"	20.22
1474 7	2018 7	7"	22.18
1474 8	2018 8	8"	23.74
1474 10	2018 10	10"	30.74
1474 14	2018 14	14"	38.10

Duct Board Collars Without Damper

MF Part #	SW Part #	Size	Price
2020 4		4"	10.06
2020 5		5"	10.06
2020 6		6"	10.04
2020 7		7"	11.22
2020 8		8"	13.50
2020 9		9"	12.62
2020 10		10"	19.88
2020 12		12"	22.34
2020 14		14"	20.28
2020 16		16"	26.68

Round To Round Takeoff

MF Part #	SW Part #	Size	Price
2022 6		7" to 6"	18.00

2-J's Design, Takeoff & Calculation Service:

Takeoffs

System Design

Heat Loss/Gain

Rectangular Duct and Fittings

Rectangular Duct

- Cross Broke



MF Part #	SW Part #	Size	Price
1215 8X8X48	TD48 8X8	8" x 8" x 48"	24.58
1215 10X8X48	TD48 10X8	10" x 8" x 48"	26.26
1215 12X8X48	TD48 12X8	12" x 8" x 48"	28.30
1215 14X8X48	TD48 14X8	14" x 8" x 48"	32.20
1215 16X8X48	TD48 16X8	16" x 8" x 48"	31.72
1215 18X8X48	TD48 18X8	18" x 8" x 48"	40.28
1215 20X8X48	TD48 20X8	20" x 8" x 48"	41.50
1215 22X8X48	TD48 22X8	22" x 8" x 48"	43.74
1215 24X8X48	TD48 24X8	24" x 8" x 48"	49.98
1215 26X8X48	TD48 26X8	26" x 8" x 48"	61.20
1215 28X8X48	TD48 28X8	28" x 8" x 48"	71.14
1215 30X8X48	TD48 30X8	30" x 8" x 48"	72.90
1215 20X10X4	TD48 20X10	20" x 10" x 48"	57.30
1215 24X10X4	TD48 24X10	24" x 10" x 48"	67.98
1215 24X12X4	TD48 24X12	24" x 12" x 48"	71.00
1215 25X10X4	TD48 25X10	25" x 10" x 48"	73.76
1215 30X10X4	TD48 30X10	30" x 10" x 48"	69.00

2" Rise Take Off

MF Part #	SW Part #	Size	Price
1200 8X8	1147 8x8	8" x 8"	30.80
1200 10X8	1147 10X8	10" x 8"	32.82
1200 12X8	1147 12X8	12" x 8"	34.62
1200 14X8	1147 14x8	14" x 8"	36.68
1200 16X8	1147 16x8	16" x 8"	39.34
1200 18X8	1147 18x8	18" x 8"	40.34
1200 20X8	1147 20x8	20" x 8"	43.22
1200 22X8	1147 22x8	22" x 8"	58.92
1200 24X8	1147 24x8	24" x 8"	48.44
1200 26X8	1147 26x8	26" x 8"	70.10
1200 28X8	1147 28x8	28" x 8"	83.50
1200 30X8	1147 30x8	30" x 8"	77.86

Master-fit / Southwark Sheet Metal Ducting

3" Straight Take Off



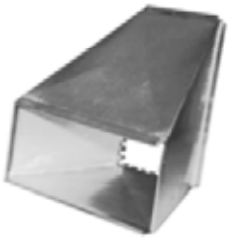
MF Part #	SW Part #	Size	Price
1201 8X8	1100 8X8	8" x 8"	11.48
1201 10X8	1100 10x8	10" x 8"	11.18
1201 12X8	1100 12x8	12" x 8"	13.18
1201 14X8	1100 14x8	14" x 8"	13.20
1201 16X8	1100 16x8	16" x 8"	16.66
1201 18X8	1100 18x8	18" x 8"	17.44
1201 20X8	1100 20x8	20" x 8"	19.56
1201 22X8	1100 22x8	22" x 8"	24.50
1201 24X8	1100 24x8	24" x 8"	23.00
1201 26X8	1100 26X8	26" x 8"	28.52
1201 28X8	1100 28x8	28" x 8"	37.48
1201 30X8	1100 30X8	30" x 8"	39.46
1201 20X10	1100 20x10	20" x 10"	25.92
1201 24X10	1100 24x10	24" x 10"	34.58
1201 25X10	1100 25x10	25" x 10"	33.18

Taper to One Side Reducer

MF Part #	SW Part #	Size	Price
1204 12X8	1102 12X8	12" x 8" - 8" x 8"	44.98
1204 14X8	1102 14X8	14" x 8" - 10" x 8"	48.78
1204 16X8	1102 16X8	16" x 8" - 12" x 8"	50.70
1204 18X8	1102 18X8	18" x 8" - 14" x 8"	56.58
1204 20X8	1102 20X8	20" x 8" - 16" x 8"	60.38
1204 22X8	1102 22X8	22" x 8" - 18" x 8"	64.98
1204 24X8	1102 24X8	24" x 8" - 20" x 8"	70.18
1204 26X8	1102 26X8	26" x 8" - 22" x 8"	71.18
1204 28X8	1102 28X8	28" x 8" - 24" x 8"	75.38
1204 30X8	1102 30X8	30" x 8" - 26" x 8"	79.98

Duct to Plenum Take Off

- Center 2" Rise

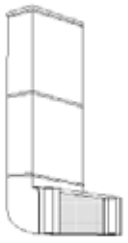


MF Part #	SW Part #	Size	Price
1220C 10X8	1109 10X8	10" x 8"	45.14
1220C 12X8	1109 12X8	12" x 8"	46.92
1220C 14X8	1109 14X8	14" x 8"	48.40
1220C 16X8	1109 16X8	16" x 8"	54.52
1220C 18X8	1109 18X8	18" x 8"	56.24
1220C 20X8	1109 20X8	20" x 8"	55.38
1220C 22X8	1109 22X8	22" x 8"	63.86
1220C 24X8	1109 24X8	24" x 8"	68.20
1220C 26X8	1109 26X8	26" x 8"	86.90
1220C 28X8	1109 28X8	28" x 8"	94.52
1220C 30X8	1109 30X8	30" x 8"	96.68

Galvanized Return Air Drops & K.D. Plenums

Cold Air Drop

Complete Package



MF Part #	SW Part #	Size	Price
1221		20" x 10" - 20" x 16"	194.26
1222		25" x 10" - 25" x 16"	235.18
1223		20" x 10" - 20" x 14"	194.26
1224		25" x 10" - 25" x 14"	235.18

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Adjustable Plenum Sides

MF Part #	SW Part #	Size	Price
1195 14	1073 14X36	14" x 36"	16.78
1195 16	1073 16X36	16" x 36"	19.26
1195 18	1073 18X36	18" x 36"	22.24
1195 20	1073 20X36	20" x 36"	22.78
1195 22	1073 22X36	22" x 36"	31.00
1195 24	1073 24X36	24" x 36"	24.62
1195 26	1073 26X36	26" x 36"	24.62
1195 28	1073 28X36	28" x 36"	27.02
1195 30	1073 30X36	30" x 36"	36.56
1195T 14X48	1073 14X48	14" x 48"	26.08
1195T 16X48	1073 16X48	16" x 48"	32.90
1195T 18X48	1073 18X48	18" x 48"	39.98
1195T 20X48	1073 20X48	20" x 48"	33.98
1195T 22X48	1073 22X48	22" x 48"	33.42
1195T 24X48		24" x 48"	49.64
1195T 26X48	1073 26X48	26" x 48"	37.64
1195T 28X48	1073 28X48	28" x 48"	56.98
1195T 30X48	1073 30X48	30" x 48"	61.22

Plenum Tops

MF Part #	SW Part #	Size	Price
PLENUM 12	PLENUM 12	Top 12" Flat	8.34
PLENUM 14	PLENUM 14	Top 14" Flat	9.82
PLENUM 16	PLENUM 16	Top 16" Flat	11.44
PLENUM 18	PLENUM 18	Top 18" Flat	13.38
PLENUM 20	PLENUM 20	Top 20" Flat	15.54
PLENUM 22	PLENUM 22	Top 22" Flat	17.82
PLENUM 24	PLENUM 24	Top 24" Flat	20.42
PLENUM 26	PLENUM 26	Top 26" Flat	23.30
PLENUM 28	PLENUM 28	Top 28" Flat	26.18
PLENUM 30	PLENUM 30	Top 30" Flat	29.50

Wall Stack & Fittings

Stack End Boot



MF Part #	SW Part #	Size	Price
1119 3X10X5	1019 3X10X5	3-1/4" x 10" x 5"	11.46

Wall Stack & Fittings (Continued)

Stack End Boot

MF Part #	SW Part #	Size	Price
1119 3X10X6	1019 3X10X6	3-1/4" x 10" x 6"	14.38
1119 3X10X7	1019 3X10X7	3-1/4" x 10" x 7"	14.34
1119 3X12X5	1019 3X12X5	3-1/4" x 12" x 5"	12.88
1119 3X12X6	1019 3X12X6	3-1/4" x 12" x 6"	16.10
1119 3X12X7	1019 3X12X7	3-1/4" x 12" x 7"	16.26
1119 3X12X8	1019 3X12X8	3-1/4" x 12" x 8"	16.18
1119 3X14X6	1019 3X14X6	3-1/4" x 14" x 6"	21.86
1119 3X14X7	1019 3X14X7	3-1/4" x 14" x 7"	24.18
1119 3X14X8	1019 3X14X8	3-1/4" x 14" x 8"	24.18

90° Stack Elbow Boot

MF Part #	SW Part #	Size	Price
1120 3X10X5	1020 3X10X5	3-1/4" x 10" x 5"	14.38
1120 3X10X6	1020 3X10X6	3-1/4" x 10" x 6"	14.38
1120 3X10X7	1020 3X10X7	3-1/4" x 10" x 7"	14.42
1120 3X10X8	1020 3X10X8	3-1/4" x 10" x 8"	29.56
1120 3X12X6	1020 3X12X6	3-1/4" x 12" x 6"	16.10
1120 3X12X7	1020 3X12X7	3-1/4" x 12" x 7"	16.88
1120 3X12X8	1020 3X12X8	3-1/4" x 12" x 8"	16.26
1120 3X14X6	1020 3X14X6	3-1/4" x 14" x 6"	24.18
1120 3X14X7	1020 3X14X7	3-1/4" x 14" x 7"	24.18
1120 3X14X8	1020 3X14X8	3-1/4" x 14" x 8"	24.18

Straight Stack Boot



MF Part #	SW Part #	Size	Price
1124 3X10X5	1024 3X10X5	3-1/4" x 10" x 5"	14.90
1124 3X10X6	1024 3X10X6	3-1/4" x 10" x 6"	14.38
1124 3X10X7	1024 3X10X7	3-1/4" x 10" x 7"	14.50
1124 3X10X8	1024 3X10X8	3-1/4" x 10" x 8"	24.18
1124 3X12X5	1024 3X12X5	3-1/4" x 12" x 5"	12.86
1124 3X12X6	1024 3X12X6	3-1/4" x 12" x 6"	16.10
1124 3X12X7	1024 3X12X7	3-1/4" x 12" x 7"	16.26
1124 3X12X8	1024 3X12X8	3-1/4" x 12" x 8"	16.26
1124 3X14X6	1024 3X14X6	3-1/4" x 14" x 6"	24.18
1124 3X14X7	1024 3X14X7	3-1/4" x 14" x 7"	24.18
1124 3X14X8	1024 3X14X8	3-1/4" x 14" x 8"	24.18

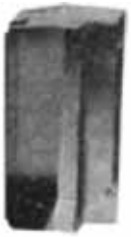
Master-fit / Southwark Sheet Metal Ducting

Wall Stack



MF Part #	SW Part #	Size	Price
1135 2X10X24	924 2X10	2-1/4" x 10" x 24"	19.58
1135 2X12X24	924 2X12	2-1/4" x 12" x 24"	19.54
1135 2X14X24	924 2X14	2-1/4" x 14" x 24"	24.08
1135 3X10X24	924 3X10	3-1/4" x 10" x 24"	17.46
1135 3X12X24	924 3X12	3-1/4" x 12" x 24"	19.80
1135 3X14X24	924 3X14	3-1/4" x 14" x 24"	22.12
1135 3X10X60	960 3X10	3-1/4" x 10" x 60"	41.92
1135 3X12X60	960 3X12	3-1/4" x 12" x 60"	43.70
1135 3X14X60	960 3X14	3-1/4" x 14" x 60"	46.64
1135 3X10X8'	71683200	3-1/4" x 10" x 100"	66.74
1135 3X12X8'	71684000	3-1/4" x 12" x 100"	52.98
1135 3X14X8'	71684800	3-1/4" x 14" x 100"	83.14

Vertical Stack Elbow



MF Part #	SW Part #	Size	Price
1140 2X10	1040 2X10	2-1/4" x 10"	19.96
1140 2X12	1040 2X12	2-1/4" x 12"	22.44
1140 2X14	1040 2X14	2-1/4" x 14"	20.88
1140 3X10	1040 3X10	3-1/4" x 10"	20.34
1140 3X12	1040 3X12	3-1/4" x 12"	22.66
1140 3X14	1040 3X14	3-1/4" x 14"	22.96

Vertical Stack Angle

MF Part #	SW Part #	Size	Price
1141 2X10	1041 2X10	2-1/4" x 10"	13.30
1141 2X12	1041 2X12	2-1/4" x 12"	16.08
1141 2X14	1041 2X14	2-1/4" x 14"	19.86
1141 3X10	1041 3X10	3-1/4" x 10"	14.52
1141 3X12	1041 3X12	3-1/4" x 12"	16.08
1141 3X14	1041 3X14	3-1/4" x 14"	16.18

Horizontal Stack Angle

MF Part #	SW Part #	Size	Price
1145 2X10	1045 2X10	2-1/4" x 10"	22.00
1145 2X12	1045 2X12	2-1/4" x 12"	28.20
1145 2X14	1045 2X14	2-1/4" x 14"	26.78
1145 3X10	1045 3X10	3-1/4" x 10"	22.08
1145 3X12	1045 3X12	3-1/4" x 12"	27.90
1145 3X14	1045 3X14	3-1/4" x 14"	24.18

Horizontal Stack Elbow

MF Part #	SW Part #	Size	Price
1146 2X10	1046 2X10	2-1/4" x 10"	24.46
1146 2X12	1046 2X12	2-1/4" x 12"	26.76
1146 2X14	1046 2X14	2-1/4" x 14"	35.12
1146 3X10	1046 3X10	3-1/4" x 10"	24.76
1146 3X12	1046 3X12	3-1/4" x 12"	27.04
1146 3X14	1046 3X14	3-1/4" x 14"	38.60

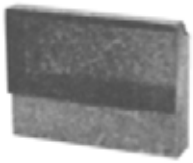
Stack Starter

MF Part #	SW Part #	Size	Price
1101 2X12	1100 2X12	2-1/4" x 12	16.08
1101 2X14	1100 2X14	2-1/4" x 14	14.94
1101 3X10	1100 3X10	3-1/4" x 10"	11.56
1101 3X12	1100 3X12	3-1/4" x 12"	13.34
1101 3X14	1100 3X14	3-1/4" x 14"	14.36

Stack Cap

MF Part #	SW Part #	Size	Price
1110 2X10	1110 2X10	2-1/4" x 10	7.70
1110 2X12	1110 2X12	2-1/4" x 12	9.24
1110 3X10	1110 3X10	3-1/4" x 10"	7.76
1110 3X12	1110 3X12	3-1/4" x 12"	8.68
1110 3X14	1110 3X14	3-1/4" x 14"	10.12

Stack Head



MF Part #	SW Part #	Size	Price
1131 3X10X4	1031 3X10X4	3-1/4" x 10" 10" x 4"	18.68
1131 3X10X6	1031 3X10X6	3-1/4" x 10" 10" x 6"	20.72
1131 3X12X4	1031 3X12X4	3-1/4" x 12" 12" x 4"	22.16
1131 3X12X6	1031 3X12X6	3-1/4" x 12" 12" x 6"	18.90

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Wall Stack & Fittings (Continued)

Stack Head

MF Part #	SW Part #	Size	Price
1131 3X14X6	1031 3X14X6	3-1/4" x 14" 14" x 6"	19.44

Long Turn Stack Head

MF Part #	SW Part #	Size	Price
1131LT3X10X6	1031LT 3X10X6	3-1/4" x 10" 10" x 6"	25.94
1131LT3X12X6	1031LT 3X12X6	3-1/4" x 12" 12" x 6"	25.90
1131LT3X14X6	1031LT 3X14X6	3-1/4" x 14" 14" x 6"	32.54

Through Wall Or Floor Register Stack Head

MF Part #	SW Part #	Size	Price
1134 3X10X4	1034 3X10X4	3-1/4" x 10" 10" x 4"	18.82
1134 3X10X6	1034 3X10X6	3-1/4" x 10" 10" x 6"	20.72
1134 3X12X4	1034 3X12X4	3-1/4" x 12" 12" x 4"	22.14
1134 3X12X6	1034 3X12X6	3-1/4" x 12" 12" x 6"	22.14
1134 3X14X6	1034 3X14X6	3-1/4" x 14" 14" x 6"	25.06

Register Frame

MF Part #	SW Part #	Size	Price
5 10X6	1111 10X6	10" x 6"	7.56
5 12X6	1111 12X6	12" x 6"	7.56
5 14X6	1111 14X6	14" x 6"	7.02
5 14X8	1111 14X8	14" x 8"	7.56
5 24X6	1111 24X6	24" x 6"	7.56
5 24X8	1111 24X8	24" x 8"	7.20
5 30X6	1111 30X6	30" x 6"	7.02
5 30X8	1111 30X8	30" x 8"	7.56

Ceiling Frame

MF Part #	SW Part #	Size	Price
#10 4X10	31PF4X10 16"	4" x 10" - 18	6.60
#10 4X12	31PF 4X12 16"	4" x 12" - 18	6.60
#10 6X10	31PF 6X10 16"	6" x 10" - 18	6.18
#10 6X12	31PF 6X12 16"	6" x 12" - 18	6.60
#10 4X10 26	31PF 4X10 24"	4" x 10" - 26	6.80
#10 4X12 26	31PF 4X12 24"	4" x 12" - 26	6.10
#10 6X10 26	31PF 6X10 24"	6" x 10" - 26	6.10
#10 6X12 26	31PF 6X12 24"	6" x 12" - 26	6.60
#10 6X14 26	31PF 6X14 24"	6" x 14" - 26	6.82

Galvanized Accessories

Plenum Corner

MF Part #	SW Part #	Size	Price
1205	1112 60	60"	18.62

Rigid "S" Strip

MF Part #	SW Part #	Size		Price
1206	110R 60	60"	26 Ga	10.14
1206 10	1104R 120	120"	24 Ga	28.78

"S" Cleat



MF Part #	SW Part #	Size	Price
1207	1104 60	60"	4.10

Drive Cleat

- w/ Hanger



MF Part #	SW Part #	Size	Price
1208	1105 60	60"	4.04

Drive Cleat

- 8" or 10"



MF Part #	SW Part #	Size	Price
1209	1113	8"	0.88
1209 10	1114	10"	1.10

Plaster Round

MF Part #	SW Part #	Size	Price
1138	1106 60	60"	10.60

Duct Reducer

MF Part #	SW Part #	Size	Price
1230 2	1101 2	2"	14.38
1230 4	1101 4	4"	15.80
1230 6	1101 6	6"	16.10
1230 8	1101 8	8"	18.54

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Duct Reducer With Flap



MF Part #	SW Part #	Size	Price
1230A 2	1101A 2	2"	13.62
1230A 4	1101A 4	4"	19.78
1230A 6	1101A 6	6"	23.88
1230A 8	1101A 8	8"	27.08

Panning



MF Part #	SW Part #	Size	Price
1234 17X36	1054	17" x 36"	8.50
1234 32X36	1055	32" x 36"	17.98

End Cap



MF Part #	SW Part #	Size	Price
1210 8X8	1110 8X8	8" x 8"	6.86
1210 10X8	1110 10X8	10" x 8"	6.64
1210 12X8	1110 12X8	12" x 8"	6.84
1210 14X8	1110 14X8	14" x 8"	7.70
1210 16X8	1110 16X8	16" x 8"	8.32
1210 18X8	1110 18X8	18" x 8"	8.60
1210 20X8	1110 20X8	20" x 8"	8.58
1210 22X8	1110 22X8	22" x 8"	11.48
1210 24X8	1110 24X8	24" x 8"	11.46
1210 26X8	1110 26X8	26" x 8"	14.32
1210 28X8	1110 28X8	28" x 8"	15.80
1210 30X8	1110 30X8	30" x 8"	18.98
1210 20X10	1110 20X10	20" x 10"	11.48
1210 24X10	1110 24X10	24" x 10"	14.48
1210 25X10	1110 25X10	25" x 10"	17.46

Vertical Elbow



MF Part #	SW Part #	Size	Price
1240 8X8	1140R 8X8	8" x 8"	33.50
1240 10X8	1140R 10X8	10" x 8"	35.70
1240 12X8	1140R 12X8	12" x 8"	32.92
1240 14X8	1140R 14X8	14" x 8"	35.54
1240 16X8	1140R 16X8	16" x 8"	37.88
1240 18X8	1140R 18X8	18" x 8"	43.70
1240 20X8	1140R 20X8	20" x 8"	43.68
1240 22X8	1140R 22X8	22" x 8"	53.62
1240 24X8	1140R 24X8	24" x 8"	57.36
1240 26X8	1140R 26X8	26" x 8"	61.70
1240 28X8	1140R 28X8	28" x 8"	69.16
1240 30X8	1140R 30X8	30" x 8"	71.50
1240 20X10	1140R 20X10	20" x 10"	60.54
1240 24X10	1140R 24X10	24" x 10"	82.82
1240 25X10	1140R 25X10	25" x 10"	100.18

Vertical Angle



MF Part #	SW Part #	Size	Price
1241 8X8	1141R 8X8	8" x 8"	26.48
1241 10X8	1141R 10X8	10" x 8"	27.36
1241 12X8	1141R 12X8	12" x 8"	26.22
1241 14X8	1141R 14X8	14" x 8"	30.52
1241 16X8	1141R 16X8	16" x 8"	34.26
1241 16X8	1141R 16X8	16" x 8"	34.26
1241 20X8	1141R 20X8	20" x 8"	37.46
1241 22X8	1141R 22X8	22" x 8"	42.38
1241 24X8	1141R 24X8	24" x 8"	45.54
1241 26X8	1141R 26X8	26" x 8"	57.96
1241 28X8	1141R 28X8	28" x 8"	60.28
1241 30X8	1141R 30X8	30" x 8"	62.54
1241 20X10	1141R 20X10	20" x 10"	45.82
1241 24X10	1141R 24X10	24" x 10"	60.26
1241 25X10	1141R 25X10	25" x 10"	57.98

Master-fit / Southwark Sheet Metal Ducting

Horizontal Angle



MF Part #	SW Part #	Size	Price
1245 8X8	1145R 8X8	8" x 8"	31.68
1245 10X8	1145R 10X8	10" x 8"	31.40
1245 12X8	1145R 12X8	12" x 8"	29.96
1245 14X8	1145R 14X8	14" x 8"	32.04
1245 16X8	1145R 16X8	16" x 8"	29.98
1245 18X8	1145R 18X8	18" x 8"	44.10
1245 20X8	1145R 20X8	20" x 8"	40.80
1245 22X8	1145R 22X8	22" x 8"	56.80
1245 24X8	1145R 24X8	24" x 8"	56.50
1245 26X8	1145R 26X8	26" x 8"	58.22
1245 28X8	1145R 28X8	28" x 8"	68.06
1245 30X8	1145R 30X8	30" x 8"	72.10
1245 20X10	1145R 20X10	20" x 10"	67.44
1245 24X10	1145R 24X10	24" x 10"	74.70
1245 25X10	1145R 25X10	25" x 10"	62.28

Horizontal Elbow



MF Part #	SW Part #	Size	Price
1246 8X8	1146R 8X8	8" x 8"	34.54
1246 10X8	1146R 10X8	10" x 8"	38.34
1246 12X8	1146R 12X8	12" x 8"	40.20
1246 14X8	1146R 14X8	14" x 8"	43.18
1246 16X8	1146R 16X8	16" x 8"	39.90
1246 18X8	1146R 18X8	18" x 8"	49.52
1246 20X8	1146R 20X8	20" x 8"	51.88
1246 22X8	1146R 22X8	22" x 8"	59.98
1246 24X8	1146R 24X8	24" x 8"	69.18
1246 26X8	1146R 26X8	26" x 8"	81.32
1246 28X8	1146R 28X8	28" x 8"	95.10
1246 30X8	1146R 30X8	30" x 8"	99.80
1246 20X10	1146R 20X10	20" x 10"	87.42
1246 24X10	1146R 24X10	24" x 10"	122.04
1246 25X10	1146R 25X10	25" x 10"	105.90

Galvanized Perimeter Accessories

Register Box, No Collar, 10" Deep

MF Part #	SW Part #	Size	Price
1144 4X10	1069 4X10	4" x 10"	26.22
1144 6X10	1069 6X10	6" x 10"	26.22
1144 8X10	1069 8X10	8" x 10"	32.04
1144 4X12	1069 4X12	4" x 12"	28.78
1144 6X12	1069 6X12	6" x 12"	28.20
1144 8X12	1069 8X12	8" x 12"	31.18
1144 9X12	1069 9X12	9" x 12"	33.82
1144 10X12	1069 10X12	10" x 12"	34.94
1144 12X12	1069 12X12	12" x 12"	36.40
1144 4X14	1069 4X14	4" x 14"	28.78
1144 6X14	1069 6X14	6" x 14"	29.12
1144 8X14	1069 8X14	8" x 14"	31.12
1144 10X10	1069 10X10	10" x 10"	34.58
1144 10X14	1069 10X14	10" x 14"	36.00
1144 12X14	1069 12X14	12" x 14"	37.86
1144 14X16	1069 14X16	14" x 16"	41.94

Galvanized Basement Diffuser

MF Part #	SW Part #	Size	Price
1265 4X10X6	PH5 4X10X6	4" x 10" x 6"	29.46
1265 6X10X6	PH5 6X10X6	6" x 10" x 6"	21.18
1265 6X12X6	PH5 6X12X6	6" x 12" x 6"	34.26

Master-fit / Southwark Sheet Metal Ducting

Roof Top Accessories

Storm Collar



MF Part #	SW Part #	Size	Price
1115 3	1057 3	3"	13.24
1115 4	1057 4	4"	20.36
1115 5	1057 5	5"	16.76
1115 6	1057 6	6"	22.66
1115 7	1057 7	7"	25.06
1115 8	1057 8	8"	25.02
1115 9	1057 9	9"	18.72
1115 10	1057 10	10"	30.28

Rain Cap Vent

MF Part #	SW Part #	Size	Price
1273 3	71120200	3"	28.70
1273 4	71120600	4"	37.26
1273 5	71121000	5"	31.34
1273 6	1070A 6	6"	43.22
1273 7	1070A 7	7"	41.94
1273 8	1070A 8	8"	54.78
1273 10	1070A 10	10"	69.40
1273 12	71123400	12"	79.92

Aluminum Reducers

MF Part #	SW Part #	Size	Price
ALUM RED 5X3	ALUM RED 5X3	5" x 3"	12.12
ALUM RED 6X4	ALUM RED 6X4	6" x 4"	9.92

Aluminum Vent Hood

MF Part #	SW Part #	Size	Price
1606 6		6"	46.74
1606 8		8"	58.38

Galvanized Oval Pipe & Fittings

Button Lock Pipe



MF Part #	SW Part #	Size	Price
160 PIPE	160 PIPE	6" x 60"	23.78
100 PIPE 6	100 PIPE 6	6" x 100"	28.80
160 PIPE 7	160 PIPE 7	7" x 60"	30.16
100 PIPE 7	100 PIPE 7	7" x 100"	33.14

Flat 90° Elbow

- 4-Piece



MF Part #	SW Part #	Size	Price
114 6	114 6	6"	12.34
114 7	114 7	7"	18.60

Flat 45° Angle

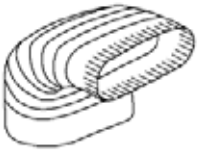
- 3-Piece



MF Part #	SW Part #	Size	Price
113 6	113 6	6"	7.66
113 7	113 7	7"	12.86

Vertical 90° Elbow

- One-Piece



MF Part #	SW Part #	Size	Price
116 6	116 6	6"	6.92
116 7	116 7	7"	10.54

Vertical 45° Angle

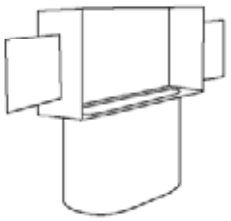
- One-Piece



MF Part #	SW Part #	Size	Price
115 6	115 6	6"	6.86
115 7	115 7	7"	9.68

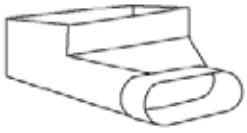
Master-fit / Southwark Sheet Metal Ducting

Thin Wall Oval Stackhead



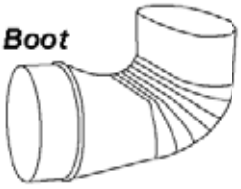
MF Part #	SW Part #	Size	Price
110 10X6X6	110 10X6X6	10" x 6" - 6"	9.64
110 12X6X6	110 12X6X6	12" x 6" - 6"	11.90
110 12X6X7	110 12X6X7	12" x 6" - 7"	13.10

90° Oval Register Box



MF Part #	SW Part #	Size	Price
124R 4X10X6	124R 4X10X6	4" x 10" - 6"	20.28

90° Round To Oval Boot



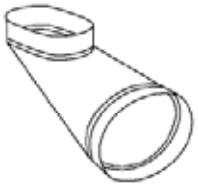
MF Part #	SW Part #	Size	Price
124 6	124 6	6" No Crimp	15.10
124 7	124 7	7" No Crimp	14.10

Round To Oval Straight Boot



MF Part #	SW Part #	Size	Price
127 6	127 6	6" No Crimp	12.86
127 7	127 7	7" No Crimp	14.10

Round To Oval End Boot



MF Part #	SW Part #	Size	Price
106 6	106 6	6" No Crimp	25.40
106 7	106 7	7" No Crimp	38.92

Oval End Boot

MF Part #	SW Part #	Size	Price
128R 4X10X6	128R 4X10X6	4" x 10" - 6" No Crimp	25.92

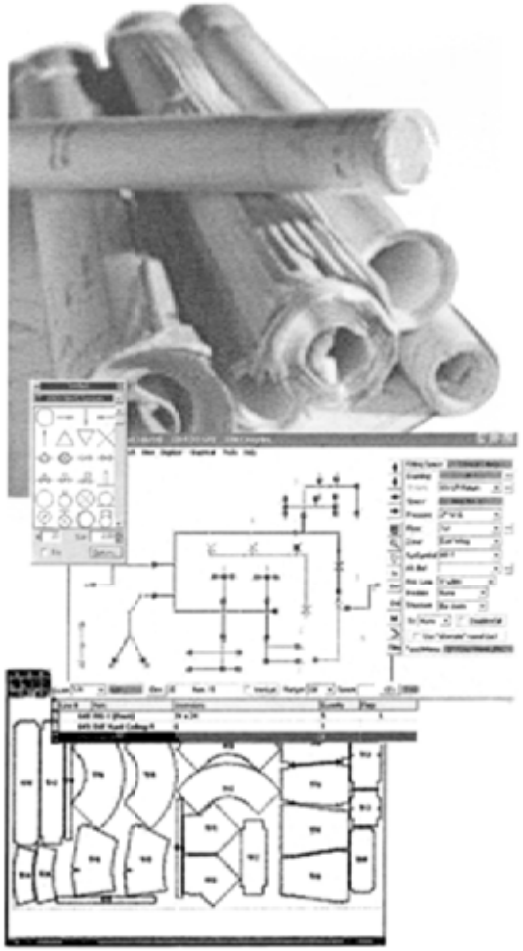
Cincinnati / Piketon / Winfield
With decades of experience, Tony tackles many of the large commercial jobs, and oversees an estimating department for blueprint take-offs. His high-speed coil line pumps out one piece of 8" x 8" rectangular duct every 8 seconds, and can produce up to 99" x 99".

If you get to the job site and notice that the building isn't the same as your blueprint, Tony's team will quickly help you make the changes you need....so you can complete your job on time.

Louisville / Lexington
Chris' team has been known to rescue many customers from a tight spot. Perhaps his customers can say it best "...Compared to the other place I used to go, Chris' team, along with the plasma cutter, can pump out 2X the metal." "Chris' team makes it right the first time and has good quality!"

Dayton / Columbus
Paul's crew has decades of experience and specializes in understanding your unique needs. Known for their ability to quickly fill rush orders, Paul's team pumped out thousands and thousands of orders last year. One of his many satisfied customers said, "Paul can envision what I'm saying, and I would never be able to draw what I need." "I used a different sheet metal shop, but 2Js is much better because of their customer service."

State-of-the-Art Estimating and Blueprint Take-Offs



- **Fast paced custom** sheet metal fabrication
- Parts ship in **days**, quotes in **hours**, and plasma cutting in-house.
- 48 hour **express shipping** available.

2J Supply Co.Inc.
SHEET METAL FABRICATION

- **1 Call**
- **1 Point of Contact**
- **NO Waiting!**

We work in partnership with our customers to provide:

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- **Rapid Turn-around**
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Fill out order sheet...Then fax, e-mail, or drop it off

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Fax: (937) 223-6933
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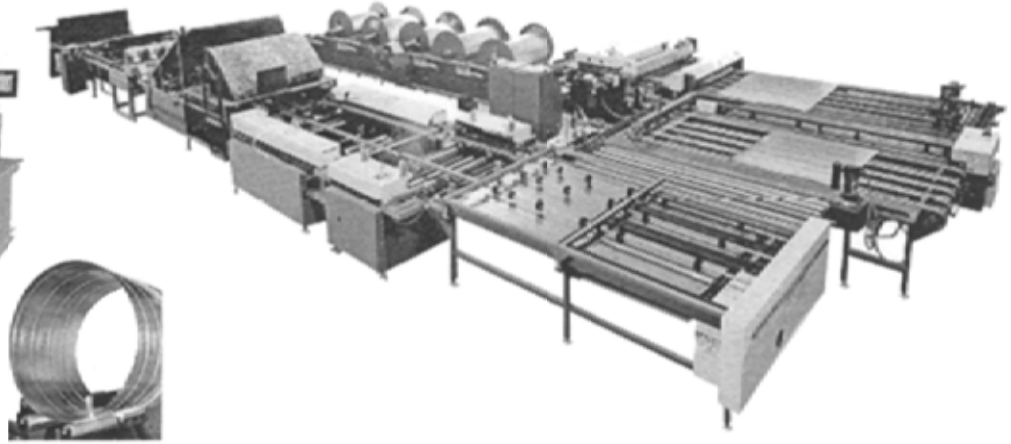
Cincinnati
14 Sunnybrook
Reading, OH
(513) 541-7000
Fax: (513) 541-4715
tonyw@2-jsupply.com

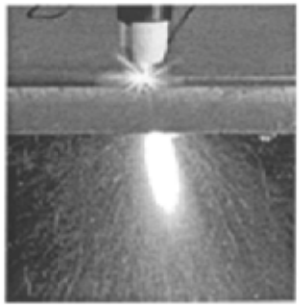
Louisville
4021 Bishop Lane
Louisville, KY 40218
(502) 969-8400
Fax: (502) 969-8414
chrisc@2-jsupply.com

Capabilities: Our 40,000 square-foot fabrication facilities carry a large inventory of Galvanized, Galvanneal (Paint-Grip), Aluminum, Stainless Steel and Black Iron ductwork for both residential and commercial applications. With nearly *100 specialized machines*, 2Js skilled trade professionals are able to handle any size job. Equipment & capabilities include:

- Express Delivery
- Blue Print Take-Offs
- Estimating
- Plasma cutting tables
- Coil Line (5' rectangular duct)
- Spiral machine (6"-50")
- Pin & spot welding
- Air shears
- Hydraulic brakes
- High-speed Pittsburghs
- TDF machines
- Roll formers
- Tri-plex
- Nailers
- Benders
- Drill Presses
- Benders







2-J Shop's Spiral Pipe & Fittings

Spiral Pipe

26 Gauge

Part #	Size	Price
SP 4X10 26	4" x 10"	39.56
SP 5X10 26	5" x 10"	32.56
SP 6X10 26	6" x 10"	57.40
SP 7X10 26	7" x 10"	44.16
SP 8X10 26	8" x 10"	75.22
SP 9X10 26	9" x 10"	55.70
SP 10X10 26	10" x 10"	93.02
SP 12X10 26	12" x 10"	97.98
SP 14X10 26	14" x 10"	132.24

24 Gauge

Part #	Size	Price
SP 16X10 24	16" x 10"	166.34
SP 18X10 24	18" x 10"	194.18
SP 20X10 24	20" x 10"	214.50
SP 22X10 24	22" x 10"	169.82
SP 24X10 24	24" x 10"	187.58

Shoe Tap Pipe

Part #	Size	Price
608A SHOETAP	14" Thru 18"	49.48
610A SHOETAP	16" Thru 20"	49.48
612A SHOETAP	18" Thru 22"	57.44

Spiral Couplings

Part #	Size	Price
651 4 COUP	4"	11.70
651 5 COUP	5"	12.14
651 6 COUP	6"	12.98
651 7 COUP	7"	13.04
651 8 COUP	8"	13.76
651 9 COUP	9"	13.94
651 10 COUP	10"	14.38
651 12 COUP	12"	15.28
651 14 COUP	14"	16.18
651 16 COUP	16"	17.08
651 18 COUP	18"	26.80
651 20 COUP	20"	27.60
651 22 COUP	22"	28.18
651 24 COUP	24"	29.08

Spiral Elbows

Part #	Size	Price
652 5 ELL	5"	26.68
652 6 ELL	6"	28.50
652 7 ELL	7"	39.64
652 8 ELL	8"	44.54
652 10 ELL	10"	64.78
652 12 ELL	12"	81.56
652 14 ELL	14"	119.66
652 16 ELL	16"	150.86
652 18 ELL	18"	190.20
652 20 ELL	20"	209.08

Spiral Angles

Part #	Size	Price
653 5 ANG	5"	22.02
653 6 ANG	6"	24.24
653 7 ANG	7"	37.08
653 8 ANG	8"	29.78
653 9 ANG	9"	36.86
653 12 ANG	12"	51.20
653 16 ANG	16"	106.98
653 18 ANG	18"	117.66
653 20 ANG	20"	127.52
653 22 ANG	22"	142.20
653 24 ANG	24"	Spec Ord

Straight Tee

Part #	Size	Price
600 10X8X8	10" x 8" x 8"	90.90

Die Stamped Angles

Part #	Size	Price
845 10 ANG	10" Fixed	40.92
845 12 ANG	12" Fixed	51.20

Die Stamped Elbows

Part #	Size	Price
890 12 ELL	12" Fixed	81.54

Spiral Reducers

Part #	Size	Price
670 8X6 RED	8" x 6"	54.80
670 10X6 RED	10" x 6"	57.62
670 10X8 RED	10" x 8"	58.62
670 12X10RED	12" x 10"	62.24
670 12X8 RED	12" x 8"	62.12
670 14X10RED	14" x 10"	69.94
670 14X12RED	14" x 12"	69.70
670 16X12RED	16" x 12"	71.26
670 16X14RED	16" x 14"	73.30
670 18X14RED	18" x 14"	88.14
670 18X16RED	18" x 16"	90.74
670 20X14RED	20" x 14"	98.92
670 20X16RED	20" x 16"	92.06
670 20X18RED	20" x 18"	108.00
670 22X20RED	22" x 20"	107.58
670 24X18RED	24" x 18"	117.90
670 24X22RED	24" x 22"	111.36

Spiral Caps

Part #	Size	Price
675 5 CAP	5"	37.24
675 6 CAP	6"	38.30
675 8 CAP	8"	42.26
675 9 CAP	9"	41.30
675 10 CAP	10"	44.62
675 12 CAP	12"	44.80
675 14 CAP	14"	49.14
675 16 CAP	16"	49.72
675 18 CAP	18"	54.42
675 20 CAP	20"	59.64

Spirotube Paint

Part #	Size	Price
7970		42.76

All Items Not Stocked in All Branches - Call for Availability

Sheet Metal

Flat Sheet Metal Sheets

Part #	Gauge	Size		Price
3X8 28	28	36" x 96"		22.48
4X10 26	26	48" x 120"		43.86
4X8 26	26	48" x 96"		32.14
3X8 26	26	36" x 96"		25.94
4X8 24	24	48" x 96"		42.48
3X8 24	24	36" x 96"		31.72
4X10 24	24	48" x 120"		52.96
4X10 24 PG	24	48" x 120"	Paint Grip	47.50
4X10 24 SS	24	48" x 120"	SS	244.26
4X8 22	22	48" x 96"		46.78
4X10 22	22	48" x 120"		83.00
4X10 22 PG	22	48" x 120"	Paint Grip	67.80
4X8 20	20	48" x 96"		67.58
4X10 20	20	48" x 120"		99.86
4X10 16	16	48" x 120"		114.40

Cold Rolled Sheet Metal Sheets

Part #	Gauge	Size		Price
5X10 24	24	60" x 120"	G90	Spec Ord
5X10 22	22	60" x 120"	G90	Spec Ord
5X10 18	18	60" x 120"	G90	Spec Ord
5X10 16	16	60" x 120"	G90	Spec Ord
5X10 16 CR	16	60" x 120"		Spec Ord
5X10 14GA CR	14	60" x 120"	Galv	Spec Ord

Spray Adhesives

Part #	Description	Price
133L	5 gal Adhesive Spray Glue	175.00

Air Tite Elbows from Better Inc.



Part #	Description	Price
POAE690GA26	6"	9.66
POAE890GA26	8"	Spec Ord

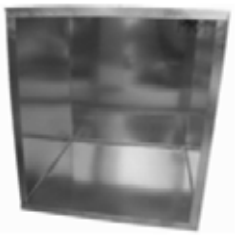
Nordyne Plenum Tops

Part #	Description	Price
WTOPC 12X12	Top A 12-7/8" x 12-3/4"	19.00
WTOPC 12X19	Top A 12-7/8" x 19-3/4"	19.52
WTOPF 12X19	Top A 12-3/4" x 19-3/4"	19.52
WTOPF 18X19	Top B 18-1/4" x 19-3/4"	18.92
WTOPC 18X19	Top B 18-3/8" x 19-3/4"	23.48
WTOPCF 21X19	Top C Coil & Furnace 21" x19"	23.54

Nordyne Plenum Sides

Part #	Description	Price
WSIDEAHF 12 7/8	Side A	18.38
WSIDEC 12-7/8M	Side A Male 12-7/8" x 36"	18.38
WSIDEF 12-3/4M	Side A Male 12-3/4" x 36"	18.38
WSIDEF 18-1/4M	Side B Male 18-1/4" x 36"	22.88
WSIDEC 18-3/8M	Side B Male 18-3/8" x 36"	22.88
WSIDECF 19-3/4F	Side 36 Female Coil & Furn	21.32
WSIDECF 21 1/8M	Side C Male Coil & Furnace	25.22
WSIDEF 21M	Side C Male 21" x 36"	24.24

Air Handler Boxes - 20" High



Part #	Description	Price
BOX 14	14" x 22"	146.14
BOX 16	16" x 22"	152.06
BOX 18	18" x 22"	155.14
BOX 19	19.75" x 22"	163.88
BOX 20	20" x 26"	184.32
BOX 21.5	21.5" x 22"	179.26
BOX 22	22" x 24"	179.86
BOX 22X26	22" x 26"	173.32
BOX 23	23" x 22"	168.62

Sheet Metal

Counterflow Case



Part #	Width x Length x Height		Price
CASE 14	14" x 28" x 16"	AC-24	144.10
CASE 14T	14-1/2" x 28" x 21"		158.76
CASE 14T 24H	14-1/2" x 28" x 24"		185.44
CASE 16	16" x 28" x 19"	AC-26	165.92
CASE 16T	16" x 28" x 24"		183.58
CASE 17	17" x 28" x 19"		160.00
CASE 17T	17" x 28" x 24"		203.30
CASE 18	18" x 28" x 19"	AC-30	175.12
CASE 18T	18" x 28" x 24"		194.90
CASE 20	20" x 28" x 19"	AC-36	194.24
CASE 20T	20" x 28" x 24"		202.34
CASE 22	22" x 28" x 19"	AC-36	168.50
CASE 22T	22" x 28" x 24"		211.70
CASE 24	24" x 28" x 22"	AC-48	214.20

Return Air Frame

Part #	Description	Price
RAF	1/2" x 2" x 10'	16.24

Angles - 26 Gauge



Part #	Description	Price
ANGLE 1X1	1" x 1" - 10'	9.26
ANGLE 1X2	1" x 2" - 10'	16.24
ANGLE 2X2	2" x 2" - 10'	19.44
ANGLE 3X3	3" x 3" - 10'	21.40

U Channels



Part #	Description	Price
U CHANNEL	1" x 1" x 1" - 10' Long	14.50

Chase to Cover Lineset

Part #	Description	Price
LINE CHASE	10' Long	128.28

Side Filter Racks



Part #	Description	Price
FR 14X20	14" x 20" x 1"	22.96
FR 16X20	16" x 20" x 1"	22.94
FR 16X25	16" x 25" x 1"	22.94
FR 20X20	20" x 20" x 1"	22.96
FR 20X25	20" x 25" x 1"	22.94

Filter Rack Packages

Part #	Description	Price
FR 16X20X5	16" x 20" x 5"	95.84
FR 16X25X5	16" x 25" x 5"	97.96
FR 20X20X5	20" x 20" x 5"	88.38
FR 20X25X5	20" x 25" x 5"	99.20

Filter Racks With Hinged Doors



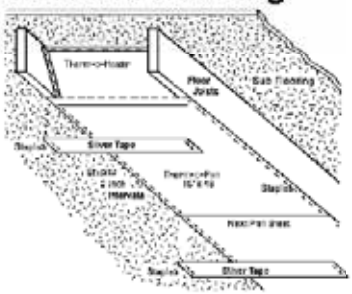
Part #	Description	Price
FR 16X20X4	16" x 20" x 4"	52.86
FR 16X25X4	16" x 25" x 4"	52.86
FR 20X20X4	20" x 20" x 4"	52.86
FR 20X25X4	20" x 25" x 4"	52.86

All Items Not Stocked in All Branches - Call for Availability

Therm-O-Mfg

ThermO-Pan® Return Air Panning

- High quality, lightweight alternative to sheet metal in constructing return air ducts between joists
- Consists of corrugated insulation faced with aluminum
- Significantly reduces duct noises & labor

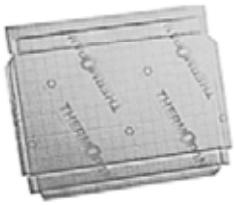


Part #	Size	Price
16048	16" x 47-1/2"	7.20
19048	19-1/2" x 47-1/2"	8.80
32036	32" x 35-1/2"	11.14

ThermO-Headers™

For Tight Sealing Air Blocks

- ThermO-Headers are pre-cut & scored to fit easily between joists
- Specially-sized headers are cut & scored to fit I-joist construction



Part #	Size	Price
16012	16" x 12"	2.34

ThermO-Frames™

Return Air Grille Dry Wall Frames

- Precision molded polypropylene...No product loss on truck or on the job site
- Safety edged...all sides & ends
- Frames can be cut for use as a single frame
- Place grille over frame and screw into precision molded frame holes on finished dry wall

Standard - Unfiltered Air Flow



Part #	Size	Price
14630	30" x 6", or 2 @ 14" x 6"	4.08

Filtered - Allows Clean Air Flow



Part #	Size	Price
14632	30" x 6", or 2 @ 14" x 6"	7.28

Plumber's Strap

World's Best Hanger Strap

- 2" HDPE duct boards hanger supports 100 lb/strap
- Shank locks to 1" roof nail (button) when pulled down
- Shank locks to #8 x 1" sheet metal screw (button) when pulled down



Part #	Description	Price
10200	2" x 100', 1" Adjustable Button Holes	68.00

ThermO-Snap Clamps™

Universal Mounting Brackets

- Pre-mounted brackets for one-man installation
- Eliminates vibrations & noise call backs
- Easy to re-open for an addition or custom adjustment
- UV protected



Part #	Description	Price
41118	Residential 1-1/2" OD, Bag of 10	7.28

ThermO-Bracket™

Supply Run Pipe Hangers

- Adjusts both horizontally & vertically to meet your needs
- Plastic bracket body prevents heat & noise transfer from ducts
- Strong aluminum bodies also available
- No nails, comes ready-to-use



Part #	Size	Price
01600	14-1/4" PVC Body, 25 Pack	1.20

ThermO-Levelers™

- Leveler blocks twist to 3 different heights to level furnaces, electric heaters, air conditioners
- Lightweight - better than bricks
- Water, weather and insect proof



Part #	Size	Price
THERMOBLOCK	1-3/4" x 2" x 2-1/4"	11.50

Flex Duct Accessories

PARAMOUNT CONCEPTS LTD.

Paramount H™ Installation Frames

- Adjustable overhead register installation frame
- Sliding mechanism adjusts from 8" to 14"
- Covers joist spacing from 16" to 24" on center
- 1/2" inside perimeter edge for smooth, accurate drywall cut
- Heat, cold and UV resistant, high impact material



Part #	Description	Price
H-4	4" Paramount H	8.30
H-6	6" Paramount H	8.30

Paramount J™ Flex Duct Hangers

- Pre-hang on joist every 5'
- 3" wide saddle
- 10" span supports 5" - 8" flex duct



Part #	Description	Price
J HOOK	Paramount J	4.70

Crown ENGINEERING CORPORATION

Duct Board Register Boxes

Trunk Line Reducer Box for 1" Duct Board

- Three piece construction; wrapper & 2 ends

Part #	Description	Price
1713 14	Duct Board Box Reducer	Spec Ord

Clip-On Mounting Brackets

- For use with all flanged register boots & boxes

Part #	Size	Price
1252	25" Long, 26 ga	1.12

AMCRAFT INC.

Staple Tool & Staples

Professional Tacker

- Heavy duty, easy squeeze design
- For applying moisture wrap, plastic sheeting, mesh insulation, carpet, carpet padding, upholstery & more



Part #	Mfg #	Description	Price
T-5	7200	Staple Tool	108.50

Staples

Part #	Mfg #	Description		Price
STCR5019 9/16 4M	7202	9/16" Staple	5000/Box	23.66

STANLEY BOSTITCH

Stapling Pliers

- Heavy duty



Part #	Mfg #	Description	Price
P6C-8	P6C-8	Heavy Duty PowerCrown™	139.50

Crown Fine Wire Staples

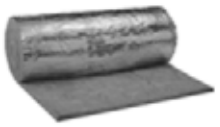
Part #	Mfg #	Description	Price
STH 5019	STH-5019	3/8" For P6C-8	36.42

Duct Wrap & Supplies

OWENS CORNING

Fiberglas® All Service Duct Wrap

- Assured thermal performance
- Condensation control
- Enhanced comfort control
- Meets model energy codes
- Flexible & easy to install



Type 75 Duct Wrap - R-6 Insulation

Part #	Mfg #	Size	Price
FSK R-6 T75	FSK R-6 T75	2.2" x 48" x 75'	146.98

Type 150

Part #	Mfg #	Size	Price
LINER 2X59X50	TYPE 150. 1.5 POUND	2" x 59" x 50'	940.00

Type FSK Duct Wrap

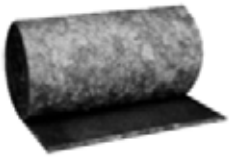
Part #	Mfg #	Size	Price
FSK WRAP	373626	1-1/2" x 48" x 100'	169.98

Type FSK Duct Wrap with R-8.3 Insulation

Part #	Mfg #	Size	Price
FSK R-8	278795079	3" x 50', R-8.3	154.28

Aeroflex PLUS® Acoustical Duct Liner

- Acoustically & thermally effective
- Tough, abuse-resistant, cleanable
- Meets fire resistance codes
- Bacterial & fungal growth resistance
- Factory applied edge coating



Duct Liner

Type 200 Aeroflex PLUS® Acoustical Duct Liner

Part #	Mfg #	Size	Price
LINER 36 1/2	T200	2" x 48' - Gray	265.76

Duct Liner Boards



Part #	Mfg #	Size	Price
DUCTBOARD	441681	1" x 48" x 120"	58.80
DUCTBOARDR6	441723	1.5" x 4' x 10', R-6	92.98

Fiberglas® Duct Liners

Part #	Mfg #	Size	Price
LINER 1/2	DL0547	1/2" x 47" x 100'	279.20
LINER 1	DL1047	1" x 47" x 100'	339.98

Poly Sheeting

DAY-PAK Inc.



Part #	Mfg #	Description	Price
VISQUEEN 6	PS06 01004FC	6' x 100' Clear, 4 Mil	72.50

Reflectix Inc.

