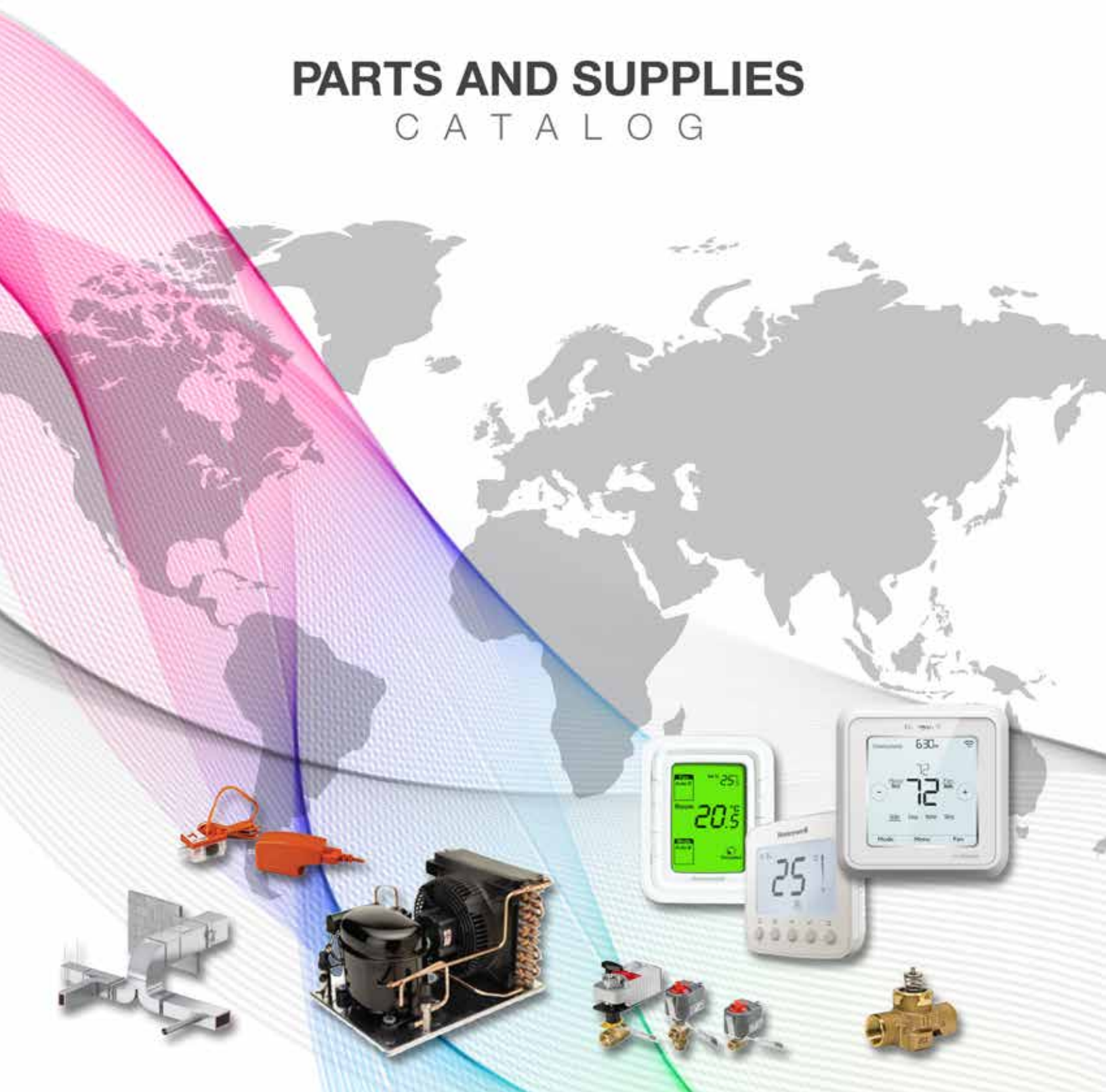


boreal

INTERNATIONAL

PARTS AND SUPPLIES C A T A L O G



boreal

INTERNATIONAL

YOUR ONE STOP SOLUTION

ABOUT BOREAL

Boreal International is a wholly owned export subsidiary of Watsco Inc. the largest HVAC/R distributor of air conditioning, heating and refrigeration equipment and related parts and supplies in the United States. Boreal International provides market coverage to Latin America and the Caribbean and brings a diverse product base of premium quality, high efficiency equipment and supplies for residential as well as commercial applications. Our goal is to deliver customer satisfaction and establish long-term relationships with each of our business partners.

Along with superior products, we offer technical support, fast turnaround and our full commitment to best serve our customers.



AIR MOVEMENT & VENTILATION	4
THERMOSTAT & CONTROLS	13
INDOOR AIR QUALITY	18
COIL CLEANERS, CHEMICALS & OILS	19
MOTORS & COMPRESSORS	20
REFRIGERATION	24
ELECTRICAL	27
HVAC ACCESSORIES & TOOLS	28
PIPE INSULATION	40
COPPER TUBING & FITTING	41
REFRIGERANT	43
WELDING TOOLS & SILVER SOLDER	44
WINE CELLAR COOLING SYSTEMS	45



AIR CURTAINS

CROSS-FLOW HIGH PERFORMANCE

High Performance Air Curtains save energy by minimizing heated and air conditioned air loss through open doorways. Powerful airflow repels insect, dust, odors and prevents the outside air from entering indoors. Air curtains can be mounted above or next to doors using included hardware.

FEATURES:

- Metal Housing with durable powder spray coating
- Unique Arc design and slim body
- Highly efficient with low noise levels
- Simple installation
- Available in 3, 4 and 5 FT
- Color White
- Includes remote control
- CE listed

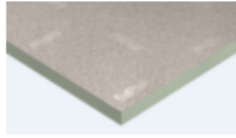
MODEL #	DESCRIPTION	AIR SPEED	AIR FLOW (M3/H)	INSTALLATION HEIGHT (M)	POWER(W) HIGH/ LOW	DIMENSION MM	NET WEIGHT LBS
AC-FM3009L-115	AIR CURT 3FT 1350AF 115V WITH REMOTE 115-1-60	Double Speed Max 11m/s	1350	3-5m	130/120	900*207*175	21
AC-FM3009L-230	AIR CURT 3FT 1350AF 230V WITH REMOTE 230-1-60		1350		130/120	900*207*175	21
AC-FM3012L-115	AIR CURT 4FT 1650AF 115V WITH REMOTE 115-1-60		1650		180/ 165	1200*207*175	26
AC-FM3012L-230	AIR CURT 4FT 1650AF 230V WITH REMOTE 230-1-60		1650		180/165	1200*207*175	26
AC-FM3015L-115	AIR CURT 5FT 2150AF 115V WITH REMOTE 115-1-60		2150		255 /205	1500*207*175	31
AC-FM3015L-230	AIR CURT 5FT 2150AF 230V WITH REMOTE 230-1-60		2150		255/205	1500*207*175	31





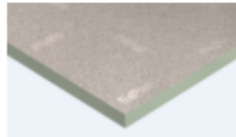
Kingspan PalDuct™ Panels comprise of a fiber-free high performance rigid thermoset Polyisocyanurate (PIR) insulation core, faced on both sides with an embossed Aluminum foil. The Aluminum foil is lacquered with corrosion resistant polymer varnish.

ART P80 Internal Use



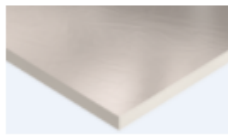
Thickness (mm)	20 / 30
Density (Kg/m3)	50 ± 3
Panel Dimension (mm)	13 ft x 4ft 10 ft x 4ft
Thermal Conductivity (W/mK)	0.020
Aluminum Foil Finished	Embossed / Embossed
Fire and Smoke Classification	Class "0" BS 476 Part 6 & 7 Class "A" ASTM E-84

ART P200 External Use

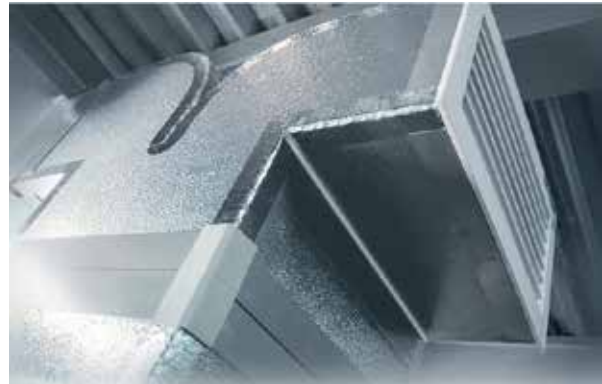


Thickness (mm)	20 / 30
Density (Kg/m3)	50 ± 3
Panel Dimension (mm)	13ft x 4ft 10ft x 4ft
Thermal Conductivity (W/mK)	0.020
Aluminum Foil Finished	Embossed / Embossed
Fire and Smoke Classification	Class "0" BS 476 Part 6 & 7 Class "A" ASTM E-84

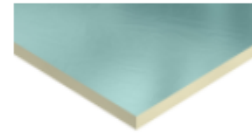
ART PSS80 Smooth Facing PIR Panel



Thickness (mm)	20
Density (Kg/m3)	45 ± 3
Panel Dimension (mm)	13ft x 4ft 10ft x 4ft
Thermal Conductivity (W/mK)	0.020
Aluminum Foil Finished	Smooth / Embossed
Fire and Smoke Classification	Class "0" BS 476 Part 6 & 7 Class "A" ASTM E-84



ART ES80 Smooth Facing PIR Anti-Microbial Eco Panel



Thickness (mm)	20 / 30
Density (Kg/m3)	45 ± 3
Panel Dimension (mm)	13ft x 4ft 10ft x 4ft
Thermal Conductivity (W/mK)	0.020
Aluminum Foil Finished	Smooth / Embossed
Anti-Microbial and Anti-Bacterial Reaction	ASTM G21 ASTM G22 ASTM E2180
Fire and Smoke Classification	Class "0" BS 476 Part 6 & 7 Class "A" ASTM E-84

MANUAL FABRICATION EQUIPMENT

A complete set of professional hand tools and manual fabrication equipment has been specifically developed to enable efficient and economical fabrication of ductwork. Ease of portability provides the option for on-site fabrication.