Duct Insulation

Double Bubble Standard Edge

- Two outer layers of aluminum foil reflect 97% of radiant heat
- Each layer is bonded to layer of polyethylene for strength
- Two inner layers of insulating bubbles resist conductive heat flow
- Additional center layer of polyethylene for extra strength
- -60 to 180°F temperature range
- Nominal thickness: 5/16 inch





Part #	Mfg #	Size	Price
HVBP48100	HVBP48100	48" x 100' Standard Edge	259.98

Underslab Ducting

Standard PVC Underground Duct Fittings

PVC Air Duct Tees



Part #	Mfg #	Size	Price
6 TEE	T666P	6"	114.00
8 TEE	T888P	8"	138.08

PVC Air Duct Saddle Tees



Part #	Mfg #	Size	Price
S086P	S086P	8" x 6"	38.78
S106P	S106P	10" x 6"	88.00
S108P	S108P	10" x 8"	88.00
S126P	S126P	12" x 6"	105.58
S128P	S128P	12" x 8"	105.58

PVC Air Duct 90° Elbows



Part #	Mfg #	Size	Price
12 ELL	L129P	12"	170.04
14 ELL	L149P	14"	287.54

PVC Duct Reducers Concentric



Part #	Mfg #	Size	Price
8-6	RC86P	8" x 6"	57.96
10-8	RC10P	10" x 8"	64.08
12-10	RC12P	12" x 10"	77.80

PVC Duct Reducers Eccentric



Part #	Mfg #	Size	Price
14-12	SE42P	14" x12"	180.62

PVC Air Duct End Caps



Part #	Mfg #	Size	Price
6 CAP	EC60P	6"	26.98
8 CAP	EC80P	8"	38.08
10 CAP	EC10P	10"	50.32
12 CAP	EC12P	12"	90.00
14 CAP	EC14P	14"	103.40

PVC Starting Collars



Part #	Mfg #	Size	Price
6 COLLAR	SC60P	6"	31.58
8 COLLAR	SC80P	8"	35.16
10 COLLAR	SC10P	10"	47.86
12 COLLAR	SC12P	12"	54.70
14 COLLAR	SC14P	14"	64.84

Underslab Ducting

BLACK MAX

Black Max PVC Underground Duct Fittings

PVC 90° Register Boot Box



Part #	Mfg #	Size	Price
4-10-6	B4106	4" x 10" x 6"	49.13
4-12-6	B4126	4" x 12" x 6"	70.62
4-14-8	B4148	4" x 14" x 8"	73.66

Black Max PVC 90° Elbows



Part #	Mfg #	Size	Price
6 ELL	EB690	6"	55.30
8 ELL	EB890	8"	65.50
10 ELL	EB190	10"	88.48

Black Max Saddle Boots

- May also be used as extensions



Part #	Mfg #	Size	Price
4-10	SB410	4" x 10"	42.86
4-12	SB412	4" x 12"	51.78

Black Max PVC Wyes



Mini Multifit



Multifit

Part #	Mfg #	Size	Price
6X4X4 WYE	BY864	6" x 4" x 4" Multifit	86.42
8X6X6 WYE	B1086	8" x 6" x 6" Multifit	86.42

IPS Weld-On 600

For Black Max to PVC Connections

- NOTE: Use Surebond SB190 on all Saddle Boots & L-Bar Support Brackets



Part #	Mfg #	Size	Price
WELD-ON 600	WELD-ON 600	1 Quart	69.54

DIAMOND PLASTICS CORPORATION

Air Duct Plastic PVC Pipe

Mfg #	Description		Price
3508 6	6" x 10'	.07 Wall Thickness	48.48
3508 8	8" x 10'	.076 Wall Thickness	70.84
3508 10	10" x 10'	.101 Wall Thickness	111.86
3508 12	12" x 10'	.151 Wall Thickness	162.36
3508 14	14" x 10'		242.70

Electric Duct Heaters / Access Doors

Stock-Line Electric Duct Heaters

- Meets most residential and light commercial requirements for use in forced air duct systems
- Control panel cover included
- UL listed
- Meets the requirements of the National Electric Code (NEC)
- 208-240 Voltage range



WARREN TECHNOLOGY

Part #	kW	Phase/ Steps	Duct Size (In)	Price
SL5A	5	1 / 1	8 to 16 (W) x 8 to 12 (H)	225.78
SL10A	10	1 / 1	12 to 20 (W) x 8 to 14 (H)	247.62
SL10B	10	1 / 1	10 to 18 (W) x 10 to 16 (H)	248.40
SL15B *	15	1 / 2	15 to 22 (W) x 10 to 14 (H)	476.38
SL20A *	20	1 / 2	16 to 22 (W) x 10 to 14 (H)	543.10

* Denotes units with circuit fusing

Access Doors



- Standard access doors
- Removable, double skin

Part #	Description	Price
CDR24 8X8	8" x 8" For Metal	33.42
CDR24 10X10	10" x 10" For Metal	36.40
CDR24 12X12	12" x 12" For Metal	42.04

2-J's Design, Takeoff & Calculation Service:

Takeoffs

System Design

Heat Loss/Gain

All Items Not Stocked in All Branches - Call for Availability

Smoke Alarms / Slide Rules / Manuals

SYSTEM SENSOR
advanced ideas. advanced solutions.™

Innovair Duct Smoke Detectors

- 24 VAC/DC or 120/240 VAC operation
- Outside mounting tabs for quick mounting to round or rectangular ducts from 1' to 12'
- Order sampling tube separately



Part #	Description	Price
DH100ACDCP	Conventional 4-Wire, Photoelectric Sensor, 100 - 4000 FPM	224.60

Sampling Tubes



Part #	Description	Price
ST-1.5	For 12"-24" Duct	11.50
ST-3	For 36" Duct	16.10
ST-5	For 60" Duct	19.90

Remote Test Stations

- Includes remote test station
- #4 Screw for mounting bracket
- Two Mounting screws



RTS451



RTS451KEY

Part #	Description	Price
RTS451	Remote Test Station (Test Magnet)	70.08
RTS451KEY	Remote Test Station (2 Keys)	98.18

Alarm Annunciator

- Standby Current: 12.5mA
- Wire Connections: #6 binding head screws; 14 AWG to 18 AWG wire
- UL Reverberant Room: 81 dBA min. @ 10'



Part #	Description	Price
APA451	Annunciator with Piezo Alarm	57.98

ACCA

Duct Calculation Sizing Wheel

- Sizes metal ducts, lined metal ducts,duct board airways, and wire helix flexible ducts
- Converts round shapes to equivalent rectangular shapes
- Correlates available pressure with total effective length and friction rate (Manual D sizing calculations)
- Converts velocity into velocity pressure and vice versa
- Corrects for altitude & temperature



Part #	Mfg #	Description	Price
AC-DCS	94-SR	Two-Sided Plastic	73.54

Duct Calculation Slide Rule

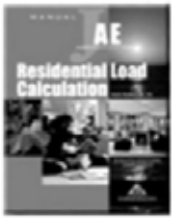


Part #	Mfg #	Description	Price
DUCT CALC		Slide Rule	9.00

Residential Heat/Loss Gain Manuals

Manual J 8th Abridged Edition

- Instructions for estimating heat loss and heat gain for residential structures
- Makes it easier to learn the MJ8 procedures and easier to use hand calculation methods on a variety of home applications



Part #	Mfg #	Description	Price
MANUAL J 8TH	MJ8AE	Residential Duct System	Spec Ord

Heating & Cooling Distributors

Metal-Fab B-Vent



Metal-Fab's 3" to 14" diameter round vent features a positive twist locking system that allows for easy assembly and disassembly without damage to the product.

The new SureLock® B-Vent Locking System is now standard on 3" to 6" sizes of pipe. The patent pending lockinng system provides a secure lock with just the push of a tab, and can be easily disassembled by pulling the tab back out.

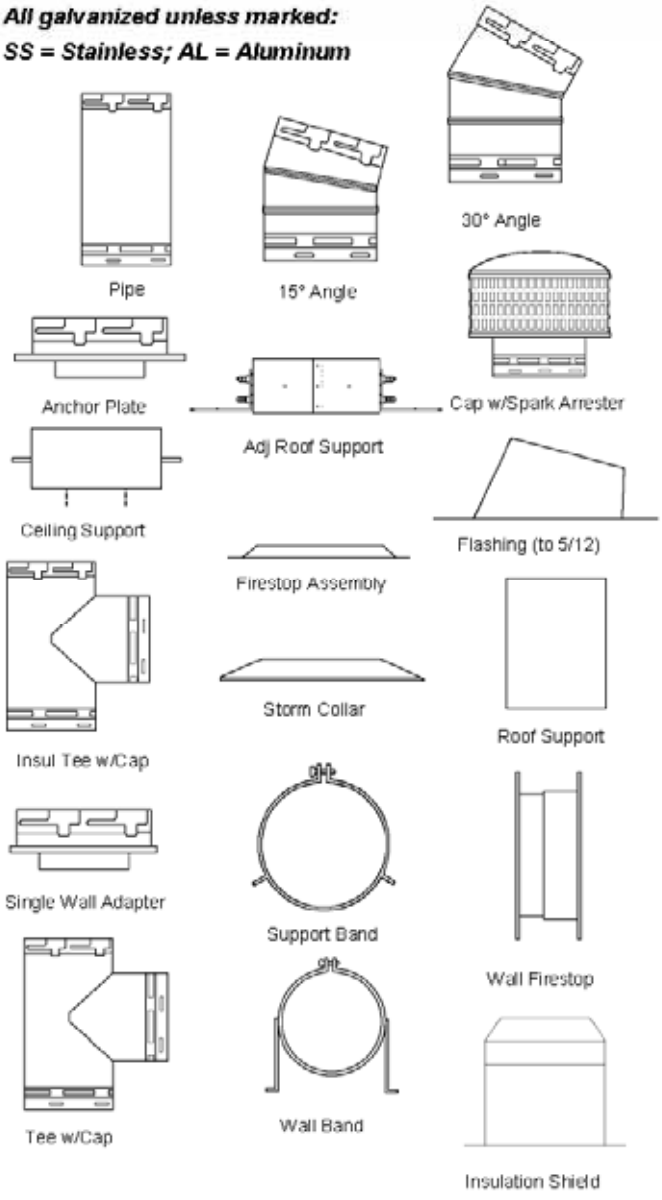
Small diameter tees, wyes, and elbows feature a 360° rotation collar for quick and easy re-positioning.

Larger diameter "Big Vent", with quick connect lock, is available in sizes from 16" to 30".

All Fuel Vent

Temp-Guard® Chimney Systems

All galvanized unless marked:
SS = Stainless; AL = Aluminum



6" Temp-Guard® Components

Part #	Description	Price
6TGG12	12" Pipe	72.22
6TGG24	24" Pipe	115.78
6TGG36	36" Pipe	153.02
6TGS36	36" Pipe SS	171.44
6TGG48	48" Pipe	189.08
6TGGA30	30° Angle	137.50
6TGC	6" Cap w/Spark Arrester	92.34
6TGCSP	Ceiling Support	102.00
6TGFSA	Firestop Assembly	15.66
6TGAF	Flashing ALUM	54.86
6TGFT	Flashing Flat Roof	64.64
6TGIS	Insulation Shield	99.36
6TGPSWA	Single Wall Adapter	53.96
6TGASC	Storm Collar AL	16.32
6TGGT	Tee w/Cap	177.38
6TGWB	Wall Band	33.46
6TGWFSP	Wall Firestop	63.82
6TGWS	Wall Support/Adapter	99.24

8" Temp-Guard® Components

Part #	Description	Price
8TGG12	12" Pipe	85.80
8TGG24	24" Pipe	140.40
8TGS24	24" Pipe SS	164.50
8TGG36	36" Pipe	202.34
8TGG48	48" Pipe	232.02
8TGGA30	30° Angle	169.34
8TGC	Cap w/Spark Arrester SS	122.72
8TGCSP	Ceiling Support	112.60
8TGFSA	Firestop Assembly	17.08
8TGF	Flashing 2/12 - 5/12	66.98
8TGAFT	Flashing Flat Roof ALUM	103.22
8TGIS	Insulation Shield	117.22
8TGPSWA	Single Wall Adapter	61.80
8TGSC	Storm Collar	18.70
8TGGT	Tee w/Cap	266.88
8TGWB	Wall Band	36.86
8TGWFSP	Wall Firestop	Spec Ord
8TGWS	Wall Support	115.06

Flex Venting

Chimney Liner Kits - Flex Aluminum

- Matches B-Vent Fittings



Part #	Size	Price
MLK0325	3" x 25"	169.32
MLK0335	3" x 35"	190.52
MLK0425	4" x 25"	190.54
MLK0435	4" x 35"	211.74
MLK0525	5" x 25"	211.72
MLK0535	5" x 35"	254.12
MLK0625	6" x 25"	254.12
MLK0635	6" x 35"	296.52
MLK0735	7" x 35"	338.92

Flexible Connectors

Part #	Size	Price
MLCK0305	3"	Spec Ord
MLCK0405	4"	Spec Ord
MLCK0505	5"	61.14
MLCK0605	6"	Spec Ord

Flexible B-Vent



Part #	Size	Price
MDWF0303	3" x 3'	55.26
MDWF0403	4" x 3'	62.14
MDWF0503	5" x 3'	70.20

Chimney Liner Kits - Flex SS

For Oil, Gas & Pellet Heating Equipment

- Liner, flashing, rain cap, mortar collar & top support



Part #	Size	Price
SLK625	6" x 25' Stainless Liner	791.12

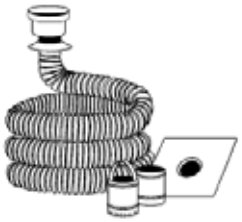
Chimney Liner Extensions



Part #	Size	Price
SLE1006	6" x 10' Stainless Steel	204.50

Chimney Liner Kits - Flex Aluminum

- Includes:
  - Flexible aluminum liner duct
  - Rain cap w/storm collar & connector all in one piece
  - Full aluminum flashing w/built-in water dam
  - Masonry sleeve
  - Bottom connector/pull through fitting

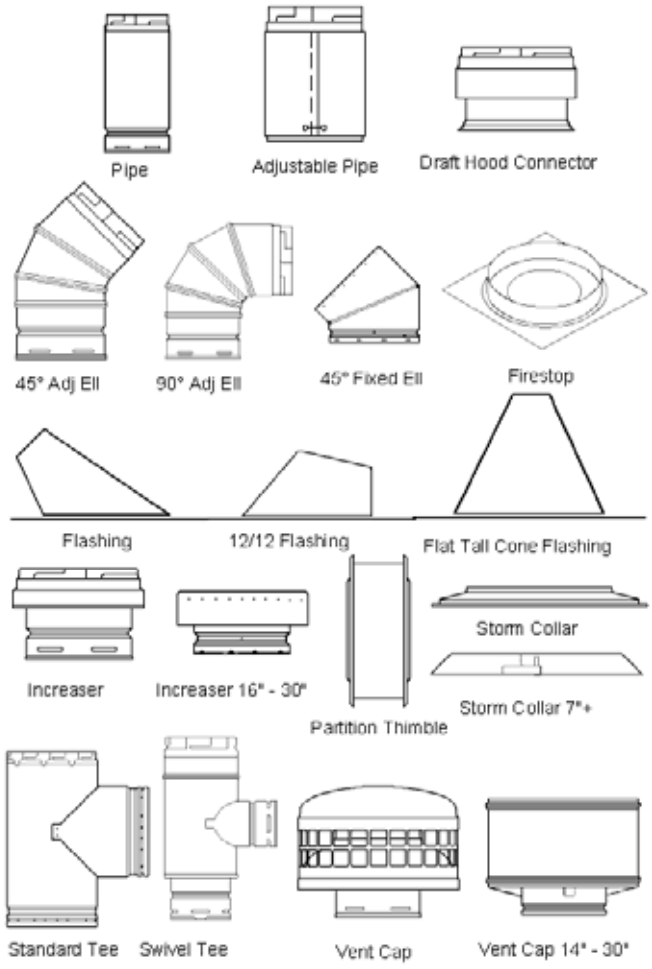


Part #	Size	Price
LK335	3" x 35'	137.24
LK435	4" x 35'	146.06
LK535	5" x 35'	170.70

All Items Not Stocked in All Branches - Call for Availability

B-Vent

B-Vent - Round



3" Round B-Vent Chimney Systems

Part #	Description	Price
3M6A	6" Adj Pipe	13.62
3M12	12" Pipe	11.18
3M12A	12" Adj Pipe	14.36
3M18	18" Pipe	13.52
3M24	24" Pipe	17.52
3M3	36" Pipe	23.54
3M4	48" Pipe	28.82
3M5	60" Pipe	35.60
3MCHP	Cap - Hi Performance	16.06
3MDC	Draft Hood Connector	11.18
3M45	45° Elbow	16.82
3M90	90° Elbow	30.24
3MF	Flashing	12.32
3MF-12	Flashing 12/12	31.98
3MFT	Flat Tall Cone Flashing	19.74
3MH	Hanger/Wall Band	12.22
3MI-5	5" Increaser	22.06
3MI-6	6" Increaser	23.42
3MPT	Partition Thimble	18.24
3MSC	Storm Collar	3.18
3MSP	Support Plate	13.30

4" Round B-Vent Chimney Systems

Part #	Description	Price
4M6	6" Pipe	11.20
4M6A	6" Adj Pipe	14.34
4M12	12" Pipe	12.68
4M12A	12" Adj Pipe	14.82
4M18	18" Pipe	14.82
4M24	24" Pipe	19.06
4M3	36" Pipe	24.78
4M4	48" Pipe	33.90
4M5	60" Pipe	38.76
4MCHP	Cap - Hi Perf	16.30
4MDC	Draft Hood Connector	12.24
4M45	45° Elbow	18.46
4M90	90° Elbow	31.78
4MF	Flashing	12.70
4MF-12	Flashing 12/12	32.42
4MFT	Flashing Flat Tall Cone	21.16
4MH	Hanger/Wall Band	12.38
4MI-6	6" Increaser	22.74
4MI-7	7" Increaser	29.94
4MPT	Partition Thimble	25.52
4MSC	Storm Collar	3.14

B-Vent - Round (Continued)

4" Round B-Vent Chimney Systems

Part #	Description	Price
4MSP	Support Plate	12.86
4M4ST4	4" x 4" x 3" Swivel Tee	44.40
4M4SY3	4" x 4" x 3" Swivel Wye	57.28

5" Round B-Vent Chimney Systems

Part #	Description	Price
5M6	6" Pipe	13.32
5M6A	6" Adj Pipe	16.48
5M12	12" Pipe	14.80
5M12A	12" Adj Pipe	18.58
5M18	18" Pipe	16.92
5M24	24" Pipe	23.28
5M3	36" Pipe	29.66
5M4	48" Pipe	40.26
5M5	60" Pipe	48.72
5MCHP	Cap - Hi Perf	23.28
5MDC	Draft Hood Connector	13.06
5M45	45° Elbow	20.70
5M90	90° Elbow	40.24
5MF	Flashing	18.62
5MF-12	Flashing 12/12	36.98
5MFT	Flashing - Flat Tall Cone	27.54
5MFS	Firestop Support	16.34
5MH	Hanger/Wall Band	13.04
5MI-7	7" Increaser	30.80
5MI-8	8" Increaser	34.62
5MPT	Partition Thimble	28.00
5MSC	Storm Collar	6.80
5MSP	Support Plate	17.20
5M4ST4	5" x 4" x 4" Swivel Tee	52.10
5M5ST3	5" x 5" x 3" Swivel Tee	52.10
5M5ST4	5" x 5" x 4" Swivel Tee	52.10
5M5ST5	5" x 5" x 5" Swivel Tee	52.10
5M4SY3	5" x 4" x 3" Swivel Wye	71.90
5M5SY4	5" x 5" x 4" Swivel Wye	59.30

6" Round B-Vent Chimney Systems

Part #	Description	Price
6M6A	6" Adj Pipe	19.08
6M12	12" Pipe	16.94
6M12A	12" Adj Pipe	20.32
6M18	18" Pipe	21.16
6M24	24" Pipe	27.52
6M3	36" Pipe	36.00
6M4	48" Pipe	44.48
6M5	60" Pipe	52.96
6MCHP	Cap - Hi Perf	29.64
6MDC	Draft Hood Connector	13.22
6M45	45° Elbow	25.70
6M90	90° Elbow	46.60
6MF	Flashing	25.42
6MF-12	Flashing 12/12	47.72
6MFT	Flashing - Flat Tall Cone	35.82
6MFS	Firestop Support	17.68
6MH	Hanger/Wall Band	13.58
6MI-7	7" Increaser	29.94
6MI-8	8" Increaser	29.36
6MPT	Partition Thimble	25.38
6MSC	Storm Collar	6.58
6MSP	Support Plate	20.38
6M5ST4	6" x 5" x 4" Swivel Tee	69.66
6M6ST4	6" x 6" x 4" Swivel Tee	59.74
6M6ST6	6" x 6" x 6" Swivel Tee	59.74
6M4SY3	6" x 4" x 3" Swivel Wye	73.02
6M5SY3	6" x 5" x 3" Swivel Wye	73.02
6M5SY4	6" x 5" x 4" Swivel Wye	81.72
6M6SY3	6" x 6" x 3" Swivel Wye	63.36
6M6SY4	6" x 6" x 4" Swivel Wye	63.36

Increaser
No-Height - MIN



Part #	Size	Price
3MIN4	3" to 4"	25.98
4MIN5	4" to 5"	25.18
5MIN6	5" to 6"	26.72

B-Vent

7" Round B-Vent Chimney Systems

Part #	Description	Price
7M6A	6" Adj Pipe	24.52
7M12	12" Pipe	23.26
7M18	18" Pipe	30.76
7M24	24" Pipe	42.52
7M3	36" Pipe	55.00
7M4	48" Pipe	71.82
7M5	60" Pipe	85.70
7MC	Cap	41.92
7M45	45° Elbow	42.18
7M90	90° Elbow	73.76
7MF	Flashing	33.32
7MF-12	Flashing 12/12	70.92
7MFT	Flashing - Flat Tall Cone	41.58
7MI-8	8" Increaser	29.36
7MPT	Partition Thimble	32.38
7MSC	Storm Collar	8.90
7MSP	Support Plate	25.30
7MT	Tee	68.50

8" Round B-Vent Chimney Systems

Part #	Description	Price
8M6A	6" Adj Pipe	27.42
8M12	12" Pipe	27.32
8M12A	12" Adj Pipe	28.88
8M18	18" Pipe	36.30
8M24	24" Pipe	46.34
8M3	36" Pipe	61.66
8M4	48" Pipe	81.06
8M5	60" Pipe	97.92
8MC	Cap	53.58
8MDC	Draft Hood Connector	14.52
8M45	45° Elbow	44.90
8M90	90° Elbow	78.78
8MF	Flashing	35.02
8MF-12	Flashing 12/12	88.82
8MFT	Flashing Flat Tall Cone	44.62
8MI-10	10" Increaser	68.22
8MPT	Partition Thimble	39.58
8MSC	Storm Collar	9.06
8MSP	Support Plate	25.84
8MT	Tee	75.98

10" Round B-Vent Chimney Systems

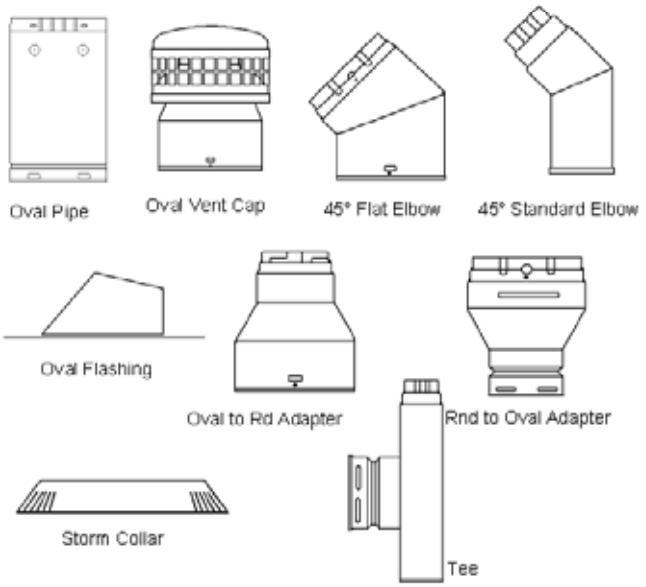
Part #	Description	Price
10M12	12" Pipe	67.96
10M18	18" Pipe	80.12
10M24	24" Pipe	96.80
10M3	36" Pipe	118.64
10M4	48" Pipe	154.98
10M5	60" Pipe	190.34
10MC	Cap	116.68
10M45	45° Elbow	113.58
10MF	Flashing	49.22
10MFT	Flashing - Flat Tall Cone	61.54
10MSC	Storm Collar	10.50
10MT	Tee	201.92

12" Round B-Vent Chimney Systems

Part #	Description	Price
12M12	12" Pipe	108.90
12M18	18" Pipe	112.40
12M24	24" Pipe	137.86
12M3	36" Pipe	169.08
12MC	Cap	158.50
12M45	45° Elbow	148.54
12MF	Flashing	58.96
12MFT	Flashing - Flat Tall Cone	71.64
12MSC	Storm Collar	11.46
12MT	Tee	250.32

B-Vent

B-Vent - Oval



4" Oval B-Vent Chimney Systems

Part #	Description	Price
4MO6	6" Pipe	19.58
4MO12	12" Pipe	20.80
4MO24	24" Pipe	28.88
4MO4	48" Pipe	46.62
4MO5	60" Pipe	56.84
4MO45S	45° Elbow - Standard	41.06
4MOR	Oval to Rnd Adapter	26.80
4MRO	Rnd to Oval Adapter	26.82
4MOT	Tee	56.12
4MOK	Installation Kit for Recessed Htr	40.02

5" Oval B-Vent Chimney Systems

Part #	Description	Price
5MO3	36" Pipe	Spec Ord
5MO5	60" Pipe	Spec Ord
5MO45F	45° Elbow - Flat	Spec Ord
5MO45S	45° Elbow - Standard	Spec Ord
5MOR	Oval to Rnd Adapter	Spec Ord
5MRO	Rnd to Oval Adapter	Spec Ord

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Flexible Duct

Insulated Flexible Duct - 30 Series Double Ply Metalized Vapor Barrier

Double Ply Polyester Core R-Value 4.2



Part #	Size	Price
8225 4	4" x 25'	33.30
8225 5	5" x 25'	38.78
8225 6	6" x 25'	38.10
8225 7	7" x 25'	41.70
8225 8	8" x 25'	44.50
8225 9	9" x 25'	58.78
8225 10	10" x 25'	60.70
8225 12	12" x 25'	73.70
8225 14	14" x 25'	89.10
8225 16	16" x 25'	107.78
8225 18	18" x 25'	126.98
8225 20	20" x 25'	154.90

Double Ply Polyester Core R-Value 6.0

Part #	Size	Price
8225 4 R6	4" x 25'	39.78
8225 5 R6	5" x 25'	46.70
8225 6 R6	6" x 25'	52.98
8225 7 R6	7" x 25'	57.38
8225 8 R6	8" x 25'	61.38
8225 9 R6	9" x 25'	70.50
8225 10 R6	10" x 25'	72.78
8225 12 R6	12" x 25'	90.50
8225 14 R6	14" x 25'	109.50
8225 16 R6	16" x 25'	131.70
8225 18 R6	18" x 25'	141.58
8225 20 R6	20" x 25'	166.10

Double Ply Polyester Core R-Value 8.0

Part #	Size	Price
031 4	4" x 25'	60.38
031 5	5" x 25'	67.50
031 6	6" x 25'	67.90
031 7	7" x 25'	76.98
031 8	8" x 25'	82.58
031 9	9" x 25'	100.58
031 10	10" x 25'	100.98
031 12	12" x 25'	124.30

Double Ply Polyester Core R-Value 8.0 (Continued)

Part #	Size	Price
031 14	14" x 25'	152.38
031 16	16" x 25'	181.98
031 18	18" x 25'	209.78

Insulated Flexible Duct - 70 Series Grey Polyester Vapor Barrier w/Spiral Reinforcements

Double Ply Polyester Core R-Value 4.2



Part #	Size	Price
420	4" x 25'	29.18
520	5" x 25'	33.58
620	6" x 25'	2.18
720	7" x 25'	36.78
820	8" x 25'	39.78
920	9" x 25'	53.38
1020	10" x 25'	55.10
1220	12" x 25'	65.70
1420	14" x 25'	82.58
1620	16" x 25'	95.38
1820	18" x 25'	105.98
2020	20" x 25'	156.78

Aluminum Flex Duct

Triple Ply Uninsulated Flex Duct



Part #	Size	Price
8550 4	4" x 25'	27.10
8550 5	5" x 25'	38.70
8550 6	6" x 25'	36.10
8550 7	7" x 25'	41.90
8550 8	8" x 25'	52.98
8550 10	10" x 25'	70.98
8550 12	12" x 25'	88.38

Flexible Duct

Insulated Foil Sleeves



Part #	Size		Price
010 4	4" x 4'	4.2	7.50
010 6	6" x 5'	4.2	8.50
010 7	7" x 5'	4.2	9.38
010 8	8" x 5'	4.2	10.18
010 9	9" x 5'	4.2	11.58
010 10	10" x 5'	4.2	12.78
010 12	12" x 5'	4.2	15.98
010 14	14" x 5'	4.2	20.50
010 16	16" x 5'	4.2	24.58
010 5 R-6	5" x 5'	6.0	9.70
010 6 R-6	6" x 5'	6.0	10.38
010 7 R-6	7" x 5'	6.0	11.30
010 8 R-6	8" x 5'	6.0	12.30
010 9 R-6	9" x 5'	6.0	13.98
010 10 R-6	10" x 5'	6.0	15.50
010 12 R-6	12" x 5'	6.0	19.18
010 14 R-6	14" x 5'	6.0	24.58
010 16 R-6	16" x 5'	6.0	29.58
010 5 R-8	5" x 5'	8.0	10.50
010 6 R-8	6" x 5'	8.0	10.98
010 7 R-8	7" x 5'	8.0	12.38
010 8 R-8	8" x 5'	8.0	13.50
010 9 R-8	9" x 5'	8.0	14.98
010 10 R-8	10" x 5'	8.0	16.18
010 12 R-8	12" x 5'	8.0	19.98
010 14 R-8	14" x 5'	8.0	24.50
010 16 R-8	16" x 5'	8.0	29.18

Insulated Vinyl Sleeves



Part #	Size	R-Value	Price
VF5 4	4" x 5'	4.2	6.98
VF5 5	5" x 5'	4.2	7.58
VF5 6	6" x 5'	4.2	7.38
VF5 7	7" x 5'	4.2	8.78

Insulated Vinyl Sleeves (Continued)

Part #	Size	R-Value	Price
VF5 8	8" x 5'	4.2	8.68
VF5 9	9" x 5'	4.2	10.78
VF5 10	10" x 5'	4.2	11.10
VF5 12	12" x 5'	4.2	14.90
VF5 14	14" x 5'	4.2	19.10
VF5 16	16" x 5'	4.2	22.98
011 R-6 4	4" x 5'	6.0	Spec Ord
011 R-6 5	5" x 5'	6.0	9.98
011 R-6 6	6" x 5'	6.0	9.70
011 R-6 7	7" x 5'	6.0	11.38
011 R-6 8	8" x 5'	6.0	11.50
011 R-6 9	9" x 5'	6.0	14.10
011 R-6 10	10" x 5'	6.0	15.58
011 R-6 12	12" x 5'	6.0	19.30
011 R-6 14	14" x 5'	6.0	24.78
011 R-6 16	16" x 5'	6.0	30.50
011 R-8 4	4" x 5'	8.0	10.38
011 R-8 5	5" x 5'	8.0	11.30
011 R-8 6	6" x 5'	8.0	10.98
011 R-8 7	7" x 5'	8.0	13.30
011 R-8 8	8" x 5'	8.0	13.38
011 R-8 9	9" x 5'	8.0	15.98
011 R-8 10	10" x 5'	8.0	17.30
011 R-8 12	12" x 5'	8.0	21.38
011 R-8 14	14" x 5'	8.0	26.30
011 R-8 16	16" x 5'	8.0	31.58

Sleeve Caps

Part #	Size	Price
CAP 5	5"	2.28
CAP 6	6"	1.74
CAP 7	7"	1.74
CAP 8	8"	2.28
CAP 9	9"	2.00
CAP 10	10"	2.50
CAP 12	12"	2.52
CAP 14	14"	2.00

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Registers / Grilles / Diffusers

GS = Golden Sand W = White

Residential Registers & Grilles

11 Duct Rings - Res

- Steel
- Round



Part #	Mfg #	Size	Finish	Price
11 6	013200	6"	GS	11.32
11 8	013201	8"	GS	11.96
11 10	013202	10"	GS	16.44
11 12	013203	12"	GS	19.82
11 14	013204	14"	GS	22.20

12 Butterfly Dampers - Res

- Steel
- Round



Part #	Mfg #	Size	Finish	Price
12 6	013220	6"	GS	24.20
12 8	013221	8"	GS	22.58
12 10	013222	10"	GS	35.36
12 12	013223	12"	GS	42.80

16 Ceiling Diffusers - Res

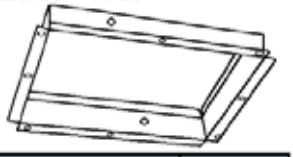
- Steel
- Round
- Step down



Part #	Mfg #	Size	Finish	Price
16 6	012900	6"	W	12.82
16 8	012901	8"	W	15.60
16 10	012902	10"	W	23.58
16 12	012903	12"	W	33.72

21 Installation Frames - Res

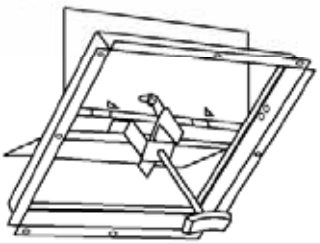
- Steel
- Square



Part #	Mfg #	Size	Finish	Price
21 6	013240	6"	GS	15.12
21 8	013241	8"	GS	16.96
21 10	013242	10"	GS	19.10
21 12	013243	12"	GS	21.68
21 14	013244	14"	GS	29.26

22 Butterfly Dampers - Res

- Steel
- Square



Part #	Mfg #	Size	Finish	Price
22 6	013275	6"	GS	33.50
22 8	013276	8"	GS	34.02
22 10	013277	10"	GS	38.98
22 12	013278	12"	GS	46.56
22 14	013279	14"	GS	56.82

24 Ceiling Diffusers - Res

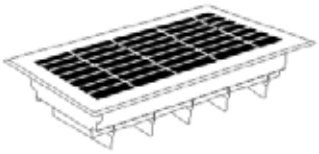
- Steel
- Square
- Step down



Part #	Mfg #	Size	Finish	Price
24 6	012950	6"	W	40.88
24 10	012952	10"	W	59.94

210 Floor Registers - Res

- Steel
- MS valve



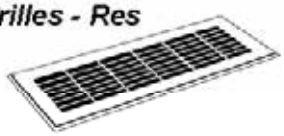
Part #	Mfg #	Size	Finish	Price
210 8X10	010640	8" x 10"	GS	49.34
210 8X12	010641	8" x 12"	GS	62.88
210 8X14	010642	8" x 14"	GS	75.28
210 9X12	010644	9" x 12"	GS	70.20
210 10X12	010647	10" x 12"	GS	65.48
210 10X14	010648	10" x 14"	GS	96.44
210 12X14	010651	12" x 14"	GS	86.42

Registers / Grilles / Diffusers

GS = Golden Sand W = White

265 Floor Grilles - Res

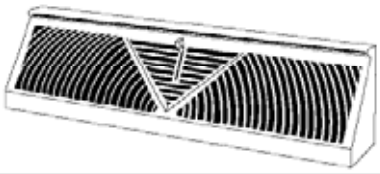
- Steel



Part #	Mfg #	Size	Finish	Price
265 4X10	011851	4" x 10"	GS	28.78
265 6X10	011860	6" x 10"	GS	25.34
265 6X12	011861	6" x 12"	GS	26.98
265 6X14	011862	6" x 14"	GS	31.40
265 6X20	011865	6" x 20"	GS	47.10
265 6X24	011866	6" x 24"	GS	57.92
265 6X30	011867	6" x 30"	GS	62.04
265 8X10	011870	8" x 10"	GS	31.88
265 8X12	011871	8" x 12"	GS	33.98
265 8X14	011872	8" x 14"	GS	39.50
265 8X16	011873	8" x 16"	GS	49.00
265 8X20	011875	8" x 20"	GS	52.36
265 8X24	011876	8" x 24"	GS	60.44
265 8X30	011877	8" x 30"	GS	64.98
265 9X12	011879	9" x 12"	GS	40.56
265 10X12	011881	10" x 12"	GS	40.26
265 10X14	011882	10" x 14"	GS	47.14
265 10X20	011885	10" x 20"	GS	66.76
265 10X24	011887	10" x 24"	GS	74.16
265 10X30	011888	10" x 30"	GS	75.54
265 12X12	011890	12" x 12"	GS	49.00
265 12X14	011891	12" x 14"	GS	52.36
265 12X20	011894	12" x 20"	GS	67.32
265 12X24	011895	12" x 24"	GS	70.52
265 12X30	011896	12" x 30"	GS	88.16
265 14X14	011898	14" x 14"	GS	68.90
265 14X16	011899	14" x 16"	GS	72.56
265 14X20	011901	14" x 20"	GS	77.22
265 14X24	011903	14" x 24"	GS	85.94
265 14X30	011906	14" x 30"	GS	99.52
265 16X20	011910	16" x 20"	GS	97.72
265 16X24	011911	16" x 24"	GS	105.00
265 16X30	011912	16" x 30"	GS	126.32
265 20X30	011920	20" x 30"	GS	156.72
265 24X24	011923	24" x 24"	GS	178.12
265 24X36	011925	24" x 36"	GS	275.68

406 Baseboard Diffusers - Res

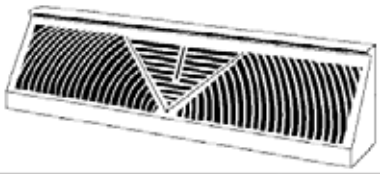
- Steel
- Plate damper



Part #	Mfg #	Size	Finish	Price
406	010680	18"	W	14.64

407 Baseboard Return - Res

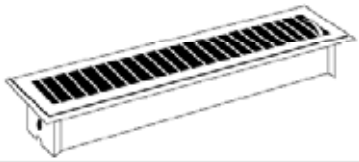
- Steel



Part #	Mfg #	Size	Finish	Price
407	011961	18"	GS	20.90

411 Deluxe Floor Diffusers - Res

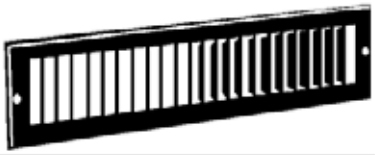
- Steel



Part #	Mfg #	Size	Finish	Price
411 4X10	010692	4" x 10"	GS	35.40
411 4X12	010694	4" x 12"	GS	38.76
411 4X14	010696	4" x 14"	GS	43.68
411 6X10	010698	6" x 10"	GS	52.86
411 6X12	010700	6" x 12"	GS	55.20

420 Toe-Space Grilles - Res

- Steel



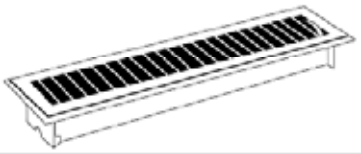
Part #	Mfg #	Size	Finish	Price
420 2X10 GS	011301	10" x 2"	GS	8.26
420 2X12 GS	011303	12" x 2"	GS	9.08
420 2X14 GS	011305	14" x 2"	GS	10.62
420 2X10 W	011300	10" x 2"	W	8.26
420 2X12 W	011302	12" x 2"	W	9.88
420 2X14 W	011304	14" x 2"	W	9.84

Registers / Grilles / Diffusers

GS = Golden Sand W = White

421 Stamped Floor Diffusers - Res

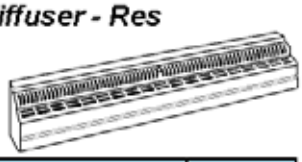
- Steel



Part #	Mfg #	Size	Finish	Price
421 2X10	010710	2" x 10"	GS	5.80
421 2X12	010712	2" x 12"	GS	5.80
421 2X14	010714	2" x 14"	GS	14.36
421 4X8	010705	4" x 8"	GS	9.64
421 4X10	010717	4" x 10"	GS	4.92
421 4X12	010719	4" x 12"	GS	6.42
421 4X14	010721	4" x 14"	GS	14.38
421 6X10	010765	6" x 10"	GS	16.18
421 6X12	010767	6" x 12"	GS	20.92
421 6X14	010769	6" x 14"	GS	24.04
421 2X10W	010711	2" x 10"	W	5.80
421 2X12W	010713	2" x 12"	W	6.18
421 2X14W	010715	2" x 14"	W	14.36
421 4X10W	010718	4" x 10"	W	4.92
421 4X12W	010720	4" x 12"	W	8.66
421 4X14W	010722	4" x 14"	W	14.40
421 6X10W	010764	6" x 10"	W	18.80
421 6X12W	010766	6" x 12"	W	20.92

462 Baseboard Diffuser - Res

- Steel
- Plate damper



Part #	Mfg #	Size	Finish	Price
462	010726	24"	W	44.20

464 Baseboard Diffuser - Res

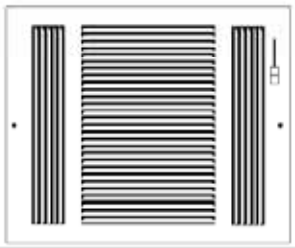
- Steel



Part #	Mfg #	Size	Finish	Price
464	010728	48"	W	80.68

631 Supply Registers - Res

- Steel
- Three-way deflection
- MS valve



Part #	Mfg #	Size	Finish	Price
631 10X4	010752	10" x 4"	W	17.38
631 10X6	010753	10" x 6"	W	18.76
631 12X6	010756	12" x 6"	W	20.60

650 Sidewall Return Air Grilles - Res

- Steel
- 1/3" Fin spacing



Part #	Mfg #	Size Width x Height	Finish	Price
650 6X6	043101	6" x 6"	W	7.80
650 8X6	043105	8" x 6"	W	8.58
650 8X8	043106	8" x 8"	W	9.36
650 10X4	043108	10" x 4"	W	7.78
650 10X6	043109	10" x 6"	W	8.26
650 10X8	043110	10" x 8"	W	10.36
650 10X10	043111	10" x 10"	W	14.04
650 12X4	043116	12" x 4"	W	9.38
650 12X6	043117	12" x 6"	W	7.84
650 12X8	043118	12" x 8"	W	11.20
650 12X10	043119	12" x 10"	W	16.40
650 12X12	043120	12" x 12"	W	15.44
650V 12X20	043124	12" x 20"	W	25.00
650V 12X24	043125	12" x 24"	W	31.14
650 14X4	043126	14" x 4"	W	8.82
650 14X6	043127	14" x 6"	W	3.78
650 14X8	043128	14" x 8"	W	10.10
650 14X10	043129	14" x 10"	W	18.26
650 14X12	043130	14" x 12"	W	19.82
650 14X14	043131	14" x 14"	W	18.96
650V 14X20	043134	14" x 20"	W	32.52
650V 14X24	043135	14" x 24"	W	38.98
650 16X6	043138	16" x 6"	W	13.00
650 16X8	043139	16" x 8"	W	14.58
650 16X10	043140	16" x 10"	W	20.94

All Items Not Stocked in All Branches - Call for Availability

Registers / Grilles / Diffusers

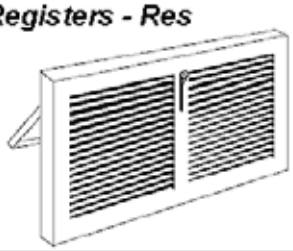
GS = Golden Sand W = White

650 Sidewall Return Air Grilles - Res (Continued)

Part #	Mfg #	Size Width x Height	Finish	Price
650 16X12	043141	16" x 12"	W	21.90
650 16X14	043142	16" x 14"	W	27.68
650 16X16	043143	16" x 16"	W	27.96
650V 16X20	043144	16" x 20"	W	30.18
650 18X10	043148	18" x 10"	W	22.74
650 18X12	043149	18" x 12"	W	24.80
650 18X14	043150	18" x 14"	W	31.40
650 18X18	043152	18" x 18"	W	37.16
650 20X6	043154	20" x 6"	W	13.82
650 20X8	043155	20" x 8"	W	14.60
650 20X10	043156	20" x 10"	W	23.24
650 20X12	043157	20" x 12"	W	26.88
650 20X14	043158	20" x 14"	W	32.44
650 20X16	043159	20" x 16"	W	35.58
650 20X20	043161	20" x 20"	W	40.26
650 24X6	043166	24" x 6"	W	8.82
650 24X8	043167	24" x 8"	W	9.02
650 24X10	043168	24" x 10"	W	27.74
650 24X12	043169	24" x 12"	W	28.52
650 24X14	043170	24" x 14"	W	36.12
650 24X16	043171	24" x 16"	W	43.94
650 24X18	043172	24" x 18"	W	47.10
650 24X20	043173	24" x 20"	W	50.34
650 24X24	043174	24" x 24"	W	70.40
650 30X6	043177	30" x 6"	W	9.04
650 30X8	043178	30" x 8"	W	10.96
650 30X10	043179	30" x 10"	W	29.30
650 30X12	043180	30" x 12"	W	35.08
650 30X14	043181	30" x 14"	W	45.30
650 30X16	043182	30" x 16"	W	54.92
650 30X18	043183	30" x 18"	W	85.06
650 30X20	043184	30" x 20"	W	69.20
650 30X24	043185	30" x 24"	W	85.36
650 30X30	043186	30" x 30"	W	101.14

654 Baseboard Registers - Res

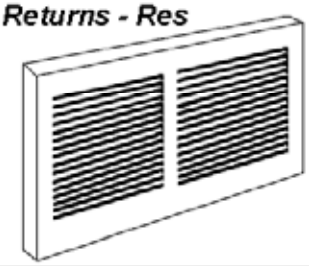
- Steel
- 1/3" Fin spacing
- Plate damper
- 7/8" Turnback



Part #	Mfg #	Size	Finish	Price
654 14X6	043622	14" x 6"	W	35.30

657 Baseboard Returns - Res

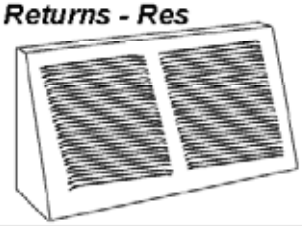
- Steel
- 1/3" Fin spacing
- 7/8" Turnback



Part #	Mfg #	Size	Finish	Price
657 10X6	043641	10" x 6"	W	15.68
657 12X6	043644	12" x 6"	W	15.62
657 14X6	043649	14" x 6"	W	13.02
657 14X8	043650	14" x 8"	W	17.76
657 24X6	043663	24" x 6"	W	21.98
657 24X8	043664	24" x 8"	W	28.46
657 30X6	043670	30" x 6"	W	23.56
657 30X8	043671	30" x 8"	W	32.96

658 Baseboard Returns - Res

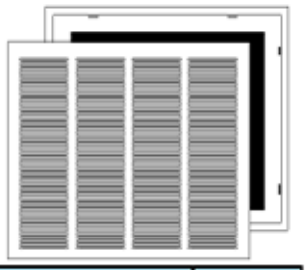
- Steel
- 1/3" Fin spacing
- 3-3/4" Base projection



Part #	Mfg #	Size	Finish	Price
658 14X6	043702	14" x 6"	W	26.18
658 30X6	043706	30" x 6"	W	39.82

659 Sidewall Return Air Filter Grilles - Res

- Steel
- 1/3" Fin spacing
- Uses standard 1" filters (not included)
- Removable face



Part #	Mfg #	Size Width x Height	Finish	Price
659 12X12	043401	12" x 12"	W	41.92
659 14X14	043404	14" x 14"	W	42.78
659 14X20	043405	14" x 20"	W	56.56
659 14X24	043406	14" x 24"	W	67.32
659 14X25	043407	14" x 25"	W	69.88
659 16X16	043409	16" x 16"	W	55.40
659 16X20	043410	16" x 20"	W	60.42
659 16X25	043411	16" x 25"	W	75.56
659 18X18	043413	18" x 18"	W	65.52

Registers / Grilles / Diffusers

GS = Golden Sand W = White

659 Sidewall Return Air Filter Grilles - Res (Continued)

Part #	Mfg #	Size Width x Height	Finish	Price
659 20X10	043415	20" x 10"	W	52.90
659 20X12	043416	20" x 12"	W	54.46
659 20X14	043417	20" x 14"	W	49.98
659 20X16	043418	20" x 16"	W	53.12
659 20X20	043419	20" x 20"	W	48.12
659 24X10	043422	24" x 10"	W	60.46
659 24X12	043423	24" x 12"	W	56.02
659 24X14	043424	24" x 14"	W	57.94
659 24X16	043425	24" x 16"	W	70.52
659 24X24	043428	24" x 24"	W	104.82
659 25X14	043430	25" x 14"	W	64.36
659 25X16	043431	25" x 16"	W	75.56
659 25X20	043432	25" x 20"	W	65.68
659 30X10	043434	30" x 10"	W	75.18
659 30X12	043435	30" x 12"	W	77.80
659 30X14	043436	30" x 14"	W	88.82
659 30X16	012684	30" x 16"	W	105.82
659 30X20	043438	30" x 20"	W	110.04

661 Supply Registers - Res

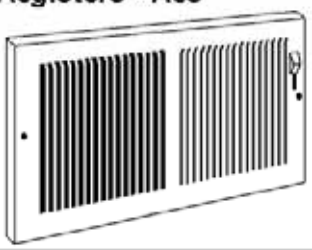
- Steel
- Two-way deflection
- MS valve



Part #	Mfg #	Size	Finish	Price
661 8X4	010812	8" x 4"	W	14.36
661 8X6	010814	8" x 6"	W	17.50
661 10X4	010816	10" x 4"	W	7.08
661 10X6	010819	10" x 6"	W	7.18
661 10X8	010820	10" x 8"	W	25.12
661 12X4	010821	12" x 4"	W	7.58
661 12X6	010823	12" x 6"	W	12.70
661 12X8	010825	12" x 8"	W	26.20
661 14X4	010827	14" x 4"	W	16.02
661 14X6	010830	14" x 6"	W	18.68
661 14X8	010832	14" x 8"	W	29.26
661 16X6	010833	16" x 6"	W	32.36
661 16X8	010834	16" x 8"	W	35.60

664 Baseboard Registers - Res

- Steel



Part #	Mfg #	Size	Finish	Price
664 10X6	010881	10" x 6"	W	24.82
664 12X6	010883	12" x 6"	W	26.94
664 14X6	010885	14" x 6"	W	31.68

673 Return Air Filter Grilles - Res

- Steel
- 1/2" Fin spacing
- Uses standard 1" filters (not included)



Part #	Mfg #	Size	Finish	Price
673 10X10	013924	10" x 10"	W	44.50
673 10X20	043500	10" x 20"	W	59.34

A618-MS Sidewall/Ceiling Registers - Res

- Stamped Aluminum
- Single deflection
- MS damper



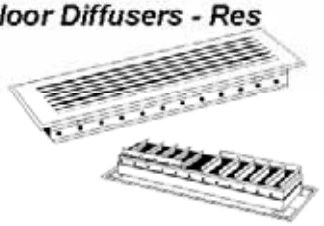
Part #	Mfg #	Size	Finish	Price
A618MS 10X4	022445	10" x 4"	W	28.60
A618MS 10X6	022447	10" x 6"	W	32.30
A618MS 10X8	022448	10" x 8"	W	42.24
A618MS 12X4	022450	12" x 4"	W	31.32
A618MS 12X6	022452	12" x 6"	W	38.16
A618MS 12X8	022453	12" x 8"	W	44.20
A618MS 14X4	022456	14" x 4"	W	42.24
A618MS 14X6	022458	14" x 6"	W	43.18
A618MS 14X8	022459	14" x 8"	W	43.38

Registers / Grilles / Diffusers

GS = Golden Sand W = White

531 Royalaire® Floor Diffusers - Res

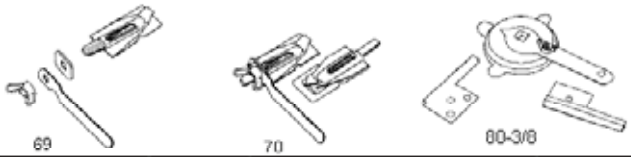
- Aluminum
- Dual MS valve



Part #	Mfg #	Size	Finish	Price
531 2X12	010736	2" x 12"	SA	75.26
531 4X10	010738	4" x 10"	SA	72.10
531 4X12	010739	4" x 12"	SA	77.62
531 6X14	010743	6" x 14"	SA	114.58

Sundry

Regulator Set Dampers - Res



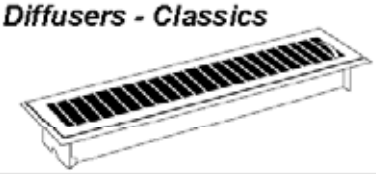
Part #	Mfg #	Description	Price
69	014500	69	2.42
70	014501	70	3.80
80 3/8	014502	80-3/8	17.14