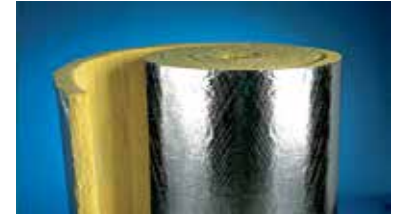




JOHNS MANVILLE

Fiberglass , Ductboard and DuctWrap

MODEL #	DESCRIPTION
JM-DCTBD1X48X120	Ductboard TYPE 475 1X48X120 6 Sheets per carton
JM-DCTBD1X48X96	Ductboard TYPE 475 1X48X96 6 Sheets per carton
JM-DCTLNR-1X48X100	Ductliner 1" X 48IN X 100 ft. Roll
JM-DCTLNR-2X60X50	Ductliner 2IN X 60IN X 50IN
JM-DCTWRP-2X48X50	Ductwrap 2x48x50 90015608 MICRO EQ T150 2"
JM-DCTWRP1.5X48X100	Ductwrap 1.5x48x100 90015277 MICROLITE EQ T75



OWENS CORNING

Fiberglass , Ductboard and DuctWrap

MODEL #	DESCRIPTION
OC-DCTBD1.5X48X120	DUCTBOARD 800FRK 1.5"X 48 X 120" 6SHEETS
OC-DCTBD1X48X117	DUCTBOARD 475FRK 1" X 48X 117" 6 SHEETS
OC-DCTBD1X48X120	DUCTBOARD 475FRK 1" X 48 X 120 6SHEETS
OC-DCTLNR-1X48X100	DUCTLINER 1" X 48 X 100'
OC-DCTWRP1.5" X 48 X 100	DUCT WRAP 1-1/2" X 48 X100' T75
OC-DCTWRP2X48X75	DUCTWRAP 2" X 48 X 75'



ATCO FLEX DUCT R-4

Insulated Flexible Duct Multiple plies of polyester core, R-4 Value (NON-UL)

MODEL #	DESCRIPTION
AT-FLEX4	FACIL FLEX DUCT 4" X 25FT
AT-FLEX6	FACIL FLEX DUCT 6" X 25FT
AT-FLEX8	FACIL FLEX DUCT 8" X 25FT
AT-FLEX10	FACIL FLEX DUCT 10" X 25FT
AT-FLEX12	FACIL FLEX DUCT 12" X 25FT
AT-FLEX14	FACIL FLEX DUCT 14" X 25FT
AT-FLEX16	FACIL FLEX DUCT 16" X 25FT
AT-FLEX18	FACIL FLEX DUCT 18" X 25FT



ATCO FLEX DUCT #36 R-6 UL CERTIFIED

Insulated Flexible Duct with Double ply polyester core, R-6 Value UL Certified

MODEL #	DESCRIPTION
AT-FLEX4-#36	FLEX DUCT 4" X 25FT
AT-FLEX6-#36	FLEX DUCT 6" X 25FT
AT-FLEX8-#36	FLEX DUCT 8" X 25FT
AT-FLEX10-#36	FLEX DUCT 10" X 25FT
AT-FLEX12-#36	FLEX DUCT 12" X 25FT
AT-FLEX14-#36	FLEX DUCT 14" X 25FT
AT-FLEX16-#36	FLEX DUCT 16" X 25FT
AT-FLEX18-#36	FLEX DUCT 18" X 25FT



COMMERCIAL FANS



Spun Aluminum Centrifugal Exhaust Fans

Model LPD	
Mounting	Roof or Sidewall
Airflow	Downblast
Motor	Direct Drive
Size Range	6 & 8
CFM Range	50 to 420
Static Pressure	Up to 1-3/4" w.g.
Warranty	5-Years



Spun Aluminum Centrifugal Fans

Model SDBD	
Mounting	Roof
Airflow	Downblast
Motor	Direct Drive
Size Range	6,7,8,10,12,14,15 & 16
Motor HP Range	1/4 to 1 HP
CFM Range	40 to 4980
Static Pressure	Up to 1-3/4" w.g.
Warranty	5-Years



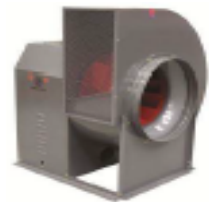
Spun Aluminum Centrifugal Exhaust Fans

Model STXB	
Mounting	Roof or Wall
Airflow	Upblast
Motor	Belt Drive
Size Range	8,10,12,14,15,16,18,20, & 22
Motor HP Range	1/4 to 1-1/2 HP
CFM Range	200 to 3975
Static Pressure	Up to 1-3/4" w.g.
Warranty	5-Years / 2-Years for RHUL