Touch-Up Paint - Res

Part #	Mfg #	Description	Price
14522	014522	Golden Sand	17.82
14526	014526	New White	21.00

Classics Collection

421C Floor Diffusers - Classics



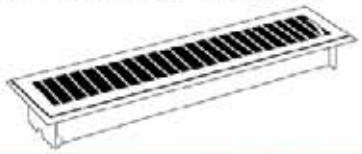
Part #	Mfg #	Size	Finish	Price
421C 4X12 CH	421C	4" x 12"	Chrome	37.76
421C 2X12BB	12111	2" x 12"	Bright Brass	39.86

R400 Wood Floor Diffusers - Classics



Part #	Mfg #	Size	Finish	Price
R400 4X10UO	33017	4" x 10"	Unfinished Oak	37.74
R400 4X12UO	33063	4" x 12"	Unfinished Oak	54.30
R400 4X10LO	552832	4" x 10"	Light Oak	39.38

R425 Louvered Floor Diffusers - Classics

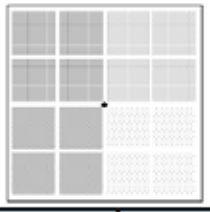


Part #	Mfg #	Size	Finish	Price
R425 2X10BP	12110	2" x 10"	Brass Plated	30.38

Commercial T-Bar

444 Surfaire® T-Bar Ceiling Diffusers - Comm

- Aluminum Face



Part #	Mfg #	Description	Price
444	50300	4-Way For 6-12" Collar	95.50

HVS T-Bar Ceiling Diffusers - Comm

- High Volume
- Cover White



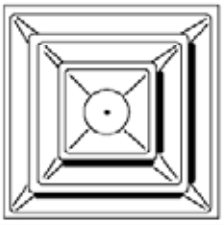
Part #	Mfg #	Description	Price
HVS	50350	4-Way f/6-12" Collar	111.98

Registers / Grilles / Diffusers

GS = Golden Sand W = White

FPD T-Bar Fixed Pattern Diffusers - Comm

- 4-Way louver
- Steel
- Damper adjustable thru face
- 2 Cone fixed core
- Dover White



Part #	Mfg #	Description	Price
FPD06	50500	6" Round Collar	45.02
FPD08	50502	8" Round Collar	45.02
FPD10	50504	10" Round Collar	45.02
FPD12	50505	12" Round Collar	45.02
FPD14	50506	14" Round Collar	45.02

5400 Collars - Comm



Part #	Mfg #	Description	Price
5406	50310	6"	9.22
5407	50311	7"	10.66
5408	50312	8"	9.22
5410	50314	10"	9.22
5412	50316	12"	10.84

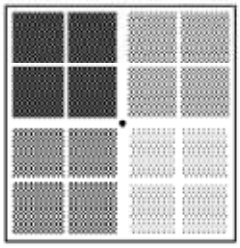
3800 Damper Series - Comm



Part #	Mfg #	Size	Finish	Price
3806	50290	6"	GS	18.70
3807	50291	7"	GS	20.18
3808	50292	8"	GS	18.70
3809	50293	9"	GS	22.08
3810	50294	10"	GS	21.40
3812	50295	12"	GS	21.98
3814	50296	14"	GS	26.64
T-HANDLE	12005	T-Handle f/3800 Series		0.10

RENPS The Renovator Series T-Bar Diffusers - Comm

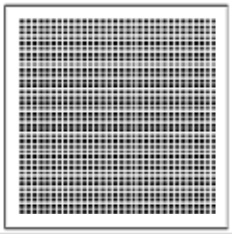
- Surfaire® or perforated face available
- 1" Molded fiberglass back
- Dover White



Part #	Mfg #	Description	Price
RENPS	50356	2" x 2" Lay-In Return Grille	44.32

RE5-T T-Bar Return Grille - Comm

- Grid core
- Extruded Aluminum
- Overall-size plus 1-3/4"



Part #	Mfg #	Size	Finish	Price
RE5-T22x22W	RE5-TW	20" x 20"	W	63.00

659T/659TI T-Bar Filter Grilles - Comm

- Steel
- Dover White



Part #	Mfg #	Description	Price
659T	12745	20" x 20" Lanced Face w/Filter-Frame Back	81.60
659TI	50560	20" x 20" Lanced Face w/Insulated Back	85.98

Surface Mount Frames - Comm



Part #	Mfg #	Size	Finish	Price
50299	50299	SMF 24" x 24"	W	45.46

Registers / Grilles / Diffusers

GS = Golden Sand W = White

5400 Push Pins - Comm

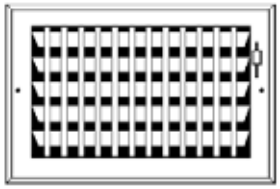


- Extruded Aluminum
- Permits attachment of 5400 collar to molded fiberglass back

Part #	Mfg #	Description	Price
504PP	14525	5400 Push Pin	1.24

821 Supply Registers - Comm

- Steel
- Vertical blades
- Single deflection
- Multi-shutter damper



Part #	Mfg #	Size	Finish	Price
821 10X10	75009	10" x 10"	W	50.98
821 12X10	75014	12" x 10"	W	51.46
821 12X12	75015	12" x 12"	W	56.52
821 14X14	75022	14" x 14"	W	81.56
821 16X8	75025	16" x 8"	W	61.30
821 20X6	75039	20" x 6"	W	66.64
821 20X8	75040	20" x 8"	W	68.78
821 20X10	75041	20" x 10"	W	77.36
821 20X12	75042	20" x 12"	W	76.96
821 20X14	75043	20" x 14"	W	99.52
821 24X6	75048	24" x 6"	W	74.42
821 24X8	75049	24" x 8"	W	81.56
821 24X10	75050	24" x 10"	W	88.84
821 24X12	75051	24" x 12"	W	97.86
821 30X6	75057	30" x 6"	W	124.58

T-Bar Cross Piece

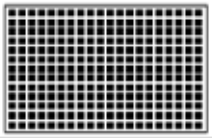
Part #	Mfg #	Size	Price
CROSS T	CROSS T	24"	4.74

Gaskets

Part #	Mfg #	Description	Price
BUTYL GASKET	BUGA	Butyl Gasket	0.24

Egg Crate Louvers

BRAMEC®



Part #	Mfg #	Size	Price
EC24X24		24" x 24"	16.04
13833	13833	24" x 48", 3/8" Thick	19.96

EASYAIR

EasyAire Grille

- Fully adjustable, center adjustment cone allows for variable ventilation capacity
- Easy to install, no tools required
- Non-sweating
- Attractive white finish
- Lifetime warranty



Part #	Size	Price
EAG4CPU	4"	16.50
EAG6CPU	6"	16.50
EAG8CPU	8"	24.60

Ceiling Fittings

- Clamp on to ceiling tile



Part #	Size	Price
CF8USA	8"	13.78

No Wait Service at 2-J

Tell Us When You'll Be Here, Your Order Will Be Ready

Airtec MV Diffusers

Ceiling Diffusers

Diffuser, Outlet Assembly & Damper in One

- Installs easily in 9" dia hole
- Adaptable to 6", 7" or 8" dia ducts



MV-4



MV-360

Part #	Description	Price
MV-4	4-Way Square with Damper	32.94
MV-3	3-Way Square with Damper	32.94
MV-2	2-Way Square with Damper	32.94
MV360	Round with Damper	31.58

Rough-In Flange

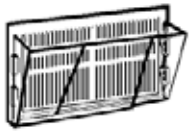
Part #	Description	Price
RCF-1	Rough-in Flange	7.20
RCF24	Rough-In Flange for 16" O/C Framing	8.40



Air Distribution

Air Deflectors

Cooling Air Deflectors



Part #	Register Type	Size	Price
51	Wall	Adj 10"-16"	10.76

Heating & Cooling Air Deflectors

- Strong metal magnets attached
- Clear plastic



Part #	Register Type	Size	Price
99	Floor	Adj 10"-14"	3.30

Specialty Vents/Hoods

SUPURR-VENT® Louvered Fresh Air Intake Vents

- With molded 1/4" plastic screen



Part #	Description	Price
HSM6B	6" Brown Louvered Hood	9.20
HSM6W	6" White Louvered Hood	9.20

SUPURR-VENT® Louvered Bathroom Vent Hoods

- Includes hood, pipe & collar
- Opens with ease for maximum exhaust flow
- Curved louvers for quieter operation
- Durable weather resistant



Part #	Description	Price
SVHUB3	3" Brown Hood, Pipe & Collar, Unassembled	3.96
SVHUB4	4" Brown Hood, Pipe & Collar, Unassembled	5.20
SVHUW3	3" White Hood, Pipe & Collar, Unassembled	5.20
SVHUW4	4" White Hood, Pipe & Collar, Unassembled	5.20

Fresh Air Intake Vents - Wide Mouth

- Built in molded screen for fresh air intake
- Removable bird guard helps prevent birds and other pests from nesting in vent or entering home
- Durable weather resistant



Part #	Description	Price
RVMAB4	4" Brown Wide-Mouth, Assembled	9.94
RVMAW4	4" White Wide-Mouth, Assembled	9.94

Bathroom Vent Hoods - Wide Mouth

- Includes hood, aluminum pipe & collar
- Removable bird guard helps prevent birds and other pests from nesting in vent or entering home
- Vent closure designed for maximum airflow
- Durable weather resistant
- Should self clean with wind or rain



Part #	Description	Price
RVHAB4	4" Brown Hood, Assembled	7.74
RVHAW3	3" White Hood, Assembled	7.74
RVHUW4	4" White Hood, Unassembled	6.10

UNDEReve® Vent

For Clothes Dryer or Bathroom Exhaust Venting

- Helps prevent cold air from entering the home
- Helps prevent birds from nesting in the vent & rodents from entering the home
- Designed to vent clothes dryer exhaust, bathroom exhaust & any other venting up to 5" in diameter
- Easy installation: assemble vent, connect duct to opening made in eave, attach UNDEReve® Vent



Part #	Description	Price
EVE	White Undereve Vent	10.36

Dryer Venting

Aluminum Dryer Vents

- Includes hood, aluminum pipe & collar
- Deluxe wide mouth hoods



Part #	Description	Price
DAVHA4/12	4" Hood (Case 12)	8.16

Air Distribution

Supurr-Vent® Louvered Dryer Vent Hood



Part #	Description	Price
HS6B	6" Brown	6.24
HS6W	6" White	6.24

Duct/Pipe

Supurr-Flex® Metallic Duct

- 4000 FPM
- 0° to 265°F
- UL listed
- Ideal for bathroom venting, HVAC applications & general venting



Part #	Size	Price
FUL0325	3" x 25'	39.10
FUL0425	4" x 25'	39.10

Semi-Rigid Flexible Aluminum Duct

- Semi-rigid but flexible for easy installation
- Fire resistant



Part #	Size	Price
A0325/5	3" x 25'	31.56
A0425/3	4" x 25'	37.24

White Vinyl Hose



Part #	Size	Price
BH350W	3" x 50'	0.50
BH450W	4" x 50'	0.50

Aluminum Duct Pipe & Elbows

Aluminum Duct Pipe

- Ideal for bath, dryer or general purpose venting
- Snaplock seam
- Silver



Part #	Part #	Size	Price
7803	DP243	3" x 24"	4.06
7804	DP244	4" x 24"	4.24

90° Aluminum Elbows

- Light gauge construction ideal for bathroom venting
- Fully-adjustable from 0 to 90°
- Crimped one end



Part #	Part #	Size	Price
7813	DE903	3" 90° Elbow	4.00
7814	DE904	4" 90° Elbow	4.14

Metal Worm Drive Clamps

- Accommodates semi-rigid aluminum duct



Part #	Description	Price
MC3	3" Clamp	1.10
MC4	4" Clamp	1.40
MC6	6" Clamp	1.76

Air Distribution

Butler Ventamatic® Corp.

Roof Mount Power Attic Ventilators

Model 2414 - 1200 CFM

- For attics up to 2000 sq ft
- 3.4 amp, 115V, 60Hz motor
- Adjustable thermostat with built-in safety features
- Balanced metal fans
- Two year limited warranty on all parts

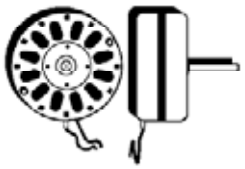


Part #	Description	Price
2414-T	ABS Cycolac Finish	117.98
2414-T-AM	Galvanized Steel Finish	123.98

Replacement Parts

Motor

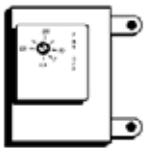
- 1050 RPM, 3.5 amp, 60Hz thermally protected motor
- UL Listed
- Two year limited warranty



Part #	Description	Price
MOTOR 401	115V, 3.4 Amp, 1050 RPM	75.98

Thermostat

- Adjustable
- 15° differential with Firestat



Part #	Description	Price
415	Adjustable Thermostat	39.98

Fan Blade Assembly

- Balanced 4 paddle fan blade for use with all 1/2" shaft motors



Part #	Description	Price
3602	Fan Blade Assembly	Spec Ord

LEIGH The Air Flow Pros®

Vacuum Caps



Part #	Size	List Price
951	Round Adjustable 3" / 4" / 5"	19.42

Roof Vents



Part #	Size	List Price
405A	7" Aluminum	17.16

Gable Vents

- Reversible rectangular gable ventilators
- Roll-formed frame
- One-piece louvered construction



Part #	Size	Price
416 8X8	8" x 8"	12.50
416 12X12	12" x 12"	17.30
416 12X18	12" x 18"	18.84

Roof Jacks

- 4" Profile
- Bird proof screen



Part #	Size	Price
538	4"	29.28

LESLIE LOCKE

Versa Caps®



Part #	Model #	Size	Price
19292	3050	2-7/8" - 5" Adj	39.34
19293	5070	4-7/8" - 7" Adj	50.80
19294	7090	6-7/8" - 9" Adj	76.58
19295	9011	8-7/8" - 11" Adj	107.62
19296	1200	11-7/8" - 14-1/2" Adj	207.80

Air Distribution

Bath Ventilation

Premium Fans

- Torsion spring grill mounting
- UL listed for showers & baths with GFCI-protected branch circuit
- Centrifugal blower wheel & 4 pole motor
- Durable dampers prevent cold air back draft



Part #	CFM	Sones	Duct Connection	Price
684	80	2.5	4"	126.12

Deluxe Fans

- Easy installation
- UL listed for showers & baths with GFCI-protected branch circuit
- Durable dampers prevent cold air back draft



Part #	CFM	Sones	Duct Connection	Price
671	70	6.0	3"	67.04

Economy Fans

- Torsion spring grille mounting
- Compact housing fits easily between ceiling joists or wall studs
- UL listed for showers & baths with GFCI-protected branch circuit



Part #	CFM	Sones	Duct Connection	Price
688	50	4.0	3"	31.10

Fan & Light Combo Unit Project Packs

- 120V for 100 watt incandescent lamp
- Mounting ears offer quick, sturdy installation
- UL listed for insulated ceilings in showers & baths with GFCI-protected branch circuit



Part #	CFM	Sones	Duct	Price
678	50	2.5	4" Round	63.78

J-Can Housing

Part #	Description	Price
2677H	For 678,679 Type IC, Mounting Ears	18.44

Roof Caps



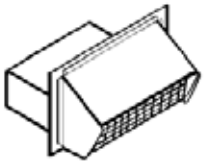
634



636

Part #	Description	Price
634	3-¼" x 10" or 8" Rd Duct	58.58
636	Black Steel Roof Cap For 3" or 4" Round Duct	32.08

Wall Caps



Part #	Description	Price
639	Black Steel f/3-1/4" x 10" Duct	37.82

24/7/365

Emergency Services

Available at 2-J

We Stand Beside You To Support Your Customers

Draft Controls

Draft Controls

Type RC Draft Controls

For Oil or Coal Systems - Residential & Commercial

- Standard equipment on many leading brands of oil or coal heating equipment
- Calibrated to allow for easy adjustment to the furnace or boiler
- Designed for settings from .02" - .08" this control is so sensitive that instrumentation should be used when adjusting the unit during installation



Part #	Mfg #	Control Size	Nom Capacity Sq In	Recommended Pipe Sizes Dia(In)	Circum	Dimensions	Price
4RC	4RC	4"	12.6"	3-4-5	9-1/2" - 15-3/4"	4" x 2-1/2" x 2"	51.54
6RC	6RC	6"	28.3"	5-6-7	15-3/4" - 22"	6" x 1-7/8" x 3"	51.40
7RC	7RC	7"	38.5"	6-7-8	19" - 25-1/4"	7" x 2-5/8" x 3-1/2"	72.26
8RC	8RC	8"	50.3"	7-8-9	22" - 28-1/8"	8" x 4-3/8" x 4"	100.04

Type MG-1 Draft Controls

Double-Acting for Gas Furnaces & Blowers

- Widely used f/conversion burner installations, gas draft-induced appliance operation with mechanical draft inducers or sidewall power venters
- Recommended for use on gas atmospheric appliances where a draft hood cannot be installed & can improve combustion stability & draft on many gas atmospheric installations with venting problems
- Precise, accurate control of drafts at levels higher than std draft diverter
- Since it is double acting, it opens out to relieve positive vent system pressures as low as .001"
- Draft adjustments using weights are simple & accurate from .01" - .1"



Part #	Mfg #	Control Size	Nom Capacity Sq In	Recommended Pipe Sizes Dia(In)	Circum	Dimensions	Price
4MG1	4MG1	4"	12.6	3-4	9-1/2" - 12-1/2"	4" x 2-1/2" x 2"	Spec Ord
6MG1	6MG1	6"	28.3	5-6	15-3/4" - 19"	6" x 2-11/16" x 3"	128.80

Draft Controls

SWG for Sidewall Venting

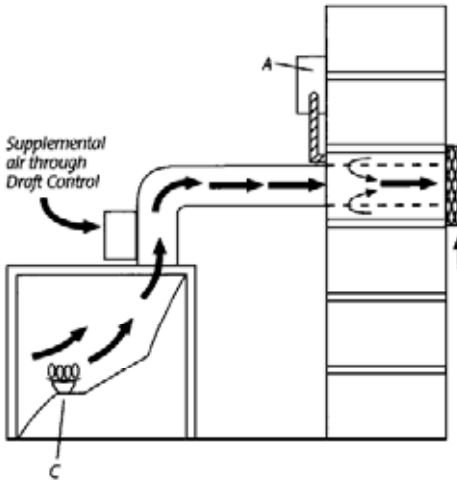
Outdoor Mounted for Oil & Gas



- Easy to install unit that significantly reduces motor noise
- Designed for walls up to 8" thick
- PEK extension kit allows the SWG to be installed in walls up to 16" thick
- 115 volts, 60 hz, thermal protection

How the SWG works:

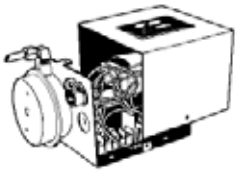
1. Thermostat calls for heat.
2. The Control Kit (A) is activated. This energizes the SWG venter (B) which creates negative pressure in the vent system and starts the burner (C).
3. Outside air is drawn into the vent system between the inner and outer pipe (D), reducing heat buildup. The gases then exit the venter (E).
4. After the thermostat is satisfied and the burner shuts off, a post purge control operates the venter to vent any remaining combustion gases and then deactivates the venter.



The SWG pulls combustion gases to the outside, creating 100% negative pressure in the vent pipe.

Part #	Mfg #	Description	Price
SWG-3	SWG-3	115V Gas & Oil Venter, 3" Inlet	Spec Ord

Control Kits for SWG Series Power Venter



- Required to operate SWG Power Venter
- Controls the operation of SWG power venters, field draft inducers & combustion air systems

Part #	Mfg #	Application:	Price
CK-43	CK-43	24 VAC Draft Induced Gas Valve Systems, Includes: 4" MG-1 Draft Control, Post Purge & Adjustable Electronic Post Purge, Draft Proving Switch & Draft Control	Spec Ord

ClearWave®-HD Water Conditioner

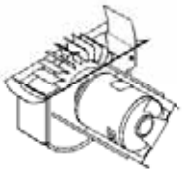
- Works without chemicals, salt or plumbing to eliminate scale build-up & prevent scale formation



Part #	Mfg #	Max. Pipe Diameter	Max. Flow Rate	Volts	Watts	Amps	Price
CWHD1	CW-HD-1	1"	28 gpm	18 VAC	5	.09	Spec Ord

Ventilating

Inline Auto-Draft® Draft Inducers

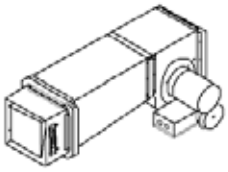


- Vari-Draft control permits adjustments to the individual job requirement
- 115V 60Hz

Part #	Description	Price
DJ-3	For 3" - 6" Pipe Size	232.86
D-3	For 5" - 8" Pipe Size	307.50

Power Venters

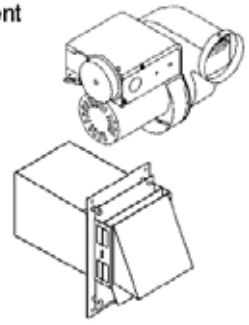
SideShot® Sidewall Vent Power Venter



- For oil & gas heating equipment
- No chimney required
- Zero clearance
- Safety protection by pressure switch & high limit control

Part #	Description	Price
SS1	For Gas & Oil Heating Equipment, ETL Listed	Spec Ord
950-2043	Oil Valve Purge Kit for Oil SS1 Kits	127.98

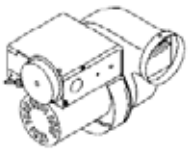
GPAK Packaged Sidewall Gas Vent Packages



- Combines power venter, VH1-4 vent hood & 4" barometric draft control
- Includes fan proving switch, non-adjustable 45 second, post-purge relay/timer to purge vent system of residual flue gases after burner cycle has completed
- Includes everything needed for installation except vent pipe
- AGA Certification

Part #	Description	Price
GPAK-JT*	To 120,000 BTUH, Includes 4" Draft Control	759.04
GPAK-1T*	To 250,000 BTUH, Includes 4" Draft Control	759.04

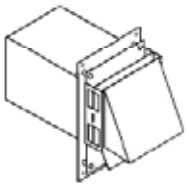
HS Series Sidewall Gas Power Venters



- Used in residential/light commercial natural gas, LP or oil fired equipment
- Reliable & consistent mechanical draft
- Factory calibrated fan proving switch
- Does not come with vent hood, draft control or vent pipe
- UL Approved

Part #	Description	Price
HS-1	Includes UC-1 Universal Control	592.56

Sidewall Vent Hoods



- Heavy duty, corrosive resistant aluminum construction & built-in clearances from combustibles
- All mounting hardware included

Part #	Description	Price
VH-1-4	4"	201.40
VH-1-6	6"	203.74

Duct Boosters®



- Fits round or flat forced air heating/cooling ductwork
- Boosts air flow up to 275 CFM

Part #	Description	Price
DB-2	Original 120V, 1/20 HP, .51A - 6" & 8" Duct	186.26

Water Heater Interlock Kits



Part #	Description	Price
WHK-2	Millivolt Heater Control for Inputs up to 120,000 BTU's	557.14

Booster Fans

aero-flo



Part #	Size	Price
AF-6	6"	61.80
AF-8	8"	76.00
AF-10	10"	123.40

Ventilating

Bath Fans

Premium Bath Fans

- Includes:
  - Fan
  - Ceiling grille
  - Grille housing with damper and bulb
- UL Listed for wet locations
- Energy star



Part #	Description	Price
PB100	100 cfm, 4" Duct	284.80

Inline Duct Fans for Round Duct

FR Series Inline Bathroom Fans Kits

- Includes:
  - FR100 fan & 4" Grille



FR-100

Part #	Description	Price
REG 100	Kit for Single-Point Exhaust	Spec Ord

FX Series Inline Dryer Booster Fan Kits

- Kit Includes:
  - 148 cfm inline fan with steel housing
  - Automatic pressure sensing switch
  - Mounting bracket & hardware
- Five-year warranty



Part #	Description	Price
DBF4XL	Dryer Boosting Kit	387.38

Vent Light Kits

- Prewired vent light complete with back draft damper
- 50W Bulb



Part #	Description	Price
VLC 64	For 4" - 6" w/Reducer, Bulb, No Fan	Spec Ord

SHR Series Heat Recovery Ventilators

- Aluminum cores
- EBM motors with backward incline impellers
- Polystyrene foam insulated
- Residential Warranty
  - 7-Year warranty on motor
  - 5-Year warranty on parts
  - Lifetime warranty on core (limited)

Fan Shut-Down Defrost



Part #	Description	Price
SHR1504	120V, 128 cfm @ 0.4 High Speed 23.5"L x 17.4"W x 16.1"H	1986.60
SHR2004	120V, 160 cfm @ 0.4 High Speed 28"L x 17.4"W x 20.5"H	2428.80

SER Series Energy Recovery Ventilators

- Aluminum cores
- EBM motors with backward incline impellers
- Polystyrene foam insulated
- Built-in defrost mechanism
- Residential Warranty
  - 7-Year warranty on motor
  - 5-Year warranty on core
  - 5-Year warranty on other components



Part #	Description	Price
SER1504	120V, 150 cfm @ High Speed 28"L x 14"W x 17.5"H	2225.64

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Your Partner Company

All Items Not Stocked in All Branches - Call for Availability

Zoning

*** Other Damper Sizes Available Special Order ***

Pre-Fab Round Dampers

SPRD Spring Return Round Dampers

- Shipped spring closed
- Reversible motor for spring open operation



Part #	Voltage	Size	Price
37051	24	10"	Spec Ord

** Other sizes available special order

Relays

Part #	Description	Price
35059	Freeze Protection Relay	35.18

DuroZone Systems

SMZ Series Panels



Part #	Description	Price
35229	3-Zone Auto Changeover	264.76

ED4 Digital Panels

Part #	Description	Price
35237	4-Zone Digital Panel	244.00

Multi-Blade Zoning Dampers

- Non-motor side x motor side dimensions



Side Mount

Part #	Size	Mount	Price
37120	8" x 10"	Side	192.54
37130	8" x 12"	Side	226.00
37140	8" x 14"	Side	209.22
37150	8" x 16"	Side	226.00
37160	8" x 18"	Side	242.00
37114	16" x 8"	Side	209.22

** Other sizes available special order

Round Pressure Relief Dampers

- Plated steel counterbalance rod & weight
- Sintered bronze oil impregnated bushings
- Thumb screw adjustment
- Galvanized steel
- Mount counterbalance on either side



Part #	Model	Nom Dia	Bypass @ 1200 FPM	Price
35072	DDRD-12	12"	950 cfm	133.30

** Other sizes available special order

Electric Heat Sequencers

Model 24A50

- Complete line with fewest number of components for maximum economy
- Multi-poise mounting
- Staging capability
- Easily accessible dual tab terminals
- Ambient compensated
- Quiet, snap-acting "E-Blade" main switches



24A54-2

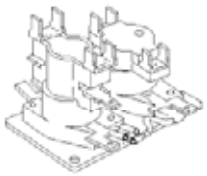
Part #	Number of Switches	On Times Main SW1	On Times Main SW2	On Times Main SW3	On Times Aux SW4	Off Times Main SW1	Off Times Main SW2	Off Times Main SW3	Off Times Aux SW4	Price
24A54-2	1 Main/1 Aux	35	-	-	40	35	-	-	23	87.98
24A56-101	3 Main/1 Aux	18	35	40	40	93	63	58	53	Spec Ord

Model 24A34

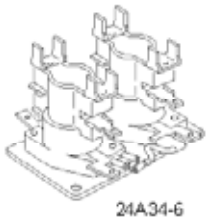
- Direct replacement for most fan/heat sequencing functions
- Multi-poise mounting
- Ambient rated from -40 - +165°F
- 24V input control
- Any contacts (except M1 & M2) can be used as auxiliary contacts
- Double quick connect terminals for combo loads



24A34-3



24A34-5



24A34-6

Part #	Timings	Switches	On Times (Sec) Main	On Times (Sec) Aux	Off Times (Sec) Main	Off Times (Sec) Aux	Price
24A34-1	1	1	1-20		40-110		21.98
24A34-3	1	2	1-20	1-20	40-110	40-110	23.98
24A34-5	2	3	1-110	1-110	1-110	1-110	37.98
24A34-6	2	4	1-110	1-110	1-110	1-110	43.98
24A34-14	4	5	1-160	1-160	1-160	1-160	57.98

Remote Temperature Controls

SPDT Temperature Control

- For remote control of combination heating-cooling installations or where equipment requires closed circuit for both rise & fall in temperature
- Use as outdoor thermostat or changeover control
- Hydraulic action element, no leveling required
- Mounts in any position, dustproof steel case



Part #	Temp Range	Differential	Switching	Capillary Length	Price
1687-9	-30 - 90°F (-34 - 32°C)	Adj 4 - 30°F (2 - 17°C)	SPDT	8'	95.98

Ignition Controls

Universal Nitride Hot Surface Upgrade Kit

- No need to replace existing module
- Replaces most silicon carbide igniters
- Super tough nitride igniter construction
- Power on LED indicator
- Kits include Nitride Upgrade Furnace Label



21D65-1

Part #	Description	Price
21D64-1	Kit Includes Nitride Igniter, Power Supply Module, Unversal Mounting Bracket, Connection Harness, 24" Lead Assembly, 5-Year Warranty	111.98
21D64-2	120V Kit Includes Nitride Igniter w/15.5" Leads, Universal Mounting Bracket, Screw & 2 Ceramic Wire Nuts, 3-Year Warranty	47.98

Universal Proven Pilot Spark Control

- Gas ignition control
- Designed for all gases
- Microcomputer-based
- Field replacement for most Honeywell, Robertshaw, Johnson Controls and Utec intermittent pilot ignition controls
- Works with single rod or dual rod remote sensor
- LED diagnostic indicator



Part#	Description	Price
50D50-843	Universal Pilot Spark Control	175.98

Universal Ignition Module for Hot Surface Ignition Systems

- For gas-fired non-integrated forced air furnaces and boilers
- Replaces all White-Rodgers 50E47-XXX Modules
- Six program keys & color-coded timing label included
- Ambient operating range: -40 - +175°F (-40 - +80°C)



Part #	Description	Price
50E47-843	Universal Ignition Module	173.98

Silicon Carbide Hot Surface Igniters

- Works with 15, 17 or 45 second HSI systems
- AGA design certified & CGA certified



767A-361



767A-371

Part #	Lead Length	Ceramic Insulator Mounting Location	Electrical Connection	Price
767A-361	9"	Tab on Right Side	2 Terminal Receptacle w/ 093 Male Pins	43.98
767A-370	5-1/4"	Amp Connection	200°C	43.98
767A-371	19-1/8"	Stripped Ends	200°C	43.98
767A-373	5-1/4"	Connector	200°C	41.98

Integrated Furnace Controls

50A55 Universal Silicon Carbide Integrated Furnace Controls

- Includes flash code diagnostics
- Replaces 50A50-XXX and 50A55-XXX controls
- Fused to protect low voltage system transformers
- Includes mounting hole template
- Adjustable blower relay



Part #	Prepurge	Delay Heat ON	Delay Heat OFF	Delay Cool ON	Delay Cool OFF	Price
50A55-843	30 Sec	30/45	60/90/120/180	5	45/90	175.98

50A65-843 Universal Nitride Ignition Integrated Furnace Controls

- Controls gas valve, igniter, blower, inducer, humidifier and air cleaner
- Replaces OEM, Trane, York, ICP and Amana models
- Includes flash code diagnostics
- Replaces 50A65-120, -143, -288, -474, -475 controls
- Replaceable 3 amp fuse
- 60 minute auto reset
- Single channel flame sense



Part #	Prepurge	Delay Heat ON	Delay Heat OFF	Delay Cool ON	Delay Cool OFF	Price
50A65-843	30 Sec	30/45	60/90/120/180	5	45/90	195.98

Gas Burner Controls

36E Redundant Gas Valves

- Poppet style manual valve & keyed wiring
- Conical inlet & outlet screens protect from pipe damage
- Direct acting solenoid valve with high sealing force
- May be mounted horizontal, vertical & 90° from horizontal
- 1/2" x 3/4" inlet/outlet size
- 24 VAC, 60 Hz
- 140,000 standard & 210,000 total reg capacity
- All valves have pilot filter, adjustable pilot pressure & manual shut-off valve
- Includes reducer bushing kit, inlet pressure tap & side taps



36E36

Part #	Electrical Connection	Regulator Setting	Step Opening	Gas Type	System Usage	Price
36E36-304	(3) 1/4" Spade Terminals	3.5" WC	Fast Open No Step	NG & LP	Proven Pilot, HSI & DSI	157.98
36E98-304	(3) 1/4" Spade Terminals	3.5" WC	Slow Open No Step	NG	Proven Pilot, HSI & DSI	157.98

Controls

36C Standing Pilot Gas Valves



- Valve may be mounted in any position except upside down
- Gas cock knob, pilot adjust screw & regulator adjustment are on top of control
- Easy-grip pipe boss simplifies installation
- Use w/thermocouples
- Natural gas, includes LP conversion kit & reducer bushing kit

Part #	Coil Voltage	Inlet/Outlet Size	Capacity AGA Standard Gas	Side Taps	Price
36C03-300	24 VAC, 60 Hz	1/2" x 3/4"	230,000	No	99.98
36C03-333	24 VAC, 60 Hz	1/2" x 3/4"	230,000	Yes	111.98
36C03-400	24 VAC, 60 Hz	3/4" x 3/4"	280,000	No	121.98
36C03U-333	750 mV	1/2" x 3/4"	250,000	Yes	161.98

36H Combination Gas Control Valves



36H32-423 Shown

- For use with intermittent ignition systems
- Electrical shut-off
- Quick-Connect terminals (1/4")
- Adjustable regulator
- Natural gas, includes LP conversion kit

Part #	Coil Voltage	Inlet/Outlet Size	Capacity AGA Standard Gas	Opening Characteristic	Price
36H32-304	24 VAC, 50/60 Hz	1/2" x 3/4"	300,000	Fast Open	156.98
36H33-412	24 VAC, 50/60 Hz	3/4" x 3/4"	300,000	Slow Open	163.76

Cycle-Pilot® Retrofit Kits



- Eliminates gas wasted by a standing pilot
- Eliminates pilot outage problems due to occasional drafts
- Uses existing pilot burner & wiring
- -40 - 175°F ambient operating range

Part #	Coil Voltage 60Hz	Electrical Rating	Inlet/ Outlet Size	Cap AGA Standard Gas	Gas Type	Description	Price
21D18-15	24 VAC	0.61 amps	3/4" x 3/4"	335,000	LP Only	Reg Set @ 11" WC	359.98

"Cushioned Power" Solenoid Valves



2509-256

- For use on all types of gas burners, all gas types
- Resilient-mounted coil, sound-deadening cover, compression spring closing & soft seat construction
- Without plug-in pilot

Part #	Use w/Mercury Flame Sensor	Electrical Connections	Flame Sensor Socket Location	Price
2509-254	24 VAC	1/2" x 1/2"	329,000	Spec Ord

Controls

Mercury Flame Sensors in Cycle Pilot Applications

- For proving pilot flame & controlling main valve in cycle pilot applications
- Bulb styles are designed to fit w/various OEM applications
- Adapter fittings to allow use of these mercury flame sensors w/competitive burners are packed w/controls identified w/an *
- Maximum temperature 1450°F at bulb tip


3049-64

Part #		Element Length	Bulb Style	Description	Price
3098-134	Plug-In Type	48"	#19	Replaces Style #9 or #13, Adapter Ftgs Incl	173.98

250/750 Millivolt Power Generators

- Provides power for 250/750mV self-generation control systems



Part #	Description	Price
G01A-332	750mV w/36" Leads (Armored Cable) & PG9 Adapter	55.08

Safety Pilots

- Used w/stud-mount mercury flame sensors
- Same body dimensions & mounting holes as the 3007 series differential expansion pilots


30A07-1

Part #	Description	Price
30A07-1	Replaces the 3007-1 Pilot Burner	59.98
30A07-6	Replaces the 3007-6 Pilot Burner	77.98
30A07-31	Replaces the 3007-31 Pilot Burner	59.98

Pilot Relite Controls

- Ignition control generates spark pulses to ignite pilot gas
- AGA design certified & CGA certified



Part #	Input Volts	Electric Rating	Description	Price
5059-23	24 VAC	0.03A	Spark Plug & 1/4" Spade Connection	125.98

A-1 Pilot Reigniters

- Designed to prevent the pilot flame from extinguishing
- Automatic, trouble free
- For LPG, natural gas, etc.



Part #	Input Volts	Description	Price
PR-24/120-36W	24/120 VAC	Includes Hardware Kit, Cable and Module	59.38

Oil Burner Controls

668 Series Kwik-Sensor Cad Cell Relays

- 120 VAC, 60 Hz standard input voltage
- 24 VAC control voltage
- 45 second safety timing
- 2-wire thermostat
- 0.4A anticipator setting
- 10" useable leads, mounts to 4" x 4" junction box



668-401



668-451

Part #	Safety Lock-Out Light	Manual Lock-Out Lever	Integral Transformer	Time Start Fan Switch	Price
668-401	No	No	No	No	109.98
668-451	No	No	40VA	C-W	183.98

Flame Detector

- Solid state electronic flame detector

956-154



Part #	Description	Price
956-1	Standard Flame Detector w/Straight Bracket & 48-1/2' Leads	21.98
956-154	Universal Flame Detector w/6 Brackets & 60" Leads	27.98

Hydronic Controls

Adjustable Indoor-Outdoor Control

- Fully adjustable reset ratio covers all climate conditions & eliminates stocking controls w/different reset ratios
- Well-insertion bulb monitors boiler water temperature, outdoor bulb monitors outdoor temperature
- Easy to wire screw terminals
- 1/2" pipe thread



Part #	Differential	Full Switch Action	Motor Elec Rating	Rating Full Load	Price
1050-1	Fixed 10°F	Open on Rise	120 VAC: 14.0A	240 VAC: 7.0A	531.98

Dual Purpose Air Switch

- Responds to positive, negative or differential air pressure
- Wide operating range
- Furnished w/one 1/4" OD x 6" piece flexible tubing, nuts & ferrules



Part #	Operating Range	Switch Action	--Resistive (Non-Inductive)-- 120 VAC	240 VAC	277 VAC	Price
770-1	0.07 to 12.0 WC	SPDT	15.0A	15.0A	15.0A	63.98

Controls

Warm Air Controls

Flush Mount Fan or Limit Controls



- Hydraulic action element can be bent to any position
- Temperature dial calibrated in °F & °C & can be adjusted through cover
- Differential remains constant through entire range of control

Part #	Temp Range	Differential	Switching	Price
758-1	110 - 200°F	25°F	Open on Rise	55.98

Fan & Limit Controls for Universal Replacement



- Slotted mounting holes for easy installation
- Long terminal screws for wiring
- Limit switch has universal contact structure & can handle 240 VAC
- Limit switch has adjustable stop to limit maximum setting

Part #	Element Length	Temp Range	Differential	Switching	Price
5D51-35	5"	Fan: 50 - 265°F Limit: 100 - 300°F	Adj 15°F Fixed 25°F	Close on Rise Open on Rise	99.98
5D51-90	8"	Fan: 50 - 265°F Limit: 100 - 300°F	Adj 15°F Fixed 25°F	Close on Rise Open on Rise	102.02
5D51-78	11"	Fan: 50 - 265°F Limit: 100 - 300°F	Adj 15°F Fixed 25°F	Close on Rise Open on Rise	99.98

Snap Disc Controls

- Adjustable snap disc thermostat allows setting temperature sel point to match specific needs
- 1/4" quick contact terminals are standard

Snap Disc Fan Controls - Adjustable



- Includes thermostat & tab-to-screw terminals
- 3/4" SPST Flanged airstream mount
- Auto reset

Part #	Temp Range	Differential	Switching	Function	Price
3F05-1	90 - 130°F	20°F	SPST	Close on Rise	29.98

Snap Disc Limit Controls - Adjustable



Part #	Temp Range	Differential	Switching	Function	Price
3L05-1	135 - 175°F	40°F	SPST	Open on Rise	29.98
3L05-2	175 - 215°F	40°F	SPST	Open on Rise	29.98
3L05-5	175 - 215°F	40°F	SPST	Open on Rise	33.98

* Also includes adapter bracket & mounting screws

Controls

Snap Disc Fan Controls



- Types for regulation of fan or blower or for high limit safety control
- Mounting holes match standard 3/4" snap discs
- Tab-to-screw terminal adapters furnished

Part #	Fixed Temp Cut-In	Fixed Temp Cut-Out	Switching	Price
3F01-110	110°F (43°C)	90°F (32°C)	Close on Rise	11.98
3F01-120	120°F (49°C)	110°F (43°C)	Close on Rise	11.98
3F01-130	130°F (54°C)	115°F (46°C)	Close on Rise	11.98
3F01-140	140°F (60°C)	120°F (49°C)	Close on Rise	Spec Ord
3F01-150	150°F (66°C)	130°F (54°C)	Close on Rise	11.98
3F01-160	160°F (71°C)	140°F (60°C)	Close on Rise	11.98
3F01-180	180°F (82°C)	160°F (71°C)	Close on Rise	11.98

Snap Disc Limit Controls



Part #	Fixed Temp Cut-In	Fixed Temp Cut-Out	Switching	Price
3L01-120	110°F (43°C)	120°F (49°C)	Open on Rise	11.98
3L01-130	115°F (46°C)	130°F (54°C)	Open on Rise	11.98
3L01-140	100°F (38°C)	140°F (60°C)	Open on Rise	11.98
3L01-150	110°F (43°C)	150°F (66°C)	Open on Rise	11.98
3L01-165	125°F (52°C)	165°F (74°C)	Open on Rise	11.98
3L01-170	130°F (54°C)	170°F (77°C)	Open on Rise	11.98
3L01-180	140°F (60°C)	180°F (82°C)	Open on Rise	11.98
3L01-190	150°F (66°C)	190°F (88°C)	Open on Rise	11.98
3L01-200	160°F (71°C)	200°F (93°C)	Open on Rise	11.98
3L01-230	190°F (88°C)	230°F (110°C)	Open on Rise	11.98
3L01-250	210°F (99°C)	250°F (121°C)	Open on Rise	11.98
3L01-300	250°F (121°C)	300°F (149°C)	Open on Rise	11.98
3L01-350	310°F (154°C)	350°F (177°C)	Open on Rise	11.98

Snap Disc Limit Controls - Manual Reset



Part #	Fixed Temp Cut-In	Fixed Temp Cut-Out	Switching	Price
3L02-160	Manual Reset	160°F (71°C)	Open on Rise	17.98
3L02-170	Manual Reset	170°F (77°C)	Open on Rise	17.98
3L02-200	Manual Reset	200°F (93°C)	Open on Rise	17.98

SPDT Controls

Part #	Terminal 1 & 3 Cut-Out	Terminal 1 & 2 Cut-In	Cut-In	Switch Cut-Out	Action	Price
3L03-190	190°F (88°C)	170°F (77°C)	190°F (88°C)	170°F (77°C)	SPDT	17.98

Honeywell Controls

Temperature Sensors

Outdoor Sensors



- Senses outdoor temperature for display

Part #	Description	Price
C7089U1006	Vision Pro Outdoor Sensor	39.98

Remote Indoor Sensor



- Mounts in living space up to 200' away from W8900 remote module

Part #	Description	Price
C7189U1005	Vision Pro Indoor Sensor	47.08

Combination Gas Controls

VR8345 Universal Electronic Ignition



- For use with direct spark ignition, HSI or intermittent pilot ignition in 24 VAC, gas-fired appliances, w/capacities from 30 to 415 cfh
- Control includes manual valve, two automatic operators, pressure regulator, pilot adjustment, pilot plug & ignition adapter
- For use with natural or manufactured gas or LP gas
- 4" swing radius allows easy rotation into position inside the tightest furnace vestibules

Part #	Description	Price
VR8345M4302	IP, DSI, HSI Gas Valve	172.38

Gas Ignition Controls

S8610U Universal Intermittent Pilot Module



- Provides electronic control of most intermittent pilot ignition systems used on gas-fired furnaces, boilers & other heating appliances
- For use in systems w/combination igniter-sensor (single rod or dual rod sense)
- 100% pilot gas shutoff & lockout on loss of pilot flame
- Includes relay contacts
- Honeywell VR8204, VR8304 or VR8345M combination gas control recommended
- Includes spark cable adapters to allow field replacement of both Honeywell & competitive controls without replacing existing spark cable
- Includes remote reset & automatic vent damper plug

Part #	Description	Price
S8610U3009	Nat'l or LP Gas, 90 Second Trial for Ignition, 5 Minute Wait	188.86

S8910U Universal Hot Surface Ignition Module



- Provides operating control of a direct ignition system using 120 VAC hot surface igniter
- Replaces most hot surface ignition modules manufactured by Honeywell, Robertshaw & White-Rodgers
- For local (single rod) or remote (dual rod) rectification type flame sensing
- For use only in 60 Hz systems
- Built-in LED diagnostics

Part #	Description	Price
S8910U1000	4 Sec/7 Sec Ignition Trial Time	192.22

Pilot Burners

Q314 Pilot Burners



- Nonprimary-aerated, insert orifice-type, for main burner ignition w/Q340 or Q390 thermocouple for pilotstat safety control operation
- Use with Q313 Thermopile generator for 750mV powerpile applications
- For natural or LP gas equipment

Part #	Description	Price
Q314A3547	A Bracket, .018 Orifice, 1/4" Ftg, L Tip, Unassembled	34.30
Q314A4586	B Bracket, .018 Orifice, 1/4" Ftg, F Tip, w/Extra .010 Orifice, Unassembled	38.80

Honeywell Controls

Pilot Burner Orifices

Part #	Description	Price
390686-1	0.010 LP Standing Pilot Orifice	7.26
390686-4	0.018 Nat Standing Pilot Orifice	Spec Ord
390686-5	0.020 Nat Spark Ignition Orifice	Spec Ord

Thermocouples - Universal 30 mV

- 60 Second drop out



Part #	Description	Price
Q340A1074	24" Lead	11.58
Q340A1082	30" Lead	11.86
Q340A1090	36" Lead	12.12
Q340A1108	42" Lead	14.56

Aquastat® Relays

- 24V thermostat required
- Models include special terminals for adding remote, low limit temperature control
- L8148E,J have terminals for adding zone valve system wiring
- L8148E models are available with plug for connecting Aquastat Relay directly to D892/M892 Vent Dampers
- All devices include transformer to provide power for the low voltage control circuit



Part #	Description	Price
L8148A1017	120V Burner/Valve Circuit, Horizontal Mount	251.72
L8148J1009	24V Burner/Valve Circuit, Horizontal or Vertical Mount	286.18

Fan & Limit Controls

L4064W Combination Fan & Limit Furnace Control

- Time assist closes fan opens limit circuit on temperature rise
- 200°F stop factory-set high limit; fan on 20 - 90 sec after call to heat, 50-200°F fan off; 100-250°F high limit range 25°F fixed high limit differential
- Includes jumper
- Surface or rigid bracket mounting
- Two leadwires with 1/4" male flag terminals attached, two 1/4" female quick-connect terminals f/low volt heater terminal connections, four add-on screw terminals, two jumpers for line voltage fan & limit interconnect



Part #	Description	Price
L4064W1080	5" Element	182.16
L4064W1098	8" Element	182.16
L4064W1106	11-1/2" Element	182.16

General Purpose Fan Relays

- Controls line voltage fan motors & auxiliary circuits in heating, cooling or heating/cooling systems
- Integral 1/2" conduit spud fitting f/mounting on junction box
- Color-coded leadwires for easier wiring
- 24V, 60 Hz



Part #	Description	Price
R8225A1017	SPDT, 1 N.O, 1 N.C., Spud Mount, Black to Brown & Red, Blue to Blue	68.88

2-J's Commitment to You:

Quality Products
+ Exceptional Service
+ Competitive Prices
= 2-J Value

Honeywell Controls

Oil Burner Controls

V4046A Magnetic Delayed Oil Valves

- For ON-OFF control of oil flow to domestic oil burner equipment
- Power interruption closes the valve immediately
- Mount directly in pipe line or on support bracket
- 5 to 35 gph oil flow, 1/8" pipe size, .115 amps
- With integral thermistor to delay valve opening 3 to 8 seconds to allow burner fan to reach operating speed before discharging oil; 120V, 60 Hz; 36" leadwires



Part #	Description	Price
V4046A1058	150 psi, 0.078" Orifice Magnetic Valve	91.14

Protectorelay® Controls

- One-piece, stack-mounted oil burner primary controls cycle burner on & shut down burner on flame loss or system malfunction
- 2- or 3-wire, includes manual trip safety switch lever
- Flame or power failure is followed by a 1 min scavenging period, then one attempt to re-establish flame, lockout occurs if not re-established



Part #	Description	Price
RA117A1047	550VA, Interrupted Ignition Protectorelay	253.68

R8330 Electric Furnace Sequencer

- One control switches a fan & up to three elements on & off in sequence plus isolated fan switch plus auxiliary switch
- 3 stages, 4 switches
- Includes mounting hardware, terminal adapter, replacement quick-connects, jumper leadwires



Part #	Description	Price
R8330D1039	Bi-Metal Actuated; Controls 3 Heat Elements, Fan, Aux Switch	169.50

Flame Detector Cad Cell

Part #	Description	Price
130367	Plug-In Cad Cell	28.58

Sail Switch

- Used in forced air systems to activate electronic air cleaners, humidifiers or other auxiliary equipment in response to airflow from system fan



Part #	Description	Price
S688A1007	Sail Switch	81.48

Humidity Controllers

- Mount in return air duct of a forced air heating system to control a central humidifier or dehumidifier
- External knob on front of case provides control point adjustment
- Humidity sensing element is moisture-resistant nylon ribbon wound around three bobbins
- SPST, Contacts break on RH rise to setpoint, make on fall to setpoint minus differential
- Push-in terminals



Part #	Description	Price
H49B1017	Sail Switch/Humidistat Combo	115.98

Steveco® Contactors / Relays / Fan & Limit / Transformers

Steveco® Contactors

1 Pole Definite Purpose Contactors With Bus Bar

WR/RBM Type 121



- Straight-through wiring, replaces 1-1/2 pole devices used primarily in residential central air conditioning
- Universal style mounting bracket fits existing mounting holes
- Screw terminals & 1/4" quick connect terminals

Note: 30 Amp models have no cover on top; 40 Amp models have cover on top

Part #	Amps	Voltage AC	Price
94-388	30	24	15.98

2 Pole Definite Purpose Contactors

WR/RBM Type 122

- Designed for A/C & Heating
- Low VA coil for cooler operation & increased life
- Universal mounting bracket fits existing mounting holes
- Double break contacts ensure positive make & break
- Screw terminals or pressure connectors & double 1/4" quick connect provided on all models



90-244

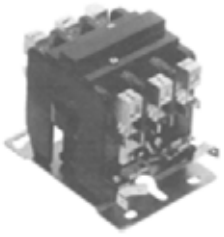
Note: 30 Amp models have no cover on top; 40 Amp models have cover on top

Part #	Amps	Voltage AC	Price
90-244	30	24	13.58
90-245	30	120	15.98
90-246	30	208/240	15.98
90-247	40	24	29.98

3 Pole Definite Purpose Contactors

WR/RBM Type 154

- 600V 3-pole normally open
- Any position mounting
- Low wattage coil
- Double break contacts ensure positive make & break
- Mechanical life (no load): conforms to UL & ARI specifications
- Frequency: 50/60 Hz



Part #	Amps	Voltage AC	Price
90-170	40	24	34.78
90-172	40	208/240	34.78

Steveco® Relays

Enclosed Fan Relays

WR/RBM Type 184 Heavy Duty General Purpose Relay Operates in Any Position



- Compact, totally enclosed design
- For heating & cooling applications and general switching
- Quiet, reliable & economical

Part #	Type	Voltage AC	Price
90-380	SPNO/SPNC	24 (50/60 Hz)	13.98

WR/RBM Type 84

- Totally enclosed
- Used for switching single or two speed fan motors, solenoids, relays, resistive loads & general purpose switching
- Mechanical life (no load): 1,000,000 operations, 60/minute
- Frequency: 50/60 Hz
- Temp range: -40° - 150°F
- SPNO - Single pole normally open
- SPDT - Single pole double throw



Part #	Type	Coil Voltage (50/60 Hz)	Price
90-290Q	SPNO	24	12.78
90-291Q	SPNO	120	13.98
90-292Q	SPNO	208/240	13.98
90-293Q	SPDT	24	13.78
90-295Q	SPDT	208/240	17.98

WR/RBM Type 84 Heavy Duty

- Heavy duty, general purpose, totally enclosed
- Operates in any position, plugs into receptacles
- For air conditioning, heating, appliances, fan control, general purpose switching
- Mechanical life (no load): 1,000,000 operations, 30/minute
- Frequency: 50/60 Hz
- Temp range: -40°F - 150°F
- SPNO/SPNC - Isolated contacts
- SPDT - Single pole double throw