Heavy Duty Utility Vent Sets

Model CM	
Mounting	Roof
Motor	Belt Drive
Size Range	10,12,14,16,18,20,22,24,27,30,36
Motor HP Range	1/4 to 7-1/2 HP
CFM Range	500 to 25,000
Static Pressure	Up to 5.5" w.g.
Warranty	5-Years/2-Years on RHUL & HT



Centrifugal Filtered Supply Fans

Model KSF	
Mounting	Roof
Motor	Direct Drive
Size Range	6 & 8
Motor HP Range	1/4 to 7-1/2 HP
CFM Range	375 to 12,000
Static Pressure	Up to 2" w.g.
Warranty	5-Years



Propeller Wall Fans

Model GED/GSD, DFE/DFS, DDE/DDS	
Mounting	Sidewall
Motor	Direct Drive
Size Range	10,12,14,16,18,20,24,30,36,42,48,54,60
Motor HP Range	1/10 to 10 HP
CFM Range	190 to 55,800
Static Pressure	Up to 1" w.g.
Warranty	5-Years



Spun Aluminum Centrifugal Exhaust Fans

Model SDB	
Mounting	Roof
Airflow	Downblast
Motor	Belt Drive
Size Range	7,8,10,12,14,15,16,18,20, & 22
Motor HP Range	1/4 to 1-1/2 HP
CFM Range	200 to 3975
Static Pressure	Up to 1-3/4" w.g.
Warranty	5-Years / 2-Years for RHUL



Centrifugal Tubular Fan

Model CTB/CTBRHUL	
Mounting	Inline Duct
Motor	Belt Drive
Size Range	9,11,13,15,18,22,24,30,36,42
Motor HP Range	1/2 to 7-1/2 HP
CFM Range	300 to 20,300
Static Pressure	Up to 2-1/2" in w.g.
Warranty	2-Years



COMMERCIAL FANS



MODEL	DESCRIPTION
FT-FR 140	Centrifugal Inline Duct Fan
	- The FR series includes 9 man model sizes with airflow capacities between 150 & 650 cfm - Vibration welded seam (sizes FR 100 thru FR 160) ensures leak proof housing - Adhesive caulk joins & seals the housing for sizes FR 200 thru FR 250 100% Speed-Controllable - Air Stream Temperatures up to 140°F

MODEL	DESCRIPTION
FT-prioAir 8	Inline Duct Fan
	- The prioAir series is seigned for installation in ducts. Extremely efficient, prioAir fans are perfect for a wide assortment of powerful, quiet air-moving applications - Compact size, low noise, very high efficiency & air tight casing - PrioAir AC fan models may be controlled via a solid state speed controller - Thermal overload protection with automatic reset

MODEL	DESCRIPTION
FT-FKD 16	Mixed Flow Fan
	- FKD Direct Drive - Mixed-Flow Impeller 100% Speed-Controllable - Integral Thermal Contacts - Air Stream Temperatures up to 140°F - The casing is manufactured from galvanized sheet metal - To protect the motor from overheating the fan has integral thermal contacts with lead to a motor protection device

MODEL	DESCRIPTION
FT-FRD 20	Square Inline Duct Fan
	- FSD series may be used for supply, exhaust, or ducted air movement where relatively high air flow rates against moderate static pressure is desired - Motorized impeller is both statically and dynamically balanced as one integral unit, for vibration free, quiet performance (1-) Models are equipped with thermal overload protection with automatic reset

MODEL	DESCRIPTION
FT-FRD 20	10 Rect. Inline Duct Fan
	- Hinged door for service access - Airflow up to 2318 cfm 100% Speed controllable - Terminal box with prewired electrical strip - Airstream Temp. of up to 140°F - UL Listed and AMCA Certified 3-Year Warranty

MODEL	DESCRIPTION
FT-FG 10	Centrifugal Inline Duct Fan
	- The FR EC series is designed for installation in ducts - High Level of Efficiency - Integrated Motor Protection - Pre-Wired Speed Control Potentiometer for Air Flow Adjustments and Balancing - BMS Compatible

BROAN FANS CEILING/WALL VENTILATION FANS

MODEL #	DESCRIPTION
BN-AE110	1- Speed 110 CFM 1.0 Sones Energy Star
BN-AE50	1- Speed 110 CFM .5 Sones Energy Star
BN-QTEX050	Quiet 110 CFM Energy Star
BN-688	Ceiling/Wall Mount 50 CFM 4.0 Sones
BN-A80	1- Speed 80 CFM 2.0 Sones (REPLACES 684)
BN-LP80	LowProfile 80 CFM 1.0 Sones