Part #	Type	Coil Voltage (50/60 Hz)	Price
90-370	SPDT	24	13.98

Steveco® Contactors / Relays / Fan & Limit / Transformers

Switching Relays

Two Pole WR/RBM Type 91

- Two pole double throw semi-enclosed relay
- For power or pilot duty, for vending machines, appliances, fan controls, heating & air conditioning applications and general purpose switching
- Mechanical life (no load): 750,000 operations
- Frequency: 50/60 Hz
- Fits receptacles
- Temp range: -40°F - 130°F



Part #	Type	Coil Voltage (50/60 Hz)	Price
90-340	2PDT	24 **	11.98
90-341	2PDT	115/120	17.98
90-342	2PDT	208/240	17.98

** Fan Control Center Replacement Relay

Steveco® Fan Control Centers

- Transformer & relay combination for easy installation on a 4x4 junction box
- Line voltage connections are pre-wired
- Energy limiting class II transformer design
- Primary connection - Color coded pre-stripped leads
- Secondary connection - Terminal board with 5 screw terminals

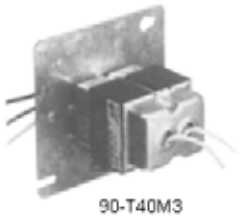


Part #	Description	Price
90-113	Primary 120 VAC, 60 Hz, Secondary 24V 40 VA, SPDT	33.98

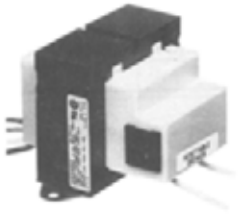
Steveco® Transformers

24 Volt Secondary Class 2 Transformers - Energy Limiting

- Color coded primary leads



90-T40M3



90-T75C3

Multi-Mount (Closed Construction) Universal Mounting with Plate

Part #	VA	Hz	Primary	Price
90-T40M1	40	60	120V	15.98
90-T40M3	40	60	120/208/240V	17.78

Foot-Mount (Manual Reset, Open Construction)

Part #	VA	Hz	Primary	Price
90-T75C3	75	50/60	120/208/240V	55.98

Cam-Stats

Fan & Limit Controls

Cam-Stat® FALTS Series Fan & Limit



- Turns the blower on & off as a function of time & temperature
- Includes limit portion for safe operation of furnace
- Adjustable fan off temp & limit temp settings
- Includes a "Heat Assist" circuit to provide a timed blower on function

Part #	Mfg #	Element Length	Price
F560	FALTS-57C-05T-120-A	7"	137.84
F591	FALTS-57C-13BT-120-A	7" SPDT	106.46

Cam-Stat® FAL Series Fan & Limit



- Turns the blower on and off as a function of temperature.
- Includes limit portion for safe operation of furnace
- Adjustable fan off temp setting
- Adjustable fan differential
- Adjustable limit temp setting

Part #	Mfg #	Element Length	Price
F558	FAL3C-05TD-120A	3"	80.92
F559	FAL7C-05TD-120A	7"	75.08

Cam-Stat® FA47TS Series Fan Controls



- Turns the blower on and off as a function of time & temperature
- Adjustable fan off temperature setting
- Includes "Heat Assist" circuit to provide a timed blower on function

Part #	Mfg #	Element Length	Price
F566	FA47TS3-110	3"	101.26
F567	FA47TS7-110	7"	66.70

Cam-Stat® F214 Series Fan Controls



- Turns the blower on and off as a function of temperature
- Adjustable fan off temperature setting
- Adjustable fan differential

Part #	Mfg #	Extension Width	Length	Price
F562	F214-12A-140-25C	1-1/16"	3"	57.18
F563	F214-13A-140-25C	1-1/16"	7"	64.96

Cam-Stat® L59 Series Limit Controls



- Safety device which cycles the blower & gas valve in case the fan control device fails
- Adjustable limit temp setting
- SPDT switching action

Part #	Mfg #	Extension Length	Price
F568	L59-3B-A	3"	36.00
F569	L59-7B-A	7"	38.40

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Your Partner Company

Thermostats

Non Programmable Low Voltage Thermostats

Economy Mechanical Non-Programmable Thermostats

- Bi-metal thermometer
- Snap action contacts
- Adjustable heat anticipator
- Temp range: 50 - 90°F
- Classic white color



1C20-101 1C26-101

Part #	Description	Price
1C20-101	(1) Heat Only, Vertical	19.98
1C26-101	(1,2) Heat/Cool Switching, Vertical	25.98

(1) Includes F61-2499 wall mounting plate to cover marks left by previous thermostat

(2) Includes optional "A" terminal connection for electric heat systems that require the thermostat to energize the blower (G terminal) on a call for heat

Non-Programmable Mercury-Free Universal Mechanical Replacement Thermostats

- Enclosed contacts for increased reliability and accuracy
- Same size as older models, updated styling
- 5-Year warranty



Part #	Description	Price
1E30N-910	Vertical Heat Only	45.98
1E56N-444	Vertical Heat/Cool, 3-Wire Zone Mounting Plate Included	43.98
1F56N-444	Horizontal Heat/Cool, 3-Wire Zone Mounting Plate Included	43.98

90 Series™ Blue Digital Touchscreen Thermostats

- Universal - choice of 7 day, 5/1/1 day programmable or non-programmable applications
- Large 12" Blue lit touchscreen controls
- Permanent memory
- Auto changeover
- Keypad lockout
- Audible feedback
- Furnace filter & humidifier change reminder
- ENERGY STAR® rated
- B & O terminals
- Classic white color
- 5-Year warranty



Gas, Oil, Electric, Millivolt & Heat Pump Compatible

- Universal program
- Battery/hardwired
- 3-Wire zone valve
- Remote sensing indoor or outdoor

Part #	Description	Price
1F97-1271	Sgl Stg	224.00

Blue Digital Themostats with added features:

- Remote sensing indoor/outdoor
- Programmable fan
- Circulator fan cycling
- Automatic daylight savings option
- Dual-fuel heat pump control (1F95-1277)
- Patented Cool Savings
- Enhanced security settings
- 3-Wire zone valve

Part #	Description	Price
1F97-1277	Sgl Stg	243.98
1F95-1277	Up to 3 Heat/2 Cool	271.98
1F95-1291	Big Blue Humidity, Up to 4 Heat/2 Cool	299.98

Thermostats

90 Series™ Premium Thermostats

- Selectable automatic heat/cool system changeover
- Large Comfort-View™ luminescent display
- Permanent program retention during power loss
- Configuration menu allows keypad selection of options
- Programmable blower control & blower delay timings
- Selectable Energy Management Recovery (EMR)
- Keypad lockout
- Digital-signal remote sense capable
- Cool-Off-Heat-Auto system switches
- Auto - On fan switch
- 4-1/8"H x 6-7/8"W x 1-3/8"D
- Classic white color



Staging - Heat Pump, Gas, Oil, Electric Compatible

- Outdoor remote sensor

Part #	Description	Price
1F93-380	Universal/Commercial 7-Day, Occ/Unocc 2 H/2 C, 3 H/2 C in Heat Pump Mode, Hardwired	295.98

Remote Sensors For 90 Series™

- Digital signal output provides superior temperature control, even over long wire runs
- No temperature variance caused by wire resistance
- Choice of styling, indoor models are interchangeable
- Perfect for securing the thermostat in one area or room while sensing temperature in the conditioned space
- 2-1/2" x 3-1/2" x 3/4"
- Classic white



F145-1328



F145-1378

Part #	Description		Price
F145-1328	Indoor	40 to 99°F	59.98
F145-1378	Outdoor	-40° to 140°F	59.98
F145-1049	Sensor Remote for 1F95-71		49.98

80 Series™ Blue Digital Thermostats

- Large, 4" square blue touchscreen display
- Cool Savings™ feature
- Heat-Off-Cool Auto system switches
- Auto-On fan switches
- Auto changeover
- Permanent program retention during power loss
- O & B terminals
- 5-Year warranty



80 Series™ Blue Digital Single Stage Thermostats

- 3-Wire zone valve
- Millivolt compatible
- Battery or hardwired
- 3.5"H x 4.5"W x 1.1"D

Part #	Description		Price
1F80-0471	5+1+1, 5+2 ,0	Energy Star	115.98
1F86-0471	Non-Prog	Energy Star	85.98

80 Series™ Blue Digital Universal Thermostats

- Single-stage, Multi-stage 2/Heat 2/Cool, Heat pump
- 3-Wire zone valve
- Millivolt compatible
- Battery or hardwired
- 5.1"W x 3.9"H x 1.2"D
- 5-Year warranty



Part #	Description		Price
1F83-0471	Non-Prog, 3 H/2 C in HP Mode		121.98
1F85-0471	5+1+1, 5+2 ,0 3 H/2 C in HP Mode	Energy Star	157.98

Thermostats

80 Series™ Standard Digital Thermostats

- Heat-Off-Cool Auto system switches
- Auto-On fan switches
- Auto changeover
- Permanent program retention during power loss
- Configuration menu allows keypad selection of options
- Meets ENERGY STAR® specifications
- O & B terminals
- 3-3/4"H x 6"W x 1-1/4"D
- Classic White color



Universal Gas, Oil, Electric, Heat Pump & Millivolt Compatible

Part #	Description		Price
1F83-277	Non-Prog	2 Heat/2 Cool, Keypad L/O Battery/Hardwired	91.98
1F85-277	7 Day	2 Heat/2 Cool, Keypad L/O Battery/Hardwired	121.98

Gas, Oil, Electric, Millivolt Compatible

Part #	Description		Price
1F80-361	5+1+1	Sgl Stg, Battery/Hardwired	95.98
1F87-361	7 Day	Sgl Stg, Battery/Hardwired	121.98
1F86-344	Non-Prog	Sgl Stg, Battery/Hardwired	67.98

Heat Pump Compatible

Part #	Description		Price
1F82-261	5+1+1	2 Heat/1 Cool, Hardwired	109.98
1F89-211	Non-Prog	2 Heat/1 Cool, Hardwired	85.98

Comfort-Set® 70 Thermostats

- Electronic accuracy
- Hardwired models w/battery backup
- Large LCD w/backlit display
- Selectable Celsius or Fahrenheit temperature display
- Includes B/O Terminals
- Covers wall marks left by most mechanical thermostats
- 3-3/4"H x 5-1/8"W x 1-1/8"D
- Classic White color



1F79-111

Heat Pump Thermostats

Part #	Description		Price
1F79-111	Non-Prog	2 Heat/1 Cool, Hardwired	73.98

Gas, Oil, Electric, Heat Pump & Millivolt Compatible

Part #	Description		Price
1F78-144	Non-Prog	Sgl Stg, Battery	55.98

Light Duty Line Voltage Thermostat

- For direct control of fan coils, fans, motor starters, circulator motors, contactors, valves for heating, cooling or SPDT applications
- Two dial stops for setting a maximum or minimum temperature
- Mounts on 2" x 4" electrical box
- Set point locking feature
- Vertical or horizontal mounting
- 125VA pilot duty, 120V or 240/277V
- Beige



Part #	Description	Price
1A10-651	8 Amp @ 120V, 4 Amp @ 240/277V	93.98

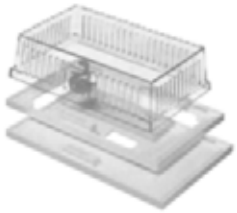
Thermostats

Thermostat Guards - Clear Plastic

- F29-0198 will accept all White Rodgers thermostats
- Furnished w/2 keys
- Furnished w/a ring &/or solid wall mounting plate
- Can be mounted vertically or horizontally



F29-0198



F29-0231

Part #	Horizontal (Ring) Inside Dimensions L x H x D (in)	Horizontal (Solid) Inside Dimensions L x H x D (in)	Price
F29-0143	6-3/8 x 3-1/2 x 3-1/4	6-3/8 x 3-1/2 x 3	31.98
F29-0198	8-1/8 x 4-5/8 x 3-5/8	8-1/4 x 5-3/8 x 3-1/2	29.98
F29-0227	5-1/4 x 4-5/8 x 3-1/4	5-1/4 x 4-5/8 x 3	29.98
F29-0231	7-1/16 x 4-1/8 x 2-1/4	7-5/8 x 4-1/4 x 2-1/8	31.98

Thermostat Guards - Metal

- F29-0222 will accept all White Rodgers thermostats
- Furnished w/2 keys
- Tamper-resistant design
- Can be mounted vertically or horizontally



F29-0193



F29-022

Part #		Dimensions L x H x D (in)	Price
F29-0192	Solid Base	6-1/4 x 4-3/4 x 3 *	43.98
F29-0222	Ring Base	6-5/8 x 4-1/2 x 3-3/8	43.98

* **Hinged Cover**

Thermostat Guard Tumbler Key

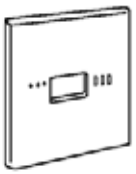
BRAMEC®



Part #	Description	Price
STAT KEY	Fits all T'stat Guards - New Design	2.46

Room Thermostats Accessories

Wall Coverplates



Part #	Description	Price
F61-2300	For 1F90 & 1F70 Series Thermostats * 5-1/2"H x 7-1/4"W, White	19.98
F61-2500	For Comfort-Set 80 Thermostats, 4-5/8"H x 7-5/8"W, Beige	13.98

***Includes adapter for mounting to vertical junction box**

24/7/365

Emergency Services

Available at 2-J

We Stand Beside You
To Support Your Customers

Thermostats

Electromechanical Programmable Thermostats

VisionPRO 8000 Touch-Screen Programmable Thermostats



- Large backlit on-screen menu
- Ability to select multiple days
- Real-time clock
- Armchair programming—allows you to remove thermostat from wall to set the schedule
- Change reminders—reminds you to service or replace the air filter, humidifier pad, ultraviolet lamp or thermostat batteries
- Auto or manual changeover
- Dual power, battery or 24 VAC hard wired
- Premier White®

Part #	Description	Price
TH8320U1008	7 Day Programmable, 3 Heat/2 Cool	280.46

Electronic Programmable Thermostats

FocusPRO™ 6000 Programmable Thermostats



- Large, Clear, Backlit Display
- Soft-key controls
- Simultaneously displays both room temperature & temperature setting
- Flip-out door for easy battery replacement
- Programmable to save up to 33% on annual heating/cooling costs
- Battery or hardwired

Part #	Description	Price
TH6110D1021	5-1-1 or 5-2 Programmable Heat/Cool	109.20

Electronic Non-Programmable Thermostats

T8775C The Digital Round™ Non-Programmable Thermostat



- Large easy-to-read, backlit display
- 5-minute compressor bypass
- Manual changeover
- Fan switching

Part #	Description	Price
T8775C1005	24V Single Stage Heat/Cool	79.52

Electromechanical Non-Programmable Thermostats

Q539 Thermostat Subbases



- Provide system & fan switching & mounting for T87F Thermostats
- Cooling anticipator & letter-coded screw terminals for electrical connections
- Mount on wall or outlet box using optional 6" cover ring or adapter plate assembly
- Electrical Ratings: 2A at 24 VAC
- Taupe

Part #	Description	Price
Q539A1014	COOL-OFF-HEAT	23.98
Q539C1020	COOL-OFF	25.98

T87F/Q539 Accessories

Part #	Description	Price
129044A	Taupe Mount Adapter Kit Includes 6" Cover Ring, Adapter Ring & Screws	13.98

Thermostats

T498 Electric Heat Line Voltage Thermostats



- Line voltage control of electric heating systems
- Bi-metal element type
- 6" color-coded leads
- Micro Switch™ mechanism, makes on temperature fall
- 40° - 80°F setpoint range
- Classic styling, brushed gold finish
- Rugged, plastic mounting base mounts on standard 2 x 4" outlet box or 4 x 4" junction box
- 4-9/16"(H) x 2-7/8"(W) x 1-15/16"(D)

Part #	Description	Price
T498A1810	SPST, Standard Model Less Thermometer	43.68

FocusPRO® 5000 Non-Programmable



- Electronic Control of 24 VAC, Single-Stage Heating & Cooling Systems or 750 mV Heating Systems
- Clear, backlit display in large or standard screen
- Soft-key, simplified controls
- Displays both room temperature & temperature setting
- Easy change battery holder
- Built-in compressor protection

Part #	Description	Price
TH5110D1022	Large Screen, 1 Heat/1 Cool	82.96
TH5220D1003	Standard Screen, Up to 2 Heat/2 Cool Conventional, 2 Heat/1 Cool in Heat Pump Mode	103.98

Thermostat Accessories

Part #	Description	Price
104994A	Calibration Wrench For T87, T8090, T8095	5.30

VisionPRO® IAQ Total Home Comfort System



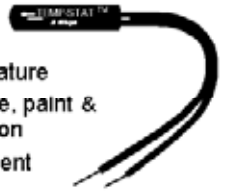
- Provides control of temperature, humidification, dehumidification and ventilation with touchscreen interaction
- Up to 2 Heat/2 Cool stages convention, up to 4 Heat/2 Cool in Heat Pump mode
- Selectable auto or manual changeover
- Large, clear display with backlight shows the current and set temperature
- Common wire powering
- Manual or auto changeover selectable
- Real-time clock keeps time during power failures and automatically updates to daylight savings
- Change/check reminders for servicing/replacing filters
- Controls dehumidification using air conditioner with high or low speed fan or a whole house dehumidifier
- Controls ventilation with other HRV, ERV or fresh air damper
- Advanced heat pump control features balance point plus 2°F drop

Part #	Includes:	Price
YTH9421C1002	TH9421C1004 VisionPro IAQ Thermostat, THM5421C1008 Equipment Interface Module	370.88

Jackson Systems, LLC

Temp-Stat™ Thermostats

Standard Temperatures



- Low cost, non-adjustable, temporary construction thermostat preset to a given temperature
- Rugged construction - heat, moisture, paint & drywall dust do not affect it's operation
- Mercury-free - safe for the environment

Part #	Mfg #	Heating Application	Price
TS-60	TS-60	Preset to 60°F	13.90
TS-65	TS-65	Preset to 65°F	13.90
TS-70	TS-70	Preset to 70°F	13.14

Timer Controls

Linebacker™ Time Delays
Delay on Break

- 2 Quick disconnects



Part #	Mfg #	Delay Time	Price
EAC-501-300	7001	Fixed 300 Sec on Break	17.82
EAC-501-ADJ-X	5869	Adj 6 Sec to 8 Min on Break	16.48

Delay on Make

- 18 - 240 VAC/VDC
- SPST, N.O.

BRAMEC



Part #	Mfg #	Description	Price
17642	17642	1-1023 Second Switch, 10 Amp in Rush	29.74

Pressure Control - Auto Reset

- 18" Wire leads



Part #	Mfg #	Open	Close	Price
PS-LP25-50	5732	25 psi	50 psi	14.06

Pressure Control - Manual Reset

- 48" Wire leads from electrical contacts
- 410 psi open



Part #	Mfg #	Description	Price
PSMF-HP410	5709	1/4" SAE Female Flare Fitting	27.90

High Pressure Single Control

JOHNSON CONTROLS

- 36" Capillary with 1/4" flare nut
- SPST Close high/open low switching



Head Pressure Fan Cycling for R-12, R-22, R-134A, R-500, R-502 (R)

Part #	Mfg #	Description	Price
LAC-1		100-400 psi (P70AA-118)	140.30

Hard Start Kits


WSX-6

Part #	Mfg #	Multiplier	HP	Price
WSX-5	6820	300%	1/2 - 5	11.78
WSX-6	6821	500%	1/2 - 10	16.88
SPP8	19683	690%	1/2 - 10	30.40

Line Tap Valves

A Series Clamp-On

- Hex wrench included
- Adapter sleeves included
- Can be mounted in any position



Part #	Mfg #	Tubing Size OD	Price
A-1	6100	1/4", 5/16", 3/8"	8.54
A-2	6101	1/2", 5/8"	14.84

BTV Series Clamp-On

- With side port
- Hex wrench included



Part #	Mfg #	Tubing Size OD	Price
BTV-3	6177	3/4", 7/8"	20.74

Refrigeration Controls

B-1 Series Solder Type



- Valve body can be removed & replaced

Part #	Mfg #	Tubing Size OD	Price
B1-5S	6275	5/16"	4.52
B1-14S	6284	7/8"	17.82
B1-18S	6288	1-1/8"	7.26

Access Valves

Union Tee w/Swivel Nut & Core Depressor



Part #	Mfg #	Size	Price
AVS-44	6218	1/4" M x Swvl Nut x 1/4" MF	17.86

AVT Copper Solder Tees Access on Branch



Part #	Mfg #	Size	Price
AVT-4	6222	1/4" OD x Tube x 1/4" MF	7.84
AVT-6	6224	3/8" OD x Tube x 3/8" MF	8.66

AVW Copper Solder Tees Access on Branch



Part #	Mfg #	Size	Price
AVW-10	6244	5/8" OD Tube w/1/4" MF	10.08
AVW-12	6545	3/4" OD Tube w/1/4" MF	11.18
AVW-14	6246	7/8" OD Tube w/1/4" MF	12.66

Straight Solder 2" Extended End Tube & Stops



Part #	Mfg #	OD x Copper Tube	Price
AVX-2	6146	1/8" OD x 2"	5.56
AVX-3	6147	3/16" OD x 2"	10.08
AVX-4	6148	1/4" OD x 2"	6.14

Valve Cores

Valve Cores In Brass Case



Part #	Mfg #	Description	Price
VCT-1	6647	4 Cores & Core Remover Cap	12.58

Valve Cores In Plastic Case



Part #	Mfg #	Description	Price
AVC-6	6773	6 Valve Cores in Plastic Tube w/QC-4R Cap	6.72

Vacuum/Charge Valve/Core Tool

- Speeds service work
- Speeds removal & replacement of Schraders



Part #	Mfg #	Description	Price
19000	19000	Original Vacuum/Charge Valve w/o Extra 1/4" Access Port	102.46

THERE'S JUST NOT ENOUGH SPACE

To list all of the material and services we can offer you. Let us know about your problems.

Refrigeration Products

Freon Refrigerants



Part #	Description	Price
R22 30	R-22 30# Refrigerant	358.00
R410A	R-410A 25# Refrigerant	444.00

PolarTech Industries

Recovery Cylinders



Part #	Description	Price
CD30	30#, R-22	145.70
CD50	50#, R-22	157.18
CD30 400	30#, 400 psi R-410A	171.50
CD50 400	50#, 400 psi R-410A	198.00

Linde

Nitrogen Tanks & Refills



Part #	Description	Price
N TANK	40 cu ft Blue	217.50
N GAS	40 cu ft Refill	31.98
N TOTE	Tote For N Tank	117.04

Oxygen Tanks & Refills



Part #	Description	Price
R TANK	Tank For Oxygen	178.00
R GAS	Oxygen Refill	31.98

Acetylene Gas Tanks & Refills

Part #	Description	Price
B TANK	Large Acetylene Tank	173.98
MC TANK	Small Acetylene Tank	119.98
B GAS	Large Acetylene Gas Refill	47.98
MC GAS	Small Acetylene Gas Refill	35.98

Co2 Gas Tanks & Refills

Part #	Description	Price
CO2 TANK 10	10# Co2 Tank	210.00
CO2 TANK 15	15# Co2 Tank	225.00
CO2 TANK 20	20# Co2 Tank	237.00
CO2 GAS 10	10# Refill Co2 Gas	12.00
CO2 GAS 15	15# Refill Co2 Gas	14.00
CO2 GAS 20	20# Refill Co2 Gas	16.00
CO2 ADAPTER	Co2 Tank Adapter	16.08

Hanging Utility Scale

BRÄMEC®



Part #	Description	Price
8970	70 lb x 1/4 lb	162.98

Refrigeration Products

Filter Driers

Liquid Line Filter Driers - Flare Connections

Part #	Connection	Cu In	Price
AH-052	1/4"	5	24.74
AH-163	3/8"	16	39.16
AH-165	5/8"	16	44.24

Liquid Line Filter Driers - SWT Connections



Part #	Connection	Cu In	Price
AH-052S	1/4"	5	24.74
AH-083S	3/8"	8	30.84
AH-163S	3/8"	16	39.16
AH-164S	1/2"	16	42.70

2-Way Heat Pump Filter Driers - SWT Connections



Part #	Connection	Cu In	Price
V2A-083S	3/8"	8	45.74
V2A-163S	3/8"	16	51.30
V2A-165S	5/8"	16	78.00

WSL Series Suction Line Filter Driers - SWT

- For all CFC,HCFC, and HFC refrigerant & lubricant
- Permanent installation on systems up to 20 tons
- Shock resistant, low pressure drop
- Industry standard lay-in lengths
- UL and CSA listed



Part #	Connection	Price
WSL30-5S	5/8"	48.74
WSL30-6S	3/4"	49.00
WSL30-7S	7/8"	51.20
WSL41-9S	1-1/8"	112.76

LDE Dry Eye™ Sight Glass with Moisture Indicator



Part #	Connection	Price
LDE-3MF	3/8" Male x Female Flare	33.00

Sight Glass - SWT

Part #	Connection	Price
KSG3S	3/8" SWT	33.00
KSG4S	1/2" SWT	39.60

Accumulators - Suction Line



Part #	Conn Size	Liquid Holding	Price
VA546SRD	3/4"	6	106.50
VA547SRD	7/8"	6	102.46

DiversiTech Filter Driers

Liquid Line Filter Driers - SWT Connection

Part #	Connection	Cu In	Price
DAD083S	3/8"	8	15.98
DAD163S	3/8"	16	17.98

2-Way Heat Pump Filter Driers - SWT Connection

Part #	Connection	Cu In	Price
DBF163S	3/8"	16	33.98

Suniso Refrigeration Oil



Part #	Viscosity	Size	Price
3GS	150	1 gal	44.40

Refrigerant Recovery

Ritchie Engineering Company Inc.

Yellow Jacket® Refrigerant Recovery Systems

- Recovers most CFC, HCFC & HFC refrigerants
- Vapor, liquid, push/pull capabilities
- 1/2 hp Oil-less compressor
- Automatic shut-off at 15" of vacuum
- RecoverXLT™ includes built-in constant pressure regulator



Part #	Description	Price
95760	RecoverXLT® R60a, 115V/60Hz	1386.26

SuperEvac™ Pumps

- 115 Volt/60 cycle voltage
- Two stage rotary vane evacuates quickly
- 15 Micron field blankoff
- 1/4" & 1/2" Male flare connections
- 1/2 hp, 1725 rpm motor



Part #	CFM	Oil Capacity	Dimensions	Price
93560	6.0	27 oz	15.25"L x 6" x 11.5"H	794.30

Vacuum Gauges

SuperEvac™ LCD Vacuum Gauge

- Thermocouple sensor technology combined w/advanced IC electronics not found with thermistor sensors or analog meters
- Accurate readings from atmosphere to 1 micron
- Compact design with case for sensor, cable & brass connector
- "D" Cell battery for approximate 70 hour battery life



Part #	Description	Price
69075	SuperEvac™ LCD Vacuum Gauge	596.16

Digital Vacuum Gauge

- Gauge tracks 14 increments from atmosphere to 25 microns
- Cleanable, replaceable plug-in sensor automatically compensates for temperature with no calibration
- 12" coiled sensor cord w/24" stretch
- 9V Alkaline battery



Part #	Description	Price
69080	Digital Vacuum Gauge	332.02

Vacuum Pump Oil

- Refined & formulated for extremely low vapor pressure & high pump efficiency at all temperatures



Part #	Size	Price
93092	1 qt	14.18
93094	1 gal	43.26

Yellow Jacket® Premium 1/4" Charging Hoses

- 500 psi maximum working pressure = 5 to 1 safety factor
- 250 psi max minimum burst
- Blow-off groove channels refrigerant out of the front of the nut to help prevent spray back
- 1/4" Straight x 1/4" 45° angle brass fittings



Part #	Model	Color	Length	Price
11036	HA36Y	Yellow	36"	21.50
11060	HA60Y	Yellow	60"	27.88
11260	HA60B	Blue	60"	29.14
11636	HA36R	Red	36"	21.52
11660	HA60R	Red	60"	27.86

3-Paks (R/Y/B)



Part #	Model	Length	Price
11983	HA36RYB	36"	64.56
11985	HA60RYB	60"	82.40

Refrigerant Recovery

Yellow Jacket® Plus II™ 1/4" Charging Hoses

With 45° SealRight™ Low Loss Anti-Blow Back Fitting At One End

- Low loss anti-blowback SealRight™ fitting traps refrigerant in hose when disconnected helping meet non-venting regulations & preventing finger burns



Part #	Color	Length	Price
22060	Yellow	60"	40.04
22096	Yellow	96"	57.34
22236	Blue	36"	33.40
22260	Blue	60"	40.04
22296	Blue	96"	57.34
22636	Red	36"	32.56
22660	Red	60"	40.04
22983	R/Y/B 3-Pak	36"	97.70
22985	R/Y/B 3-Pak	60"	120.12

With FlexFlow™ Valve 6" From Angle End

- Valve handle position shows when valve is open, closed, or anywhere in between
- Improved smaller ergonomic valve w/zero restriction for max flow
- Flexible length of hose between valve & fitting makes access easier to tight areas



Part #	Color	Length	Price
25985	R/Y/B 3-Pak	60"	187.40

9" FlexFlow™ Adapters

- Easy retrofit of existing "Plus II™" hoses with FlexFlow capabilities
- Flexible hose between valve & fitting for handling in tight areas



Part #	Description	Price
25980	R/Y/B 3-Pak	116.72

3/8" Charging Hoses - Standard "B"

- Larger volume 5/16" ID hose
- 400 psi working pressure
- 1600 psi burst
- 3/8" flare straight x 3/8" flare straight



Part #	Type	Length	Price
14560	B60	60"	58.04

Charging Accessories

Adjust-A-Valve™ Openers

- Patented valve opens out-of-tolerance Schrader valves



Part #	Part #	Description	Price
19302	CH14	Adj Valve Openers	14.98

Cylinder Valve Adapters

- Finger tight adapters fit 125 & 145 lb cylinders
- No wrench required
- Seal remains seated



Part #	Description	Price
19105	3/4" NPS Cylinder Adapter w/ 1/4" Male Flare	25.40

R-410A Quick Couplers for Mini-Split

45° with Schrader Core in Male End



Part #	Description	Price
19173	5/16" FeQC x 1/4" MFl w/Schrader	29.38

SealRight™ Quick Couplers

- SealRight™ fitting traps refrigerant in hose when disconnected helping meet non-venting regulations & preventing finger burns
- One piece design - attaches quickly
- Works with or without Schrader core
- Field serviceable



19109 19209

Part #	SealRight™ x Male	Price
19109	1/4" Straight x 1/4" Flare	25.06
19209	1/4" 90° x 1/4" Flare	25.78

Refrigerant Recovery

SealRight™ Rebuild Kits

Part #	Description	Price
19040	SealRight™ Rebuild Kit	17.96

Quick Coupler Gaskets



- Designed for optimum performance w/Yellow Jacket® charging hoses
- Works w/all refrigerants
- Manufactured to strict tolerances to resist blow-out

Part #	Hose/Coupler	Price
19011	3/8" Hose	32.92
19005	1/4" Hose	0.64
19037	1/4" SealRight™ O-Ring	13.26

Yellow Jacket® Series 41 Manifolds



- Red & blue standard °F gauge cases
- Forged solid brass body for durability
- Full size metal valve handles for easy operation
- Hose anchors forged into back of body at 45°
- Basic unit includes manifold, gauges, hook & anchors
- Limited lifetime warranty on manifold bar & valves

2-1/2" Gauges for R-12, R-22 & R-502

With Original HA Hoses

Part #	Description	Price
41213	Basic Unit w/36" R/Y/B Hoses	117.24
41215	Basic Unit w/60" R/Y/B Hoses	145.46

With Plus II™ Hose with SealRight™ Fittings

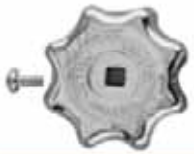
Part #	Description	Price
44213	Basic Unit w/36" R/Y/B Hoses	196.86
44215	Basic Unit w/60" R/Y/B Hoses	222.00

3-1/8" Gauges for R-22, R-404A, R-410A

With Plus II™ Hose with Standard 1/4" Flare Fittings

Part #	Description	Price
42004	Basic Unit w/60" R/Y/B Hoses	188.00

Hand Wheel for Series 41 & Brute Manifolds



Part #	Description	Price
41141	Hand Wheel	5.92

Manifold Gauges

2-1/2" (°F) Gauges



- Bold, high-visibility dials
- Colored temperature scales
- Flutterless™ technology
- 1/8" MPT connection
- 3-2-3% Accuracy

For Gauge Scales R-12, R-22 & R-502

Part #	Description	Pressure Scale	Price
49001	Red Pressure	0-500 psi	31.74
49002	Blue Compound (w/Retard Protection to 350 psi)	30"/0-120 psi	31.74

For Gauge Scale R-410A

Part #	Description	Pressure Scale	Price
49035	Red Pressure	0-800 psi	31.74
49036	Blue Compound (w/Retard Protection to 500 psi)	30"/0-300 psi	31.74

Diaphragm Gauges



Low Pressure - 2-1/2"

- Bronze diaphragm made of 2 thin-walled diaphragms soldered together & intended for low-pressure applications only
- Black/steel case

Part #	Connection	Range	Price
78066	1/4" MPT	0 - 35" wc	91.80
78080	3/4" MPT	0 - 30" wc	27.78

Gauge Replacement Parts



Part #	Description	Price
49000	Replacement Crystal for Gauges	6.20
49090	Set of Gauge Boots for 2-1/2" Gauge	23.62

Refrigeration

Eliminator™ Series Vacuum Pumps

- 2 Stage, direct drive
- Check valve prevents oil backflow during power failure
- Completely field repairable
- Large easy to read sight glass
- All brass fittings
- 1/4" x 3/8" Male flare intake ports
- 1/2 hp, 115V, 60Hz, 1725 rpm



Part #	Description	Price
DV-6E	6 CFM	622.60

Atlas Refrigerant Charging Scale

- 220 lb Weight capacity
- Solid state load cell, sensitivity to .24 oz
- Heavy duty plastic storage case
- All metal scale construction
- Hand held remote, auto shut-off after 30 minutes
- Displays in lbs, lbs & oz, and kilograms



Part #	Description	Price
DS-20000	Atlas Refrigerant Charging Scale	405.94

Multi-Function Digital Manifolds

- Superheat & subcooling gauge
- Charging & testing manifold
- Vacuum gauge
- Color-coded digital displays (high side and low side)
- Displays maximum, minimum & average values
- Two temperature sensors to measure temperature drop across a cooling coil
- 1 Key to work on up to 32 refrigerants



Part #	Description	Price
DM2-3	2-Valve w/60" Kobra™ Hoses & Case	1012.96

Zeppelin™ Manifolds

1/4" Premium Brass 2-1/2" Gauges for R-22, R-404A, R-410A



Part #	Description	Price
23200	2-Valve, No Hoses	101.94

3/8" Aluminum 2-1/2" Gauges for R-22, R-404A, R-410A

Part #	Description	Price
25200	4-Valve, No Hoses	201.52

Kobra™ CLBV High Pressure Charging Hose

- Gasket seal fitting
- Blowout resistant depressor & barrel gasket



Part #	Description	Price
CCLBV-60	60" R/Y/B Set	172.68

Accessories

Gaskets



Part #	Description	Price
P509	Gasket for Hoses	7.52

Depressors



Part #	Description	Price
P90513	Depressor (5/Pk)	9.12

HVAC Digital Manifold Kit

Mastercool "World Class Quality"

- Displays:
  - Pressures
  - Saturated temperatures
  - Actual temperatures
  - Superheat & subcooling temps for over 60 refrigerants
  - Deep vacuum with sensor cable
- Includes:
  - Set of (3) 60" Hoses
  - Vacuum Sensor w/Cable & Clamp-on Thermocouple



Part #	Mfg #	Description	Price
99661	99661	Kit With Molded Case	760.00

G5 Twin Refrigerant Recovery

- Oil-less compressor
- Twin cylinders and condenser
- For use with all class III, IV & V refrigerants, including R-410A
- Rugged case with soft gripping
- 1-Year warranty



APPION Next Performance

Part #	Mfg #	Description	Price
G5 TWIN	G5 TWIN	1/2 hp, 550 psi, Cutoff Switch	1400.00

Qwik Products™ by Mainstream Engineering

QwikLug™ Compressor Terminal Repair Kits

- Tightens quickly from front w/screwdriver
- Fits all standard compressor terminals
- Replaces damaged or corroded spade terminals
- Insulated brass connectors



Part #	Mfg #	Description	Price
QT2810	QT2810	10 AWG, 2' Leads	39.98

QwikCheck® Acid Test Kits

- Test to ARI-700 limit of 1 PPM
- Works with all refrigerants and oils
- Throw-away design
- Meets EPA venting rules



Part #	Mfg #	Description	Price
QT2000	QT2000	5-Second Test	11.18

CPS

Pro-Set® Recovery Refrigerant Recovery

- Fully automatic liquid or vapor recovery
- Advanced rifled tube lance fin condenser
- "Super Cool" dual fan cooling system
- 550 PSI high pressure cut-off switch



Part #	Description	Price
CR600	Oil-Less Refrigerant Recovery Machine	1632.10

CPS Service Manifolds

- All in one gauge Use for R-410A, R-22 & R-407A
- 1/4" SAE Fittings



Part #	Description	Price
MBHP3E	(3) 3' Hoses & Ball Valves	158.00
RGHH	Replacement Gauge for MBHP3E Hi R-22/R-410A/R-407A	24.00

Proset® 1/4" Charging Hoses

- Compatible with R-410, CFC, HCFC refrigerants & blends
- Blow off grooves channel refrigerant to prevent spray back
- 1/4" SAE fitting with 45° bend on one end



Part #	Description	Price
HP5E	60" Hose w/45° Ball Valve On One End, R/Y/B Pack	144.00

Oil Burners & Parts

AFG Oil Burners

- Air turbo injector & high efficiency blower wheel for high static pressure firing under most draft conditions
- Capacities from 0.40 to 3.00 gph
- 11-1/2"H x 12-7/8"W x 6-9/16"D (Chassis)



Part #	Description	Price
B2007	AFG With Suntec A Pump	756.32

Air Tubes

For AF/AFG Models



Part #	Firing Rate Min-Max GPH	Usable Air Tube Length	Burner Head	Price
AF47YHFS	.50-1.10	4-7/8"		142.90
AF65XR	0.40-0.75	6-5/8"	F0	Spec Ord
AF65XN	0.75-1.25	6-5/8"	F3	79.82
AF65XO	1.10-2.00	6-5/8"	F12	62.26
AF72YB	0.85-1.65	7-1/4"	F6	79.82
AF90XO	1.10-2.00	9"	F12	79.82

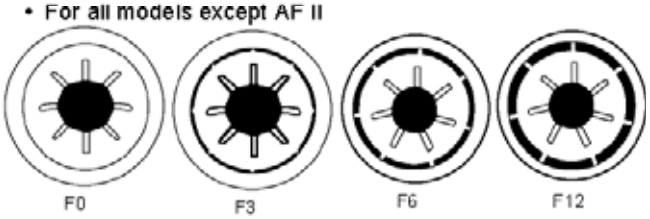
For AF II 150 Models

Part #	Firing Rate Min-Max GPH	Usable Air Tube Length	Burner Head	Price
AS90HD	0.75-1.10	9"	AF2-6	165.00

Oil Burner Accessories

Flame Retention Heads

- For all models except AF II



Part #	Description	Price
F0	0.40 - 0.75 gph	12.54
F3	0.75 - 1.25 gph	12.54
F6	0.85 - 1.65 gph	12.54
F12	1.10 - 2.00 gph	12.54

Pedestal Mounting Support Kit

- For AF II only



Part #	Description	Price
5685	Raises Burner from 8-1/4" To 9-7/8"	16.00

Mounting Flange - Adjustable

- For AF II only



Part #	Description	Price
5432	Universal, Includes Gasket	12.60
3616	Universal Gasket	2.18

Electrical Box



Part #	Description	Price
5770B	For Field-Mounted Controls	7.08

Electrode Insulator Assembly Kits For F Head Type up to 9" Air Tube Length

- Universal glazed
- Kits include basic electrode insulator assemblies, extension rods, hex head nuts, connectors & T-gauge for precise adjustment



Part #	Use With:	Price
5780	AF, AFG, AR, SF, SR	13.98
5781	A & S	22.42

Ignition Transformers

Part #	Description	Replaces:	Price
51771U		10-SAY-04	91.80
51805U	AFII	51402U	101.92
51824U	Solid State 14K	10SAY-05	Spec Ord
51825U	Wayne M Solid State	10SAY-03	101.92

Oil Burners & Parts

Igniters

Part #	Description	Price
51827U	Igniter With Wayne E Base	95.16
51842U	Igniter Terminal Kit	15.52

Electronic Oil Igniter Kit

- Lightweight
- Two igniters, assorted mounting plates & terminals allow for easy adaptation to:
  - Aero
  - Beckett A, AF, AFG & S
  - Carlin 100, 101CRD, 102CRD, 200, 201 & 500 CRD
  - Wayne M, E & HS
  - Weil-McLain



Part #	Description	Price
51835	Electronic Oil Igniter Kit	328.42

Base Plates

Part #	Description	Price
51829U	Wayne M	26.50
51830U	Beckett A	17.32
51831U	Beckett S	26.50
51833U	Wayne E	26.50
51891U	Ducane DM	26.50
51892U	Ducane DR	26.50
51923U	Weil-McLain	Spec Ord

AFII Parts

Part #	Description	Price
21437U	Coupling Kit for AFII	3.30
21444U	Motor 1/7 hp 3450 RPM, 115V/60Hz	178.90
51484U	Electrodes AFII (Breakoff Type)	26.82
Z2000U	Electrode Setting Gauge	28.90
213U	Single Nozzle Adapter	3.74
571-801	Adapter Bulkhead A	6.40

Magni-Chek™ Valves

- Leakproof magnetic
- Std SAE flare connections



Part #	Mfg #	Tube Size	Price
MTS-6	6318	3/8" Flare	39.26

FRANCE

Transformers

5LAY OEM Replacement Transformers

- 120 VAC, 60Hz primary
- 10,000V secondary mid point ground, 23mA



Order #	Description	Price
5LAY-03	Wayne Hi Speed Model M,MH	100.68
5LAY-04	For Beckett A,AF	100.68
5LAY-05	For Beckett S	100.68
5LAY-06	Ducane DM, DU Std Can	135.06
5LAY-20	For ABC Sunray	100.68
5LAY-30	For Wayne E Model Burner	338.44
5LAY-31A	For Wayne HS No Hinge	100.68

Universal Replacement Transformers

- 60 Hz primary
- 10,000V secondary
- Mid point ground
- 5-5/16"L x 4-3/8"W x 4-1/4"H



Order #	Description	Price
LAUV	3-Way Universal w/MP, 120 VAC/240VA	137.64
LA4V	3-Way Universal, 120 VAC	366.98
421-BT290	Transformer (LA4V)	128.84

Oil Burner Nozzles

Oil Burner Nozzles - Type A Red Vial

- Hollow cone
- Creates stable flame at low flows



45° Angle Oil Burner Nozzles - Type A

Part #	Mfg #	GPH	Price
1.50 45 A	0015045A	1.50	8.02

60° Angle Oil Burner Nozzles - Type A

Part #	Mfg #	GPH	Price
.50 60 A	0005060A	.50	8.02
.60 60 A	0006060A	.60	8.02
.65 60 A	0006560A	.65	8.02
.75 60 A	0007560A	.75	8.02
.85 60 A	0008560A	.85	8.02
.90 60 A	0009060A	.90	8.02
1.00 60 A	0010060A	1.00	8.02
1.10 60 A	0011060A	1.10	8.02
1.25 60 A	0012560A	1.25	8.02
1.75 60 A	0017560A	1.75	8.02

70° Angle Oil Burner Nozzles - Type A

Part #	Mfg #	GPH	Price
.50 70 A	0005070A	.50	8.02
.55 70 A	0005570A	.55	8.02
.60 70 A	0006070A	.60	8.02
.65 70 A	0006570A	.65	8.02
.75 70 A	0007570A	.75	8.02
.85 70 A	0008570A	.85	8.02
.90 70 A	0009070A	.90	8.02
1.00 70 A	0010070A	1.00	8.02
1.10 70 A	0011070A	1.10	8.02
1.25 70 A	0012570A	1.25	8.02
1.35 70 A	0013570A	1.35	8.02

80° Angle Oil Burner Nozzles - Type A

Part #	Mfg #	GPH	Price
.50 80 A	0005080A	.50	8.02
.60 80 A	0006080A	.60	8.02
.65 80 A	0006580A	.65	8.02
.75 80 A	0007580A	.75	8.02
.85 80 A	0008580A	.85	8.02
.90 80 A	0009080A	.90	8.02
1.00 80 A	0010080A	1.00	8.02
1.10 80 A	0011080A	1.10	8.02
1.20 80 A	0012080A	1.20	8.02
1.25 80 A	0012580A	1.25	8.02

Oil Burner Nozzles - Type A Red Vial (Continued)

80° Angle Oil Burner Nozzles - Type A

Part #	Mfg #	GPH	Price
1.35 80 A	0013580A	1.35	8.02
1.50 80 A	0015080A	1.50	8.02
1.75 80 A	0017580A	1.75	8.02
2.00 80 A	0020080A	2.00	8.02
2.25 80 A	0022580A	2.25	8.02
2.75 80 A	0027580A	2.75	8.02
3.00 80 A	0030080A	3.00	9.34
3.50 80 A	0035080A	3.50	9.34
4.00 80 A	0040080A	4.00	9.34
4.50 80 A	0045080A	4.50	9.34
5.00 80 A	0050080A	5.00	9.34

90° Angle Oil Burner Nozzles - Type A

Part #	Mfg #	GPH	Price
.50 90 A	0005090A	.50	8.02
.60 90 A	0006090A	.60	8.02
.65 90 A	0006590A	.65	8.02
.75 90 A	0007590A	.75	8.02
.85 90 A	0008590A	.85	8.02
1.00 90 A	0010090A	1.00	8.02
1.20 90 A	0012090A	1.20	8.02
1.65 90 A	0016590A	1.65	8.02

Oil Burner Nozzles - Type B Blue Vial

- Solid cone
- For larger burners & where air pattern is heavy in the center or for long fires



45° Angle Oil Burner Nozzles - Type B

Part #	Mfg #	GPH	Price
.75 45 B	0007545B	.75	8.02

60° Angle Oil Burner Nozzles - Type B

Part #	Mfg #	GPH	Price
.75 60 B	0007560B	.75	8.02
.85 60 B	0008560B	.85	8.02
1.00 60 B	0010060B	1.00	8.02
1.10 60 B	0011060B	1.10	8.02
1.25 60 B	0012560B	1.25	8.02
1.50 60 B	0015060B	1.50	8.02
1.65 60 B	0016560B	1.65	8.02
1.75 60 B	0017560B	1.75	8.02
5.00 60 B	0050060B	5.00	9.34

Oil Burner Nozzles

70° Angle Oil Burner Nozzles - Type B

Part #	Mfg #	GPH	Price
.65 70 B	0006570B	.65	8.02
.75 70 B	0007570B	.75	8.02
.85 70 B	0008570B	.85	8.02
.90 70 B	0009070B	.90	8.02
1.00 70 B	0010070B	1.00	8.02
1.10 70 B	0011070B	1.10	8.02
1.20 70 B	0012070B	1.20	8.02
1.25 70 B	0012570B	1.25	8.02
1.50 70 B	0015070B	1.50	8.02
1.65 70 B	0016570B	1.65	8.02
1.75 70 B	0017570B	1.75	8.02

80° Angle Oil Burner Nozzles - Type B

Part #	Mfg #	GPH	Price
.50 80 B	0005080B	.50	8.02
.60 80 B	0006080B	.60	8.02
.65 80 B	0006580B	.65	8.02
.75 80 B	0007580B	.75	8.02
.85 80 B	0008580B	.85	8.02
.90 80 B	0009080B	.90	8.02
1.00 80 B	0010080B	1.00	8.02
1.10 80 B	0011080B	1.10	8.02
1.20 80 B	0012080B	1.20	8.02
1.25 80 B	0012580B	1.25	8.02
1.35 80 B	0013580B	1.35	8.02
1.50 80 B	0015080B	1.50	8.02
4.00 80 B	0040080B	4.00	9.34

90° Angle Oil Burner Nozzles - Type B

Part #	Mfg #	GPH	Price
.75 90 B	0007590B	.75	8.02
1.00 90 B	0010090B	1.00	8.02
1.10 90 B	0011090B	1.10	8.02
1.35 90 B	0013590B	1.35	8.02
1.65 90 B	0016590B	1.65	8.02

Oil Burner Nozzles - Type W Green Vial



- Neither truly hollow nor solid
- Can be used in place of Type A or B Types in reducing specific problems

80° Angle Oil Burner Nozzles - Type W

Part #	Mfg #	GPH	Price
.65 80 W	0006580W	.65	8.02
.75 80 W	0007580W	.75	8.02
.85 80 W	0008580W	.85	8.02
1.00 80 W	0010080W	1.00	8.02
1.25 80 W	0012580W	1.25	8.02
1.35 80 W	0013580W	1.35	8.02

Oil Nozzle Accessories

Adaptrap



- Designed to reduce volume oil in the adapter & minimize oil after drip

Part #	Mfg #	Description	Price
37231-1	372311	1/8" NPTF x 1-3/8" L	6.64

2 In 1 Nozzle Changers



Part #	Mfg #	Description	Price
34478	34478	Fits 3/4" & 11/16"	89.50

Nozzle Boxes



- 5"H x 1-3/4"W x 11-15/16"D

Part #	Mfg #	Description	Price
26846-5	268465	55 Nozzle Capacity	49.38

Check Valves

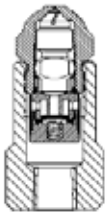
Part #	Mfg #	Description	Price
60030-2	60101-2	Check Valve	11.18

Oil Burner Nozzles / Oil Tank Accessories

HAGO PRECISION NOZZLES

Residential Oil Burner Nozzles

- Nozzles are calibrated at 100 PSIG, using a 35 SSU viscosity oil
- 100% stainless steel



"B" Solid Cone - Black Caps

Part #	Availability (GPH)	Spray Angle	Price
.50X45 B	.50	45°	8.60
.65X45 B	.65	45°	8.60
.85X60 B	.85	60°	8.60

WAYNE

Oil Burner Tune Up Kits



Part #	For:	Price
31156	Wayne ER, ERA, EH, EHASR, M, MSR, MH, OE, OEA	72.68
31157	Wayne HS Burner	83.34

OEM OIL EQUIPMENT MANUFACTURING LLC

King® Leakproof Tank Gauges

- For 42" - 44" Vertical tanks



Part #	Description	Price
4488	1-1/2" MIP	43.96
4489	2" MIP	43.96

King® Combo Fill Alarm & Tank Gauge

- For 42" - 44" Vertical tanks



Part #	Bottom x Top	Casting	Price
4522	1-1/2" MIP x 1-1/4" FIP	Orange	72.02

King® Fill Alarms

- For 42" - 44" Vertical tanks
- 6-1/4" Step Length



Part #	Bottom x Top	Casting	Price
4509	1-1/4" MIP x 1-1/4" MIP	Tan	41.22

King® Duplex Slip-Thru Tank Bushings

- 3-Way tap slip-thru compression union
- With fittings



Part #	Size	Return x Supply Tubing	Price
4447	2" MIP	3/8" x 3/8"	25.60

Mushroom Vent Caps



Part #	Description	Price
4023	1-1/4" FIP	15.92
4024	1-1/2" FIP	19.26

Hinged Fill Caps

- Vented to keep out debris & water



Part #	Description	Price
4171	2" FIP Fill Cap, Cast Iron	24.94

Oil Pumps / Oil Filters

Oil Pumps

Single-Stage Fuel Units

- Suitable for kerosene, No 1 or No 2 fuel
- 3 gph Strainer & nozzle rating at 100 psi



SUNTEC

Part #	RPM	Rotation	Nozzle Port Loc	Strainer/ Nozzle Rate @ 100psi	Price
A1YA-7912	1725	RH	RH	7 gph	117.84
A2VA-7116	3450	RH	RH	3 gph	89.68
A2VB-7117	3450	RH	LH	3 gph	151.84

Two-Stage Fuel Unit

- Suitable for kerosene, No 1 or No 2 fuel
- 3 gph Strainer & nozzle rating at 100 psi



SUNTEC

Part #	RPM	Rotation	Nozzle Port Loc	Strainer/ Nozzle Rate @ 100psi	Price
B1VA-8212	1725	RH	RH	3 gph	206.76
B2VA-8216	3450	RH	RH	3 gph	159.52

Beckett CleanCut Pumps

- Integrated solenoid valve for cleaner, more reliable cut-offs and cut-ons
- Includes Beckett Precision Delay Timer cordset for use on burners without a pre-purge type control



3450 RPM, Left Hand Rotation, 4 GPH

Part #	Description	Price
9022-082	120 VAC 1-Stage, PD Timer	113.94

Oil Filters

Oil Filters For All Types of Heating Applications

- Leakproof construction w/machined gasket seat & UL listed gasket compounds
- High quality wool felt filter elements that remove all solid contaminants
- Can be used in one or two-pipe systems



Part #	Description	Price
1A25A	Firing Rate 10 GPH	27.28
2A700	Firing Rate 25 GPH	48.38

Replacement Filter Cartridges

- 10 micron wool felt
- Center core bonded to prevent media migration



1A-30

Part #	Description	Price
1A30	For Filter 1A-25A	2.70
2A710	For Filter 2A-700A	4.82

Unifilters RF-Series Refills

- Continuous spun Rayon fibers with an exclusive gear tooth design for maximum surface area & enhanced depth filtration



Part #	Description	Price
RF-1	UL-Listed for the 1A-25A/Unifilter 77	2.48
RF-2	Oil Filter for 2A700 Unifilter	4.40
RF-4	Designed to Fit Other Filter Brands	2.28

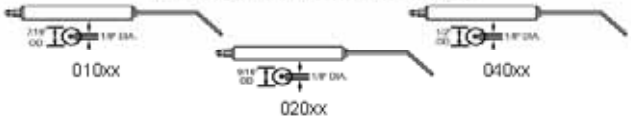
E-Z Change™ Filter Draining Systems



Part #	Description	Price
E-Z CHANGE	Bucket Filter Draining System	65.20

Oil Burner Parts

Standard Electrodes



Part #	OD	Length of Insulator	Type of Tip	Price
101-4	7/16"	4"	Heavy 1/8"Dia	14.52
101-5	7/16"	5"	Heavy 1/8"Dia	16.36
101-6	7/16"	6"	Heavy 1/8"Dia	16.72
102-4	9/16"	4"	Heavy 1/8"Dia	14.52
102-5	9/16"	5"	Heavy 1/8"Dia	16.72
104-4	1/2"	4"	Heavy 1/8"Dia	14.52
104-4-1/2	1/2"	4-1/2"	Heavy 1/8"Dia	18.90
104-6	1/2"	6"	Heavy 1/8"Dia	17.46

Electrode Setting Gauge

Part #	Description	Price
40445	For All Models	7.24

Terminals & Hardware

Electrode Accessories

- Type "F" is 3/8" wide x .040 thick 260 brass alloy



Part #	Description	Price
40319	Type "F" 10" Flat Buss Bar	3.28

Terminals

Part #	Description	Price
51750	IT217	1.60
52340	IT234, 10-32 Spring Contact	1.90
52356	IT2355	2.00

Pyrofelt

Fiberfrax® 440J Gasket Paper

- Roll of 1/8" thick 440J gasket paper
- Made from combination of ceramic fiber, inert fillers and fiberglass
- Use up to 704°C/1300° F



Part #	Description	Price/Foot
48001	1' x 50' Roll - Sold by Foot	4.00

Replacement Oil Burner Couplers

- KK100 Includes:
  - 5" coupler assembled, 1/2" motor end cap,
  - 7/16" & 5/16" pump end caps



Part #	Description	Price
41200	KK100 Koupling King II	6.88

Oil Handling/Filtration Parts

Oil Lines



Part #	Description		Price
40454	3/16" Dia x 12'L	Straight	4.28
40455	3/16" Dia x 16'L	Coiled	4.64
40457	1/4" Dia x 16'L	Coiled	5.44
40458	1/4" Dia x 12'L	Straight	4.72

Silent-Flow Anti-Hum Device

- An elongated, resilient, tubular cushion that slips into the oil pipe at the pump connection. Silent flow can be used on all domestic type, pressure atomizing oil burners that operate between 1750 RPM - 3450 RPM's at the following firing rates:
  - single pipe installations up to 20 gph
  - two-pipe installations up to 8 gph
- Includes a 1/2" adapter for use with 1/2" copper tubing & instruction sheet



Part #	Description	Price
40470	Silent Flow Anti-Hum Device	17.74

Motors

One-on-one™ Direct Replacement Motors - 5-1/2" Diameter

GE Multi HP Direct Drive

- Open endshields, sleeve bearing, capacitor required noted on motor label
- 1/2, 1/3, 1/4, 1/5, 1/6 HP
- 03463 Replaces: Emerson 5460, Rheem 51-23012-41, Global E5460
- 03464 Replaces: Emerson 5461, Rheem 51-23022-41, Global E5461



Part #	Mfg #	Mfg.No.	HP	Volts	RPM/ Speeds	Rot	Amps	Dim (In) Shaft x Body	Price
3463	03463	5KCP39KGV804S	Multi	115	1075/4	Rev	6.2	5 x 4.73	173.50
3464	03464	5KCP39KGV805S	Multi	208-230	1075/4	Rev	2.7	5 x 4.73	189.64

GE Multi HP Condenser

- Totally enclosed, ball bearing, capacitor required noted on motor label
- 1/3, 1/4, 1/5, 1/8 HP
- Replaces: Emerson 5462, Rheem 51-23053-21, Global E5462



Part #	Mfg #	Mfg.No.	HP	Volts	RPM/ Speeds	Rot	Amps	Dim (In) Shaft x Body	Price
3465	03465	5KCP39KGU361AS	Multi	208-230	1075/2	Rev	2.6	5 x 4.73	159.26

Series 098 PSC Motors - 5-1/2" Diameter

Vertical Condenser Fan Motors Shaft-Up/Down
Single Speed - Std Efficiency - 6 Pole - Single Phase, 60 Hz

- Used in air conditioning or heat pump applications
- Overload protection
- Totally enclosed, non-ventilated
- Fan duty, continuous, air over
- All angle sleeve bearings
- Class B insulation
- Thru bolt or band mounting
- Full 6" shaft length w/two full flats at 90°
- 26" leads; water slinger on shaft
- Low speed approximately 300 RPM less than high speed depending on fan load
- Serrated end cap on shaft end only



Part #	Mfg #	GE No. 5KCP39	HP	Volts	RPM	Rot	Amps	Dim (In) Shaft x Body	Cap Req	Price
3728	03728	FGM599S	1/4	208-230	1075	Rev	1.8	6.00 x 4.25	5/370	120.28
3729	03729	LGS407T	1/3	208-230	1075	Rev	2.4	6.00 x 5.70	7.5/370	129.02
3730	03730	PGS408S	1/2	208-230	1075	Rev	3.5	6.00 x 6.50	10/370	166.98

Series 039 PSC Motors - 5-1/2" Diameter

PSC Furnace Blower Motors - Std Efficiency - 6 Pole - Three Speed - Single Phase, 60 Hz

- Use as direct drive furnace blower motors
- Overload protection
- Open construction
- Fan duty, continuous, air over
- Class B insulation
- All angle sleeve bearings
- 4" long, 1/2" diameter shaft, 26" leads
- 2-1/4" resilient rings plus 4 split rings
- 1/2" extended thru bolts on 3-speed models
- Base sold separately
- Approximately 150 RPM differential between speeds depending on fan load



Part #	Mfg #	GE No. 5KCP39	HP	Volts	RPM	Rot OSE	Amps	Dim (In) Shaft x Body	Base No.	Cap Req	Price
3583	03583	FGN651T	1/4	115	1075	Rev	4.2	4.0 x 4.89	08055	5/370	127.26
3584	03584	FGN652T	1/4	208-230	1075	Rev	2.0	4.0 x 4.89	08055	5/370	140.12
3585	03585	JGN653T	1/3	115	1075	Rev	6.2	4.0 x 5.14	08056	5/370	131.98
3586	03586	JGN654T	1/3	208-230	1075	Rev	2.9	4.0 x 5.14	08056	5/370	135.98
3587	03587	PGN655T	1/2	115	1075	Rev	9.0	4.0 x 6.14	08060	5/370	159.98
3588	03588	NGN656T	1/2	208-230	1075	Rev	4.3	4.0 x 5.89	N/A	5/370	163.98
3589	03589	PGN657T	3/4	115	1075	Rev	10.3	4.0 x 6.14	08060	15/370	207.90
3590	03590	PGN658T	3/4	208-230	1075	Rev	4.6	4.0 x 6.14	08060	10/370	228.12
3595	03595	SGL854S	1	115	1075	Rev	11.8	4.0 x 6.90	08060	20/370	402.00

Series 043 Split Phase Motors - 5-1/2" Diameter

Economy Model Belted Fan & Blower Motors - 4 Pole - Single Phase, 60 Hz

- Overload protection
- Open construction
- Continuous duty, 40°C ambient
- Resilient base mounted
- All angle sleeve (1/4, 1/3 & 1/2 hp) or ball bearings (3/4 hp)
- 1/2" shaft diameter - 5/8" adapter w/key included
- Slotted holes in base match 48 or 56 frame bolt patterns



Part #	Mfg #	GE No. 5KH3	HP	Volts	RPM	Rot	Amps	SF	Dim (In) Shaft x Body	NEMA Frame	Price
4701	04701	9QN5512AT	1/4	115	1725	Rev	5.0	1.35	1.5 x 6.65	48/56	147.06
4706	04706	9QN5514AT	1/3	115	1725	Rev	6.4	1.35	1.5 x 6.61	48/56	159.98
4708	04708	9QN9401FT	1/2	115	1725	Rev	8.0	1.25	1.5 x 6.91	48/56	218.00
4338	04338	9QN9541AT	3/4	115	1725	Rev	11.4	1.00	1.5 x 9.80	56	489.06

Series 110 Motor Start Capacitors

Electrolytic Capacitors for Motor Starting Applications



- Hermetically sealed Bakelite cases
- Perfect replacement capacitors

Part #	Mfg #	Microfarad Min - Max	Volts	Dimensions Dia x Length	Price
CS72330	11044	72 - 88	330	1.81 x 3.38	7.56
CS124330	11065	124 - 156	330	2.06 x 4.38	14.94

Series 120 Motor Run Capacitors

Single Section Oval Motor Run Capacitors



- Environmentally safe non-PCB

Part #	Mfg #	Microfarad	Volts	Hgt(in)	Base Dimensions (In) Depth x Width	Price
CR4370	12004	4	370	2.12	1.31 x 2.16	2.56
CR5370	12005	5	370	2.12	1.31 x 2.16	3.40
CR7X5370	12007	7.5	370	2.88	1.31 x 2.16	4.26
CR10370	12008	10	370	2.88	1.31 x 2.16	4.58
CR15370	12010	15	370	3.88	1.31 x 2.16	7.04
CR20370	12014	20	370	2.88	1.91 x 2.91	5.98
CR25370	12015	25	370	2.88	1.91 x 2.91	5.78
CR30370	12017	30	370	2.88	1.91 x 2.91	8.24
CR35370	12018	35	370	3.88	1.91 x 2.91	7.60
CR40370	12021	40	370	3.88	1.91 x 2.91	10.58
CR45370	12023	45	370	2.88	1.91 x 2.91	10.68
CR50370	12025	50	370	2.88	1.91 x 2.91	11.32
CR5440	12029	5	440	2.88	1.31 x 2.16	2.88
CR10440	12032	10	440	3.88	1.31 x 2.16	4.94
CR15440	12034	15	440	2.88	1.91 x 2.91	5.56
CR20440	12037	20	440	2.88	1.91 x 2.91	6.20
CR25440	12040	25	440	2.88	1.91 x 2.91	7.70
CR30440	12041	30	440	3.88	1.91 x 2.91	8.36
CR35440	12043	35	440	3.88	1.91 x 2.91	8.98
CR40440	12045	40	440	3.88	1.91 x 2.91	9.74
CR45440	12048	45	440	4.75	1.91 x 2.91	9.94
CR55440	12050	55	440	4.75	1.97 x 3.66	14.86

Motors

Dual Section Oval Motor Run Capacitors



- Environmentally safe non-PCB w/Physical Interrupter
- UL & CSA listed

Part #	Mfg #	Microfarad	Volts	Hgt(in)	Base Dimensions (In) Depth x Width	Price
CD20D5370	12063	20/5	370	3.88	1.91 x 2.91	9.24
CD45D5440	12190	45/5	440	4.75	1.97 x 3.66	15.98

Dual Section Round Motor Run Capacitors

- Environmentally safe non-PCB w/Physical Interrupter
- UL & CSA listed

Part #	Mfg #	Microfarad	Volts	Base Dia	Hgt (In)		Price
CD30D5370	12264	30/5	370	2.0"	3.88		9.98
CD35D5370	12266	35/5	370	2.0"	3.88		11.98
CD40D5370	12178	40/5	370	2.0"	3.88	2.0	17.98
CD45D5370	12269	45/5	370	2.0"	3.88	2.0	15.98
CD35D5440	12283	35/5	440	2.0"	3.88		13.98
CD40D5440	12286	40/5	440	2.5"	4.75		13.98
CD40D7X5440	12287	40/7.5	440	2.5"	4.75		10.70
CD45D7X5440	12289	45/7.5	440	2.5"	4.75		12.40
CD50D5440	12290	50/5	440	2.5"	4.75		13.18
CD50D7X5440	12291	50/7.5	440	2.5"	4.75		12.72

GLOBAL

Turbo™200 Run Capacitors



Part #	Mfg #	Description	Price
TURBO200	TURBO200	Multi-MFD Universal	94.82

Motors

Motors

Multi Horsepower Motors



- Reversible plugs
- Extended thru bolts
- 36" Leads
- Installs with all 48 frame mounting brackets
- Designed for 370V capacitors

Part #	HP	Volts	RPM	Price
WG840463	1/6 to 1/2	115	1075	135.28
WG840465	1/6 to 1/3	208/230	1075	125.60

Direct Drive Furnace Blower Motors



- Installs with all standard 48 frame mounting brackets
- Standard shaft length, diameter, and flats
- Automatic thermal overload protector
- Standard motor casing size
- 2.5" dia Hub rings included
- Low power consumption
- Continuous duty, air over
- Uses 370V capacitors
- Electrically reversible
- Class B insulation
- 1075 RPM, 3-Speed, 60 Hz

Part #	HP	Volts	Cap Mfd	Price
WG840583	1/4	115	5	106.30
WG840584	1/4	208-230	5	109.48
WG840585	1/3	115	5	108.04
WG840586	1/3	208-230	5	129.86
WG840587	1/2	115	5	131.48
WG840588	1/2	208-230	5	136.88
WG840589	3/4	115	15	172.76

Condenser Fan Motors

- Permanent split capacitor
- Mount up, down or with belly band
- 39 Frame size
- Sleeve bearings
- CW/CCW Rotation (electrically reversible)
- Shaft: 1/2" diameter x 3-5/8" long, one side flat
- Automatic thermal overload
- 60 Hz



WG840727

Part #	HP	Volts	RPM	Price
WG840728	1/4	208/230	1075	95.70
WG840729	1/3	208/230	1075	103.96
WG840730	1/2	208/230	1075	118.10

24/7/365

Emergency Services

Available at 2-J

We Stand Beside You
To Support Your Customers

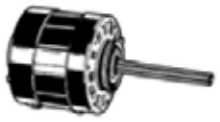
Motors / V-Belts

Packard Inc.

Motors

A.O.Smith 5" Dia Shaded Pole Direct Drive Blower Motors

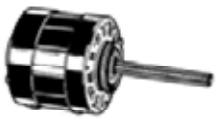
- Sleeve bearing, auto overload
- CW facing shaft
- 42 Frame open, single shaft
- 2-1/2" Mounting rings



Part #	HP	Volt	RPM	Speeds	Price
70852	1/5	115	1050	3	165.88

A.O.Smith 5" Dia PSC Direct Drive Blower Motors

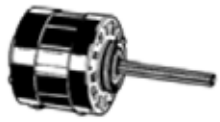
- Sleeve bearing, auto overload
- Electrically reversible
- 42 Frame, single shaft
- No mounting rings



Part #	HP	Volt	RPM	Speeds	Price
70854	1/5	115	1075	3	256.16

5" Dia Shaded Pole Direct Drive Blower Motors

- Sleeve bearing, auto overload
- CW facing shaft
- 42 Frame open, single shaft
- 2-1/2" mounting rings



Part #	HP	Volt	RPM	Speeds	Price
70852	1/5	115	1050	3	165.88

Domestic Oil Burner Motors

- Split phase
- 40°C rise, continuous duty
- 48 Frame, sleeve bearing
- Manual reset overload
- Reversible, 60 Hz
- Totally enclosed



Part #	HP	Volt	RPM	Speeds	Price
71782	1/8	115	1725	1	168.20
71779	1/7	115	3450	1	159.32

Crown

V-Belts

Fractional Horsepower

- Oil & heat resistant
- Static conducting
- Ideal for household & light duty machinery applications

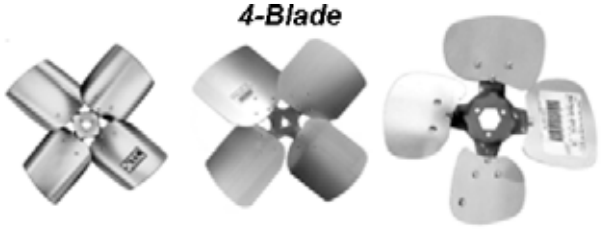


Part #	Size	Outside Length	Price
4L240	1/2" Top x 5/16"	24"	5.24
4L250	1/2" Top x 5/16"	25"	5.24
4L260	1/2" Top x 5/16"	26"	5.24
4L270	1/2" Top x 5/16"	27"	5.24
4L280	1/2" Top x 5/16"	28"	5.24
4L290	1/2" Top x 5/16"	29"	5.24
4L300	1/2" Top x 5/16"	30"	5.24
4L310	1/2" Top x 5/16"	31"	5.38
4L320	1/2" Top x 5/16"	32"	4.86
4L330	1/2" Top x 5/16"	33"	4.86
4L340	1/2" Top x 5/16"	34"	4.86
4L350	1/2" Top x 5/16"	35"	4.86
4L360	1/2" Top x 5/16"	36"	4.84
4L370	1/2" Top x 5/16"	37"	5.08
4L380	1/2" Top x 5/16"	38"	5.08
4L390	1/2" Top x 5/16"	39"	6.36
4L400	1/2" Top x 5/16"	40"	6.54
4L410	1/2" Top x 5/16"	41"	6.72
4L420	1/2" Top x 5/16"	42"	6.90
4L430	1/2" Top x 5/16"	43"	7.00
4L440	1/2" Top x 5/16"	44"	7.28
4L450	1/2" Top x 5/16"	45"	7.46
4L460	1/2" Top x 5/16"	46"	7.72
4L470	1/2" Top x 5/16"	47"	7.90
4L480	1/2" Top x 5/16"	48"	8.12
4L490	1/2" Top x 5/16"	49"	8.34
4L500	1/2" Top x 5/16"	50"	8.56
4L510	1/2" Top x 5/16"	51"	8.74
4L520	1/2" Top x 5/16"	52"	8.92
4L530	1/2" Top x 5/16"	53"	9.14
4L540	1/2" Top x 5/16"	54"	9.34
4L550	1/2" Top x 5/16"	55"	9.52
4L560	1/2" Top x 5/16"	56"	9.58
4L570	1/2" Top x 5/16"	57"	9.74
4L580	1/2" Top x 5/16"	58"	9.92
4L600	1/2" Top x 5/16"	60"	10.28

Motor Parts

Aluminum Propellers

Heavy Duty Condenser Type Fan Blades - 4-Blade



16-20" 22-24" 26"

1140 - 1725 RPM Range

Part #	Rot	Dia	Pitch	Price
60-7193-01	CW	16"	23°	Spec Ord
60-7194-01	CCW	16"	23°	Spec Ord
60-7195-01	CW	16"	27°	51.84
60-7196-01	CCW	16"	27°	Spec Ord
60-7605-01	CW	16"	33°	Spec Ord
60-7606-01	CCW	16"	33°	Spec Ord

850-1140 RPM Range

Part #	Rot	Dia	Pitch	Price
60-5581-01	CW	18"	27°	54.32
60-5582-01	CCW	18"	27°	67.92
60-5583-01	CW	18"	30°	54.32
60-5584-01	CCW	18"	30°	Spec Ord
60-5585-01	CW	18"	33°	54.32
60-5586-01	CCW	18"	33°	54.50
60-5587-01	CW	20"	27°	Spec Ord
60-5588-01	CCW	20"	27°	Spec Ord
60-5589-01	CW	20"	30°	66.54
60-5590-01	CCW	20"	30°	Spec Ord
60-5591-01	CW	20"	33°	58.56
60-5592-01	CCW	20"	33°	73.20
60-5593-01	CW	22"	27°	Spec Ord
60-5594-01	CCW	22"	27°	68.04
60-5595-01	CW	22"	33°	68.06
60-5597-01	CW	24"	27°	71.94
60-5598-01	CCW	24"	27°	71.70
60-5599-01	CW	26"	33°	71.70
60-5600-01	CCW	24"	33°	71.70

Heavy Duty Condenser Type Fan Blades - 5-Blade



12-20"

850-1140 RPM Range

Part #	Rot	Dia	Pitch	Price
60-5603-01	CW	16"	33°	Spec Ord
60-5607-01	CW	18"	33°	61.82
60-5611-01	CW	20"	33°	69.92
60-5612-01	CCW	20"	33°	69.92

* * *

Call For Availability On Other Blade Sizes

* * *

Propeller Accessories

Interchangeable Hubs



- All steel, hex one side, round on other
- Zinc plated & coated w/gold chromate
- Set screws are heat treated, black oxide
- Mounting screws zinc plated, heat treated, pan slotted w/nylock patch

Part #	Description	Price
60-7658-02	5/16" Hub	9.50
60-7658-03	3/8" Hub	9.50
60-7658-04	1/2" Hub	9.50
60-7658-05	5/8" Hub	Spec Ord
60-7658-06	3/4" Hub	9.80

Rainshields

- Reduces the potential of rain getting into the motor bearings on vertical shaft motor applications

Part #	Description	Price
60-3795-01	7" x 1/2"	7.62

Motor Parts

Blower Wheels

Galv Direct Drive Double Inlet Blower Wheels

- Universal replacement "DD" Preslok® wheels
- Dynamically balanced & forward curved
- Preslok® center disc construction
- Maximum RPM 1570



1/2" Bore Size - Convex

Part #	Model	Dia	Width	Center Rot	Price
013336-02	DD9-7A	9-15/16"	7-1/8"	CW	80.48
013336-03	DD9-7A	9-15/16"	7-1/8"	CCW	Spec Ord
013337-01	DD9-8A	9-15/16"	8"	CW	80.48
013326-01	DD10-6A	11-1/8"	6"	CW	90.02
013325-01	DD10-7A	11-1/8"	7-1/8"	CW	90.02
013324-01	DD10-8A	11-1/8"	8"	CW	77.06
013324-02	DD10-8A	11-1/8"	8"	CCW	90.02
026940-09	DD11-9A	12-1/4"	9-1/2"	CW	102.52
013693-25	DD12-9A	13-3/16"	9-1/2"	CW	120.12

1/2" Bore Size - Concave

Part #	Model	Dia	Width	Center Rot	Price
013332-01	DD9-9A	9-15/16"	9-1/2"	CW	80.48
013332-03	DD9-9A	9-15/16"	9-1/2"	CCW	80.48
013317-01	DD10-9A	11-1/8"	9-1/2"	CW	90.02
013316-02	DD10-10A	11-1/8"	10-5/8"	CW	77.16
013316-06	DD10-10A	11-1/8"	10-5/8"	CCW	77.16
026941-11	DD11-10A	12-1/4"	10-5/8"	CW	102.52
015565-07	DD12-12A	13-3/16"	12-5/8"	CW	120.12

Galv Belt Drive Double Inlet Blower Wheels

- Universal replacement Preslok® wheels
- For heating & air conditioning
- Maximum operating temperature 200°F
- Positive locking action



Two Hubs for CW or CCW Rotation

Part #	Model	Bore Size	Dia	Width	Price
008362-12	A10-9A	3/4"	11-1/8"	9-1/2"	Spec Ord
008360-12	A10-10A	3/4"	11-1/8"	10-5/8"	92.72
008360-16	A10-10A	1"	11-1/8"	10-5/8"	102.24
008403-10	A12-12A	5/8"	13-3/16"	12-5/8"	Spec Ord

* * *

Call For Availability On Other Wheel Sizes

* * *

Direct Drive Motor Mounts

Universal Brackets

- Includes mounting hardware



Part #	Type Motor	Blower Size	Price
028692-01	5-5/8" 48-Frame	10"	26.78

Housing Venturi Supported Brackets

- Adjusted f/motors 3-1/2" to 6-1/8" long
- Brackets will fit motors with 2-1/2" resilient mounting rings
- Hardware furnished



Part #	Type Motor	Blower Size	Price
38-2515-01	48-Frame, 56-Frame	10"	39.50

"Belly" Band Flex Mount



Part #	Type Motor	Blower Size	Price
054074-02	5-5/8" 48-Frame	9"/10"	24.72

Blower Parts

Steel Shaft Adapter Bushings - Zinc Finish

- For use with single inlet wheels

Part #	Dia OD	Dia ID	Length	Price
029421-02	3/8"OD	1/4"ID	1-1/16"	5.76
029421-06	5/8"OD	1/2"ID	1-15/16"	6.34

"Lau-Pack" Sleeve Sealed Type Bearings with Insulator

- Self aligning porous bronze sleeve



Part #	Shaft Dia	OD Over Rubber Cushion	Price
38-2443-01	5/8"	1-13/16"	29.06

Motor Parts

Blower Parts (Continued)

"Lau-Pack" Sleeve Sealed Type Bearings with Insulator

Part #	Shaft Dia	OD Over Rubber Cushion	Price
38-2443-02	3/4"	1-13/16"	31.96

Lau Oil Type Sleeve Bearings with Insulator

- Self aligning, self-oiling, w/bronze bushing
- Drive type oil cup



Part #	Shaft Dia	OD Over Rubber Cushion	Price
38-2404-01	5/8"	1-13/16"	33.26
38-2442-01	3/4"	1-13/16"	35.28
38-2442-02	1"	2-1/2"	Spec Ord

Oil Sleeve Bearings

(Replaces Brundage)

- Self oiling w/sintered bronze bushings & drive type oil cups



Part #	Shaft Dia	OD Over Rubber Cushion	Price
38-2696-01	3/4"	2-1/16"	32.82

Cartridge Type Sleeve Bearings

- Fit any "spider type" bracket used on 9", 10" & 12" blowers
- Sintered bronze bushing pressed into steel bearing caps & cushioned in neoprene conductive rubber



Part #	Description	Price
38-2091-01	3/4" Mark IV w/Thrust Collar & Spacer	39.38
38-2272-01	3/4" Mark III w/Journal	Spec Ord

Oil Type Sleeve Bearings with Insulator

- Self aligning, self-oiling, w/sintered bronze bushings & drive type oil cups



Part #	Shaft Dia	OD Over Rubber Cushion	Price
38-2450-01	3/4"	1-27/32"	33.70
38-2449-01	1"	1-27/32"	34.78
38-2094-01	1" Heavy Duty	2-1/2"	Spec Ord

Pillow Block Sleeve Bearings

- Heavy neoprene cushioned
- Porous bronze in pressed steel ball unit
- Self-aligning, static free & quiet operating
- Two 1/8" rubber spacers provided



Part #	Shaft Dia	Price
38-2086-01	3/4"	Spec Ord
38-2087-01	1"	Spec Ord

Sealed Type Ball Bearings with Insulator

- For use where operating conditions exceed limits of sleeve bearings or where repetitive failures occur
- -20°F to +180°F temperature range
- With interlocking thrust collar



Part #	Shaft Dia	OD Over Rubber Cushion	Price
38-2588-01	3/4"	1-13/16"	85.76
38-2590-01	1"	2-17/32"	Spec Ord

Thrust Sleeve & Spacer Kit

- Eliminates end play on sleeve bearing blowers
- Replaces old style spring design
- Plastic sleeve w/assortment of spacers



Part #	Description	Price
38-2203-01	3/4" Thrust Sleeve	11.92

Motor Parts

Thrust Collar Kit

- Sheet metal thrust collar, hollow head (allen) set screws
- Consists of one pair w/thrust washers



Part #	Description	Price
38-2431-01	5/8" Thrust Collar Kit	15.10
38-2206-01	3/4" Thrust Collar Kit	14.92
38-2207-01	1" Thrust Collar Kit	15.62

Thrust Spacer Kit

- Packaged 12/bag



Part #	Description	Price
38-2491-02	3/4" Thrust Spacer Kit	Spec Ord
38-2491-03	1" Thrust Spacer Kit	11.66

Vibro-Pads - 5/16" Hole

- Resilient rubber pads
- Reduces vibration, wear & noise on blowers



Part #	Description	Price
38-2209-01	1 Dozen Vibration Pads	Spec Ord

Motor Adjustment Grommets

- Resilient rubber tips for use w/tailpiece assembly to reduce motor vibration & noise



Part #	Description	Price
38-2525-01	Grommet 5/bag	Spec Ord

Shafts

- Excess shaft may be cut off



Part #	Diameter x Length	Price
38-2096-01	3/4" x 20" Solid Shaft	29.32
38-2693-01	3/4" x 35" Solid Shaft	Spec Ord
38-2095-01	1" x 25" Solid Shaft	Spec Ord
38-2492-01	1" x 35" Solid Shaft	Spec Ord

Variable Pitch Motor Pulleys

- Precision built for perfect balance
- Permits speed variation of approx 30%
- Standard keyway on all except 1/2"



Part #	Shaft Size	OD	Material	Price
270-069-01	1/2"	3-1/4"	Cast Iron	28.60
270-072-01	5/8"	3-1/4"	Cast Iron	Spec Ord
270-089-17	1/2"	4"	Cast Iron	35.12
270-089-12	5/8"	4"	Cast Iron	Spec Ord

Blower Pulleys (Fixed Pitch)

- Tested for smooth, true running to insure quiet operation & long belt life
- Standard keyway on all except 5/8" bore



Part #	Shaft Size	Dia	Material	Price
38-2507-01	5/8"	5"	Steel	22.40
38-2213-01	3/4"	5"	Steel	Spec Ord
38-2615-01	1"	5"	Steel	23.34
38-2508-01	5/8"	6"	Steel	28.18
38-2214-01	3/4"	6"	Steel	Spec Ord
38-2446-01	1"	6"	Steel	Spec Ord
38-2216-01	1"	7"	Steel	Spec Ord
38-2510-01	5/8"	8"	Steel	30.96
38-2217-01	3/4"	8"	Steel	30.96
38-2220-01	1"	9"	Steel	35.72
38-2222-01	1"	10"	Steel	Spec Ord
38-2606-02	1"	11"	Steel	36.32
38-2617-01	1"	12"	Steel	61.38

SP Sensible Products

Blade & Wheel Puller

- Sight holes are machined on an angle & can be used to center pulling bolt on the motor shaft
- Hooks are made from 1/4" hex stock & can be used to tighten set screws
- Hook will not fall off the puller



Part #	Description	Price
UP-1	"The Ultimate Puller"	87.00

Flex Duct Connectors, Tools - Duro Dyne

Flexible Duct Connectors

Metal-Fab Connectors - 24 Gauge





GUARD

Part #	Mfg #	Description	Price
MBX4-100	10159	Black Excelon	3.58
FFF-100	10266	Excelon	296.40

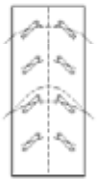
Junior Connectors - 28 Gauge

Part #	Mfg #	Description	Price
JBX-100	10169	Black Excelon	2.94

Econ-O-Fab Connectors - 28 Gauge

Part #	Mfg #	Description	Price
EBX-100	10171	Black Excelon	318.00

Duro Vane Rails



Part #	Mfg #	Description	Price
VR2 RAIL	VR-2	Continuous Coil 100'	164.22

Rapit™ Regulators

- Includes
  - 1 Spring Bearing, 1 Washer, Handle & Wing Nut



Part #	Mfg #	Description		Price/Each
8086	RS156	Regulator	10/Carton	17.80

Dyna-Tite™ Duct Hanging

Wire Rope Cable



Part #	Mfg #	Description	Price
30204	WC4	1/8" x 500'	163.54
30206	WC6	3/16" x 250'	194.18

Dyna-Tite™ CL23 Cable Lock

The Hanging Solution for HVAC Installations

- The newest, fastest, & most reliable way to secure duct work & equipment
- With 1/8 wire rope the load range is 250 lbs
- With 3/16 wire rope the load range is 640 lbs



Part #	Mfg #	Description	Price
30350	CL23	Cable Lock	7.70

Dyna-Tite™ Cable Cutter

- Storage catch
- Spring loaded for ease of use
- 5" Long handles for high leverage
- Hardened steel blades for durability
- Vinyl coated handles



H.K.Porter®

Part #	Mfg #	Description	Price
894075	0690TN	3/16" Capacity Cutter	72.80

Eyebolts

- Eyebolt & nut



Part #	Mfg #	Description	Price
30220	DDG3W	3/8"-16 x 2-1/2"	4.62

Stripper/Cleaner



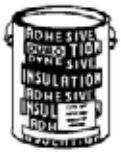
Part #	Mfg #	Description	Price
27147	27147	Stripper-Cleaner	18.70

Flex Duct Connectors, Tools - Duro Dyne

Insulation Adhesives

Water Based Insulation Adhesives

- For bonding insulation to sheet metal
- Fast tack & water based adhesive
- Non-flammable wet
- Designed for use with spray equipment



Part #	Mfg #	Description	Price
WIT-5	WIT-5	5 gal WIT, White Color	178.00

ASA-W Aerosol Adhesives

- For bonding insulation material to sheet metal
- Fast tacking, non-flammable
- Solvent cement

Part #	Mfg #	Description	Price
5015	ASA-W	1 gal Solvent	20.96

Insultube Glue

- Amber, 200-300 CPS viscosity
- Bonding range to 20 minutes
- Extremely flammable



Part #	Mfg #	Description	Price
RUB-GLUE	CC-100	1 pt Insultube Glue	20.98

2-J's HVAC University

provides

You – Our Partner

affordable & convenient training for the latest innovations in our industry

Insulation Fasteners

DynaStick Self Adhesive Hangers w/Steel Washers



Part #	Mfg #	Description	Pack	Price/Pack
SAH34	SAH34	3/4"	100	37.04
SAH134	SAH134	1-3/4"	100	37.04

Standard Bangers™



- Impact driven fasteners

Part #	Mfg #	Description	Pack	Price/Pack
BGT-12	BGT-12	1/2" - 2 lb	1000	134.40
BGB-12	BGB-12	1/2" - 2 lb	5000	621.56
BGB-100	BGB-100	1" - 2 lb	5000	727.16
26156	PBC-12	1/2" - Pail	5000	434.76
26157	PPG-100	1" - Pail	5000	494.20

Cable Ties

Extra Heavy-Duty Cable Ties



Part #	Mfg #	Size	Material	Color	Price/Each
L36-175	L-36-175-9-L	36"	Nylon	White	0.36
L48-175	L-48-175-8-L	48"	Nylon	Gray	0.90

Duct Sealants / Duct Tape

Mastic Duct Sealants

Versa-Grip™ 102



- Indoor/outdoor use
- All pressure classes

Part #	Mfg #	Description	Price
VG102-4	VG-102-4	1 gal White Water Base	37.12

Duct-Seal™ 321

- Indoor/outdoor use
- All pressure classes
- UL classified

Part #	Mfg #	Description	Price
321-4	DS-321	1 gal Gray Water Base	26.28

Sure-Grip™ 404



- Indoor use only
- All pressure classes
- UL classified

Part #	Mfg #	Description	Price
SG-404	SG-404-4	1 gal Gray Solvent Base	41.44

Iron-Grip™ 601

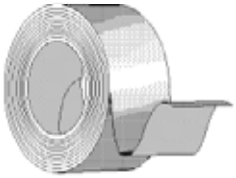
- Indoor/outdoor use
- All pressure classes
- UL classified

Part #	Mfg #	Description	Price
601-25	601-25	11 oz Tube Water Base	8.24
601-4	601-4	1 gal Water Base	53.70

Rolled Elastomeric Duct Sealants

Foil-Grip™ 1402

- Indoor/outdoor use
- Pressure sensitive, UL classified



Part #	Mfg #	Description	Price
1402-181-BFX	AFG-1402-3	3" x 100'	Spec Ord

Foil-Grip™ 1403

- Indoor/outdoor use
- Pressure sensitive, UL classified

Part #	Mfg #	Description	Price
1403-181-BFX	309780	3" x 100'	59.72

Duct Liner Adhesives

Glas-Grip™ 636

- Spray booth formulation
- Roll, spray or brush
- UL classified

Part #	Mfg #	Size	Price
636SE-4	636-SE	1 gal Red Solvent Base	34.86

Nashua

Duct Tape

357 Premium Duct Tape

- Tape of choice for professional contractors
- Superior tensile strength
- Tears straight, hangs straight, curl resistant
- Outstanding performance over a wide range of temperatures



Part #	Description	Price
357 2	2" x 60 yd	24.40

365 Premium Duct Tape

- Easy to apply - no liner
- Extremely conformable, very aggressive adhesive
- Backing matches metal surfaces
- Used to match & close aluminum, steel & other types of metal



Part #	Description	Price
365 2	2" x 60 yd	20.00

Tape

398 Multi-Purpose Duct Tape

- Conforms well to irregular surfaces
- Excellent adhesion to a wide variety of surfaces
- Tears straight, hangs straight, curl resistant
- Easy unwind



Part #	Description	Price
398 2	2" x 60 yd Silver	13.16
398 4	4" x 60 yd Silver	25.48

Cloth Duct Tape

345 Cloth Duct Tape

- Professional grade, waterproof with aggressive adhesive for wide range of temperatures
- Natural rubber adhesive
- Meets UL 723

Part #	Description	Price
345 2 BLACK	2" x 60 yd Black	19.04

HVAC Cloth Duct Tape

VentureTape



Part #	Description	Price
1599B-B	2" x 120 Yd Black	16.58
1599B-S	2" x 120 Yd Silver	16.58

Aluminum Foil Tape

322 Premium Foil Tape

- Dead-soft with aggressive adhesive
- 2 mil Aluminum foil backing
- Conformability to curved surfaces



Part #	Description	Price
322 2	2" x 50 yd	14.98
322 3	3" x 50 yd	21.38

324A Premium Foil Tape - Printed

- 2 mil Aluminum foil tape (w/liner) for HVAC applications
- Excellent shear & peel adhesion
- Meets UL 181 A-P standard for use as a closure material on fiberglass duct systems



Part #	Description	Price
324 2.5	2-1/2" x 60" yd	27.30

Metal Foil Tape

FSK Foil/Scrim/Kraft Tape

- Tri-directional reinforcing scrim
- Adhesive is protected by a bleached Kraft release liner
- Matches tri-directional FSK facings
- High strength reinforced facestock
- Meets requirements of UL 723



Part #	Description	Price
FSK 3	3" x 50 yds	20.32

Tape Squeegee for Foil

Part #	Description	Price
SQUEEGE	Tape Squeegee	1.36

Construction Stucco Pipe Wrap Tape

POLYKEN®



Part #	Description	Price
827 2	2" x 36 yds	19.14

PVC Electrical Tape

- UL listed
- High quality all-purpose black vinyl 7 mil
- Maximum voltage: 600V

BRAMEC®



Part #	Description	Price
13229	3/4" x 60' Roll	1.58

Smoke Candles / Miscellaneous Specialty

Smoke Candles

- Generate smoke by chemical reaction to pinpoint leaks in heating and air conditioning duct work
- Color varies from white to gray depending on density and lighting



Part #	Description	Coverage	Price
SM CANDLE	30 Sec	4,000 cu ft	8.54

Smoke Bombs

- Emits dense oil-free non-toxic smoke
- Easily locates leaks in furnaces & ductwork
- Non-explosive, packaged in sealed capsules



Part #	Description	Coverage		Price
0117	75 Sec	600 cu ft	10/Pkg	27.38

Dolly Strap

- Move condensing units with ease
- Use in warehouse or job site



Part #	Mfg #	Description	Price
DS-1	DS-1	Dolly Strap	26.78

No Wait Service at 2-J

Tell Us When You'll Be Here, Your Order Will Be Ready

BOCA Mechanical Code Books

Part #	Mfg #	Description	Price
BOCA OHIO	3300L050H	2006 Ohio Mechanical Code	197.00
INT MECH	3300S03	2006 International Mechanical Code	138.10

Modern Refrigeration Book

Part #	Mfg #	Description	Price
642-0	MR10	Modern Refrigeration Book	Spec Ord

Maps

Part #	Mfg #	Description	Price
DAYTON ENGELS G		Dayton Ohio	39.90

Equipment Manual Holders

Part #	Mfg #	Description	Price
HOLDER	46912	9" x 12" Clear	3.30

Sharpie Marker



Part #	Mfg #	Description	Price
MARKER	30001	Fine Black Marker	2.80

Felt Tip Markers

- Tough durable tips
- Water resistant



Part #	Mfg #	Description	Price
16182	16182	Black #80	6.06

Hardware

Anchor Kits

EPA Plastic Anchor Kits



- With pan head sheet metal screws with combination heads
- Plastic anchors
- Masonry drill bit included
- High impact reusable plastic case

Part #	Anchor Sz	Screw Sz	Qty	Price/Box
EPA4	1/4 x 1	10 x 1-1/4	100/Box	15.22
EPA6	5/16 x 1-3/8	14 x 1-1/4	100/Box	15.94

EPA Anchor Kits With Hex Washer Screws



- With hex washer screws
- Masonry drill bit included
- Reusable plastic case

Part #	Anchor Sz	Screw Sz	Qty	Price/Box
EPA4H	1/4 x 1	10 x 1-1/4	100/Box	16.64

ECA Plastic Anchor Kits



- With pan head sheet metal screws with combination heads
- Plastic anchors
- Masonry drill bit included
- High impact reusable plastic case

Part #	Anchor Sz	Screw Sz	Qty	Price/Box
ECA4	1/4 x 1	10 x 1	100/Box	11.15

ENA Vinyl Anchor Kits



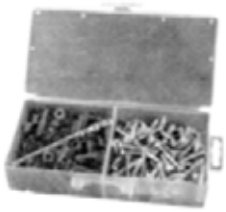
- With pan head sheet metal screws with combination heads
- Vinyl anchors
- Masonry drill bit included
- High impact reusable plastic case

Part #	Anchor Sz	Screw Sz	Qty	Price/Box
ENA4	1/4 x 1	10 x 1	100/Box	16.90

Plastic Anchor Kits

- Kit made of shatter proof plastic
- Has slot f/hanging on peg-board

BRAMEC®



Part #	Description	Price/Box
6607	3/16" x 7/8" Phillips/Slot Pan Head, 100/Kit	10.50

Tapcon® Concrete Anchoring System

- Two-Stage thread form
- Hi-lo plus threads & nail-type point
- Contains 100 tapcons & 1 carbide tip drill bit



BRAMEC®

Part #	Description	Price/Box
17734	3/16" x 1-1/4" Hex Washer Head Tapcon	29.66

Sheet Metal Nails

BRAMEC®

- 1-1/4" panning nails
- Blued, hardened



Part #	Description	Price/Box
16778	5 Lb Panning Nails	27.98



Sheet Metal Screws are in the "Tools" Section of this catalog

Hardware

Ideal Hose Clamps

IDEAL



Hy-Gear® Clamps

Part #	Clamp Dia		Price/Each
HC5010	7/16" - 1-1/16"	(611-010)	1.04
HC5016	1/2" - 1-1/2"	(611-016)	1.52
HC5020	3/4" - 1-3/4"	(611-020)	1.52
HC5024	1" - 2"	(611-024)	1.52
HC5036	1-3/4" - 2-3/4"	(611-036)	1.66

Micro-Gear® Clamps

Part #	Clamp Dia		Price/Each
HC6202	7/32" - 5/8"	(325-004)	0.80
HC6203	5/16" - 7/8"	(325-006)	0.72

Wire Ties

Black Weather Resistant Wire Ties



Part #	Description	Qty	Price/Box
EWT6UV	7-1/2"	100/Pak	6.58

Standard Self-Locking Wire Ties



Part #	Description	Qty	Price/Box
EWT5	6"	100/Pak	5.80
EWT6	8"	100/Pak	7.84
EWT11	12"	100/Pak	15.68

Self-Locking Mounting Wire Ties



Part #	Description	Qty	Price/Box
EWT6M	8"	100/Pak	12.40

Rod Couplings



Part #	Description		Price/Each
3/8-16	3/8-16 Zinc Plated	Each	1.20

Nuts



Part #	Description	Qty	Price/Box
EHN5C	1/4-20	100/Box	4.72
EHN7	3/8-16 Hex Nut	50/Box	Spec Ord
EHN8	1/2-13 Hex Nut	50/Box	12.10

Washers



Lock Fender Standard

Part #	Description	Qty	Price/Box
ELW11C	1/4" Lock	100/Box	Spec Ord
ELW14C	3/8" Lock	100/Box	5.70
ELW16C	1/2" Lock	50/Box	5.04
E20-7C	1/4" x 7/8" Fender	100/Box	9.64
E20-11C	3/8" x 1" Fender	100/Box	8.98
ESW3C	1/2" Standard	50/Box	9.64

Round Head Machine Screws (Bolts)

- Slotted, zinc-plated



Part #	Description	Qty	Price/Box
RH1/4X11/2C	1/4" x 1-1/2"	50/Box	4.50
RH1/4X2C	1/4" x 2"	50/Box	9.84
RH3/8X1C	3/8" x 1"	100/Box	19.30

Tie Downs

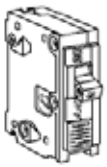
Part #	Description	Price/Each
TD15	15" Tie Downs	2.00
TD21	21" Tie Downs	2.46
TD31	31" Tie Downs	3.12
TD41	41" Tie Downs	4.28

Circuit Breakers

Breakers Unlimited

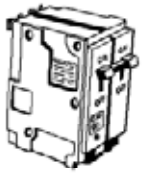
Cutler-Hammer Breakers

Small Frame - Plug On - Single Pole



Part #	Description	Price
CH115	15 AMP-120 VAC	13.34
CH120	20 AMP-120 VAC	13.34
CH130	30 AMP-120 VAC	13.34

Small Frame - Plug On - Double Pole



Part #	Description	Price
CH220	20 AMP-240 VAC	33.32
CH230	30 AMP-240 VAC	32.62
CH245	45 AMP-240 VAC	33.32
CH240	40 AMP-240 VAC	33.32
CH250	50 AMP-240 VAC	33.32
CH260	60 AMP-240 VAC	33.32

Twin Breaker

Part #	Description	Price
CHT1515	15 AMP/15 AMP	47.62
CHT2020	20 AMP/20 AMP	47.62

Siemens/ITE Circuit Breakers

Universal Single Pole

Part #	Description	Price
BU115	15 AMP-120 VAC	9.98
BU120	20 AMP-120 VAC	9.84
BU130	30 AMP-120 VAC	9.84

Universal Double Pole



Part #	Description	Price
BU220	20 AMP-240 VAC	21.98
BU225	25 AMP-240 VAC	23.00
BU230	30 AMP-240 VAC	21.98
BU245	45 AMP-240 VAC	23.00
BU240	40 AMP-240 VAC	23.00
BU250	50 AMP-240 VAC	23.00
BU260	60 AMP-240 VAC	21.98

Twin Breaker

Part #	Description	Price
BU1515	15 AMP/15 AMP	23.00
BU2020	20 AMP/20 AMP	23.00

Push-A-Matic - Single Pole

Part #	Description	Price
PUSH115	15 AMP-120 VAC	65.56
PUSH120	20 AMP-120 VAC	65.56

Push-A-Matic - Double Pole

Part #	Description	Price
PUSH220	20 AMP-240 VAC	153.90
PUSH230	30 AMP-240 VAC	153.90
PUSH240	40 AMP-240 VAC	153.90
PUSH250	50 AMP-240 VAC	153.90
PUSH260	60 AMP-240 VAC	153.90

Push-A-Matic Twin

Part #	Description	Price
P1515	Breaker Piggyback 15 AMP Twin	160.00
P2020	Breaker Piggyback 20 AMP Twin	160.00

Circuit Breakers

Square D Circuit Breakers

Universal Small Frame - Plug On - Single Pole



Part #	Description	Price
HOM115	15 AMP-120 VAC	12.44
HOM120	20 AMP-120 VAC	12.66
HOM130	30 AMP-120 VAC	12.64

Universal Small Frame - Plug On - Double Pole



Part #	Description	Price
HOM220	20 AMP-240 VAC	29.98
HOM230	30 AMP-240 VAC	29.96
HOM240	40 AMP-240 VAC	29.98
HOM245	45 AMP-240 VAC	29.98
HOM250	50 AMP-240 VAC	29.98
HOM260	60 AMP-240 VAC	29.96

Small Frame - Plug On - Single Pole



One-pole QO
Circuit Breaker

Part #	Description	Price
QO115	15 AMP-120 VAC	16.88
QO120	20 AMP-120 VAC	19.00
QO130	30 AMP-120 VAC	19.00

Small Frame - Plug On - Double Pole



Two-pole QO
Circuit Breaker

Part #	Description	Price
QO215	15 AMP-240 VAC	39.96
QO220	20 AMP-240 VAC	38.90
QO230	30 AMP-240 VAC	38.90
QO240	40 AMP-240 VAC	41.92
QO245	45 AMP-240 VAC	36.90
QO250	50 AMP-240 VAC	41.92
QO260	60 AMP-240 VAC	38.90

Twin Breaker



Part #	Description	Price
QO1515	15 AMP/15 AMP	85.34
QO2020	20 AMP/20 AMP	106.70

All Items Not Stocked in All Branches - Call for Availability

Circuit Breakers

American/FPE Circuit Breakers

Slim Small Frame Plug On - Double Pole

Part #	Description	Price
FPE220S	20 AMP-240 VAC	275.06
FPE240S	40 AMP-240 VAC	275.04

FPE Single Pole

Part #	Description	Price
FPE115	15 AMP-120 VAC	129.22
FPE130	30 AMP-120 VAC	129.22

FPE Double Pole

Part #	Description	Price
FPE220	20 AMP-240 VAC	275.06
FPE230	30 AMP-240 VAC	153.98
FPE240	40 AMP-240 VAC	153.84
FPE245	45 AMP-240 VAC	275.08
FPE250	50 AMP 240 VAC	275.04
FPE260	60 AMP-240 VAC	153.84

Circuit Breakers

ESP



Part #	Description	Price
POP3	3 AMP Control	19.60
POP5	5 AMP Control	19.60

Main Circuit Breakers

QO® Load Centers
Indoor - Single Phase

- Factory installed Indoor main lugs
- NEMA 1
- UL Listed
- Main Circuit Breaker (Order QO, QOT, QO-EPD, QO-GFI, QO-AFI and QO-PL branch Circuit Breakers

SQUARE D



Part #	Description	Price
QO2L30S	240V 30A 2 Branch Spaces, 2 Max Branch Circuits	44.90

Hand Cleaners / Safety Products

Hand Cleaners

GOJO® Original Formula Hand Cleaner

- Contains no harsh solvents
- Formulated w/Vitamin E, lanolin & aloe



Part #	Description	Price
GOJO	18 oz Tub	8.84

All-Purpose Wipes

WypAll® Plus All-Purpose Wipes

- 9.8" x 16.4" white wipes
- Strong yet soft wipes suitable for almost any wiping task



Part #	Description		Price
WIPES	Pop-Up Box	100/Box	30.62

Kimtowels®

- 4-Ply
- Rough side for tools & equipment; Soft side for hands



Part #	Description		Price
BWIPES	Brown Wipes	80/Box	28.10

"Rough Touch" Scrubs-In-A-Bucket

- Pumice performance
- Can be used with or without rinse

Part #	Description	Price
SB72	72 Sheets	29.90

Dust Masks



Part #	Description	Price
19662	Economy Non-Toxic Particle (3M Part #8500)	0.24

Tyvek® Shoe Covers

- Slip resistant sole



Part #	Description	Price
19807	X-Large Shoe Covers (Pair)	0.50

Safety Goggles

- Fits over prescription glasses
- Perforated frame reduces fogging



Part #	Description	Price
14061	Safety Goggles (3M Part #6400)	12.80

First Aid Kit



Part #	Description	Price
19694	10 Person	58.36

Wasp & Hornet Spray

- Jet stream instantly kills wasps, hornets, bees, yellow jackets & spiders from a distance of up to 10 feet

Parker VIRGINIA



Part #	Size	Price
BEE-WASP	14 oz	20.44

Gloves

Gloves



J124



S284

Part #	Description	Price
BJ	Brown Jersey (Untagged) 9oz	2.76
P230	Pigskin Thinsulate	17.48
5071	Premium Leather Palm Heavy Duty Work	5.58

KLEIN TOOLS.

Journeyman Framer Gloves (K2)

- Fingerless design on thumb, index and middle finger
- DURA-FIT™ synthetic leather palm
- Non-slip rubberized finger grippers
- Stretch fabric panels between fingers
- Easy-entry Neoprene cuff
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure



JOURNEYMAN

Part #	Description	Price
40058	Large	47.98
40059	Extra Large	47.98

Journeyman Leather Work Gloves (K4)

- Genuine Goatskin professional-grade leather
- Two-way form-fitting spandex top
- Molded Thermal Plastic Rubber (TPR) ribs offer flexible protection for back of hand and fingers
- Lightly padded palm
- Easy-entry elastic cuff
- Stretch knuckle with foam padding
- Thermal Plastic Rubber (TRP) cuff strap with hook and loop closure



JOURNEYMAN

Part #	Description	Price
40068	Large	67.98
40069	Extra Large	67.98

Airgas.