PANASONIC FANS CEILING/WALL VENTILATION FANS

MODEL #	DESCRIPTION
FV-05VQ5	WhisperCeiling Value 50 CFM .3 Sones 4" & 6" Ducts Energy Star
FV-05VS3	WhisperValue 50 CFM .3 Sones 4" Duct Energy Star
FV-08VQ5	WhisperCeiling 80 CFM .3 Sones 4" - 6" Duct Energy Star
FV-08VS3	WhisperValue 80 CFM .3 Sones 4" Duct Energy Star

Panasonic



DAMPERS

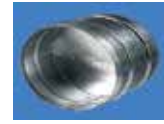
9500 SERIES ROUND DAMPERS

2-wire spring return dampers 24 Volts AC actuators			
Diameter	Part#	Position	
3"	95003	N/C	Power Open
3"	95103	N/O	Power Closed
4"	95004	N/C	Power Open
4"	95304	N/O	Power Closed
5"	95005	N/C	Power Open
5"	95015	N/O	Power Closed
6"	95006	N/C	Power Open
6"	95016	N/O	Power Closed
8"	95008	N/C	Power Open
8"	95018	N/O	Power Closed
10"	95010	N/C	Power Open
10"	95110	N/O	Power Closed
12"	95012	N/C	Power Open
12"	95112	N/O	Power Closed
14"	95014	N/C	Power Open
14"	95114	N/O	Power Closed
16"	95216	N/C	Power Open
16"	95316	N/O	Power Closed
18"	95218	N/C	Power Open
18"	95318	N/O	Power Closed



BACK DRAFT DAMPERS

Model	Dimensions	
	D	L
ABD4	3-7/8"	3-1/16"
ABD5	4-7/8"	3-15/16"
ABD6	5-7/8"	4-1/2"
ABD7	6-1/4"	4-3/4"
ABD8	7-13/16"	5-11/16"
ABD10	9-13/16"	6-1/2"
ABD12	12-3/8"	7-1/2"



BAROMETRIC RELIEF DAMPERS with weighted arm

BD-10	10"
BD-12	12"
BD-14	14"



9500 SERIES ROUND DAMPERS

3-wire Power Open / Power Closed 24 Volts AC Dual LED's indicate damper is open or closed: red is closed/ green is open			
Diameter	Part#	Position	
3"	95803	Power Open / Power Closed	
4"	95804	Power Open / Power Closed	
6"	95806	Power Open / Power Closed	
8"	95808	Power Open / Power Closed	
10"	95810	Power Open / Power Closed	
12"	95812	Power Open / Power Closed	
14"	95814	Power Open / Power Closed	
16"	95816	Power Open / Power Closed	
18"	95818	Power Open / Power Closed	



MANUAL VOLUME DAMPERS

- Featuring "Everlock" self locking damper handle
- Spring loaded adjusting button releases and moves to desired setting
- No tools required

MODEL	DESCRIPTION
6"	MVD
8"	MVD
10"	MVD
12"	MVD
14"	MVD



MOTORIZED DAMPERS

with 110 volt Spring Return Actuators

DIAMETER	PART #	N/O	PART #	N/C
3"	957003	Power Open	957013	Power Closed
4"	957004	Power Open	957014	Power Closed
8"	957008	Power Open	957018	Power Closed
10"	957010	Power Open	957110	Power Closed
12"	957012	Power Open	957112	Power Closed
14"	957714	Power Open	957814	Power Closed
16"	957716	Power Open	957816	Power Closed
18"	957718	Power Open	957818	Power Closed

9700 SERIES RECTANGULAR DAMPERS

Frames are welded galvanized steel 16 or 18 gauges
Sizes from 6" x 8" to 36" W X 30" H in 2" increments
•Single Blade Dampers have fewer potential leak points
•Direct Drive - no linkage- no realignment
•Static Pressure Limits 2.0 WG





Commerical Zone Damper/ Actuator

DM7600A, DM7600B



APPLICATION

The DM7600 Commerical Zone Damper/ Actuator consists of either an ML7161A (DM7600A) or an ML616A (DM7600B) Direct Coupled Actuator (DCA) assembled to a round duct damper section (6" to 16" inches in diameter)

OS NUMBER	ACTUATOR	DAMPER SIZE (IN.)
DM7600A1005	ML7161A2008	6
DM7600A1013		8
DM7600A1021		10
DM7600A1039		12
DM7600A1047		14
DM7600A1054		16
DM7600A1004	ML6161A2009	6
DM7600A1012		8
DM7600A1020		10
DM7600A1038		12
DM7600A1046		14
DM7600A1053		16

FEATURES

- Six damper sizes, 6" to 16" inches, in 2 inch increments.
- One or two accessory switches available, adjustable over 90° stroke.
- Three inputs available: floating, 2-10 Vdc, 4-20 mA.
- Same accessories & features available as for ML6161 or ML7161.
- Neoprene & silicone seal for tight closing & low leakage.
- Oilite bearings for long life.
- 90° Degree damper travel for a variety of applications.