Gloves

Work Gloves With Blue Non-Slip Palms



Part #	Description	Price
BJ BLUE MED	Medium With Blue Palm	3.48
BJ BLUE	Large With Blue Palm	3.48

Best® Blue N-DEX® Rubber Gloves

- Lightly powdered
- Beaded & rolled cuff
- Stands up to tears, snags & intermittent exposure or light splash of broad range chemicals



Part #	Description	Price
7005XL	XL, 4 Mil, 100 Per Box	37.12

Alcohol Prep Pads

Part #	Description	Price
PREP PAD	Box of 10	2.98

2-J's Commitment to You:

Quality Products
+ Exceptional Service
+ Competitive Prices
= 2-J Value

Conduit

Greenfield Flexible Conduit



Part #	Description	Price
7453	1/2" x 100' Aluminum, Metallic	1.46
7454	3/4" x 100' Aluminum, Metallic	1.96

EMT Conduit

Part #	Description	Price
EMT12	1/2"	10.18
EMT34	3/4"	17.54

LiquidTite Flexible Conduit

Part #	Description	Price
7450	1/2" x 100' Roll, Metallic	1.76
7440	1/2" x 100' Roll, Non-Metallic, UL Listed	0.74
7441	3/4" x 100' Roll, Non-Metallic, UL Listed	1.02
7442	1" x 100' Roll, Non-Metallic, UL Listed	4.66

LiquidTite Fittings

Metallic LiquidTite Fittings

- With Push-In & Snap-Tite no locknut to lose
- Push-In & Snap-Tite speed installation
- Snap-Tite can be easily removed if necessary
- UL listed



7504 15065/15066 15068

Part #	Description	Price
15065	1/2" Straight, Lock-Nut, Multi-Piece	2.24
15066	3/4" Straight, Lock-Nut, Multi-Piece	3.44
7504	1/2" 90°, Locknut, Single-Piece	7.90
15068	3/4" 90° Elbow, Lock-Nut, Multi-Piece	6.84

Non-Metallic LiquidTite Fittings

- With Push-In & Snap-Tite no locknut to lose
- Push-In & Snap-Tite speed installation
- Snap-Tite can be easily removed if necessary



13170/13171 13172/13173 13175

Part #	Description	Price
13170	1/2" Straight Lock-Nut	1.84
13171	3/4" Straight Lock-Nut	3.08
13174S	1" Straight Lock-Nut	6.68
13174	1/2" 45° Elbow Lock-Nut	3.50
13172	1/2" 90° Elbow Lock-Nut	2.78
13173	3/4" 90° Elbow Lock-Nut	4.12
13175N	1" 90° Elbow Lock-Nut	15.36

Screw-In Metal Fitting

- Built-in gasket
- Listed for metallic & non-metallic liquid-tite conduit



Part #	Description	Price
19021	1/2"+E3877 Metal Connector	Spec Ord

Thinwall Fittings (E.M.T)

Rain Tight Thinwall Fittings



7512/7513



7516/7517

Part #	Description	Price
7528	1/2" 90° Elbow	5.28
7512	1/2" Connector, COMP Type	2.94
7516	1/2" Coupling, COMP Type	2.20
7513	3/4" Connector, COMP Type	4.26
7517	3/4" Coupling, COMP Type	5.70

Electrical

Concrete Tight Thinwall Fittings - Set Screw Type



7521/7520



7524

Part #	Description	Price
7520	1/2" Connector	1.60
7521	3/4" Connector	2.98
7524	1/2" Coupling	1.64
7525	3/4" Coupling	1.74

Rigid Conduit Fittings



7548/7479



14354

Part #	Description	Price
7548	1/2" Threaded Conduit Elbow, Oval Body (Type LB) With Cover & Gasket	17.38
7549	3/4" Threaded Conduit Elbow, Oval Body (Type LB) With Cover & Gasket	22.40
14354	1/2" Conduit Nipples	0.76

Greenfield & BX Connectors



Straight



Elbow



7574

Part #	Description	Price
7565	1/2" Straight	2.56
7566	3/4" Straight	2.98
XC-273	1" Straight	10.20
XC-274	1-1/4" Straight	11.92
XC-275	1-1/2" Straight	17.30
7568	3/8" 90° Elbow	2.18
7569	1/2" 90° Elbow	3.12
7570	3/4" 90° Elbow	5.16
XC-293	1" 90° Elbow	8.70
XC-294	1-1/4" 90° Elbow	15.00
XC-295	1-1/2" 90° Elbow	36.10
7574	3/8" Combination Box (BX & RX)	1.00

Electrical Romex Connectors



Part #	Description	Price
7575	3/8" Romex Connector, 1/2" KO	1.12
7576	3/4" Romex Connector	2.50

Cable Strap/Staples



7579/7580



16255



ST45

Part #	Description	Price/Box
7579	1/2" Nail In Plastic Cable Clamp 250/Box	22.00
7580	3/4" Nail In Plastic Cable Clamp 250/Box	28.28
16255	1/2" Romex Staples 100/Box	7.18
ST45	For 10-2 Wire 100/Box	4.60

Thermostat Wire Staples



Part #	Description	Price/Box
14838	#5 Coppered 100/Box	4.16

Reducing Washers



Part #	Size	Price
7552	3/4" x 1/2"	0.12
7553	1" x 1/2"	0.24
7554	1" x 3/4"	0.20
14871	1-1/2" x 1-1/4"	0.46

Electrical

E.M.T. Steel Strap



1-Hole Strap



2-Hole Strap

Part #	Description		Price
7544	1/2" EMT	1-Hole	0.26
7545	3/4" EMT	1-Hole	0.26
14839	1" EMT	1-Hole	0.40
20145	1-1/4" EMT	1-Hole	0.82
20146	1-1/2" EMT	1-Hole	1.12
14850	1/2" EMT	2-Hole	0.10
20156	3/4" EMT	2-Hole	0.16
20157	1" EMT	2-Hole	0.16
20158	1-1/4" EMT	2-Hole	0.46
14855	2" EMT	2-Hole	1.04

Conduit Hanger



Part #	Description	Price
7478	Size 0 Fits 3/8"-1/2" HW, 1/2" TW	0.58
7479	Size 1 Fits 3/4" HW/TW	0.78

Cable Clamps

- Point of purchase packaging



Part #	Description		Price/Pkg
13771	3/8"	28/Pkg	Spec Ord
13772	3/8"	100/Pkg	7.02
13775	1/2"	18/Pkg	2.54
13776	1/2"	100/Pkg	8.02

Stranded Copper Wire

- THHN wire



Part #	Description			Price/Coil
13870	14 Ga	Red	20' Coil	Spec Ord
13875	12 Ga	Red	15' Coil	Spec Ord
13880	10 Ga	Red	10' Coil	Spec Ord
13881	10 Ga	Black	10' Coil	Spec Ord

Wire Nuts

Screw-On Wire Connectors

- Heat resistant up to 221°F
- Resists practically all chemical action
- Unaffected by gasoline, oils, diluted acids & alkaline solutions



Part #	Description			Price/Box
8650	Grey	#22 - #16 AWG	100/Box	5.06
8651	Blue	#22 - #14 AWG	100/Box	5.38
8652	Orange	#22 - #14 AWG	100/Box	7.46
8653	Yellow	#18 - #12 AWG	100/Box	8.24
8654	Red	#18 - #10 AWG	100/Box	13.52

Winged Wire Nuts



Part #	Description			Price/Box
18194	#30-341 Tan	#14 - #8 AWG	100/Box	39.08

Set-Screw Wire Connectors

- Rated for 600V maximum
- Solid brass sleeves
- UL Listed & CSA Certified



Part #	Description		Price/Box
30-222	Min 2 #14, Max 4 #12	100/Box	1.98

Electrical

Fish Tape

- Nylon safety band prevents tape pop-out
- Reel made of shatterproof Cycolac



Part #	Size	Price
18498	50'	67.62

Box Cover Units with Switch

- 250V or less (150V to ground)
- For motors 1/2 HP or smaller 125V



Part #	Description	Price
5844	SSU For 2-1/4" Handy Box	31.24

Steel Electrical Boxes



Octagon Box



Square Box



Handy Box

Part #	Description	Price
7584	4" Octagon, 2-1/8" Deep, 1/2 & 3/4" KO's	6.30
7588	4" Square, 2-1/8" Deep, 1/2 & 3/4" KO's	8.94
7596	4" Handy Box, 2-1/8" Deep, 1/2" KO's	3.84

Electrical Receptacles



8612



Dual



GFI

Part #	Description	Price
8612	15A, 125V Brown, Premium Duplex	5.22
15A250V	15 Amp 250 Volt Style C	6.76
5320-ICP	Dual Ivory	1.80
8599I	15 Amp GFI	33.28
8625	Toggle & Receptacle	14.30
9726C	Receptacle Light-Chain Indoor	13.50

Steel Electrical Box Covers



7601 7607 7609 7610



7620 7621 7622

Part #	Description	Price
7601	Flat Blank For 4" Octagon Box	1.08
7607	Flat Blank For 4" Square Box	1.56
7609	Toggle Switch 1-H For 4" Square Box	3.68
7610	Duplex Receptacle 1-H For 4" Square Box	3.38
7612	Switch & Duplex Receptacle For 4" Square Box	2.72
7620	Duplex Receptacle For Handy Box	1.18
7621	Toggle Switch 1-H For Handy Box	1.04
7622	Blank For Handy Box	1.08

Electrical Switches

Standard Toggle Switches

- Combination of side wiring & push-in wiring
- Framed toggle



Part #	Description	Price
15220	120V 15A Grounded, Ivory	2.48

Premium Toggle Switch

- Side wired



Part #	Description	Price
16309	120/277V, DP 20A Grounded, Brown	8.88

Electrical

Electrical Supply

3 To 2 Wire Adapters



Part #	Description	Price
8525	Bulk Pack, Priced Each	1.04

Armored Vinyl Plug

Part #	Description	Price
8641	15A 125V, 12-18 Gauge	7.78

Extension Cord Adapters

Part #	Description	Price
A1402-003-YW	GFI 15 AMP Triple Tap	66.70

Drop Light Cords



Part #	Description	Price
C3716-025-OR	25'	30.80
C3716-050-OR	50'	51.30

Extension Cords



Part #	Description	Price
C4312-050-YW	50' 12/3 Wire	77.98
C4312-100-YW	100' 12/3 Wire	130.60

Terminals

Vinyl Insulated Rings

- Point of purchase packaging



Part #	Description			Price
13460	12-10 Wire	10 Stud	100/Pkg	19.38
13461	12-10 Wire	1/4 Stud	12/Pkg	3.56

High Temperature Ring (900°F)

- Point of purchase packaging



Part #	Description			Price
13592	12-10 Wire	10 Stud	20/Pkg	3.56

High Temperature Spade (900°F)



Part #	Description		Price
13602	16-14 Wire	30/Pkg	3.56
13604	12-10 Wire	20/Pkg	3.56

Vinyl Insulated Spades

- Point of purchase packaging, 100/pkg



Part #	Description			Price
13476	16-14 Wire	8 Stud	100/Pkg	15.76
13478	16-14 Wire	10 Stud	100/Pkg	14.68

Female Disconnects - Non-Insulated Butted Seam

- Point of purchase packaging



Part #	Description			Price
13548	12-10 Wire	.250 Tab	30/Pkg	3.56

Female Disconnects High Temperature (900°F)

- Point of purchase packaging



Part #	Description			Price
13616	12-10 Wire	.250 Tab	100/Pkg	15.00

Electrical

Female Disconnects - Vinyl Insulated

- Point of purchase packaging



Part #	Description			Price
13498	16-14 Wire	.250 Tab	100/Pkg	16.12
13500	12-10 Wire	.250 Tab	100/Pkg	18.12

High Temperature Flag Disconnect (900°F)



Part #	Description			Price
13619	16-14 Wire	.250 Tab	20/Pkg	3.56

2 Male x 1 Female Slant Disconnect

- Point of purchase packaging



Part #	Description		Price
13627	.250 Tab	100/Pkg	21.20

2 Male x 1 Female Flat Disconnect

- Point of purchase packaging



Part #	Description		Price
13624	.250 Tab	100/Pkg	11.40

Non-Insulated Flag Disconnect

- Point of purchase packaging



Part #	Description			Price
13567	16-14 Wire	.250 Tab	100/Pkg	10.52
13569	12-10 Wire	.250 Tab	100/Pkg	22.00

Non-Insulated Compressor Connectors

- Point of purchase packaging



Part #	Description			Price
13636	12-8 Wire	.250 Tab	50/Pkg	13.84

Nylon Insulated Closed End Connector



Part #	Description		Price
13650	22-14 Wire	16/Pkg	3.56

Vinyl Insulated Butt Splices

- Point of purchase packaging



Part #	Description		Price
13487	16-14 Wire	100/Pkg	13.80
13488	12-10 Wire	14/Pkg	3.56
13489	12-10 Wire	100/Pkg	17.20

Thank You
For Your Business
. . . . 2-J Supply . . . .
Your Partner Company

Electrical Products

Romex Wire - Grounded



Part #	Description	Price
6-2	6-2 x 125' Roll	215.00
8-2	8-2 x 125' Roll	217.00
10-2	10-2 x 250' Roll	260.00
12-2	12-2 x 250' Roll	110.00
14-2 100	14-2 x 100' Roll	44.00
14-2	14-2 x 250' Roll	89.00

MC Wire With Green Ground



Part #	Description	Price
MC 12-2 100	12-2 x 100' Roll	1.16
MC 14-2	14-2 x 250' Roll	1.28

Anti-Short

- Required when installing armored cable (Type AC)

Part #	Description	Price
ANTISHORT	100 Pack	11.98

Outlet Boxes & Covers



T11



Part #	Description	Price
T11	2x4 Sealed Outdoor Box Single Gang, (3) 1/2" Hubs	8.76
WP1100C	2x4 Box With Bubble Cover	23.38
WGF100-CV	2x4 Sealed Receptacle Cover	15.74

Snap-In Knockout Blanks



1/2" Knock-Out



3/4" Knock-Out

Part #	Description	Price
S50	Blank 1/2"	1.50
S75	Blank 3/4"	1.70

Grommets

Part #	Description	Price
3210	Plastic For 1/2" Knockouts	0.80
3211	Plastic For 3/4" Knockouts	1.46

Electrical Clips



Metal Clips



Grounding Clips

Part #	Description	Price
CLIPS	Electrical Metal Clip, 100/Pack	9.60
GR CLIP	Grounding GEE Clip, 10/Bag	7.36
GC1	Ground Clamp, 1/2" to 1", Each	7.02

Nipple Chase

Part #	Description	Price
HA404	1-1/4" Nipple Chase	7.40
HA405	1-1/2" Nipple Chase	10.64
BU504-1	1-1/4" Nipple Chase Cover	1.40
BU505	1-1/2" Nipple Chase Cover	1.56

Locknuts



Part #	Description	Price
LN104	1-1/4"	1.16
LN105	1-1/2"	1.72

Tomic Connectors



Part #	Description	Price
100	1/2" (RX50)	1.56
200	3/4" (RX75)	3.14

Split Bolts



Part #	Description	Price
KS20	Split Bolt For 6-2 Wire	8.12
SW-6	Split Bolt Alum To Copper #6	Spec Ord

Splicers for Aluminum/Copper

Part #	Description	Price
AMS-2	2-14 AWG	10.00
AMS-4	4/0 - 6 AWG	17.00

Noalox® Anti-Oxidant Joint Compound

- Aluminum to aluminum connections
- Aluminum to copper connections
- Aluminum conduit joints



Part #	Description	Price
30-241DE	1/2 oz Tube	18.40

Fuses

Cartridge Style



FRNR30



FRNR60

Part #	Description	Price
5762	FRNR15	6.10
5763	FRNR20	5.96
5764	FRNR25	6.06
5765	FRNR30	6.06
5766	FRNR35	9.84

Fuses (Continued)

Cartridge Style

Part #	Description	Price
5767	FRNR40	9.54
5769	FRNR50	9.50
5770	FRNR60	9.68

Threaded Plug Fuses



TL-15

Part #	Description	Price
5811	TL-15	7.76
5812	TL-20	7.76
5813	T-25	3.94
5814	T-30	5.04
5828	S-15	6.60
5829	S-20	5.14
5830	S-25	4.72
5831	S-30	4.72

Type S Fuse Adapters

- Screw into "Edison" thread fuse socket of standard household fuse boxes
- Serves the purpose of preventing wrong size fuse from being used



Part #	Description	Price
5835	#SA15 - 15A	6.88
14961	#SA20 - 20A	Spec Ord

Fuse Adapters = 60A to 30A



Part #	Description	Price
16004	#263 For Class H 250V	15.82

In-Line Fuse Holder



Part #	Description	Price
15218	#HRK 1/4" w/Leads, 32V	4.70

Air Conditioner Disconnect

Pullout With GFCI Receptacle

- 240 VAC
- Duplex 15 Amp GFCI receptacle included
- NEMA 3R
- UL & CUL listed



Part #	Mfg #	Description	Price
DPUGFI	83308	60 Amp, Sgl Phase, Non-Fused	91.96

Disconnects

Diversitech Pull-Out Disconnect Switch

- Side opening door
- Line, load, and ground terminals aligned
- Reversible door
- Full dead front

DIVERSITECH



Part #	Mfg #	Description	Price
DPF221R	DDS-30	30 Amp, Fused	21.52
DPF222R	DDS-60	60 Amp, Fused	21.52
DPU222R	DDS-60U	60 Amp, Non-Fused	20.14

Midwest A/C Electric Disconnect - Metallic

- NEMA 3R enclosure - rainproof

Part #	Mfg #	Description	Price
13160	13160	U0653F, 60 Amp, 3 Phase, Fused	151.00

Thermostat Wire

- UL Approved



Part #	Mfg #	AWG	Conductors	Spool	Price
18-2ULRL	84201	18	2	500'	76.74
18-3ULRL	84202	18	3	500'	114.42
18-4ULRL	84203	18	4	250'	78.26
18-5ULRL	84204	18	5	250'	82.08
18-6ULRL	84205	18	6	250'	111.78
18-7ULRL	84206	18	7	250'	122.34
18-8ULRL	84207	18	8	250'	116.30
18-10ULRL	84209	18	10	250'	175.90

Shielded Thermostat Wire

Part #	Mfg #	AWG	Conductors	Spool	Price
18-6 SHIELDED	12165109	18	6		0.82

Plenum Thermostat Wire - Solid

- Can be used in overhead plenum without conduit
- Temperature rating is -20°C to 75°C
- UL Approved



Part #	Mfg #	AWG	Conductors	Spool	Price
18-4P	84243	18	4	250'	132.22
18-6P	84245	18	6	250'	162.22
18-8P	84246	18	8	250'	222.02

Test Equipment

Fuel Oil Test Kit

- Complete kit includes:
  - 2" gauge
  - 30" 0-150 lb scale
  - 12" Yellow Jacket hose with fittings
  - Heavy duty plastic case
- Determines pump efficiency, cut-off, suction, etc.
- Analyzes/troubleshoots burner efficiency



Part #	Description	Price
78020	Complete Kit With Case	65.88
78021	2" Fuel Oil Gauge Only	26.74

Gas Pressure Test Kit

- Helps set manifold pressure for natural or LP gas
- Easier to use than a manometer
- Sensitive diaphragm gauge calibrated in inches of water column
- Tube nipple for easy connection to system manifold



Part #	Description	Range	Price
78060	Complete Kit, 0 - 35" WC Range		108.96

Water-Type Manometer

- Helps set manifold pressure for natural or LP gas
- Economical plastic tube manometer
- Strong magnet on manometer holds it in convenient upright position
- Includes tubing w/fitting



Part #	Description	Price
78075	-2" - 0 - 15" Scale	49.18

Yellow Jacket® Leak Detectors

Fluorescent Scanner Solutions

Self-Infusing Injector Tubes for Mineral Oil System

- Injectors packaged 6/case



Part #	Solution Concentration	System Size	Price
69611	1 (.5 oz)	Up To 4.9 lbs	16.88
69612	2 (.5 oz)	Up To 9.9 lbs	26.08
69613	3 (.5 oz)	Up To 25 lbs	37.18

At 2-J,
you'll find the quality products you need....
When you need it

Leak Detectors / Meters

Electronic Refrigerant Leak Detectors

Leak-Seeker®



- Ion-pump sensor
- 18" Flexible wrap-around probe
- 40 Hours battery life using (4) "AA" alkaline batteries
- Auto OFF after 15 minutes inactivity

Part #	Description	Price
LS780B	10 Sensitivity Ranges, Bar Graph Display	364.00
LS790B	Hi & Low Sensitivity Ranges, LED Display	470.00

Leak-Seeker® Replacement Parts

Part #	Description	Price
LSXS	Ion Pump Sensor Element for LS780A,B & LS790A,B	20.00
LSXSF	Selective Filter/Housing for LS780B, LS790B	24.00

UV55 UV Leak Detector Kits

- UV LED Lamp technology
- UV55 Includes:
  - UV PRO LED flashlight
  - Squeeze gun injector w/ hose
  - (1) UV dye cartridge
  - R-134A 90° low coupler
  - Enhancing safety glasses
  - UVS2 dye cartridge
  - Carrying case
- Uses mess-free Moonshine™ dye cartridges



UV55

Part #	Description	Price
UVS2	Moonshine™ A/C&R Universal Dye Squeeze Cartridge	21.98

Gas-Seeker™ Portable Combustible Gas Detector

- Advanced semi-conductor sensor & electronic control package enable detection of gases commonly found in service applications
- Fits in serviceman's pocket
- 5 Hours continuous use using (2) 1..5V "AA" batteries
- Visual & audible alarm indicators



Part #	Description	Price
GS-30	Portable 7" Long, 0.72" Diameter	120.00

Probes



TMX2S

Part #	Description	Price
TMX2S	15' Surface Probe for TM150 & TM250	54.00

Velocitor™ Air Velocity Meter

- Vane type anemometer
- Balance AC/heating ventilation system, determine CFM calculations
- Built-in K-type thermocouple
- Includes easy-to-read laminated conversion chart to calculate air velocity to CFM



Part #	Description	Price
AM50	Digital Velocitor™ Air Velocity Meter w/Case	400.00

Compute-A-Charge® Refrigerant /Recovery Scale

- Compatible with all refrigerants
- Hand-held remote with 6' coil cord, and hanging hook with magnet
- Switchable to metric units
- Operates 60 hours on (2) 9V alkaline batteries
- Auto off features



Part #	Description	Price
CC220	Compact 220 Lb High Capacity Scale	400.00

Leak Detection / Repair

Super Seal Refrigeration Leak Repair

- Repairs A/C and refrigeration "micro" leaks
- Permanently seals leaks in condensers, evaporators, and lines
- Compatible with all oils and refrigerants
- Complete one-time-use throw-away kit



Super Seal ACR™

- Good for smaller systems up to 1-1/2 Ton

Part #	Mfg #	Description	Price
947-12	947KIT	Super Seal ACR™	74.74

Super Seal HVACR™

- For residential systems 1-1/2 ton to 5 ton

Part #	Mfg #	Description	Price
944-12	944KIT	Super Seal HVACR™	95.14

Super Seal 3 Phase™

- Commercial and industrial strength formula for 5 ton systems and larger

Part #	Mfg #	Description	Price
948-12	948KIT	Super Seal 3 Phase™	102.46

UV LED Leak Detector Lights

- Vector 4 Includes:
  - 9V Battery
  - Wrist Strap
  - Low battery indicator
  - Intermittent on/off switch
- Vector 7 Includes:
  - Low battery indicator
  - AC & DC charges
  - Operates cordless & rechargeable



Vector 4



Vector 7

Part #	Mfg #	Description	Price
84DC	84DC	Vector 4	85.18
87DC	87DC	Vector 7	146.70

Revolver™ Injection System

- One rotation delivers 1/25th of an ounce of dye, enough to track leaks
- Kit includes:
  - R-134A Swivel hose
  - R-12 Adapter
  - Cliplight service stickers
  - Drip guards
- Breach & ram includes a limited lifetime warranty



Part #	Mfg #	Description	Price
9250	9250KITNA	Revolver™ 25 Shot Repeater Plus 25 Refills	170.98

All-In-One Leak Detection Kit

- Kit Includes
  - Light
  - Revolver™ Dye Injector
  - UV Glasses
  - Service stickers
  - Complimentary dye cleaner
  - Absorbent drip guards



Part #	Mfg #	Description	Price
9650	9650Kit	All in One™ 50 Dye App's	399.00

Oil Watcher

- Fittings included to adapt clear tubing to any suction line
- In conjunction with vacuum gauge, analyzes problems caused by impurities, leaks and high restrictions

mitco MFG.



Part #	Description	Price
P115	Oil Watcher	88.98

Leak Detectors

mitco MFG.

Oil Pressure & Vacuum Pump Testing Manifold

- Quick hook-up fittings for easy testing
- Accurately checks pressure, cutoff and vacuum under actual operating conditions
- Liquid filled gauges for accurate readings
- Color coded high pressure hoses for setting up today's higher pressure pumps
- High impact case with handle
- Brass and high quality aluminum construction for long life
- Clear tubing adapts to any suction line
- Adapter fittings included for all pumps including Riello



Part #	Description	Price
P115-10M	Manifold Pump Test Kit	278.00

REFRIGERATION TECHNOLOGIES

Leak Detector Chemicals

Big Blu Micro Leak Detector Solution

- The only bubble detector capable of identifying gas leakage approaching the sensitivity of electronic sniffers
- Non-Toxic - Biodegradable - Oxygen Safe



Part #	Mfg #	Description	Price
RT100S-12	RT100S	1 qt Spray	13.50
RT100G-4	RT100G-4	Gallon	42.50

Blu Micro Leak Detector Solution - Brush On

- Telescopic dauber
- Freeze resistant to about 0°F
- Smooth and silky viscosity for excellent hold
- Non-Toxic - Biodegradable - Oxygen Safe



Part #	Mfg #	Description	Price
RT175B-12	RT175B	8 oz Brush On Blu	9.18

Better Bubble™ Leak Detector

- From 0° to 250°F

RECTORSEAL



Part #	Mfg #	Description	Price
65554	65554	8 oz	7.30
65432	65432	30 oz	17.70

Super Poxee™ Leak Sealant Poxy

- Kit Contains:
  - Tube resin (.6 oz)
  - Tube hardener (.6 oz)
  - Cleaning solvent (vial)
  - Emery cloth
  - Mixing spatula



Part #	Mfg #	Description	Price
DP-2	6405	Complete Kit	10.28

Dicon Global

Carbon Monoxide Detectors

- 85db Emergency alarm
- Self diagnosing circuitry
- 5-Year limited warranty



Part #	Description	Price
CO800	120VAC Direct Plug-In Type	55.98

Leak Detectors

BACHARACH

Leak Detector Kits

Monoxor® III Kit With IrDA Printer

- Battery powered, hand-held instrument
- Includes:
  - Stainless steel probe and 5' of tubing to sample CO found in flue gases of residential furnaces, combustion appliances, commercial and industrial boilers
  - Wireless IrDA printer & printer paper
  - 4 'AA' Batteries
  - Hard carrying case



Part #	Description	Price
19-8105	Measures CO 0 to 2,000 ppm	Spec Ord

Fyrite Pro 125 Kit With IrDA Printer

- Measures and displays Flue Gas Oxygen, Temperature, Draft/Pressure and Carbon Monoxide
- Calculates and displays Combustion Efficiency, Excess Air, Carbon Dioxide and CO air free
- Stores up to 10 tests
- Battery power by 4 'AA' batteries or optional AC power adapter
- Four programmed fuels
- Includes:
  - Instrument
  - Gas pressure test tubing with barbed fitting
  - Probe/hose assembly
  - Protective rubber boot
  - Probe stop
  - Wireless IrDA printer
  - Hard carrying case



Part #	Description	Price
24-8205	Measures Flue Gas Oxygen, Temperature, Draft/Pressure & CO	Spec Ord

Fyrite® Tech Combustion Analyzers

- Measures O_2, stack temperature, ambient temperature, CO
- Calculates combustion efficiency, CO_2, excess air, CO air free
- Battery operated



Part #	Description	Price
24-8217	Fyrite Tech 60, Soft Pouch, Probe & 4 'AA' Batteries	Spec Ord

INFICON

D-Tek™ Select Refrigerant Leak Detector

- Sensitive to all refrigerants
- 800-Hour infrared cell life
- Rechargeable NiMH power stick
- Charging status indicator
- Sensor failure indication



Part #	Description	Price
712-202-G1	Standard 120V Model	776.00

Tek-Mate® Refrigerant Leak Detector

- 0.4oz/Year sensitivity to CFCs, HCFCs & HFCs
- Variable-intensity audible signal & single flashing LED to help pinpoint leaks
- Automatically compensates for changing background contamination
- 2-Year warranty
- Base unit includes:
  - Sensor
  - 2 D-size alkaline batteries
  - Spare filters
  - Hard plastic carrying case



Part #	Description	Price
705-202-G1	Base Unit	317.18

Meters / Thermometers

Digital Multimeters

Model HB74 Heavy Duty Digital Multimeter

- Phase rotation function
- Capacitance for motor start/run capacitors
- High voltage warning



Mfg #	Includes:	Price
HB74K13	Meter w/Rubber Holster, Clamp Head, Leads, Handle, Clips, 6-Pocket Case	379.98

LT-16 True-RMS Multimeter

- Excellent low cost digital multimeter for testing electrical parameters, including current, resistance, voltage, capacitance, frequency, continuity and phase rotation
- Works with all Fieldpiece accessories, when connected with Fieldpiece test leads



Mfg #	Includes:	Price
LT16	Meter, Current Clamp, Deluxe Lead Kit, Polyester Case	8.84

LT-17 "Biggest Bang for the Buck" Multimeter

- Measures temperature (ambient air & pipes), capacitance (motor start & motor run capacitors), microamps,(Flame rectifier diode circuit), and frequency (variable frequency motor controls)
- Measures AC/DC volts,resistance and has a continuity beeper and diode check
- Works with all Fieldpiece accessories when connected with deluxe test leads (ADL2)



Mfg #	Includes:	Price
LT17	Meter, Rubber Holster, Leads, Thermocouple, Current Clamp & Case	270.16

LT-86 "Good Meter - Great Price" Multimeter

- For testing basic electrical parameters including AC/DC current, resistance & voltage
- Works with all Fieldpiece accessories when connected with Fieldpiece deluxe test leads



Mfg #	Includes:	Price
LT83	Meter, Leads, Rubber Holster	123.22

Stick Meters

Model HS33 StickStyle DMM

- Thermocouple plugs in directly
- Non-contact voltage
- For motor-run and motor-start capacitors
- Includes rubberized case w/magnetic hanger, deluxe silicone test leads, alligator clips, K-type thermocouple, batteries, operator's manual & RFM66 fuse



Mfg #	Description	Price
HS33	Stick Meter	312.00

SC Clamp Meters

- For HVAC/R
- Non-contact voltage
- K-type thermocouple plugs in directly
- Microamps f/flame rectifier diode tests
- Capacitance f/motor-run & motor-start capacitors
- Hi-voltage indicator
- Auto-power off to extend battery life
- Installed fuse
- Comes w/padded ANC7 case
- Silicone test leads, battery (installed)
- Operators manual



Mfg #	Includes:	Price
SC67	Manual Ranging Clamp Meter, Case	271.34

Accessory Heads

Air Velocity

- Measures air velocity
- Used to estimate CFM
- Range: 80 to 5900 ft./min
- Accuracy: +/- 3%fs+1dgt.
- Max operating temp: 120°F
- Output: 1mV/unit of measure (1mV/100ft/min above 2000 fpm)



Mfg #	Description	Price
AAV3	Anemometer Head	191.72

Current Clamps



Mfg #	Description	Price
ACH	300AAC Current Clamp Head	59.80

Carbon Monoxide Heads



ACMK-3 ACM3

Mfg #	Description	Price
ACMK-3	CO Head & Pump	470.78
ACM3	Carbon Monoxide Head	329.82

Manometer Pressure Head



Mfg #	Description	Price
AMN2	Manometer (Pressure) Head	159.30

Temperature & Humidity Heads



ARH4 ATH4

Mfg #	Description	Price
ARH4	Temperature/Humidity Head	194.10
ATH4	Dual Temperature Head	137.98

Microamps Head



Mfg #	Description	Price
AUA2	Amp Head	55.98

Digital Vacuum Gauge Heads

- Range: 50 to 2000 microns of mercury
- Excellent accuracy
- Auto-off to save battery life



Mfg #	Description	Price
AVG2	500 psi Max Pressure	197.98

Thermometers

Infrared Thermometer with Laser Sight

- Conveniently fits in a shirt pocket
- View angle 3:1 Laser guide
- Faster than thermistor based thermometers
- Use immediately after pulling from your pocket
- Range: -27°F to 482°F



Mfg #	Includes:	Price
SIR2	Infrared Thermometer w/Laser Sight	100.98
RCR2032	Battery for SIR2	5.54

Rugged Dual Temp Thermometer

- Rugged rubber boot
- Min/max and hold
- LED indicates disengaged probe
- 2 K-type thermocouples included
- Range: -58°F to 2000°F
- Includes clear-front case with magnetic hanger



Mfg #	Description	Price
ST4	Dual Temp Thermometer w/Thermocouples	229.04

Meters / Thermometers

Pocket Thermometer - Water Resistant

- Sealed for field use
- Min/max
- Accuracy: 1.8°F, -4°F to 302°F
- Resolution 0.1°F
- Range: -58°F to 392°F



Mfg #	Description	Price
SWT2	Digital Pocket Thermometer	31.72

Pen Type Digital Thermometer

- Resolution: 0.1°F
- Accuracy: +/- 0.1°F
- 1-1/4" plastic dial
- Pocket clip case
- 5" stainless steel stem
- Do not put inside of oven

BRAMEC®



Mfg #	Description	Price
17535	-58° to 302°F Digital	22.82

Dial Thermometers

- 2° Increments
- Adjustable hex nut adjustment
- Stainless steel case
- Can be used f/solids, liquids
- Pocket clip & protective sheath

BRAMEC®



Mfg #	Description	Price
8966	1" Dial -40° - 160°F	7.00
8967	1" Dial 0° - 220°F	7.00

Handles & Adapters



Mfg #	Description	Price
AHDL-1	Accessory Head Adapter	29.50
EHDL1	Electronic Handle	51.98

Test Leads





Mfg #	Description	Price
ADA2	Shorting Cables (Pair), Alligator Clips on 3' Wire	12.68
ADLS2	Silicone Leads	32.32
ASA2	Small Alligator Clips	6.68

Test Leads - Heavy Duty

- Red & black test lead in each pack
- 18 gauge 90° C EPR rubber insulation
- Soldered connections
- Flexible down to -30°C
- Point of purchase display packaging

BRAMEC®



Mfg #	Description	Price
13807	36" Test Leads (Pair)	5.98

K-Type Thermocouples





Mfg #	Description	Price
ATC3	Pipe Clamp	196.50
ATF1	For Fluids	69.16

Thermocouple Adapter

Mfg #	Description	Price
17023	TCA-1 Thermocouple Adapter	30.54

Meters / Thermometers

Fuses

Mfg #	Description	Price
RFL701	Fuse	13.00
RFM66	.1 Amp, 660V	33.38
RFM74	.5 Amp, 500V	20.62
RFS74	.5 Amp 250V	13.00
RFM70	2 Amp, 600V	11.92
RFL83	10 Amp, 600V	5.58

Cases



Mfg #	Description	Price
ANC1	6 Pocket Cordura Case	33.58

AC Sensors

- UL listed
- Senses voltage through insulation
- Tip glows bright red in presence of AC voltage
- Batteries Included
- No contact w/conductor wire required

BRAMEC



Mfg #	Description	Price
14951	110 - 600 VAC	41.06
16533	24 - 90 VAC	46.12

Electrical Testers

EMC

Mfg #	Description	Price
972C	Electrical Tester Screwdriver	5.00
E217	Electrical Tester Low Voltage	9.86

Digital Psychrometer

- Electronic capacitance type polymer film sensor
- F/C Switch Data Hold
- Low battery indicator
- Memory (Min/Max)
- Wet bulb and dry bulb temperature
- Dew point measurement
- Accuracy: Humidity +/-5% @25°C from 10% to 90% RH
- Temperature +/- 1°C, 1°F (All temp. ranges)
- Ideal for setting up new equipment
- Batteries Included

DIVERSITECH



Part #	Description	Price
6-SAM990DW	Sling Psychrometer Digital	197.94

Thank You
For Your Business
. . . . 2-J Supply . . . .
Your Partner Company

TurboTorch Solder Supplies

Air Acetylene

Extreme™ Air Acetylene Kits

- Extreme™ Swirl Technology
- Includes regulator, tips, gauge guard, cylinder wrench, AH-12 hose, G-4 handle, instruction manual
- Rear valve position



X-4B

"B" Tank, AR-B Regulator

Part #	Soft Solders To:	Silver Brazes To:	Tips	Price
X-5B	1-1/2"	3/4"	A-5	359.98
X-3B	3"	1-5/8"	A-3, A-12	460.00
X-4B	3-1/2"	2"	A-5, A-14	478.00

"AR-MC" Tank, AR-MC Regulator

Part #	Soft Solders To:	Silver Brazes To:	Tips	Price
X-6MC	2"	1"	A-3, A-8	462.00

Extreme™ Air Acetylene Tips

- Quick disconnect couplings
- Color coded O-rings for gas identification
- Can be used with any Acetylene torch (PLF-A5 or G-4) handle



Part #	Tip Size	Soft Solder To:	Silver Brazes To:	Price
A-2 TIP	1/8"	1/8" - 1/2"	1/8" - 1/4"	98.00
A-3 TIP	3/16"	1/4" - 1"	1/8" - 1/2"	106.00
A-8 TIP	5/16"	1" - 2"	1/2" - 1"	136.00
A-11 TIP	7/16"	1-1/2" - 3"	7/8"-1-5/8"	144.00
A-14 TIP	1/2"	2" - 3-1/2"	1" - 2"	178.00

Swirl Air Acetylene Components

Snappy Adapter



Part #	Description	Price
SA	For Sof-Flame or Threaded Handles	75.20

Acetylene Regulators



Part #	Description	Price
AR-B	Fits "B" Tank	146.00

Acetylene Hose



- 3/16"ID with 3/8" 24-thread LH nuts
- Fits G4 and PLF-A handle, AR-B and AR-MC regulators

Part #	Description	Price
AH-12	12' Acetylene Hose	66.00

Propane & MAPP®

Extreme™ Self-Lighting Propane & MAPP® Torch

- Quick disconnect couplings between handle & tips
- 3-Year warranty



Part #	Description	Price
TX-504	Self-Lighting Hand Torch Suitable for High Capacity Applications	168.66

Extreme™ STK Propane & Mapp® Torch

- Extreme™ Swirl Technology
- 360° Interchangeable swivel tips
- Includes STK-R pressure regulator with CGA 600 connection



Part #	Description	Price
STK-9	Assembly Includes ST-3 Tip	141.84

TurboTorch Solder Supplies

Extreme™ STK Hand Torch Tips

- Extreme™ Swirl technology
- 360° swivel tips



Part #	LP Soft Solder To:	MAPP Soft Solder To:	Price
ST-1	1/8" - 1/2"	1/8" - 3/4"	88.00

Regulators & Gauges



N Gauge

Part #	Description	Price
AG-1	Fuel Gauge for Acetylene Regulator	56.00
N Gauge	0-550 psi Nitrogen Purging Regulator	316.00

Turbototes® Carriers



TT-150



TT-B

Part #	Description	Price
TT-150	Tank Totes For "B" Tanks	99.98
TT-B	Tank & Cylinder Carriers For "B" Tanks	154.98

TurboTorch® Accessories



L-1



F-1



TK

Part #	Description	Price
L-1	Flint Striker, Cup Type Sgl, Round File	6.52
F-1	Box of 5 Flints for L-1 Striker	5.24
TK	Tank Key For "B" & "M" Tank Valves	6.60

Cool Gel Heat Dissipating Spray

- Helps prevent heat damage
- Protects painted & finished surfaces
- Unique gelled formula sticks to surfaces without dripping or running off
- Clear, non-staining gel
- Safe, non-toxic
- Harmless to skin, odorless

LA-CO



Part #	Size	Price
11509	32 oz	25.98

Solder Supplies

Silvaloy®

Silver - Nickel Bearing Alloys



Part #	Size		Price
SILVALOY 45A	3oz Coil	45% Silver	66.00

Silvaloy Copper Phosphorus Alloys

- Used for joining copper to copper, especially refrigeration and air conditioning tubing and copper electrical conductors



Part #	Size		Price
SILVALOY 15	Stick	15% Silver	74.46
STICK 15	Stick	15% Silver	9.10

Silvaloy Liquid Soldering Flux



Part #	Size	Price
SO FLUX 4OZ	4oz	7.28

Silvabrite 100®

- Lead free
- Stronger than 50/50
- "The Safe-Water Solder"
- Wide melting range for easy use



Part #	Size		Price
SILVABRITE10	1/8"	1 lb Spool	49.66

Silvabrite "S"®

- Silver/tin soldering alloys
- Fast melting, free flowing
- Cadmium and lead-free composition
- Use especially where a plastic or wider melting point is desired



Part #	Size		Price
SILVABRITE S	1/8"	1 lb Spool	58.98

Silvabraze® Brazing Alloy

Part #	Size	Price
STICK	Stick	2.70
SILVABRAZE	1 lb	39.88

Ultra Flux® Silver Brazing Flux

- Use with silver brazing alloys
- Effective to 1600°F



Part #	Size		Price
ULTRA FLUX	7 oz	Brush Cap	9.34

Paste Solder Flux

- Lead free greenless® - odorless
- No cleaning necessary
- High heat stability for lead-free solder



Part #	Size	Price
SFG-1/2	1/2 pt	9.32

Gas / Abrasives / Brushes / Telescoping Tools

MAPP™ & Propane Gas

DIVERSITECH


Propane


MAPP

Part #	Description	Price
1201	14.1 oz Propane Gas	13.74
1202	16 oz MAPP Gas	19.42

Abrasive Cloth

- 120 Grit is water resistant
- Open Mesh 180 grip is water proof



Part #	Description		Price
8971	120 Grit	1-1/2" x 10 yd Roll	6.42
8972	120 Grit	1-1/2" x 25 yd Roll	16.60
13194	180 Grit Open Mesh	1-1/2" x 5 yd Roll	11.16

Brushes

Condenser Fin Whisk Brush

- For cleaning condenser fins & evaporators
- Has hundreds of uses
- Plastic handle



Part #	Description	Price
9216	Condenser Fin Whisk	2.36

Shoe Handle Wire Brush



Part #	Description	Price
9218	Shoe Handle Wire Brush	6.88

Copper Tube Fitting Brushes

- Stainless steel wire
- Hand-fitting poly grip



Part #	Size	Price
9111	3/8" OD	3.80
9113	5/8" OD	3.80
9114	3/4" OD	4.00
9115	7/8" OD	4.08

Boiler Cleaning Brush

- Black fiber bristles twisted in wire
- 2-1/8" dia x 5" brush length



Part #	Description	Price
9235	48" Length Duct Cleaning Brush	13.62

Boiler Cleaning Brush

- Black horse hair twisted in wire
- Sturdy wood handle
- 2-1/8" Dia x 7" brush length



Part #	Description	Price
9234	27" Length Boiler Brush	11.20

Acid Brushes

Part #	Description	Price
AB24	1/2" Acid Brush	0.48

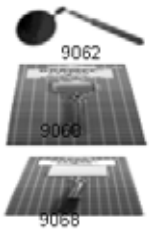
Paint Brushes



Part #	Description	Price
EPB64	1-1/2" Economy Paint Brush	1.60
EPB124	3" Economy Paint Brush	3.04

Extend-A-Mirror™

- Telescopic to 19" except 9068 (15")
- Features a double ball-joint w/ nylon insert locking nut f/360° viewing w/o mirror movement due to a loose joint
- Made of durable chrome-plated brass with pocket clip



Part #	Description	Price
9062	1-1/4" Round Telescopic	8.38
9063	1" x 2" Oval Telescopic	9.40
9068	2-1/8" x 3-1/2" Rectangular Telescopic	11.18

Extend-A-Match™

- Retracts to 5" long & can be carried in shirt pocket
- Spring loaded jaws for match



Part #	Description	Price
0170	Extend-A-Match™, Packaged	5.64

Hand Tools

CHANNELLOCK

Pliers

- Channellock Blue™ plastic grips are not intended, recommended, or warranted for dielectric properties

Tongue & Groove Pliers - Straight Jaw



426



420 & 430



440

Part #	Mfg #	Size	Capacity	Adj	Price
420G	420	9-1/2"	1-1/2"	5	27.00
430G	430	10"	2"	7	28.12
440G	440	12"	2-1/4"	7	30.14

Tongue & Groove Pliers - V-Jaw



Part #	Mfg #	Size	Capacity	Adj	Price
442G	442	12"	2-1/4"	7	30.76

Rounded Nose Linemen/Electrician Pliers



Part #	Mfg #	Size	Price
348G	348	8-1/2"	48.24

Lap Joint Cutting Pliers



Part #	Mfg #	Size	Price
337G	337	7"	33.78

Long Nose Pliers

- With side cutter



326



317

Part #	Mfg #	Size	Price
326G	326	6"	39.66
317G	317	7-1/2"	37.56

Adjustable Wrenches

- G - Channellock Blue™ plastic grips are not intended, recommended, or warranted for dielectric properties
- W - Wide capacity



Part #	Mfg #	Size	Capacity	Price
804	804	4"	9/16"	28.18
806	806	6"	13/16"	35.40
808WCB	808WCB	8"	15/16"	41.38
810	810	10"	1-13/16"	43.60

Wire Stripper Cutter

- Channellock Blue™ plastic grips are not intended, recommended, or warranted for dielectric properties
- Strips insulation fast w/no damage to wire
- Lean plier nose pulls & loops wire ends



Part #	Mfg #	Wire Gauge Sizes	Price
958	958	AWG: 10,12,14,16,18,20	24.12

The Source for Contractor Profitability Since 1962 And Still Committed:

Our Success is Wholly Dependent Upon Yours

Hand Tools / Fin Tools / Telescoping Tools

Li'l Nipper™

- Cuts up to 1-1/4" polyethylene, PVC, ABS, & rubber hose
- Cutters are light & can be handily carried in back pocket or tool pouch
- Strong nylon handle w/ replaceable blades
- Cutters do not distort pipe

BRAMEC®



Part #	Description	Price
0125	Li'l Nipper™ Cutter	14.82
0127	2 Replacement Blades	18.36

"Pirana" One-Handed Ratchet Cutter

- Cuts all types of plastic pipe & conduit through 2" in diameter
- Replaceable stainless steel blade



WHITLAM PLUMB-PRO

Part #	Description	Price
#20	2"	105.86

Cable Ripper

Part #	Description	Price
EM-74	Cable Ripper	3.44

Scrapers



Part #	Description		Price
SCRAPER 11/2	1-1/2" Blade	(800327)	5.98
SCRAPER 3	3" Blade	(800329)	6.40

Metalmaster® Aviation Snips



M1R

Wiss®



M2R

Part #	Description	Price
M1R	Red, Cuts Left	37.70
M2R	Green, Cuts Right	37.70
M5R	Red, Bulldog for Notching & Trimming	43.98

Fin Tools

Fin Combs

PH Series For High Efficiency Coils

- Made from nylon



Part #	Mfg #	Description	Price
FCHS-6	6615	Kit Assortment of Six	15.44

Fin Straightener

- Adjustable tension
- Sturdy metal body

YELLOW JACKET®

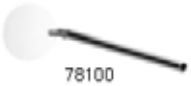


Part #	Mfg #	Description	Price
61150	61150	Fin Straightener	22.16

Flame Inspection Mirrors - Telescoping

- Stainless steel mirror on ball joint rotates 360°
- Checks flame, serial numbers & leaks in hard-to-see places
- Extends to 28"

YELLOW JACKET®



78100



78101

Part #	Mfg #	Description	Price
78101	78101	3-3/4" x 2" Rectangular	26.32

Lenox Tools

Reciprocating Saw Blades

Tuff Tooth™ Reciprocating Saw Blades

- Roughing-in work, nail-embedded wood
- Fast cutting
- Pipe, structural steel, stainless steel, non-ferrous metal 3/16" & thicker
- 6 teeth per inch, 5/pack



20572-656R 20582-956R 20585-156R

Part #	Mfg #	L x W x Thickness		Price
656R	20572-656R	6" x 3/4" x .050"	5/Pk	32.48
956R	20582-956R	9" x 3/4" x .050"	5/Pk	43.12
156R	20585-156R	12" x 3/4" x .050"	5/Pk	52.70

Tuff Tooth™ Reciprocating Saw Blades

- Contour cutting in all woods, nail-embedded wood & composition materials
- 6 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
676RC	20556-676RC	6" x 7/16" x .050"	5/Pk	34.50

Tuff Tooth™ Reciprocating Saw Blades

- Fast cutting for wood, composition materials, plastics, & non-ferrous metal
- 6 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
606R	20560-606R	6" x 3/4" x .035"	5/Pk	27.28

Tuff Tooth™ Reciprocating Saw Blades

- Extra fast cutting in thick, nail-free wood
- 4 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
634R	20575-634R	6" x 3/4" x .050"	5/Pk	29.80

Tuff Tooth™ Reciprocating Saw Blades

- Nail-embedded wood, composition materials, & plastics, pipe, carbon steel, stainless steel 1/8" - 1/4" thick, non-ferrous metal 1/8" - 1/2" thick
- 10 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
610R	20562-610R	6" x 3/4" x .035"	5/Pk	27.24
810R	20580-810R	8" x 3/4" x .050"	5/Pk	34.50
110R	20583-110R	12" x 3/4" x .050" 10/14 Teeth/Inch	5/Pk	48.50

Tuff Tooth™ Reciprocating Saw Blades

- Contour cutting in wood < 3/4" thick & in metal 3/32" - 5/16" thick
- 14 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
314RC	20520-314RC	3-5/8" x 5/16" x .035"	5/Pk	23.70

Tuff Tooth™ Reciprocating Saw Blades

- Pipe, structural steel, stainless steel 3/32" - 1/4", non-ferrous metal 3/32" - 3/8", hard rubber
- 14 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
414R	20550-414R	4" x 3/4" x .035"	5/Pk	21.12
614R	20564-614R	6" x 3/4" x .035"	5/Pk	27.24

Tuff Tooth™ Reciprocating Saw Blades

- Structural steel, pipe, conduit, stainless steel 1/16" - 3/16" thick, non-ferrous metal 1/16" - 5/16" thick
- 18 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
418R	20552-418R	4" x 3/4" x .035"	5/Pk	21.12
618R	20566-618R	6" x 3/4" x .035"	5/Pk	27.24

Tuff Tooth™ Reciprocating Saw Blades

- Contour cutting in metal 1/16" - 1/8" thick
- 18 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
318RC	20521-318RC	3" x 1/4" x .032"	5/Pk	23.70

Tuff Tooth™ Reciprocating Saw Blades

- All metals less than 1/8" thick, tubing, conduit, trim
- 24 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
424R	20554-424R	4" x 3/4" x .035"	5/Pk	21.12
624R	20568-624R	6" x 3/4" x .035"	5/Pk	27.24

Tuff Tooth™ Reciprocating Saw Blades

- For plaster, plaster board & lath, bi-directional cutting
- 6 teeth per inch, 5/pack



Part #	Mfg #	L x W x Thickness		Price
636RP	20570-636RP	6" x 3/4" x .050"	5/Pk	32.48

Lenox Tools

Bi-Metal Jig Saw Blades

Universal Style Bi-Metal Jig Saw Blades

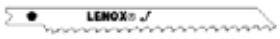
- Steels 3/32" - 1/4", non-ferrous metal 3/32" - 3/8"
- 14 teeth per inch



Part #	Mfg #	L x W x Thickness		Price
314J	20321-BT314J	3" x 3/8" x .037"	2/Pk	Spec Ord

Universal Style Bi-Metal Jig Saw Blades

- Stainless steel, sheet metal <=1/8" thick, non-ferrous metal <=1/4" thick
- 24 teeth per inch



Part #	Mfg #	L x W x Thickness		Price
324J	20323-BT324J	3" x 3/8" x .037"	2/Pk	5.62

Hand Hacksaw Frames

High Tension Professional 4012

- Heavy-duty cast aluminum handle & steel cross-bar
- Handle holds up to five 12" blades for quick changeouts
- Can tension a blade to 30,000 psi



Part #	Mfg #	Description	Price
4012	20918-4012	Hand Hacksaw Frame	58.36

Hand Hacksaw Blades

- Electron beam weld, high speed steel edge, flexible spring steel back, Tuff Tooth™
- 1/2" wide

Part #	Mfg #	Length	Teeth/In	Price
10-24T	20141-V024HE	10"	24	3.38
10-32T	20142-V032HE	10"	32	3.38
12-18T	20144-V218HE	12"	18	3.38
12-32T	20146-V232HE	12"	32	3.38