D1 (AIRFOIL CONTROL DAMPERS)

The D1 Control Dampers are ruggedly built with Airfoil blades for application as automatic control or manual balancing dampers in pressure & velocity systems. A wide range of electric or pneumatic actuators are available for these models

SIZE RANGE:

Minimum Size:

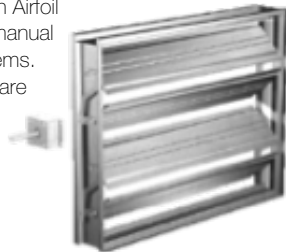
One Blade: 6" (15.2 cm) W x 6" (15.2 cm) H.

Two Blade: 6" (15.2 cm) W x 10" (25.4 cm) H.

Maximum Size:

Single Section: 60" (152.4 cm) W x 74" (188.0 cm) H.

Multiple section size unlimited.



Low-Leakage, Single Blade

D690 ROUND DAMPER



APPLICATION

The D690 Round Damper is used in conventional air handling systems to control airflow in a round duct. The damper is specifically designed to mount to the Honeywell actuators.

OS NUMBER	ACTUATOR	DAMPER SIZE (IN.)
6 (152)	12 (305)	3 (1.4)
8 (203)	12 (305)	4 (1.8)
10 (254)	12 (305)	5 (2.3)
12 (305)	13 (330)	6 (2.7)
14 (356)	15 (381)	8 (3.6)
16 (406)	17 (432)	10 (4.5)

FEATURES

- Neoprene & silicone seal for tight closing & low leakage.
- Oilite bearings for long life.
- 90° Degree damper travel for a variety of applications.
- Designed to mount to a variety of Honeywell actuators for an economical package.

D2 (FORMER D642), D3 (FORMER D640) CONTROL DAMPERS

The D2, D3 Control Dampers are ruggedly built with 3-V style blades for application as automatic control or manual balancing dampers in low to medium pressure & velocity systems. A wide range of electric or pneumatic actuators are available for these models.



SIZE RANGE:

Minimum Size:

One Blade: 6" (15.2 cm) W x 6" (15.2 cm) H.

Two Blade: 6" (15.2 cm) W x 10" (25.4 cm) H.

Maximum Size:

Single Section: 48" (121.9 cm) W x 72" (182.9 cm) H.

Multiple section size unlimited.

Parallel / Opposed Blade Operations

Control dampers are offered with either parallel or opposed blades (silicone or vinyl blade seals are optional).

AIR TERMINAL UNITS

LOW PROFILE SINGLE DUCT AIR TERMINAL

MODEL #	
MI-TL504	40-300 CFM Primary Airflow Range
MI-TL505	65-375 CFM Primary Airflow Range
MI-TL506	95-540 CFM Primary Airflow Range
MI-TL508	170-990 CFM Primary Airflow Range
MI-TL510	290-1640 CFM Primary Airflow Range
MI-TL512	430-2350 CFM Primary Airflow Range
MI-TL514	500-2850 CFM Primary Airflow Range



SINGLE DUCT AIR TERMINALS

MODEL #	
MI-TH504	40-300 CFM Primary Airflow Range
MI-TH505	65-375 CFM Primary Airflow Range
MI-TH506	95-540 CFM Primary Airflow Range
MI-TH508	170-990 CFM Primary Airflow Range
MI-TH510	290-1640 CFM Primary Airflow Range
MI-TH512	430-2350 CFM Primary Airflow Range
MI-TH514	580-3250 CFM Primary Airflow Range
MI-TH516	730-4100 CFM Primary Airflow Range
MI-TH520	1140-6430 CFM Primary Airflow Range
MI-TH524	1300-7270 CFM Primary Airflow Range



BYPASS TERMINAL UNIT

MODEL #	
MI-BP606	0-600 CFM Primary Airflow Range
MI-BP608	0-1000 CFM Primary Airflow Range
MI-BP610	0-1600 CFM Primary Airflow Range
MI-BP612	0-2200 CFM Primary Airflow Range
MI-BP614	0-3000 CFM Primary Airflow Range
MI-BP616	0-4000 CFM Primary Airflow Range



CRITICAL ENVIRONMENT PRODUCTS

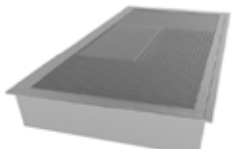
RADIAL FLOW DIFFUSERS



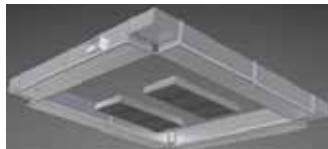
LAMINAR FLOW DIFFUSERS



DIRECTIONAL FLOW DIFFUSERS



PERIFLOW OPERATING ROOM SYSTEM



GALVANIZED STEEL COILS / SHEETS

COILS

36"
48"
60"
72"
5.394" Slit Coil
5.5" Slit Coil
5.625" Slit Coil
10" Max Coil



SHEETS

36 x 96"
36 x 120"
48 x 96"
48 x 120"
60 x 120"



DECIMAL (GAUGES)

0.0127" Min (30 Gauge) - 0.1591" Minz (8 Gauge)