Hand Saws

Tri-Fold® Saw

- Complete with reciprocating blade
- Locks into three different positions for cutting anything from wood to drywall, to stainless steel at any angle
- Uses any reciprocating blade with 1/2" tang



Part #	Mfg #	Description	Price
3618	20993-3618	Metal Cutting	33.78
3636	20992-3636	Wood, Drywall & Non-Metallic	46.76

PVC/ABS Plastic Pipe Hand Saw

- Wide rigid carbon steel blade w/hardened teeth
- Cut any size diameter plastic pipe, wood & nail-embedded wood
- Heavy-duty lightweight aluminum handle



Blade & Handle



Blade

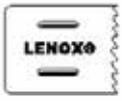
Part #	Mfg #	Description	Price
HSF-120	20985-HSF12	12" Blade & Handle	36.24
HSF-180	20980-HSF18	18" Blade & Handle	40.66
HSB-12	20982-HSB12	12" Blade	17.16
HSB-18	20981-HSB18	18" Blade	21.82

Hole Saws

Bi-Metal Hole Saws

- Patented tooth design, extra sharp teeth, fast cutting

1 Per Box - Arbors 1L,1SL,4L,5L



Part #	Mfg #	Diameter	Price
10L	30010-10L	5/8"	18.14
14L	30014-14L	7/8"	16.60
16L	30016-16L	1"	18.00
17L	30017-17L	1-1/16"	18.00
18L	30018-18L	1-1/8"	18.00

Lenox Tools

1 Per Box - Arbors 2L,2SL,3L,6L



Part #	Mfg #	Diameter	Price
20L	30020-20L	1-1/4"	18.00
22L	30022-22L	1-3/8"	18.96
24L	30024-24L	1-1/2"	19.02

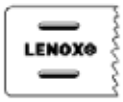
1 Per Box - Arbors 2L,2SL,3L,6L,7L



Part #	Mfg #	Diameter	Price
26L	30026-26L	1-5/8"	18.96
28L	30028-28L	1-3/4"	23.86
30L	30030-30L	1-7/8"	22.98
32L	30032-32L	2"	22.02
34L	30034-34L	2-1/8"	26.52
36L	30036-36L	2-1/4"	Spec Ord
40L	30040-40L	2-1/2"	31.00
42L	30042-42L	2-5/8"	31.00
48L	30048-48L	3"	32.14
52L	30052-52L	3-1/4"	33.00
56L	30056-56L	3-1/2"	33.00
58L	30058-58L	3-5/8"	38.20
60L	30060-60L	3-3/4"	45.16
64L	30064-64L	4"	48.66
66L	30066-66L	4-1/8"	48.10
72L	30072-72L	4-1/2"	95.50
76L	30076-76L	4-3/4"	106.20
80L	30080-80L	5"	126.22
96L	30096-96L	6"	164.72

Carbide Tipped Hole Saw - Lenox Blue

- Cuts abrasive materials, lasts up to 10 times longer than standard
- Uses standard arbors, recommend carbide tipped pilot drill



1 Per Box - Arbors 2L,2SL,7L

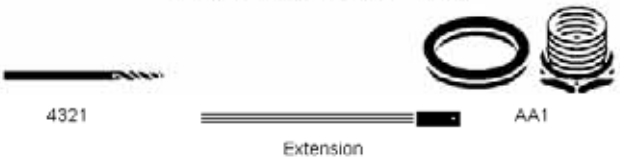
Part #	Mfg #	Description	Price
64CT	30264-64CT	4" Diameter	127.36

Hole Saw Arbors



Part #	Mfg #	Dia	Pipe Tap	Pipe Entr	Price
1L	30001-1L	9L-19L	1/2"	Hex	24.72
2L	30002-2L	20L-96L	1/2"	Hex	34.16
4L	30004-4L	9L-19L	1/4"	3 Sided	17.44

Hole Saw Accessories



Part #	Mfg #	Description	Price
4321	30850-4321	1/4" Pilot Drill Fits 1L, 2L, 4L	8.42
AA1	30857-AA1	Arbor Adaptor	5.90
12X	30847-12X	12" Extension	26.16

Vari-Bits®

Vari-Bit® Step Drill Bits

- High speed steel construction & steam oxide coating
- Two cutting flutes for clean burr-free holes



Part #	Mfg #	Number Hole Sizes	Hole Sizes (in)	Elec Drill Size	Price
VB1	30881-VB1	13	1/8 - 1/2	1/4"	58.06
VB2	30882-VB2	9	1/2 - 1	3/8"	101.12
VB3	30883-VB3	9	1/4 - 3/4	3/8"	88.66
VB7	30887-VB7	1	7/8	3/8"	100.12
VB11	30888-VB11	2	7/8, 1-1/8	3/8"	135.72

Malco Tools

Snips for Metal & Vinyl

Max2000™ Snips

- An adjustable crossover disk assures an optimal length of cut that remains smooth & accurate
- Machined serrations on outside face of cutting edge
- Thicker, stronger steel handle resists abuse & will not collapse under normal use
- Length: 10-3/4"


MAXCG1


MAXCG2

Part #	Description	Price
MAXCG1	Cuts Left Classic Grip	45.14
MAXCG2	Cuts Right Classic Grip	45.14
MAXCG3	Cuts Straight, Right, Left Classic Grip	45.14

Max2000™ Bulldog Aviation Snip

- Designed for notching & trimming
- Ideal for cutting multiple layers or "S" cleats



Part #	Description	Price
MAXCG5	Classic Grip	47.38

Max2000™ Offset Aviation Snips

- Cuts straight line & 5" diameter circles


MAXCG6


MAXCG7

Part #	Description	Price
MAXCG6	Cuts Left Offset Classic Grip	54.80
MAXCG7	Cuts Right Offset Classic Grip	57.00

Andy™ Aluminum

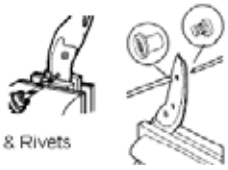
- Beveled blade edge
- Suitable f/straight shearing & left or right circular cuts down to 6" dia
- Lightweight aluminum handle
- Larger handle loops
- Extended blade tips
- 3-1/4" cutting length


MC12N


MC14N

Part #	Description	Price
MC12N	12" Comb Andy Snips	65.80
MC14N	14" Comb Andy Snips	72.96

Replacement Blades


Blade Set & Rivets

Part #	Description	Price
MC14RB	Blade Set & Screws for MC14N	36.74

Punches

Snap Lock Punches for Siding

- Punch impression spaced 3/8" from edge of metal
- Heavy forged cutting jaw
- Nickel plate & black oxide finish
- Green grips



Part #	Length	Throat Depth	Price
SL1	8"	3/8"	89.84

Snap Lock Punches for Gutters

- Used to crimp end caps on gutter
- Formed metal cutting jaws
- Nickel plate & black oxide finish
- Green grips

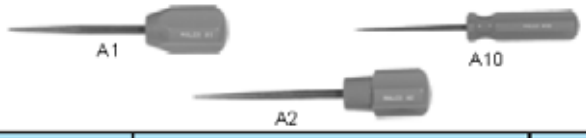


Part #	Length	Throat Depth	Price
SL2	8"	1/4" to 5/8"	67.48

Malco Tools

Scratch Awls

- May be resharpened many times
- Easy-to-spot orange handles



Part #	Blade Dia	Nom Length	Price
A1 AWL	7/32"	5-3/4"	6.20
A2 AWL	1/4"	6-1/4"	11.06
A10 AWL	3/16"	7"	10.28

Scribers

Pocket Size Sheet Metal Scribers



- Five teeth produce 10 scribing depths
- Compact scribe stores in pocket, pouch or tool box
- Use hang hole or magnet to keep handy on the job

Part #	Min/Max Adjustments	Price
A40	1/8" - 1" Depths	5.70

Adjustable Sheet Metal Scribers



- Measure, mark & scribe in one easy operation

Part #	Min/Max Adjustments	Price
A60	1/4" - 12-1/2" Depths	27.18

Carbide Tipped Scriber



- Use to scribe fine lines

Part #	Description	Price
A50	Scriber With Replaceable Retractable Tip	31.54

Dividers



- Length: 11"
- Scratch awl points are easily resharpened or replaced

Part #	Description	Price
18	32" Max Circle dia	26.62
24	42" Max Circle dia	29.52
RP2	Divider Points	4.38

Hand Seamers



Part #	Description	Price
S2	3-1/4" Wide Jaw Capacity	82.74
S3	Offset 3-1/4" Wide Jaw Capacity	93.62
S6	Wider 6" Wide Jaw Capacity	124.84

Folding Tools



- Folding seams are formed from two steel halves, permanently joined together

Part #	Width	Folding Depths	Price
8	8"	3/8" & 1/2"	20.04
12F	12"	3/8" & 1"	27.04
18F	18"	3/8" & 1"	36.16
24F	24"	3/8" & 1"	47.92

Replacement Springs

Part #	Description	Price
M2000S	Spring f/ M2001 Through M2007 Max2000™	3.20
14994	Spring f/ ZS1R & ZS2R Offset Snips	3.74
5018	Spring f/ C1, C4, C5, S2, S3, S6, N1, SL1, SL2, SL8, NHP1	1.92

Metal Duct Tools & Accessories

Hand Notchers



- Hook design of cutting jaw
- Facilitates notching corners or take-off tabs without slipping
- Blue grips
- 30° Cutting angle

Part #	Description	Price
N1	13/16" Throat Depth	80.78

Malco Tools

Duct Stretcher

- Wheels can be changed to other side of tool for applications where side of duct is close to wall or obstruction



Part #	Description	Price
DS1	16"	45.06
DS2	16" w/Offset Handle	47.76
DS1C	Repair Kit for DS1/2/3	13.10

Turboshear™

- Inserts into chuck 1200 rpm or larger, of A/C or cordless drills
- Offset design
- Navigate tight patterns & square cuts
- 20 Gauge capacity in galv steel
- Optional TSDC drill clamp for one-handed operation of TS1



Part #	Description	Price
TS1	Turboshear™ Sheet Metal Cutter	95.62
TS1RB	Turboshear™ Replacement Blades	50.44
TSDC	Drill Clamp For TS1	36.70

TurboShear HD™

- Inserts into chuck of 14.4V or larger A/C or cordless drill
- Navigates tight patterns & square cuts
- 18 Gauge capacity in galv steel
- Clamping devise standard



Part #	Description	Price
TSHD	Heavy Duty Turboshear™ With Clamp	168.06

Hole Cutters

- Use with any standard 1/4" electric drill
- Cast aluminum body
- All wearing parts made of special heat-treated steel



Part #	Description	Price
HC1	Hole Cutter 2" - 12" Hole Diameter	118.98
HC2	Hole Cutter 2" - 20" Hole Diameter	151.46
CB	Cutter Bit for HC-1	19.84
HC1B	Pivot Pinset for HC-1	16.60
HC1E	Adjustable Sleeve for HC-1	12.92

Angle Drive Accessory

- Fits 1/4", 3/8" electric drills
- Comes with own chuck
- Works well with HC1 & HC2 hole cutters



Part #	Description	Price
HCAD	Angle Drive Accessory	71.74

5-Blade Pipe Crimper

- Longer shallower crimps replicate to factory precision indentations
- Length: 9-5/8"



Part #	Description	Price
C5	1-5/8" Throat Depth	50.36

Pipe & Duct Holders

- Like an extra pair of hands
- Two clamps & 4' of 125 lb tensile strength linked chain
- Clamp handles are 8" long



Part #	Description	Price
2DH	1 Pair of Clamps & Chain	54.76

Fiberglass Duct Board Tools

FasGroov™ 1" Hand Tools - Silver



Part #	Description	Price
FGV3	#3 LH Modified Shiplap Tool	122.18
FGV	Vee-Groove Tool	120.40

Malco Tools

FasGroov™ Shiplap Knives

- For fiberglass duct board
- Safe to use
- Feature comfortable molded handles
- Male & female knives can be used on closed duct sections
- Duct knife has a rounded scoring edge to cut fiberglass without tearing skin



FGF (Green)



FGM (Blue)



FGK (Black)

Part #	Description	Application Size	Price
FGF	Female Knife	1"	30.70
FGM	Male Knife	1"	30.70
FGK	Duct Knife	1" & 1-1/2"	26.76

Fiberglass Duct Hole Cutter For 1"

- Operation is fast & easy
- Cutter rotates counter-clockwise



Part #	Description	Price
FG1	Cuts 4" to 20" Dia Holes	72.48

Double Edge Duct Knife

- Use as an aid in fabricating fiberglass duct
- Long life, double edge blade
- Resharpenable
- Made of heavy cutlery steel with hickory wood handle



DK1



DK6

Part #	Description	Price
DK1	Double Edge Duct Knife	23.80
DK6S	Double Edge Cushion Grip, Serrated	24.92

Leather Knife Sheath



Part #	Description	Price
TP301	Leather Sheath for DK-1	14.94

Fiberglass Flex Duct Tools

Tensioning Tool

- Hardened steel stampings with weather resistant nickel chrome finish



Part #	Description	Price
TY6	Auto Cut-Off	90.66

Tie Tools

- Action tie tools feature long wearing, serviceable parts
- Comfortable handles reduce the pinch point area
- Works on all ties including thin designs



Part #	Description	Price
TY4	Manual Cut-Off	94.30

Flex Duct Cutter & Shear

- Double edged knife blade
- Thumb operated latch
- Easily resharpenable
- Handles feature non-slip vinyl grips
- Length: 11-7/8"



Part #	Description	Price
FDC1	Flex Duct Cutter	73.72

Flex Duct Cutter Sheath

- Tailor made for FDC-1
- Constructed of heavy, top grain saddle leather - double stitched & rivet reinforced
- Length: 13-1/2"



Part #	Description	Price
TP601	Leather Sheath for FDC-1	22.02

Malco Tools

Tubing Tools

Tube Cutters



- For hard or soft copper tubing
- Makes clean, right-angle cuts with no burrs or chips

Part #	Tubing OD	Price
TC274	1/8" - 1-1/8"	68.42
TC312	1/4" - 1-5/8"	85.52

"Big Imp™" Tube Cutter



- Requires only 1-15/16" clearance
- Spare cutter included with wheel
- Lightweight aluminum allow body resists rust

Part #	Tubing OD	Price
TC174	3/8" - 1-1/8"	61.04

"Imp™" Tube Cutter



- Handy cutter for cramped spaces
- Weighs only 2-1/2 oz

Part #	Tubing OD	Price
TC127	1/8" - 5/8"	29.76

Cutter Replacement Parts

Part #	Description	Price
RW127	Cutting Wheel for TC127	9.96
RW274	Cutting Wheel f/TC274, TC312, TC174	15.70
127TCS	Cutting Wheel Screw	12.24

Tube Benders



- Use for bending soft tubing to any shape without collapsing walls
- Spring steel is nickel finished
- One end flared for quick tube insertion

Part #	Tubing OD	Price
TB102-2	3/4"	13.26
TB102K	5 Sizes, 1 Ea of 5/8", 3/4", 1/4", 3/8", 1/2"	42.48

Combination Swaging Punch



- Three sizes in one tool
- Knurled stock for easy removal of punch

Part #	OD Size	Nom Size	Price
ST94	1/2", 5/8", 7/8"	3/8", 1/2", 3/4"	60.76

Bar Clamp Type Flaring Tools



- Flares 7 sizes of soft copper, aluminum & brass tubing

Part #	Tubing OD	Price
FT195	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	99.90

Power Return Tapes

Magnetic Power Return 1" Tape Measures



- Reinforced end hook
- Impact resistant cases
- Nylon coated blade
- Yellow blade

Part #	Size	Price
T416M	1" x 16'	25.16

Crewline® Tape Measures



Part #	Size	Price
CT430	1" x 30'	23.00

Replacement Tape

Part #	Description	Price
T312R	12' Replacement Tape	13.10

Malco Tools

Levels

Top Reading Torpedo Levels

- Plumb, level & 45°
- White vial holders & top read feature



Part #	Description	Price
L9M	9" Magnetic Level, 3 Vials	36.82

Pocket Level

- Strong molded plastic frame with pocket clip
- Multi view vial reads top, bottom or side
- Ideal for leveling thermostats



Part #	Description	Price
L5	5" Pocket Level, 1 Vial	11.26

Utility Knives & Blades



4-Pk



Part #	Description	Price
82067	Side Button - 3 Position	14.20
4PK	Top Button - 3 Position	16.08
UBS5	Straight Blades, 5/Pack	4.22

Hammers

Sheet Metal Hammers - Riveting

- Polished finish
- Leather Handle



Part #	Description	Price
RH4	4-7/8" Head Length, 12 Oz Head Weight	96.52

Sheet Metal Hammers - Setting

- Polished finish
- Leather Handle



Part #	Description	Price
SH3	5-1/2" Head Length, 18 Oz Head Weight	96.00

Straight Claw Hammers

- One-piece forged, I-Beam construction
- Leather Handle



Part #	Description	Price
20SC	5-5/8" Head Length, 20 Oz Head Weight	99.92

Engineer's Hammer

- Sledge type head
- Double faced



Part #	Description	Price
SLH250	4-1/2" Head Length, 1-5/8" Face	80.56

Pliers

Electrical Pliers

- Color coded up front crimping action
- For terminals 12-10 (yellow) & 22-14 (red & blue)



Part #	Crimping	Length	Price
PC9	22-10 Gauge	8-3/4"	50.92

Cutter/Stripper/Crimper

- Up front scissors action strips copper wire clean & cuts easily sizes 10-20 & 22-14 (red & blue)



Part #	Crimping	Length	Price
WSC8	22-10 Gauge	8-1/4"	41.10

Wrenches

Ratchet Wrenches

- For installing or servicing heating, air conditioning or refrigeration units



Part #	Description	Price
RRW3	3/16", 1/4", 5/16", 3/8" Square	26.32

Malco Tools

Hex Key Wrench Inserts


RRW3/16


RRW5/16

Part #	Square	Hex	Price
RRW3/16	1/4"	3/16"	12.36
RRW5/16	1/4"	5/16"	12.36

Hex Keys

"T" Handle Hex Keys in Plastic Pouch



Part #	Description	Price
WT9S	8 Keys, 6" Long	50.42

Ball Tip L-Wrenches

- Easy socket access at angles up to 25° off axis
- Wrench sets store in reusable case



Part #	Description	Price
WBL12S	12 Piece Set	66.98

Folding Hex Key Sets

- Professional quality
- Produced from tough alloy steel


W19


W29

Part #	Description	Price
W19	9 Piece Small Pocket	13.14
W29	9 Piece Deluxe Pocket	17.76
W45	5 Piece Large Sizes	25.34

Screwdrivers

Square Shank Keystone Cushioned Grip Screwdrivers

- Precision ground tip for perfect screw fit



Part #	Blade Dia	Blade Length	Price
S44C	1/4"	4"	16.18
S56C	5/16"	6"	20.14

Round Shank Keystone Regular Grip Screwdrivers



Part #	Blade Dia	Blade Length	Price
K41	1/4"	1-1/2"	11.58

Round Shank Keystone Cushioned Grip Screwdrivers



Part #	Blade Dia	Blade Length	Price
K44C	1/4"	4"	14.56
K56C	5/16"	6"	17.10
K68C	3/8"	8"	23.16

Electrical/Cabinet Style Regular Grip Screwdrivers



Part #	Blade Dia	Blade Length	Price
C33	3/16"	3"	9.24

Phillips Head High Polish Cushioned Grip Screwdrivers



Part #	Blade Dia	Blade Length	Price
P33C	3/16"	3"	12.22
P44C	1/4"	4"	15.54

Malco Tools

7 Piece Combination Screwdriver Sets

- Most popular sizes of Keystone, cabinet style & Phillips screwdrivers packaged in a vinyl see-thru pouch

Cushion Grip Set:

- K41C, K44C, K56C C24C, C33C, P33C, P44C



Part #	Description	Price
SK2C	Cushioned Grip Set	98.78

Nut Drivers

Standard Nut Driver Kit



Part #	Kit Contains:	Price
ND7K	Drivers ND6, ND8, ND10, ND11, ND12, ND14, ND16	96.08

Magnetic Hex Drivers



Part #	---Shaft--- Dia	Length	Grips	Price
HHD1S	1/4"	3"	Red	21.54
HHD2S	5/16"	3"	Amber	21.86
HHD1	1/4"	6"	Red	22.40
HHD2	5/16"	6"	Amber	22.98

Stubby Nut Drivers



Part #	---Shaft--- Dia	Length	Grips	Price
ND8S	1/4"	1-1/4"	Red	10.06
ND10S	1/4"	1-1/4"	Amber	10.26

Power Bits

Phillips Power Bits

- 1/4" shank diameter



Part #	Point Size	O/A Length	Price
MBLP3	2	1-15/16"	2.42
MBLP4	2	2-3/4"	2.80

Magnetic Hex Driver Bits

- 1/4" shank diameter



Part #	Hex Opening	Nose Diameter	Price
MSH1/4	1/4"	7/16"	6.30
MSH5/16	5/16"	1/2"	7.64
MSH3/8	3/8"	9/16"	9.72

Long Style Hex Driver Bits

- 1/4" shank diameter



Part #	Hex Opening	Nose Diameter	Price
MSHL1/4	1/4"	7/16"	9.60
MSHL5/16	5/16"	1/2"	11.12

Extra Long Style Hex Driver Bits

- 1/4" shank diameter



Part #	Hex Opening	O/A Length	Price
MSHML1/4	1/4"	4"	13.50
MSHXL1/4	1/4"	6"	19.46
MSHML5/16	5/16"	4"	15.56
MSHXL5/16	5/16"	6"	22.86

Power Bit Extensions

- Ball bearing on holder provides a positive lock on 1/4" hex
- Tempered steel
- Black finish



Part #	Hex Opening	Nose Dia	O/A Length	Price
BHE10	1/4"	9/16"	10"	26.28

Drill Bits

20 Piece Orifice Drill Set

- Wire gauge sizes for drilling or cleaning oil & gas orifices
- Fractional sizes in metal DRILDEX container
- Includes pin vise



Part #	Sizes	Price
FJ6180	61 to 80	100.50

Malco Tools

Polished Double Enders Drill Bits

- Punch style length
- Bit at each end
- 135° split point
- For use on sheet metal



Part #	Bit Dia	Price
DE1/8	1/8"	3.28
DE1/4	1/4"	6.24
DE30	15/16"	4.68

Sheet Metal Drill Bits

- 135° split point design
- For sheet metal use



Part #	Frac Size	Length	Price
FS3/8	3/8"	3-1/8"	13.98
FS1/2	1/2"	3-3/4"	26.04

Replacement Pilot Drill Bits for Hole Saws



Part #	Description	Price
HSB	Replacement Pilot Drills	8.86

Wood Bits Spade Type



Part #	Bit Dia	Price
WB12	1/2"	7.58
WB34	3/4"	8.64
WB58	5/8"	8.66
WB1	1"	9.52
WB114	1-1/4"	14.18

Wood Bits



Part #	Description	Price
NIR2006R	6 Pc Wood Bit Set	47.40

Wood Bit Extensions

Part #	Description	Price
IR88SE	6" Wood Bit Extension	10.28
IR88	12" Wood Bit Extension	12.74

Masonry Bits



Part #	Size	Price
13425	1/4" Masonry Bit	3.30

2-in-1 Hand Riveter

- Adjustment features a single long stroke & a short ratchet action



Part #	Description	Price
2IN1	1/8"-3/16" Rivet w/Steel Mandrel, 3/32-5/32" Rivet w/SS Mandrel 8"Long	137.08

Steel Rivets

- Coated mandrel



Part #	Rivet Dia	Body Length	Pack	Price
SS42DJ	1/8"	.232	100	48.90

The Source for Contractor Profitability Since 1962 And Still Committed:

Our Success is Wholly Dependent Upon Yours

Malco Tools

Screws

Zip-In™ Screws



Part #	Size	Pack	Price
HW6X3/8Z 1M	6 x 3/8	1,000	37.68
HW7X1/2Z 15M	7 x 1/2	15,000	531.16
HW7X1/2Z 1M	7 x 1/2	1,000	38.70
HW7X1/2Z 100	7 x 1/2	100	6.22
HW8X1/2Z 1M	8 x 1/2	1,000	48.74
HW8X1/2Z 100	8 x 1/2	100	5.72
HW8X1/2 15000	8 x 1/2	15,000	339.50
HW8X3/4Z 1M	8 x 3/4	1,000	54.12
HW8X3/4Z 100	8 x 3/4	100	7.36
HW8X1Z 500	8 x 1	500	34.16
HW8X1Z 100	8 x 1	100	8.54
HW8X11/2Z250	8 x 1-1/2	250	23.46
HW8X11/2Z 50	8 x 1-1/2	50	5.58
HW8X2Z 250	8 x 2	250	31.48
HW8X2Z 50	8 x 2	50	8.86
HW10X1/2Z 1M	10 x 1/2	1,000	63.22
HW10X3/4Z 1M	10 x 3/4	1,000	73.02
HW10X1Z 500	10 x 1	500	43.20

Drill-In Screws



Part #	Size	Pack	Price
HW10X11/2 50	10 x 1-1/2	50	9.94
HW10X2 50	10 x 2	50	12.98
HW12X1 50	12 x 1	50	8.18
HW12X11/2 50	12 x 1-1/2	50	12.50

Bit-Tip® #2 Screws - HW Head

- Taps a matching thread
- Drills its own hole
- Taps a matching thread
- Fastens in steel up to .200 thick



Part #	Screw Size	Driver Size	Pack	Price
BT131 500	8-18 x 1/2	1/4"	500	29.58
BT133 100	8-18 x 3/4	1/4"	100	9.30
BT133 500	8-18 x 3/4	1/4"	500	40.08
BT134 500	8-18 x 1	1/4"	500	49.74
BT141 500	10-16 x 1/2	5/16"	500	44.10
BT143 500	10-16 x 3/4	5/16"	500	38.14
BT144 500	10-16 x 1	5/16"	500	59.36

Nine Compartment Electrician's Pouch

- Includes:
  - 2 large flared inside pockets with center divider
  - Back wall slots for 3 drivers
  - 3 flared deep front pockets
  - 2 outside open end driver slots
  - Swing chain "T" bar for friction tap & riveted harness snap for small tool or knife
  - Holster for steel tape (12' x 3/4") capacity
  - Outside hammer loop
  - Wide tunnel belt loop



Part #	Description	Price
TP3	Leather 9 Compartment Pouch	75.50

Leather Belt - Heavy Duty 1-3/4" Wide

- Distinctive tooled 9-10 oz saddle leather
- Heavy roller buckle & leather keeper
- One size fits all - Cut off to desired length from 30" to 46"



Part #	Size	Price
TPB4	2-1/4" x 46" Leather Belt	37.04

Tote Trays

- Heavy duty, crush proof
- Rust proof polypropylene body material
- Model 1660 is tote box only
- Model 1662 features two lift-out trays & includes a lid



Part #	Size (L x W x H)	Price
1660	15" x 10" x 4-1/2"	22.62

No Wait Service at 2-J

Tell Us When You'll Be Here, Your Order Will Be Ready

Standard Side-Cutting Pliers

NE-Type Side-Cutting Pliers

- Plastic dipped handles
- Sure-gripping, cross-hatched knurled jaws



Part #	Overall Length	Jaw Length	Jaw Width	Price
D201-7NE	7-7/16"	1-9/32"	1-1/16"	60.24

High Leverage Side-Cutting Pliers

NE-Type Side-Cutting Pliers - Streamlined Design

- Plastic dipped handles
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- High leverage



Part #	Overall Length	Jaw Length	Jaw Width	Price
D213-9NE	9-1/4"	1-19/32"	1-1/4"	53.42

NE-Type Side-Cutting Pliers - Connector Crimping

- Plastic dipped handles
- Crimping die behind hinge for superior leverage crimping
- Streamline design with rounded nose and sure-gripping, cross-hatched knurled jaws
- High leverage



Part #	Overall Length	Jaw Length	Jaw Width	Price
D213-9NE-CR	9-3/8"	1-19/32"	1-1/4"	73.96

Journeyman™ 2000 Series NE-Type Side-Cutting Pliers - Heavy Duty

- Dual material handles
- Heavy-duty cutting knives for ACSR, bolts, nails & most hardened wire
- High leverage



Part #	Overall Length	Jaw Length	Jaw Width	Price
J2000-9NE	9-1/2"	1-19/32"	1-1/4"	84.78

Needle-Nose Pliers

Standard Long Nose Side-Cutting Pliers

- Plastic dipped handles
- Induction-hardened, long-lasting cutting knives
- Knurled jaws for sure wrapping and looping



D203-6

Part #	Overall Length	Jaw Length	Jaw Width	Price
D203-6	6-5/8"	1-7/8"	11/16"	36.80
D203-7	7-3/16"	2-7/16"	11/16"	40.30

Heavy-Duty Side-Cutting Long Nose Pliers - Wire Strippers & Crimping

- Plastic dipped extended handles
- Cleanly strips 12 AWG wire
- Crimps connectors, lugs & terminals
- Induction hardened cutting knives



Part #	Overall Length	Jaw Length	Jaw Width	Price
D203-8NCR	8-5/8"	2-5/16"	1"	69.74

Standard Diagonal-Cutting Pliers

Heavy Duty Diagonal Cutters - Tapered Nose

- Plastic dipped handles



Part #	Overall Length	Jaw Length	Jaw Width	Price
D220-7	7-11/16"	1"	31/32"	49.32

Heavy Duty Diagonal Cutters - All Purpose

- Plastic dipped handles



Part #	Overall Length	Jaw Length	Jaw Width	Price
D252-6	6-1/8"	13/16"	3/4"	46.50

High Leverage Diagonal-Cutting Pliers

Diagonal Cutter Pliers

- Plastic dipped handles
- High leverage



Part #	Overall Length	Jaw Length	Jaw Width	Price
D228-7	7-1/8"	13/16"	1-3/16"	43.08

Diagonal Angled Head Cutter Pliers

- Plastic dipped handles
- High leverage



Part #	Overall Length	Jaw Length	Jaw Width	Price
D248-8 *	8-1/16"	13/16"	1-3/16"	43.62

* Semi-flush cuts Cherry Barrel rivets - for use on non-ferrous wire only

Pump Pliers

Pump Pliers - Plastic Dipped Handles

- Secure tongue & groove design for non-slip grip
- Wide range of versatile jaw positions



Part #	Length	Max	Price
D502-10	10"	1-3/4"	39.16
D502-12	12-1/4"	2-3/8"	49.40

Adjustable Wrenches

Adjustable Wrenches - Extra Capacity Plain Handle

- Excellent in confined spaces
- High polish chrome finish



Part #	Length	Capacity	Price
D507-8	8-1/4"	1-1/8"	46.00
D507-10	10-1/4"	1-5/16"	55.40
D507-12	12-1/4"	1-1/2"	83.44

Ratcheting Box Wrenches

Fully Reversible Ratcheting Refrigeration Wrenches

- Designed for refrigeration packing gland nuts and valve stem sockets, also beam-clamp installation
- Compact size, clearly marked sockets for four nut sizes
- Chrome finish



Part #	Socket Sizes	Price
68310	3/16" & 5/16" Square x 1/4" & 3/8" Square	27.48

3-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Includes:
  - 68234 1/4" x 5/16"
  - 68236 3/8" x 7/16"
  - 68238 1/2" x 9/16"

Part #	Socket Sizes	Price
68244	3-Piece Set	78.34

Wire Stripping & Cutting Tools

Long Nose Multi-Purpose Tool

- Crimps insulated & non-insulated terminals and 7 to 8 mm ignition terminals
- Long, curved cutting blade
- Cleanly shears bolts
- Plastic-covered cushioned handles



Part #	Strips & Cuts	Price
1010	10-22 AWG	38.36

Wire Strippers-Cutters - Spring Action

- 6-1/4" Overall Length
- Narrow nose fits into tight places
- Do not use for cutting steel wire or bolts



Part #	Strips & Cuts	Handle Color	Price
11045	10 - 18 Solid	Yellow	23.46

Klein-Kurve™ Wire Stripper/Cutter

- Precision shear-type blades
- Clean cuts on solid and stranded copper wire
- Markings on both sides
- Curved handles
- Wire looping and bending holes
- Coil spring provides fast self-opening action
- Precision-ground stripping holes
- Strong-gripping serrated nose
- Screw-shearing holes
- Handy closure lock for convenient storage
- Double-dipped comfort grips



KLEIN-KURVE

Part #	Strips & Cuts	Price
11055	10 to 18 Solid, 12 to 20 Stranded	34.38

Cushion Grip Screwdrivers

Stubby Heavy Duty Square Shank Screwdriver - Keystone Tip



Part #	Shank Tip	Shank Length	Overall Length	Price
600-1	1/4"	1-1/2"	3-7/16"	12.70

Heavy Duty Square Shank Screwdrivers - Keystone Tip



Part #	Shank Tip	Shank Length	Overall Length	Price
600-4	1/4"	4"	8-11/32"	16.38

Round Shank Screwdrivers - Cabinet Tip



Part #	Shank Tip	Shank Length	Overall Length	Price
601-6	3/16"	6"	9-3/4"	14.68

Heavy Duty Round Shank Screwdrivers - Keystone Tip



Part #	Shank Tip	Shank Length	Overall Length	Price
602-4	1/4"	4"	8-11/32"	16.88
602-6	5/16"	6"	10-15/16"	19.92

Stubby Round Shank Screwdriver - Profilated® Phillips Tip



Part #	Point Size	Shank Length	Overall Length	Price
603-1	#2	1-1/2"	3-7/16"	12.94
603-4	#2	4"	8-5/16"	15.60
603-6	#3	6"	1#1	19.92

4-Piece Mini Cushion Grip Screwdriver Set

- Includes:
  - 604-3 Phillips tip #0
  - 606-2 Keystone tip 1/16"
  - 607-3 Cabinet Tip 3/32"
  - 608-3 Cabinet Tip 1/8"

Part #	Description	Price
85484	4-Piece Mini Driver Set	42.82

Rapi-Driv® Rotary Screwdriver - Cabinet Tip

- Crank-action handle



Part #	Shank Tip	Shank Length	Overall Length	Price
670-6	3/16"	6"	9-3/4"	18.34

Rapi-Driv® Rotary Screwdriver - Phillips Tip

- Crank-action handle



Part #	Point Size	Shank Length	Overall Length	Price
682-6	#2	6"	9-3/4"	18.64

Tools

Screw-Holding Screwdrivers

Slotted Screw-Holding Screwdrivers



Part #	Shank Tip	Shank Length	Overall Length	Price
K36	1/4"	6"	9-3/4"	17.00

Cushion-Grip Nut Drivers

Stubby Nut Drivers - 1-1/2" Hollow Shank

- Full hollow shank for long bolts or studs
- Meets or exceeds applicable AMSE / ANSI specifications



Part #	Description	Price
610	Set of 1/4" & 5/16"	24.18
610-1/4M	1/4" Magnetic Tip	16.32
610-5/16M	5/16" Magnetic Tip	17.22

Nut Drivers - 3" Hollow Shank

- Standard length for most applications
- Fits over long bolts and studs



Part #	Size	Price
630-1/4	1/4"	12.40
630-5/16	5/16"	12.54
630-1/4M	1/4" Magnetic Tip	16.50
630-5/16M	5/16" Magnetic Tip	17.74
630-3/8M	3/8" Magnetic Tip	19.60

Nut Drivers - 6" Hollow Shaft

- Reaches into deep recesses
- Fits over long bolts and studs



Part #	Size	Price
646-1/4	1/4"	18.08
646-5/16	5/16"	14.26
646-3/8	3/8"	14.62
646-1/4M	1/4" Magnetic Tip	18.60
646-5/16M	5/16" Magnetic Tip	20.22
646-3/8M	3/8" Magnetic Tip	21.38
646M	Set of 1/4" & 5/16" Magnetic Tip	35.80

Drive-A-Matic Cushion Grip Nut Drivers

- Automatically fits (15) different nut and screw sizes
- Hex head adjusts to the proper size as you turn it



Part #	Description	Price
632	7" Open; 6-3/4" Closed	59.46

Plastic Handle Hollow-Shaft Nut Drivers

7-Piece 3" Shaft Nut Driver Set in Plastic Pouch

- In reclosable heavy-vinyl, seal-tight hang-up pouch



Part #	Sizes	Price
89004	3/16" - 1/2"	89.90

7-Piece 6" Shaft Nut Driver Set

- Chrome plated, hollow shank



Part #	Sizes	Price
89904	3/16" - 1/2"	98.58

Screwdriver/Nut Driver Combinations

5-in-1 Screwdriver/Nut Driver

- End of handle is marked to quickly identify tool
- Includes
  - 5/16" Nut driver
  - #1 & #2 Phillips
  - 9/32" Slotted & 3/16" slotted



Part #	Description	Price
32476	5-in-1 Screw/driver/Nut Driver	18.82

Tools

10-in-1 Screwdriver/Nut Driver

- End of handle is marked to quickly identify tool
- Includes:
  - 5/16" & 1/4" Nut drivers
  - #1 & #2 Phillips
  - 1/4" & 3/16" Slotted
  - #10 & #15 TORX®
  - #1 & #2 square-recess
- Cushion grip handle



Part #	Description	Price
32477	10-in-1 Screw/driver/Nut Driver	25.58

11-in-1 Screwdriver/Nut Driver

- End of handle is marked to quickly identify tool
- Includes:
  - 3/8", 5/16" & 1/4" Nut drivers
  - #1 & #2 Phillips
  - 1/4" & 3/16" Slotted
  - #10 & #15 TORX®
  - #1 & #2 Square-recess
- Cushion grip handle



Part #	Description	Price
32500	11-in-1 Screw/driver/Nut Driver	29.86

7-Piece Multiple Application Screwdriver & Nut Driver Set

- Includes:
  - (1) Keystone tip 1/4"
  - (2) Cabinet tips 3/16" & 1/4"
  - (1) Phillips tip #2
  - (3) Nut drivers 1/4", 5/16" & 3/8"

Part #	Description	Price
55152	7-Piece Screwdriver Set	98.08

Ratcheting Box Wrenches

Fully Reversible Ratcheting Offset Box Wrench

- Both ends are offset 25°
- Quick-flip reversing lever
- Chrome-plated



Part #	Size	Length	Price
68234	1/4" x 5/16"	4-3/8"	21.32

Scratch Awls

Cushion Grip Scratch Awl



Part #	Blade Length	Overall Length	Price
650	3-1/2"7-7/8"		19.54

Folding Hex Key Sets

Nine Key Hex Set



Part #	Description	Price
70591	4-1/4" Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	13.74

Jab Saw

- Cuts drywall, wallboard, plywood, and plastic
- Triple ground teeth for a fast cut
- Blade cuts in both directions (push and pull)
- Hardened, beveled blade point for scoring and plunge cuts
- Comfort-cushion grip with thumb groove
- Flat-end grip for palming or punching through drywall



Part #	Blade Length	Overall Length	Price
725	6"	12"	23.48

Tools

Steel Tapes

Power Return Rulers - Magnetic Dual-End Hook, Double-Sided Blade



- Oversized numbers
- Baked-on epoxy coating to resist scratches, rust, and abrasions
- 3-Rivet end hook reinforce the blade tip
- Positive no-drift lock firmly holds the blade in place at any length
- True zero feature for accurate inside and outside measuring
- 16" & 19.2" Stud marks
- Tape measure holders available

Part #	Length	Width	Price
918-25RE	25'	1"	36.48

Tool Holders

Tool Tote™ - Shoulder Strap

Part #	Description	Price
58888	7 Exterior Pockets, 5 Interior Pockets	148.90

Zipper Canvas Bags

- Assorted colors: olive, orange, royal blue & yellow

Part #	Description	Price
5140	Set of 4, 7"H x 12-1/2"L, 178mm Depth	70.70

Mobile Phone Holders - Powerline™ Series



- Fits most small mobile phones
- Closable flap features genuine VELCRO® brand touch fasteners
- Closed bottom for convenient storage

Part #	Length	Size	Price
5715S	4-1/2"	Small	29.28
5715XS	4-1/2"	Extra Small	29.28

Gloves

Journeyman Framer Gloves (K2)

- Fingerless design on thumb, index and middle finger
- DURA-FIT™ synthetic leather palm
- Non-slip rubberized finger grippers
- Stretch fabric panels between fingers
- Easy-entry Neoprene cuff
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure



JOURNEYMAN

Part #	Description	Price
40058	Large	47.98
40059	Extra Large	47.98

Journeyman Leather Work Gloves (K4)

- Genuine Goatskin professional-grade leather
- Two-way form-fitting spandex top
- Molded Thermal Plastic Rubber (TPR) ribs offer flexible protection for back of hand and fingers
- Lightly padded palm
- Easy-entry elastic cuff
- Stretch knuckle with foam padding
- Thermal Plastic Rubber (TRP) cuff strap with hook and loop closure



JOURNEYMAN

Part #	Description	Price
40068	Large	67.98
40069	Extra Large	67.98

Promotional Products

Beverage Tool



Part #	Description	Price
98002BT	Beverage Opening Tool	14.16

Flashlights / Light Bulbs / Lights

Flashlights by Mag-Lite®



79223

AA Holster Combo

Part #	Description	Price
ML-2	Mag-Lite 2D-Cell (Black)	52.58
MML-2	Mini Mag-Lite 2AA Combo with Holster (Black)	38.22
PMH-11	AA Nylon Mag-Lite Holster (Black)	11.38
LM-2	AA Replacement Bulbs, 2 Pack	4.66
PR2-2	2D Cell Replacement Bulbs, 2 Pack	Spec Ord

Rayovac® Batteries



Part #	Description	Price
7110	2 "D" Cells Alkaline	9.16
7115	2 "C" Cells Alkaline	9.16
7120	2 "AA" Cells Alkaline	6.82
7127	2 "AAA" Cells Alkaline	6.30
7130	1 9V Alkaline	8.80

Light Bulbs

Toughskin Coated Light Bulbs

- Shatter-proof, no glass fragments if broken



Part #	Description	Price
8516	75 Watt	5.92

Rough Service Light Bulbs

- Multi-support filament
- Lasts twice as long as a standard bulb



Part #	Description	Price
8501	75 Watt Frosted	3.12

Saf T Lites Bulb for SL13

Part #	Mfg #	Description	Price
PL13	PL13	13 Replacement Bulb	28.58

Furnace Fooler



Part #	Mfg #	Description	Price
FF-75	FF-75	Door Switch Depression Tool	16.66

No Wait Service at 2-J

Tell Us When You'll Be Here, Your Order Will Be Ready

HVAC Chemicals

Coil Cleaners

Con-Coil™ Condenser Coil Cleaner



- Acid based foaming brightener and cleaner for air-cooled condenser coils
- Pink color

Part #	Mfg #	Description	Price
CON-COIL	82622	1 gal Con-Coil™	21.98

Renewz™



- Non-acid foaming brightener and cleaner for air-cooled condenser coils
- Clean in less than 5 minutes

Part #	Mfg #	Description	Price
RENEWZ	82644	1 gal Renewz™	23.70

Coil-Rite™ Evaporator Coil Cleaner



- Low foaming, self-rinsing
- Green color

Part #	Mfg #	Description	Price
COIL-RITE	82612	1 gal Coil-Rite™	21.98

A/Coat™ Coil Protectant



- Ideal for refrigeration applications
- Meets military specs
- Protects against salt spray, sulfuric acid, hydrochloride acid, and sodium hydroxide

Part #	Mfg #	Description	Price
WCP-1	6435	20 oz Clear Aerosol	36.64

Blast-A-Coil Cleaner



- Aerosol, non-ozone depleting

Part #	Mfg #	Size	Price
BLAST-A-COIL	BAC20	20 oz	21.76

Foam N'Clean Coil Cleaner



- Super high foaming, deodorized, alkaline cleaner
- For cleaning & brightening aluminum finned cooling & heating coils, condensers & evaporators
- USDA Authorized for use in federally inspected plants

Part #	Mfg #	Description	Price
FOAM N CLEAN	FNC1	1 Gal	22.50

Nu-Brite®



- Foaming coil cleaner
- Brightens as it cleans
- Safer than acids
- Biodegradable, USDA approved

Part #	Mfg #	Description	Price
NU-BRITE	4291-08	1 Gallon	28.90

Evap Foam® No Rinse Aerosol



- High performance detergent w/special surfactants and alkaline cleaners, foaming
- "No rinse required"
- Spray right side up or upside down
- For cooling or evaporator coils

Part #	Mfg #	Description	Price
EVAP FOAM	4171-75	18 oz Aerosol Can	15.28

HVAC Chemicals

Spray Tube for Evapo-Foam

Part #	Mfg #	Description	Price
19697	19697	Spray Tube For Evapo-foam	Spec Ord

Acid-Away®

- Compressor burnout acid neutralizer



Part #	Mfg #	Description	Price
45004	45004	4 oz	37.50

Actabs™ EE Drain Pan Cleaners

- EPA registered biocide



Part #	Mfg #	Description	Price
AC-TABS-EE	68102	3 Tablet Pouch of Tablets	7.10

Humidi-Treat

Part #	Mfg #	Description	Price
4190-02	4190-02	By Nu Calgon	28.64

Rx11-Flush®

- Ozone-safe solvent for flushing refrigeration and air conditioning systems/line sets
- Rinses away particulate, sludge, carbon residues, acids, oils and water



4300-09 4300-10 4300-99 4300-50

Part #	Mfg #	Description	Price
RX11 FLUSH	4300-09	1 lb Canister for 3-4 Tons	97.32
RX FLUSH 2 PACK	4300-10	Start-Up Pack (2) 2 Lb Canisters & Tool	412.00
4300-99	4300-99	Injection Tool for Rx11 Flush	54.26
4300-50	4300-50	Flushing Tool for Rx11 Flush	21.28

Condensate Pan Repair

Pan Patch Aerosol

- Non-chlorinated, rubberized, flexible spray-on coating designed to seal out rust & corrosion while repairing leaks in metal or plastic condensate drain pans



Part #	Mfg #	Size	Price
PAN PATCH	PPA	20 oz	15.50

Thank You
For Your Business
. . . . 2-J Supply . . . .
Your Partner Company

HVAC Chemicals

RECTORSEAL

Rectorshield™ Heat Absorbing Compound



- Tan color
- Thermal absorption compound

Part #	Size	Price
83554	11 oz Tube	18.36

Metacaulk® 1000 Firestopping Caulk



- Red color
- Water based

Part #	Description	Price
66302	10.3 oz Cartridge	28.86

Sootomagic™ Soot Remover Stick



- Catalytically active for safest soot removal
- Contains no lead

Part #	Description	Price
68332	Soot O Magic Stick	3.70

Thread Sealants

Rectorseal® Tru-Blu™®



- Blue color
- Contains Teflon® for high vibration environments

Part #	Description	Price
31780	1-3/4 oz Tube	5.16
31551	1/2 pt Brush Top	15.44

Thick Dope



- Lubricates as well as seals
- For use on steel & brass pipes, low or high pressure
- Contains wicking for use on water, ammonia, steam, dilute acid & alkaline pipe lines

Part #	Description	Price
THD-SC	8 oz	6.56

Teflon Pipe Dope



- Heavy duty lubricating & sealing medium for gasoline, L.P. gases, kerosene, oils, refrigerants, caustics, acids, solvents, gases, ammonia, brine or salt water, steam, water, hot water & chemical products on threaded connections of aluminum, brass, steel, etc.
- Non-toxic & can be used between -50°F & 500°F & withstands pressures to 10,000 psi
- Non-hardening, non-drying, remains plastic
- Safe for food systems

Part #	Description	Price
TFD-SC	1/2 pt	17.90

Leak Lock Joint Compound

HIGHSIDE CHEMICALS



- Resistant to all refrigerants, oils, water and most chemicals, liquids and gases
- Ideal for joining all metals, plastics and other materials
- Will stick to all clean surfaces
- Guarantees a perfect seal under all conditions

Part #	Quantity	Price
10001	1-1/3 Oz Tube	5.98

Teflon Tape



Part #	Description	Price
T1/2X260	1/2" x 260'	1.00

Plasti-kote™ General Purpose Spray Paint



- Resist temperatures to 1500°F
- Fast drying

DIVERSITECH

Part #	Description	Price
PAINT BLK	10 oz Flat Black Paint	7.96

All Items Not Stocked in All Branches - Call for Availability

Chemicals

Plastic Pipe Cements

PVC Cement - Clear

- Medium to fast setting cement for up to Schedule 40 PVC pipe and fittings for use up to 8" diameter
- For PVC Types I & II potable water
- NSF and UPC listed
- Conforms to ASTM #E-2564
- Dauber in can



Mfg #	Description	Price
PVC-C8	8 oz	7.00
PVC-C4	1/4 pt	5.46
PVC-C16	1 pt	11.92
PVC-QT	1 qt	24.44

ABS-DWV Cement - Black

- A high viscosity fast setting cement for pipe & fittings up to 8" in diameter
- Types I & II potable water
- NSF and UPC listed
- Conforms to ASTM #D-2235
- Dauber in can



Mfg #	Description	Price
ABS-4B	1/4 pt	5.12

"Weatherproof" Blue Low VOC Medium Bodied All Weather PVC Cement

WHITLAM PLUMB-PRO

- Fast set, one step cement
- Great for flexible PVC pipe
- Wet/dry applications
- Allows for immediate pressure testing, sets in 20 seconds
- Dauber in can



Mfg #	Description	Price
WET8	1/2 pt	12.90

Plastic Pipe Primers

Clear Primer

Mfg #	Description	Price
APP-8	8 oz	8.66

Plastic Pipe Cleaners

Mfg #	Description	Price
PPC-8	8 oz	6.30
PPC-16	16 oz	10.56
PPC-QT	1 qt	21.32

Boiler & Heating System Cements

All-Purpose Combo Cement

- Non-asbestos
- A combination 3000°F cement that can be used either as a furnace or refractory cement
- A smooth cement, easy to apply
- Odorless & acid-resisting
- For installing or resetting oil, gas or coal-equipment



Mfg #	Description	Price
CC-5	1/2 gal	18.72
CC-13	1 gal	34.66

Furnace Cement

- Non-asbestos
- Smooth, high-temperature fireproof cement
- Easy to apply
- Will not crumble or fall out with heating & cooling



Mfg #	Description	Price
FC-1G	1 pt Gray	7.62

Chemicals

Boiler & Heating System Cleaners

"One Hour" Boiler Cleaner



- Designed to stop priming & foaming in steam installations in 60 minutes or less
- Oil free

Mfg #	Description	Price
OHC-1	1 lb	19.20

Boiler Colloid



- For cleaning & conditioning high or low pressure steam heating systems
- Concentrated, soluble, hydrous colloid, odorless in solution, prevents corrosion & economical to use
- Oil free
- Forms a colloidal suspension upon contact with oil, dirt, scale & other foreign matter found
- When boiler is drained, all oil, dirt, scale & foreign matter is removed, leaving a clean boiler

Mfg #	Description	Price
BC1	1 qt	19.20

PEP Fuel Oil Conditioner



- No longer necessary to pump fuel oil tanks
- Eliminates service calls due to clogged nozzles, strainers, lines resulting from dirty tanks
- Pour required amount into oil tank & operate burner for 24 hours

Mfg #	Description	Price
PEP-1	1 qt	19.10

Soot Destroyer Spray



Mfg #	Description	Price
SDS-1	15-3/4 oz	15.30

Boiler Stopleak Liquid



- Odorless, does not induce priming & foaming
- Seals leaks & cracks in steam or hot water heating boilers, forming a tough, metallic weld at the crack
- Works well on new & old installations
- Oil free

Mfg #	Description	Price
BSL1	1 qt	17.30

Dark Cutting Oil



- Recommended for machine threading
- Odorless, colloidal sulfur base which will not settle out
- Will flow at 0°F
- Gives perfect threads & prolonged die life

Mfg #	Description	Price
CO-2D	1 qt (Squirt Caps)	14.66

S.O.S. #1 Spray Lubricant



- Developed to lubricate & dry delicate electrical mechanisms

Mfg #	Description	Price
SOS-1	11-3/4 oz Spray Can with Extension Tube	9.90

WD-40 Spray Lubricant



Mfg #	Description	Price
79012	11 oz Spray Can	8.18

Chemicals

Rust Breaker



- Loosens rusted bolts, screws, shafts, piping etc
- Telescoping spout applicator

DIVERSITECH

Mfg #	Description	Price
CR-1	4 oz Rust Breaker	2.68

Zoom-Spout Oiler



- All purpose oiler with 14" telescoping spout

Mfg #	Size		Price
40019	4 oz	Each	2.36

Cleaning & Maintenance Compounds

Odorout Powder



- Shake odorout on floor to stop fuel oil odors caused by spills, stains, leaks & tank overflow
- Removes oil stain from concrete floors

Mfg #	Description	Price
OP-1	1 lb Shaker Top	11.32

Odorout Spray



- Stops fuel oil odors

Mfg #	Description	Price
OS-1	13-1/4" oz Can	12.46

Speed Clean Spray



- Cleans & burnishes in one operation
- For use on thermostats, relays, switches, controls, etc.
- Includes plastic extension tube
- Do not use on plastics or painted surfaces

Mfg #	Description	Price
SC-1	Speed Clean	13.72

SAKRETE

Sakrete® Contractors 5000 Concrete Mix



Part #	Size	Price
110310	10# Bag	5.98

CGM INCORPORATED

Perma Patching Cement



- Bonds to concrete, stone & masonry
- Sets in 10 minutes
- Just add water

Part #	Mfg #	Description	Price
10PC	10PC	10 lb Tub	27.00

Aluminum Coating Mfg.

Roof Cement

Part #	Mfg #	Description	Price
ROOF CEM 1G	42501	1 Gallon	25.30

Asphalt Patch

Part #	Mfg #	Description	Price
BLACKTITE	42577	10 oz Tube	4.40

Chemicals / Sprayers / Caulk Gun

ESP

Expand-A-Foam

- Expands to three times its exit size
- Multi-purpose filler for holes, joints & cracks



Part #	Mfg #	Description	Price
GREATSTUFF	EF12	12 oz.	14.28

Caulk Gun



Part #	Mfg #	Description	Price
CG10	CG101	1/10 qt	6.18

Sprayers

Acid Blaster Sprayer

- Two gallon compression sprayer
- Chemical resistant patented acid valve and viton gaskets
- Stainless pump rod and plate
- Adjustable spray levels



Part #	Mfg #	Description	Price
AB10	AB10	Acid Blaster Sprayer (Replaces Shooter)	94.66
AB10 NOZZLE	6-6003	Nozzle Replacement f/AB10	12.86
AB10 WAND	6-7748	Wand Replacement f/AB10	14.44

"Tommy Gun" Sprayer

- Two quart compression sprayer
- Made out of high pressure impact polyethylene
- Adjustable spray nozzle



Part #	Mfg #	Description	Price
TOMMY GUN	TG007	2 qt Sprayer	48.74

All Purpose Sprayers

- Has a measured ounce guide
- Spray mist or a full jet stream
- Use for water treatment chemicals, insecticides, gardens, laundry, & hair, etc.

BRAMEC®



Part #	Mfg #	Description	Price
0141	0141	1 qt Sprayer	6.36

BOSS® 368 Butyl Rubber Sealant

- One-part skinning material
- Adheres to metal, asphalt, wood & masonry
- Excellent for sealing standing seam roofs, side walls, gutters & downspouts, sheet metal
- Fills & caulks joint in HVAC ducts
- Exceeds metal building requirements and Federal Spec TTS-001657



Part #	Mfg #	Size	Price
BC42	36801	10.3 oz	9.14

BOSS® 873 Silicone Caulk

Part #	Mfg #	Description	Price
8732A	8732A	Aluminum	5.80
8732B	8732B	Black	5.80
8732C	8732C	Clear	5.80
8732W	8732W	White	5.80

BOSS® 873 High Temperature Caulk

Part #	Mfg #	Description	Price
8736R	8736R	Red	10.38

All Items Not Stocked in All Branches - Call for Availability

Common Conversion Formulas

From	To	Multiply By
Acres	Hectares	.4047
Acres	Square Feet	43,560
Acres	Square Miles	.001562
Atmospheres	Cms. of Mercury	76
BTU	Horsepower-Hour	.0003931
BTU	Kilowatt-Hour	.0002928
BTU/Hour	Watts	.2931
Bushels	Cubic Inches	2150.4
Bushels (U.S.)	Hectoliters	.3524
Centimeters	Inches	.3937
Centimeters	Feet	.03281
Cubic Feet	Cubic Meters	.0283
Cubic Meters	Cubic Feet	35.3145
Cubic Meters	Cubit Yards	1.3079
Cubic Yards	Cubic Meters	.7646
Degrees	Radians	.01745
Dynes	Grams	.00102
Fathoms	Feet	6.0
Feet	Meters	.3048
Feet	Miles (Nautical)	.0001645
Feet	Miles (Statute)	.0001894
Feet/Second	Miles/Hour	.6818
Furlongs	Feet	660.0
Furlongs	Miles	.125
Gallons (U.S.)	Liters	3.7853
Grains	Grams	.0648
Grams	Grains	15.4324
Grams	Ounches Avdp	.0353
Grams	Pounds	.002205
Hectares	Acres	2.4710
Hectoliters	Bushels (U.S.)	2.8378
Horsepower	Watts	745.7
Hours	Days	.04167
Inches	Millimeters	25.4000
Inches	Centimeters	2.5400
Kilograms	Pounds Avdp or T	2.2046

Common Conversion Formulas

From	To	Multiply By
Kilometers	Miles	.6214
Kilowatts	Horsepower	1.341
Knots	Nautica Miles/Hour	1.0
Knots	Statute Miles/Hour	1.151
Liters	Gallons (U.S.)	.2642
Liters	Pecks	.1135
Liters	Pints (Dry)	1.8162
Liters	Pints (Liquid)	2.1134
Liters	Quarts (Dry)	.9081
Liters	Quarts (Liquid)	1.0567
Meters	Feet	3.2808
Meters	Miles	.0006214
Meters	Yards	1.0936
Metric Tons	Tons (Long)	.9842
Metric Tons	Tons (Short)	1.1023
Miles	Kilometers	1.6093
Miles	Feet	5280
Miles (Nautical)	Miles (Statute)	1.1516
Miles (Statute)	Miles (Nautical)	.8684
Miles/Hour	Feet/Minute	88
Millimeters	Inches	.0394
Ounces Avdp	Grams	28.3495
Ounces	Pounds	.0625
Ounches (Troy)	Ounces (Avdp)	1.09714
Pecks	Liters	8.8096
Pints (Dry)	Liters	.5506
Pints (Liquid)	Liters	.4732
Pounds AP or T	Kilograms	.3782
Pounds Avdp	Kilograms	.4536
Pounds	Ounces	16
Quarts (Dry)	Liters	1.1012
Quarts (Liquid)	Liters	.9463
Radians	Degrees	57.30
Rods	Meters	5.029
Rods	Feet	16.5
Square Feet	Square Meters	.0929

All Items Not Stocked in All Branches - Call for Availability

Useful Formulas

Decimal Equivalents of Fractions

Inches	Decimal of an Inch
1/64	.015625
1/32	.03125
3/64	.046875
1/16	.0625
5/64	.078125
3/32	.09375
7/64	.109375
1/8	.125
9/64	.140625
5/32	.15625
11/64	.171875
3/16	.1875
13/64	.203125
7/32	.21875
15/64	.234375
1/4	.25
17/64	.265625
9/32	.28125
19/64	.296875
5/16	.3125
21/64	.328125
1/3	.333
11/32	.34375
23/64	.359375
3/8	.375
25/64	.390625
13/32	.40625
27/64	.421875
7/16	.4375
29/64	.453125
15/32	.46875
31/64	.484375
1/2	.5

Inches	Decimal of an Inch
33/64	.515625
17/32	.53125
35/64	.546875
9/16	.5625
37/64	.578125
19/32	.59375
39/64	.609375
5/8	.625
41/64	.640625
21/32	.65625
43/64	.671875
11/16	.6875
45/64	.703125
23/32	.71875
47/64	.734375
3/4	.75
49/64	.765625
25/32	.78125
51/64	.796875
13/16	.8125
53/64	.828125
27/32	.84375
55/64	.859375
7/8	.875
57/64	.890625
29/32	.90625
59/64	.921875
15/16	.9375
61/64	.953125
31/32	.96875
63/64	.984375
1	1

Gas Flow Capacities

Max Capacity of Pipe For Undiluted Liquefied Petroleum Gases

at 11"wc Inlet Pressure
Based on a Pressure Drop of 0.5"wc

Nom IPS	10' Pipe	20' Pipe	30' Pipe	40' Pipe	50' Pipe	60' Pipe	70' Pipe	80' Pipe	90' Pipe	100' Pipe	125' Pipe	150' Pipe
1/2"	275	189	152	129	114	103	96	89	83	78	69	63
3/4"	567	393	315	267	237	217	196	185	173	162	146	132
1"	1071	732	590	504	448	409	378	346	322	307	275	252
1-1/4"	2205	1496	1212	1039	913	834	771	724	677	630	567	511
1-1/2"	3307	2299	1858	1559	1417	1275	1181	1086	1023	976	866	787
2"	6221	4331	3465	2992	2646	2394	2205	2047	1921	1811	1606	1496

Pipe Capacity (Thousand of BTUH)

Max Capacity of Semi-Rigid Tubing For Undiluted Liquefied Petroleum Gases

At 11"wc Inlet Pressure
Based on a Pressure Drop of 0.5"wc

Outside Diameter	10' Tube	20' Tube	30' Tube	40' Tube	50' Tube	60' Tube	70' Tube	80' Tube	90' Tube	100' Tube
3/8"	39	26	21	19	--	--	--	--	--	--
1/2"	92	62	50	41	37	35	31	29	27	26
5/8"	199	131	107	90	79	72	67	62	59	55
3/4"	329	216	181	145	131	121	112	104	95	90
7/8"	501	346	277	233	198	187	164	155	146	138

Tubing Capacity (Thousand of BTUH)

All Items Not Stocked in All Branches - Call for Availability



Gas Flow Capacities

Max Capacity of Pipe For Gas Pressure of .05 PSIG or Less

With Pressure Drop of 0.5"wc and 0.60 Specific Gravity

Sch 40 Pipe	Intrn'l Dia (In)	10' Pipe	20' Pipe	30' Pipe	40' Pipe	50' Pipe	60' Pipe	70' Pipe	80' Pipe	90' Pipe	100' Pipe	125' Pipe	150' Pipe	175' Pipe	120' Pipe
1/4"	.364	43	29	24	20	18	16	15	14	13	12	11	10	9	8
3/8"	.493	95	65	52	45	40	36	33	31	29	27	24	22	20	19
1/2"	.622	175	120	97	82	73	66	61	57	53	50	44	40	37	35
3/4"	.824	360	250	200	170	151	138	125	118	110	103	93	84	77	72
1"	1.049	680	465	375	320	285	260	240	220	205	195	175	160	145	135
1¼"	1.380	1400	950	770	660	580	530	490	460	430	400	360	325	300	280
1½"	1.610	2100	1460	1180	990	900	810	750	690	650	620	550	500	460	430
2"	2.067	3950	2750	2200	1900	1680	1520	1400	1300	1220	1150	1020	950	850	800
2½"	2.469	6300	4350	3520	3000	2650	2400	2250	2050	1950	1850	1650	1500	1370	1280
3"	3.068	11000	7700	6250	5300	4750	4300	3900	3700	3450	3250	2950	2650	2450	2280
4"	4.026	23000	15800	12800	10900	9700	8800	8100	7500	7200	6700	6000	5500	5000	4600

Pipe Capacity (Cubic Feet of Gas Per Hour)

Rate of Flow of Gases Through Orifices

Table for Natural Gas at 3.5" w.c. with 1000 BTU/Cu.Ft., .65 Sp.Gr., and .82 orifice coefficient.

Drill Size	Diameter (Inches)	Natural Gas (BTU/Hr)
56	.0465	5,359
54	.0550	7,510
52	.0635	10,000
50	.0700	12,150
46	.0810	16,250
42	.0935	21,680
38	.1015	25,530
34	.1110	30,550
31	.1200	35,690
30	.1285	40,900
26	.1470	53,500
22	.1570	61,100
18	.1695	71,200
16	.1770	77,700
12	.1890	88,600
6	.2040	103,200
2	.2210	121,100
A	.2340	135,700
E (1/4)	.2500	154,900

Table for Propane (LP) Gas at 11.0" w.c. with 2500 BTU/Cu.Ft., 1.53 Sp.Gr., and .80 orifice coefficient.

Drill Size	Diameter (Inches)	LP Gas (BTU/Hr)
70	.0280	5,490
67	.0320	7,150
64	.0360	9,050
61	.0390	10,600
58	.0420	12,300
56	.0465	15,100
54	.0550	21,200
52	.0635	28,200
50	.0700	34,200
48	.0760	40,400
46	.0810	45,800
44	.0860	51,600
42	.0935	61,100
38	.1015	72,000
34	.1110	86,200
30	.1285	115,300
26	.1470	151,000
22	.1570	172,000
18	.1695	200,500

Gas Flow Capacities

How Much Carbon Monoxide Is Permissible?

According to the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) (Ventilation Standard 69-89), a concentration of no more than 9 parts per million (ppm) (0.0009%), of CO is permissible ventilation air when averaged over 8 hours.
In addition, the Occupational Safety and Heath Administration (OSHA) has set an eight-hour work place maximum allowable concentration of CO (when measured on an air free basis) of 400 PPM, for vented gas appliances.

WHAT CAN YOU DO?

To ensure safe & efficient combustion, it is imperative that HVAC-service contractors, energy auditors, plant engineers & utility workers measure CO concentration.

Concentration of CO in Air	Inhalation Time & Toxic Systems Developed
9 ppm (0.0009%)	The maximum allowable concentration for continuous exposure in any 8-hour period, according to federal workplace standards
50 ppm (0.005%)	The maximum 8 hour average for outdoor air as recommended by US EPA. ASHRAE standard 62-89 states the ventilation air shall meet the outdoor air quality (as standard).
200 ppm (0.02%)	Slight headache, tiredness, dizziness, nausea after 2-3 hours.
400 ppm (0.04%)	Frontal headaches within 1-2 hours, life-threatening after 3 hours.
800 ppm (0.08%)	Dizziness, nausea and convulsions within 45 minutes. Unconsciousness within 2 hours. Death within 2-3 hours.
1,600 ppm (0.16%)	Headache, dizziness and nausea within 20 minutes. Death within 1 hour.
3,200 ppm (0.32%)	Headache, dizziness and nausea within 5-10 minutes. Death within 30 minutes.
6,400 ppm (0.64%)	Headache, dizziness and nausea within 1-2 minutes. Death within 10-15 minutes.
12,800 ppm (1.28%)	Death within 1-3 minutes.

10,000 PPM (parts per million) - 1% by volume.

All effects can vary significantly based on age, sex, weight & overall state of health.

All Items Not Stocked in All Branches - Call for Availability

Gas Flow Capacities

Meter Clocking Method

Caution: Make certain there is no gas flow through the meter other than to the appliance being checked. Use table to determine exact rate of gas flow to appliance.

To convert cfh to cubic meter per hour (M^3/hr) multiply by .0283.

Meter Flow Rate - Cubic Feet per Hour (cfh)										
	Meter Dial Used - Cu. Ft. per Rev			Meter Dial Used - Cu. Ft. per Rev				Meter Dial Used - Cu. Ft. per Rev		
Sec for One Rev.	1/2	1	Sec for One Rev.	1/2	1	2	Sec for One Rev.	1	2	5
10	180	360	35	52	103	206	60	60	120	300
11	164	327	36	50	100	200	62	58	116	290
12	150	300	37	49	97	195	64	56	112	281
13	139	277	38	48	95	189	66	55	109	273
14	129	257	39	46	92	185	68	53	106	265
15	120	240	40	45	90	180	70	52	103	257
16	113	225	41	44	88	176	72	50	100	250
17	106	212	42	43	86	172	74	49	97	243
18	100	200	43	42	84	167	76	48	95	237
19	95	189	44	41	82	164	78	46	92	231
20	90	180	45	40	80	160	80	45	90	225
21	86	171	46	39	78	157	84	43	86	214
22	82	164	47	38	77	153	88	41	82	205
23	78	157	48	38	75	150	92	39	78	196
24	75	150	49	37	74	147	96	38	75	188
25	72	144	50	36	72	144	100	36	72	180
26	69	138	51	35	71	141	105	34	69	172
27	67	133	52	35	69	138	110	33	66	164
28	64	129	53	34	68	136	120	30	60	150
29	62	124	54	33	67	133	130	28	55	138
30	60	120	55	33	66	131	140	26	52	129
31	58	116	56	32	64	129	150	24	48	120
32	56	113	57	32	63	126	160	23	45	113
33	55	109	58	31	62	124	170	21	43	106
34	53	106	59	31	61	122	180	20	40	100

To convert meter flow rate (cfh) to BTU per hour, multiply cfh (from table above) by the BTU heat content of the gas being used.

To convert input rating (BTU per hour as stamped on appliance nameplate) to meter flow rate (cfh).

Input rating in BTU per hour.

Wiring Table

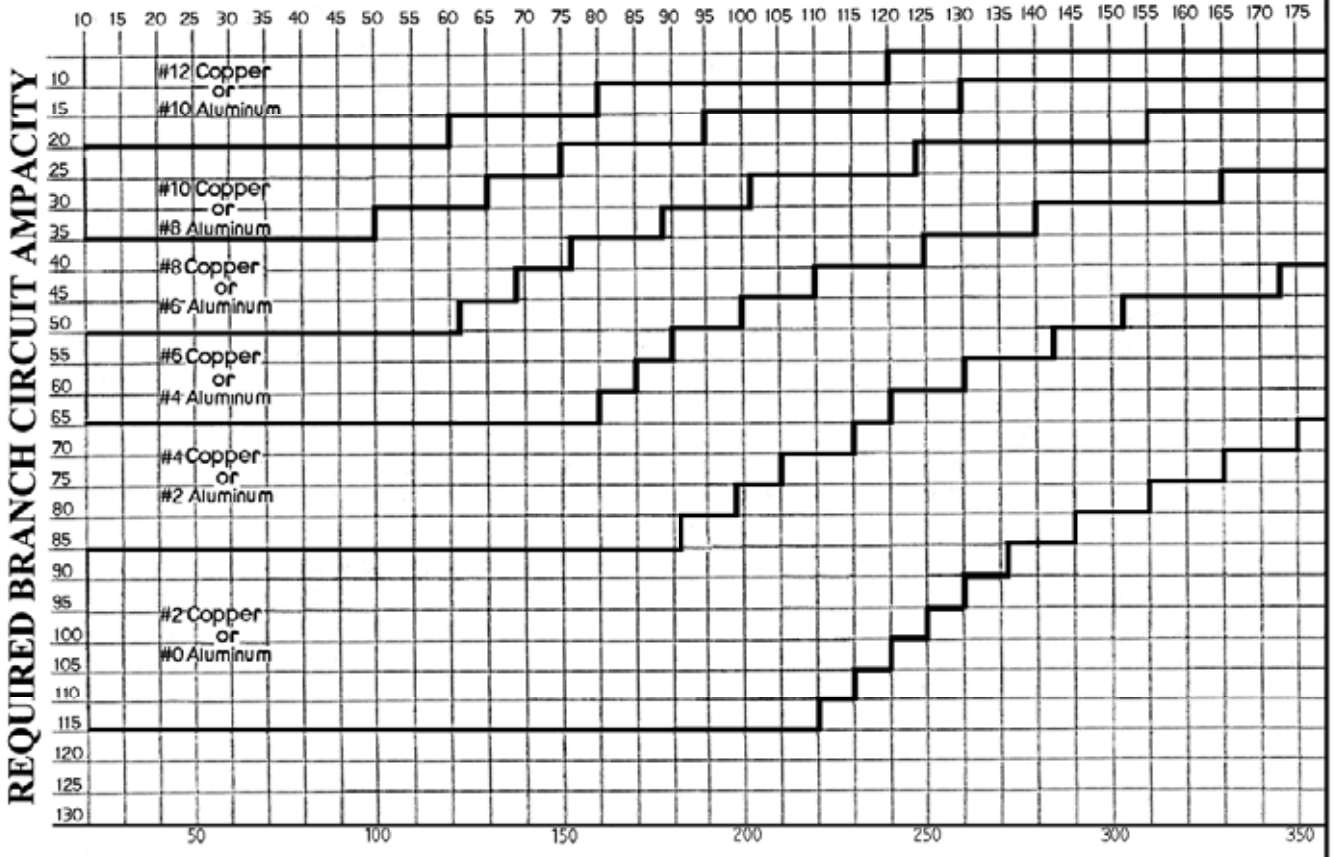
Branch Circuit Wire Sizing Table

(Based on 2% Voltage Drop)
Chart is based on 75°C. wire. (Types FEPW, RH, RHW, THHW, THW, THWN, XHHW, USE, and ZW.)
Use Chart for Wire Sizing Only.
Refer to Electrical Code (or product specs) for fuse sizing.

Suitable for 1 Ph. Or 3 Ph. Circuits

75°C. Insulation; 30°C. Ambient Temp. (80°F.)
Not more than three conductors per raceway

DISTANCE (POWER SUPPLY TO LOAD) IN FEET (208-230V)



Distance (power supply to load in feet (450V).
See National Electrical Code for Temperature corrections and other variables.
All wiring must comply with Local Codes.

Capacitors

All PSC motors are designed to be used with an external capacitor. This capacitor operates in the circuit continuously. It is commonly referred to as a run capacitor. The most common capacitor for fan/blower motors is 5 MFD, 370V. However, other ratings will also be used, depending on the model.

FACT: A capacitor is a device capable of storing and releasing and electric charge.

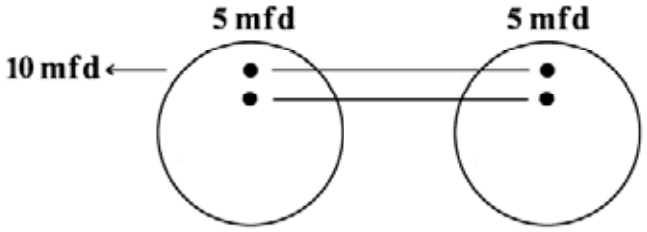
FACT: Always discharge a capacitor before removing it from an installation.

FACT: The capacitor used with a capacitor start motor is called a start capacitor because it is only used while the motor is starting.

FACT: The capacitor rating is printed on the capacitor itself, the motor nameplate, or the system wiring diagram. You must know this rating to properly choose the replacement capacitor.

FACT: Capacitors are rated by both capacity (2 MFD, 5 MFD, etc.) and voltage (370V, 440V, etc). The rated capacitor size should not be changed, since the motor operates at maximum efficiency when using the specified capacitor size. If necessary, the replacement capacitor voltage rating can be high then specified, but not lower without impairing capacitor life.

FACT: Capacitors can be hooked up in parallel to increase capacity. For example, two 5 MFD, 370V capacitors connected in parallel are the equivalent of a 10 MFD, 370V capacitor. See illustration below.



FACT: If the ground lead is present, it will be green or green with a yellow tracer. The wiring diagram for all FASCO motors is shown on the motor nameplate.

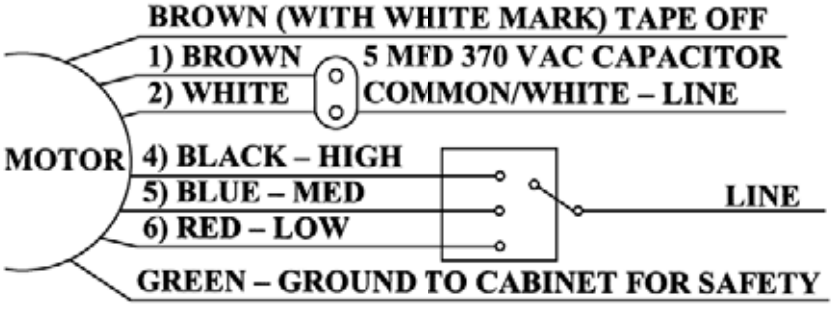
FACT: To reverse rotation of FASCO electrically reversible models, switch the four external connectors (two female receptors and two male plugs). It's impossible to plug the male plugs together, and it's impossible to plug the female receptors into each other. One plug goes into each receptor, and if rotation is wrong, simply reverse the plugs.

FACT: The current FASCO reversing lead system consists of two yellow and two purple leads.

FACT: On multi-speed motors, always connect the common (white) lead to the power first.

FACT: Connecting like-color leads (yellow to yellow, purple to purple) will give clockwise rotation (shaft end). Connecting unlike-color leads will give counterclockwise rotation (shaft end).

FACT: When the original motor does not have two separate capacitor leads and the original wiring pattern is desired, the following diagram can be used for most FASCO motors.



Oil Burner Nozzle Capacities

F-80 Nozzle Capacities

U.S. Gallons Per Hour No. 2 Fuel Oil

Rate GPI @ 100 PSI	Operating Pressures: Pounds Per Square 75	100	125	150	175	200	250	300
.40	--	.40	.45	.49	.53	.56	.63	.69
.45	--	.45	.50	.55	.60	.64	.71	.78
.50	--	.50	.56	.61	.66	.71	.79	.87
.55	--	.55	.61	.67	.73	.78	.87	.95
.60	--	.60	.67	.74	.79	.85	.95	104
.65	--	.65	.73	.80	.86	.92	1.03	1.13
.75	--	.75	.84	.92	.99	1.06	1.19	1.30
.85	--	.85	.95	1.04	1.13	1.20	1.34	1.47
1.00	.87	1.00	1.12	1.23	1.32	1.41	1.58	1.73
1.10	.95	1.10	1.23	1.34	1.45	1.55	1.74	1.91
1.20	1.04	1.20	1.34	1.47	1.59	1.70	1.89	2.08
1.25	1.07	1.25	1.39	1.53	1.65	1.77	1.97	2.16
1.35	1.17	1.35	1.51	1.65	1.79	1.91	2.14	2.34
1.50	1.30	1.50	1.68	1.84	1.98	2.12	2.37	2.60
1.65	1.43	1.65	1.84	2.02	2.18	2.34	2.61	2.86
1.75	1.51	1.75	1.96	2.14	2.32	2.48	2.77	3.03
2.00	1.73	2.00	2.24	2.45	2.65	2.83	3.16	3.46
2.25	1.95	2.25	2.52	2.74	2.98	3.18	3.56	3.90
2.50	2.16	2.50	2.80	3.06	3.30	3.54	3.95	4.34
3.00	2.59	3.00	3.35	3.68	3.97	4.25	4.75	5.20
3.50	3.03	3.50	3.91	4.29	4.63	4.95	5.54	6.06
4.00	3.46	4.00	4.47	4.90	5.30	5.66	6.32	6.94
4.50	3.90	4.50	5.04	5.51	5.95	6.36	7.11	7.80
5.00	4.33	5.00	5.59	6.13	6.61	7.07	7.90	8.66
5.50	4.76	5.50	6.15	6.74	7.27	7.78	8.70	9.54
6.00	5.19	6.00	6.71	7.33	7.94	8.48	9.49	10.40
6.50	5.63	6.50	7.26	7.96	8.60	9.20	10.30	11.25
7.00	6.05	7.00	7.82	8.58	9.25	9.90	11.08	12.12
7.50	6.49	7.50	8.38	9.19	9.91	10.60	11.85	13.00
8.00	6.93	8.00	8.94	9.80	10.58	11.31	12.65	13.85
8.50	7.36	8.50	9.50	10.45	11.27	12.08	13.40	14.70
9.00	7.79	9.00	10.06	11.02	11.91	12.73	14.20	15.80
9.50	8.22	9.50	10.60	11.70	12.60	13.50	15.00	16.45
10.50	9.10	10.50	11.70	12.90	13.90	14.90	16.20	18.20
12.00	10.40	12.00	13.40	14.70	15.90	17.00	19.00	20.80
13.50	11.65	13.50	15.07	16.53	17.90	19.17	21.35	23.40
15.50	13.37	15.50	17.33	18.95	20.56	21.89	24.50	26.85
17.50	15.10	17.50	19.60	21.40	23.20	24.80	27.70	30.40
19.50	16.90	19.50	21.80	23.90	25.80	27.60	30.80	33.80
21.50	18.60	21.50	24.00	26.40	28.40	30.40	34.00	37.30
24.00	20.80	24.00	26.80	29.40	31.80	34.00	38.00	41.60
28.00	24.20	28.00	31.30	34.30	37.00	39.60	44.30	48.50
30.00	26.00	30.00	33.60	36.80	39.70	42.50	47.50	52.00

All Items Not Stocked in All Branches - Call for Availability

RHVAC Formulas & Conversions

1 gallon water = 8.346 lb (@ 68°F)	1 sq. ft. EDR = 240 BTU
$Q_S = m \times c \times \triangle t$	$Q_L = m \times hf$
1 pound = 7,000 grains	1 ton refrigeration = 12,000 BTU/Hr
1 boiler HP = 33,479 BTU/Hr	1 ton refrigeration = 3.515 kW
C° = 5/9 x (F° - 32°)	F° = 9/5 x (C° + 32°)

Pressure	***Electrical***
1 atmosphere = 14.696 psi	1 watt = 3.412 BTU/Hr
1 lb. = 27.72 in. w.c.	1 Btu/hr = 0.2931 watt
1 oz. = 1.73 in. w.c.	1 horsepower = 2545 BTU/Hr
psia = in. Hg/2.036	1 horsepower = 746 watts
in. Hg = psia x 2.036	Voltage = Amperage x Resistance
mm Hg = psia x 51.715	Watts = $(\text{Amperage})^2$ x Resistance
in. Hg vacuum = 29.921 - in. Hg	Watts = Voltage x Amperage
microns = 51,715 x psia	COP = EER x 0.293
1 ft (head) = 0.433 psi	EER = Output (BTU)/Input (Watts)

Nominal Airflow
Cooling = 400 CFM per ton
Heating = 12 CFM per 1000 BTU input
$CFM_{new} = CFM_{old} \times (RPM_{new}/RPM_{old})$
RPM = (120 x Hz) / Number of poles
BTU/Hr (sensible) = CFM x 1.08 x Temperature Rise
BTU/Hr (latent) = 0.68 x Q x △g
Water quantity (gpm) required for heating & cooling = $q/500\triangle t_{water}$

$$\text{Motor Efficiency} = \frac{\text{HP x 746 x 100\%}}{\text{KW Input x 1000}}$$

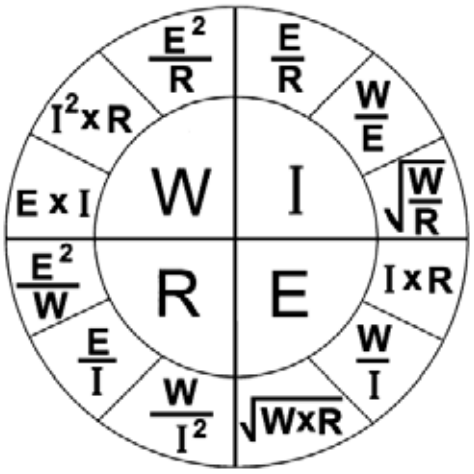
$$\text{Pump Efficiency \%} = \frac{\text{GPM x 8.3 x Foot Head}}{\text{BHP x 33,000}}$$

RHVAC Formulas & Conversions

Ohm's Law for Direct Current - Single Phase Loads

W = Watts
I = Current (Amperes)
E = Electromotive Force (Volts)
R = Resistance (Ohms)

To obtain any value in the center circle, for direct or alternating current, perform the operation indicated in one segment of the adjacent outer circle



Air Coils
Q Sensible = 1.08 x CFM △ T = BTU/Hr
Q Latent = .068 x CFM x △ SH = BTU/Hr
Q Total = 4.5 x CFM x △ H = BTU/Hr

$$\text{Lb/Hr. Condensate} = \frac{4.5 \text{ CFM} \times \triangle \text{ SH grains}}{7{,}000 \text{ grains/Lb}}$$

$$\text{SHR (Sensible Heat Ratio)} = \frac{\text{Q Sensible}}{\text{Q Total}}$$

Formulas - Belt Drives

Driven Pulley Diameter
(Motor Pulley Dia. x RPM) + Driven Pulley RPM
Driven Pulley RPM
(Motor RPM x Motor Pulley Dia.) + Driven Pulley Dia.
Motor Pulley Diameter
(Driven Pulley Dia. x RPM) + Motor RPM
Motor RPM
(Driven Pulley Dia. x RPM) + Motor Pulley Dia.

Gas Pressure Conversions

IN. w.c.	=	Oz
1		.58
1.73		1
3.5		2
10.5		6.1
27.71		16

Watts of Heat
1 Watt = 3.413 BTUs
BTUs = Watts x 3.143

Determining Belt Length

$$L = \frac{D + d}{2} \times Pi + 2x$$

Where:
L = Length of belt
D = Diameter of large pulley
d = Diameter of small pulley
x = Center to center distance
Pi = 3.1416

Approximate Heat Values (BTUs)

Fuel Oil, Gallon

#1	#2	#3
135,800	139,400	141,800

Gas, Cu. Ft

Natural	Propane
1150/950	2550

Gas, Gallon

Propane	Butane
91,500	102,600

All Items Not Stocked in All Branches - Call for Availability

RHVAC Formulas & Conversions

Conversions Between I-P and SI Units

Airflow

cfm = L/s x 2.119
L/s = cfm x .4719

Area

sq ft = m^2 x 10.76
m^2 = sq ft x 0.0929

Weight

lb = kg x 2.205
kg = lb x 0.4536

Length

in. = cm x 0.3937
cm = in. x 2.54

Static Pressure

in. (water @ 60°F) = Pa x 0.004019
Pa = in. (water @ 60°F) x 248.8

Conversion Factors from ASHRAE Handbook of Fundamentals

Suggested Temperatures to Operate Coolers / Refrigerators

Product	Approx Cooler Temp
Cheese, Eggs, Butter	Serving Cooler, 50° to 60° Storage Cooler, 31° to 36°
Poultry & Meats (Fresh)	Cooler, 34° to 38° Cases, 38° to 42°
Poultry & Meats (Frozen)	-5° to +5°
Meats (Fresh) Firm for Cutting	28° to 32°
Vegetables, Fruits	35° to 45°
Cream & Milk	Can Water Cooling, 36° to 38° Cooler Storage, 36° to 40°
Beer Storage	36° to 45°
Fur Storage	Shock Temp, 10° to 15° Max Temperature, 38°
Ice Cream	Hardening, -20° Storing, -5° to -10°

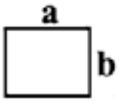
Areas, Volumes & Surface Areas

Areas

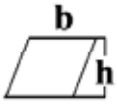
Square = aa



Rectangle = ab



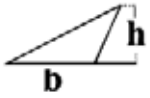
Parallelogram = bh



Circle = *pi* r^2



Triangle = (½) bh

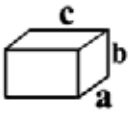


Volumes

Cube = a^3



Rectangular Prism = abc



Cylinder = bh = *pi* r^2 h



Pyramid = (1/3) bh



Cone = (1/3) bh
= 1/3 *pi* r^2 h



Sphere = (4/3) *pi* r^3



Surface Areas

Cube = $6a^2$



Sphere = 4 *pi* r^2



RHVAC Formulas & Conversions

Superheat Charging Table

SUPERHEAT = Suction Line Temperature - Saturated Suction Temperature

Cond Enter DB TEMP	Entering Evaporator Air Temperature Web Bulb (WB)													
	50°F	52°F	54°F	56°F	58°F	60°F	62°F	64°F	66°F	68°F	70°F	72°F	74°F	76°F
55°F	9°	12°	14°	17°	20°	23°	26°	29°	32°	35°	37°	40°	42°	45°
60°F	7°	10°	12°	15°	18°	21°	24°	27°	30°	33°	35°	38°	40°	43°
65°F	--	6°	10°	13°	16°	19°	21°	24°	27°	30°	33°	36°	38°	41°
70°F	--	--	7°	10°	13°	16°	19°	21°	24°	27°	30°	33°	36°	39°
75°F	--	--	--	6°	9°	12°	15°	18°	21°	24°	28°	31°	34°	37°
80°F	--	--	--	--	5°	8°	12°	15°	18°	21°	25°	28°	31°	35°
85°F	--	--	--	--	--	--	8°	11°	15°	19°	22°	26°	30°	33°
90°F	--	--	--	--	--	--	5°	9°	13°	16°	20°	24°	27°	31°
95°F	--	--	--	--	--	--	--	6°	10°	14°	18°	22°	25°	29°
100°F	--	--	--	--	--	--	--	--	8°	12°	15°	20°	23°	27°
105°F	--	--	--	--	--	--	--	--	5°	9°	13°	17°	22°	26°
110°F	--	--	--	--	--	--	--	--	--	6°	11°	15°	20°	25°
115°F	--	--	--	--	--	--	--	--	--	--	9°	14°	18°	23°

All Items Not Stocked in All Branches - Call for Availability

RHVAC Formulas & Conversions

Trouble Shooting - System Characteristics With An Expansion Valve						
Problem	Liq Pressure	Suct Pressure	Super Heat	Sub-Cool	Discharge Sup	Comp Amps
Dirty Condenser Coil	H	H	N	L	N	N
Refrigerant Overcharge	H	H	N	H	N	N
Non-Condensable	H	L	N	L	N	N
Restricted Liquid Line	L	L	H	L	H	L
Restricted Condenser Coil	L	L	H	L	L	L
Refrigerant Undercharge	L	L	H	L	H	L
Oversized Indoor TXV	L	H	L	L	L	N
Undersized Indoor TXV	H	L	H	H	H	L
Restricted Indoor Coil	L	L	H	H	H	L
Broken Compressor Valve	L	H	H	L	L	L
Low Air Flow	L	L	N	H	L	N
Dirty Evaporator Coil	L	L	N	H	L	N
Inefficient Compressor	L	L	H	L	L	H

Trouble Shooting - System Characteristics With A Fixed Restrictor						
Problem	Liq Pressure	Suct Pressure	Super Heat	Sub-Cool	Discharge Sup	Comp Amps
Dirty Condenser Coil	H	H	L	L	H	H
Refrigerant Overcharge	H	H	L	H	L	H
Non-Condensable	H	L	L	L	H	H
Restricted Liquid Line	L	L	H	H	H	L
Restricted Condenser Coil	L	L	H	L	L	L
Refrigerant Undercharge	L	L	H	L	H	L
Oversized Indoor Restrictor	L	H	L	L	L	N
Undersized Indoor Restrictor	H	L	H	H	H	L
Restricted Indoor Coil	L	L	H	H	H	L
Broken Compressor Valve	L	H	H	L	L	L
Low Air Flow	L	L	L	H	L	N
Dirty Evaporator Coil	L	L	L	H	L	N
Inefficient Compressor	L	L	H	L	L	H

L - LOW *N- NORMAL* *H - HIGH*

RHVAC Formulas & Conversions

Residential Duct Sizing Guide - Rectangular & Round Duct

Air Volume CFM	4" Duct Height	6" Duct Height	8" Duct Height	10" Duct Height	12" Duct Height	Equivalent Round Duct	Air Volume CFM
50	6" x 4"					5"	50
75	6" x 4"					6"	75
100	8" x 4"	6" x 6"				6"	100
125	10" x 4"	6" x 6"				7"	125
150	10" x 4"	8" x 6"				7"	150
175	12" x 4"	8" x 6"				8"	175
200	14" x 4"	8" x 6"				8"	200
225	16" x 4"	10" x 6"				8"	225
250	16" x 4"	10" x 6"				9"	250
275		12" x 6"	8" x 8"			9"	275
300		12" x 6"	8" x 8"			9"	300
400		14" x 6"	10" x 8"			10"	400
500		18" x 6"	12" x 8"	10" x 10"		11"	500
600		20" x 6"	14" x 8"	12" x 10"		12"	600
700		24" x 6"	16" x 8"	12" x 10"		12"	700
800		26" x 6"	18" x 8"	14" x 10"	12" x 12"	13"	800
900		30" x 6"	20" x 8"	16" x 10"	12" x 12"	14"	900
1000			22" x 8"	16" x 10"	14" x 12"	14"	1000
1100			24" x 8"	18" x 10"	16" x 12"	15"	1100
1200			26" x 8"	20" x 10"	16" x 12"	15"	1200
1300			28" x 8"	20" x 10"	18" x 12"	16"	1300
1400			30" x 8"	22" x 10"	18" x 12"	16"	1400
1500				24" x 10"	20" x 12"	16"	1500
1600				24" x 10"	20" x 12"	17"	1600
1700				26" x 10"	22" x 12"	17"	1700
1800				28" x 10"	22" x 12"	18"	1800
1900				30" x 10"	22" x 12"	18"	1900
2000					24" x 12"	18"	2000

NOTE: The above duct sizes are based on a fraction drop of .10 inches per 100 feet of lineal duct. The "Equal-Friction" method of duct sizing should be adequate for normal residential furnace heating & air conditioning applications. Larger air volumes or higher static pressures should be dealt with on an individual job basis

All Items Not Stocked in All Branches - Call for Availability

Ventilation

United States Residential Ventilation Requirements

Originator	Continuous Ventilation Requirements (Residential)	Intermittent Ventilation Requirements (Residential)
Residential Ventilation Standards Authored by HVI (Home Ventilating Institute)	0.35 Air changes per hour, but not less than 15 CFM per person	Kitchen Range Hoods: 40 CFM Minimum Per Foot Width (30" Wide - 100 CFM Minimum) Kitchen Wall/Ceiling Fans: 15 Air Changes Per Hour Bathrooms: 8 Air Changes Per Hour
ASHRAE 62-1989 Authored by ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers)	0.35 Air changes per hour, but not less than 15 CFM per person (based on two persons for the first bedroom plus one person for each additional bedroom) Alternately, Natural Infiltration	Kitchen: 100 CFM Minimum; Alternately, 25 CFM Continuous; Alternately, Openable Window(s) Bathrooms: 50 CFM Minimum; Alternately, 20 CFM Continuous, Alternately, Openable Window(s)
Uniform Building Code (UBC) Authored by ICBO (International Conference of Building Officials)	ASHRAE 62-1989 (See Above)	ASHRAE 62-1989 (See Above)
National Building Code (NBC) Authored by BOCA (Building Officials and Code Administrators International)	ASHRAE 62-1989 (See Above)	ASHRAE 62-1989 (See Above)
Standard Building Code (SBC) Authored by SBCCI (Southern Building Code Congress Intl, Inc.)	ASHRAE 62-1989 (See Above)	ASHRAE 62-1989 (See Above)

Ventilation

Ventilation Formulas

Continuous Ventilation

$$\text{cfm L/s} = \frac{\text{Volume of Living Space} \times \text{Air Changes per Hour}}{60}$$

(Basement not included, but may be required by some codes.)

Intermittent Ventilation - Bathroom

(8 Air Changes Per Hour)
cfm = sq ft x 1.067
L/s = m^2 x 5.419

Intermittent Ventilation - Kitchen Exhaust Fan

(15 Air Changes Per Hour)
cfm = sq ft x 2
L/s = m^2 x 10.18

Intermittent Ventilation - Kitchen Range Hood

cfm: 40 cfm minimum per foot of range width
(30" range = 100 cfm min hood)

L/s: 0.619 L/s minimum per cm of range width
(75 cm range = 47 L/s min hood)

All Items Not Stocked in All Branches - Call for Availability

Reference Charts - Ventilation Requirements / Formulas

Suggested Air Changes

Type of Building	Minute Air Change
Assembly Halls	3 - 10
Auditoriums	4 - 15
Bakeries	1 - 3
Banks	3 - 10
Bars	2 - 4
Beauty Parlors	2 - 5
Boiler Rooms	2 - 4
Bowling Alleys	2 - 8
Churches	4 - 15
Corridors	6 - 20
Dry Cleaners	1 - 5
Engine Rooms	1 - 15
Factor (General Ventilation)	5 - 10
Factory (Fumes)	1 - 5
Forge Shops	1 - 2
Foundries	1 - 4
Garages (Repairs)	2 - 10
Generating Rooms	2 - 5
Glass Plants	1 - 2
Gymnasiums	2 - 10
Heat Treat Rooms	.05 - 1
Kitchens	1 - 3

Type of Building	Minute Air Change
Laundries	2 - 5
Locker Rooms	2 - 5
Machine Shops	3 - 5
Mills (Paper)	2 - 3
Mills (Textile)	5 - 15
Offices	2 - 8
Packing Houses	2 - 5
Production Rooms	1 - 2
Projection Rooms	1 - 3
Recreation Rooms	2 - 8
Residences	2 - 5
Restaurants	5 - 10
Retail Stores	3 - 10
Sales Rooms	3 - 10
Shops (General Ventilation)	3 - 10
Stores	5 - 10
Theaters	3 - 8
Toilets	2 - 5
Transformer Rooms	1 - 5
Turbine Room Electrical	2 - 6
Waiting Rooms	10
Warehouses	2 - 10

In selecting the size & capacity of a fan, find the total cubic feet of air space of the building and divide by the number of air changes necessary to give proper ventilation.

$$\text{CFM} = \frac{\text{Building volume in cubic feet}}{\text{Minute air change}}$$

EXAMPLE:
A building 100' long x 60' wide with a 20' ceiling: Multiply 100 x 60 x 20 = 120,000 cubic feet. Assuming a 6 minute air change is required: 120,000 cubic feet of air divided by 6 gives you the 20,000 CFM required to change the air every 6 minutes.

Refrigerant Equations / Diagnostics

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REFRIGERANT STATE EQUATIONS

Superheat = Actual Suction Line Temperature – Refrigerant Saturation Temperature
Subcooling = Refrigerant Saturation Temperature – Actual Liquid Line Temperature

TEMPERATURE CONVERSIONS

°F = 1.8 x (°C) + 32 °C = (°F – 32) / 1.8

ELECTRIC HEAT EQUATIONS

$Q_S = 1.08 \times CFM \times TD$
BTUH = Watts x 3.413
CFM = Q_S / 1.08 x TD
Watts = Amps x Volts

OHM'S LAW

$P = I \times E$
$P = E^2 / R$
$P = I^2 \times R$

$E = I \times R$
$I = E / R$
$R = E / I$

Where:

Q_S = Sensible Heat in BTUH
TD = Temperature Difference
CFM = Cubic Feet per Minute
BTUH = British Thermal Units per Hour
P = Watts
E = Voltage
I = Current
R = Resistance

DIAGNOSTIC TABLE

SYMPTOMS	HP	SP	SH	SC	A	TD
Undercharge	⇩	⇩	⇧	⇩	⇩	⇩
Overcharge	⇧	⇧	⇩	⇧	⇧	⇩
Restriction	⇩	⇩	⇧	⇧	⇩	⇩
Low Indoor Air Flow	⇩	⇩	⇩	⇧	⇩	⇧
Dirty Condenser	⇧	⇧	⇩	⇩	⇧	⇩
High Indoor Ambient	⇧	⇧	⇧	⇩	⇧	⇩
Inefficient Compressor	⇩	⇧	⇩	⇩	⇩	⇩
Air in System	⇧	⇧	⇩	⇩	⇧	⇩

HP = Head Pressure
SH = Superheat
A = Amps
SP = Suction Pressure
SC = Subcool
TD = Temperature Difference

Common H/P Thermostat Function	Terminal	Common A/C Thermostat Function
24VAC from Transformer	R	24VAC from Transformer
24VAC Common	X or C	24VAC Common
Indoor Blower Relay	G	Indoor Blower Relay
Compressor Contactor	Y	Compressor Contactor
N/A	W	1st Stage Heat
2nd Stage Heat	W_2	2nd Stage Heat
4-Way Valve	O	N/A
4-Way Valve	B	N/A
Emergency Heat	E	N/A

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(°F)	PSIG R410-A	PSIG R22	(°F)	PSIG R410-A	PSIG R22	(°F)	PSIG R410-A	PSIG R22
-40	10.8	0.6	25	87.2	48.8	90	273.5	168.4
-39	11.5	1.0	26	89.1	50.0	91	277.6	171.0
-38	12.1	1.4	27	91.0	51.2	92	281.7	173.7
-37	12.8	1.8	28	92.9	52.4	93	285.9	176.4
-36	13.5	2.2	29	94.9	53.7	94	290.1	179.1
-35	14.2	2.6	30	96.8	55.0	95	294.4	181.8
-34	14.9	3.1	31	98.8	56.2	96	298.7	184.6
-33	15.6	3.5	32	100.9	57.5	97	303.0	187.4
-32	16.3	4.0	33	102.9	58.8	98	307.5	190.2
-31	17.1	4.5	34	105.0	60.2	99	311.9	193.0
-30	17.8	4.9	35	107.1	61.5	100	316.4	195.9
-29	18.6	5.4	36	109.2	62.9	101	321.0	198.8
-28	19.4	5.9	37	111.4	64.3	102	325.6	201.8
-27	20.2	6.4	38	113.6	65.7	103	330.2	204.7
-26	21.1	6.9	39	115.8	67.1	104	334.9	207.7
-25	21.9	7.4	40	118.1	68.6	105	339.6	210.8
-24	22.7	8.0	41	120.3	70.0	106	344.4	213.8
-23	23.6	8.5	42	122.7	71.5	107	349.3	216.9
-22	24.5	9.1	43	125.0	73.0	108	354.2	220.0
-21	25.4	9.6	44	127.4	74.5	109	359.1	223.2
-20	26.3	10.2	45	129.8	76.1	110	364.1	226.4
-19	27.2	10.8	46	132.2	77.6	111	369.1	229.6
-18	28.2	11.4	47	134.7	79.2	112	374.2	232.8
-17	29.2	12.0	48	137.2	80.8	113	379.4	236.1
-16	30.1	12.6	49	139.7	82.4	114	384.6	239.4
-15	31.1	13.2	50	142.2	84.1	115	389.9	242.8
-14	32.2	13.9	51	144.8	85.7	116	395.2	246.1
-13	33.2	14.5	52	147.4	87.4	117	400.5	249.5
-12	34.2	15.2	53	150.1	89.1	118	405.9	253.0
-11	35.3	15.9	54	152.8	90.8	119	411.4	256.5
-10	36.4	16.5	55	155.5	92.6	120	416.9	260.0
-9	37.5	17.2	56	158.2	94.4	121	422.5	263.5
-8	38.6	17.9	57	161.0	96.1	122	428.2	267.1
-7	39.8	18.7	58	163.8	98.0	123	433.9	270.7
-6	40.9	19.4	59	166.7	99.8	124	439.6	274.3
-5	42.1	20.1	60	169.6	101.6	125	445.4	278.0
-4	43.3	20.9	61	172.5	103.5	126	451.3	281.7
-3	44.5	21.7	62	175.4	105.4	127	457.3	285.4
-2	45.7	22.4	63	178.4	107.3	128	463.2	289.2
-1	47.0	23.2	64	181.5	109.3	129	469.3	293.0
0	48.3	24.0	65	184.5	111.2	130	475.4	296.9
1	49.6	24.9	66	187.6	113.2	131	481.6	300.8
2	50.9	25.7	67	190.7	115.3	132	487.8	304.7
3	52.2	26.5	68	193.9	117.3	133	494.1	308.7
4	53.6	27.4	69	197.1	119.4	134	500.5	312.6
5	55.0	28.3	70	200.4	121.4	135	506.9	316.7
6	56.3	29.2	71	203.6	123.5	136	513.4	320.7
7	57.8	30.1	72	207.0	125.7	137	520.0	324.8
8	59.2	31.0	73	210.3	127.8	138	526.6	329.0
9	60.7	31.9	74	213.7	130.0	139	533.3	333.2
10	62.2	32.8	75	217.1	132.2	140	540.1	337.4
11	63.7	33.8	76	220.6	134.5	141	547.0	341.6
12	65.2	34.8	77	224.1	136.7	142	553.9	345.9
13	66.8	35.8	78	227.7	139.0	143	560.9	350.3
14	68.3	36.8	79	231.3	141.3	144	567.9	354.6
15	69.9	37.8	80	234.9	143.6	145	575.1	359.0
16	71.5	38.8	81	238.6	146.0	146	582.3	363.5
17	73.2	39.9	82	242.3	148.4	147	589.6	368.0
18	74.9	40.9	83	246.0	150.8	148	596.9	372.5
19	76.6	42.0	84	249.8	153.2	149	604.4	377.1
20	78.3	43.1	85	253.7	155.7	150	611.9	381.7
21	80.0	44.2	86	257.5	158.2			
22	81.8	45.3	87	261.4	160.7			
23	83.6	46.5	88	265.4	163.2			
24	85.4	47.6	89	269.4	165.8			

Humidifier Cross-Reference Chart

Evaporator Pad	General	Honeywell	Lobb	Research Products	Skuttle	Trion	Wards	White Rodgers
990-13	1137, 1042, 1040, SL16, 709 & 990			Aprilaire				
1099-20	1099							
GA1		HE220 & HE225		110, 220, 558, 550				
GA2				224, 112, 440 & 445				
GA35		HE260, HE265, HE360 & HE365		350, 360, 568, 560, 600, 768, 760, 700				
Evaporator Sleeve	**GeneralAire**	**Honeywell**	**Lobb**	**Research Products**	**Skuttle**	**Herrmidifier**	**Wards**	**White-Rodgers**
81-15	81		Wa1 AD1	Aprilaire	90 & 190	490	700	
727-12	747 & 727							
65-5	65				45	465	12, 300, 500	
Evaporator Plates	**GeneralAire**	**Honeywell**		**Research Products**	**Skuttle**	**Trion**	**Wards**	**White-Rodgers**
880	800			Aprilaire				
Air Cleaner Media	**GeneralAire**	**Honeywell**		**Research Products**	**Skuttle**	**Trion**	**Wards**	**White-Rodgers**
12758	AC-1 & AC-3			Aprilaire				
13415	AC-4							
12880				2200 & 2250				
13156 Prestrung				2400				
4501 Prestrung	MAC2000	20 x 25 x 5 MERV 10 Cartridge Media				2000		ACM2000
4511 Prestrung	MAC1400	16 x 25 x 5 MERV 10 Cartridge Media				1400		ACM1400
4521 Prestrung	MAC1200	15 x 25 x3 MERV 8 Cartridge Media				Cub		

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