COATING WEIGHTS

G40
G90
G60



PRECISION • QUALITY • VALUE
LIFETIME
AIR DISTRIBUTION
ADVANTAGE

AIR CONDITIONING ACCESSORIES

- Aluminum Z-Bars
- Can Stock
- Boot Rails
- Boot Clips
- Heat Shields / Collar Start
- Drive Cleat
- Flat S-Lock
- Standing S-Lock
- Duct Grille Clip
- Slotted Angle Iron
- Air-Handler Bracket
- Hanging Strap
- Fiberglass Duct Support / Saddle
- Mixing Box Bracket
- Nail Plate
- Sheet Metal Frame
- Register Take-Off
- Refrigerant Line Cover
- U-Channel

FILTER RACKS

- Fixed Filter Racks
- Fixed Filter Racks w / Door
- Fixed Filter Racks w / Door For Eco Temp
- Trane/American Standard Fixed Filter Rack
- Adjustable Filter Rack
- Adjustable Air Handler Wall Bracket

CONDENSING UNIT TIE-DOWN KITS

- Miami Tech Tie-Down Kits
- Rheem/Ruud Tie-Down Kits
- Trane/American Standard Tie-Down Kits
- Carrier/Bryant Tie-Down Kits
- Goodman Tie-Down Kits

AIR HANDLER BASES

- Trane/American Standard Air-Handler Base
- Trane/American Standard Air-Handler Base Sound Baffle Kit
- Trane/American Standard Side Return Kit
- Model HAB
- Model HEB
- Model AHEB
- Model UHB

CONDENSING UNIT STANDS

- Model AST (Non-HVHZ) Aluminum Condensing Unit Stand
- Model AS14 Aluminum Condensing Unit Stand
- Aluminum Products & Condensing Unit Cage
- Aluminum Condensing Unit Wall Mount Bracket (Wind Load Rate)
- Aluminum Condensing Unit Heavy Duty Wall Mount Bracket
- Aluminum Pipe Stand
- Single Leg Pipe Stand
- Condensing Unit Cage

COLLARS & ACCESSORIES

- Tab Collars For Fiberglass Duct (Regular / Nested)
- 261 Collars
- Spin-in Collars for Fiberglass Duct (Standard / Tapered)
- Spin-in Collars for Metal Duct (Standard / Tapered)
- Take-Off Collars
- Ring-Seal Collars
- Sure-Seal Collars (Standard / Tapered)
- Flex Duct Connectors
- Collar Rings
- Damper Assembly Kit
- Collar Optional Accessories

VOLUME DAMPERS

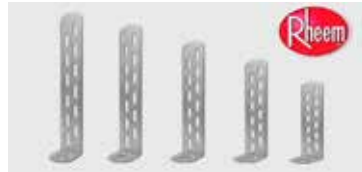
- Sleeve Dampers
- Volume Dampers
- Aluminum Opposed-Blade Volume Damper
- Aluminum Parallel-Blade Volume Damper
- Motorized Opposed-Blade Volume Damper
- Motorized Parallel-Blade Volume Damper
- Rectangular Motorized Zone Damper
- Round Motorized Zone Damper

DRAIN PANS

- Drain Pans
- Drain Pan w/ Rails
- Rheem/Ruud Horizontal Drain Pan
- Auxiliary Drain Pan
- Drain Pan Hanging Kit

FIBERGLASS PRODUCTS

- Fiberglass Reducers
- Fiberglass Triangles
- Fiberglass Plenum Boxes
- Fiberglass Register Boxes
- Fiberglass Return-Air Register Boxes



REGISTER BOOTS

- R-4/R-6 Register Boxes (Flanged / Unflanged)
- R-8 Register Boxes (Flanged/Unflanged)
- R-6 Metal Top Box w / Collar
- R-8 Metal Top Box w / Collar
- Side-Outlet Register Box
- Return Air Box
- Thru-Wall Box
- Mobile Home Return Box
- Fiberglass Slanted Register Box

ADJUSTABLE ELBOWS & METAL PIPES

- Adjustable Elbows
- Snap Lock Pipes
- Rigid Vent Pipes

METAL FITTINGS

- Metal Tees
- End Cap
- Metal Reducer
- Rectangular Transition
- Rectangular To Round Adapter
- Square To Round Adapter
- In-Line Wye / Bull-Nose Wye / Adjustable Wye / Mobile Home Wye
- Take-Off Collar for ICP Package-Units
- Take-Off Collar for Rheem/Ruud Package-Units
- Take-Off Collar for Nordyne Package-Units
- Take-Off Collar for Goodman Package-Units

REGISTER BOOTS

- Plaster Ground Frame
- Straight Register Boot
- Center-End Register Boot
- Elbow Register Boot

WALL STACK PRODUCTS

- Wall Stack Short-Way Elbows (Standard / 45°) and Long-Way Elbows
- Wall Stack Straight and Elbow Transitions
- Wall Stack Centered Transitions
- Wall Stack Pipe
- Wall Stack Cap
- Side Wall Cap / Twin Side Wall Cap
- Wall Stack Side Wall Cap

ROOFING PRODUCTS

- Galvanized Roof Vents
- Aluminum Roof Vents
- Roof Jack (Straight / Angled)
- All Purpose Roof Jack (Straight / Angled)
- Line Jack
- Shanty Cap
- Eave Vent
- Fire Product Line
- Fire Damper Product Line Overview
- Fire Damper Selection Guide
- Fire Damper and Ceiling Damper Ordering Guide

STATIC SYSTEM FIRE DAMPERS

- Model 150E Slimline
- Model 150F Slimline

DYNAMIC SYSTEM FIRE DAMPERS

- Model 151A
- Model 151B
- Model 151C
- Model US-3
- Birdcage Fire Damper Assembly

CEILING DAMPERS

- Model 615
- Model 616
- Model FCB

ACCESS DOORS

- Model FSA 100 and 101
- Model FSA 110 and 111
- Model FSA 115 and 116
- Model FSA 125SM and 126SM
- Model FSASMF

CEILING RADIATION DAMPER BOXES

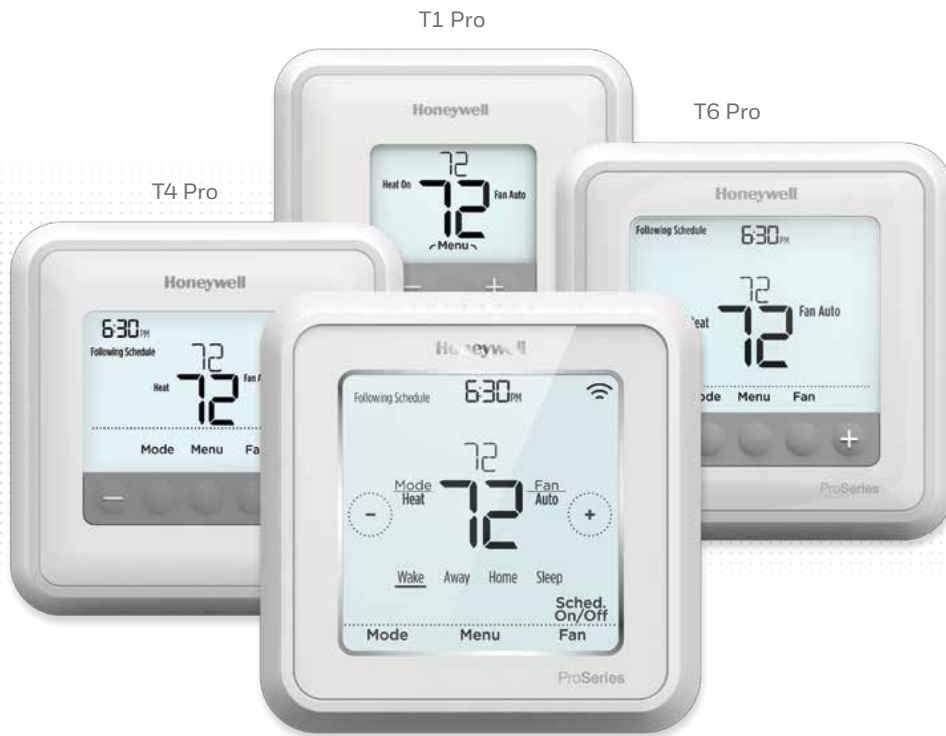
- Model CRPD
- Model CRD
- Model CRDS

FIRE DAMPER OPTIONAL ACCESSORIES

- Fixed Fire Damper Sleeve
- Adjustable Fire Damper Sleeve
- Picture Frame Angle
- Mounting Angles

BRILLIANT^T

Meet the thermostat series
that fits your business to a ^T



Lyric™ T6 Pro Wi-Fi

The Honeywell T Series is a new portfolio of non-connected and Wi-Fi connected thermostats that streamlines everything from selection and installation to connection and support. With a standard footprint and simple interface, the T Series will enhance the entire home comfort experience for you and your customers alike.

Discover all the ways the T Series fits your business to a T at **ForwardThinking.Honeywell.com/TSeries**

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Honeywell T SERIES

MODEL	LYRIC T6 PRO WIFI GEOFENCING
HO-TH6320WF2003	3H/2C HEAT PUMP
	2H/2C CONVENTIONAL
	7- DAY , 5-2 , 5-1-1
	PROGRAMMABLE/ NON- PROGRAMMABLE
	C- WIRE ONLY / 6.89 sq inch
	REPLACES TH6320WF1005



MODEL	LYRIC T6 PRO WIFI GEOFENCING
HO-TH6220WF2006	2H/1C HEAT PUMP
	2H/2C CONVENTIONAL
	7- DAY , 5-2 , 5-1-1
	PROGRAMMABLE/ NON- PROGRAMMABLE
	C- WIRE ONLY / 6.89 sq inch



MODEL	T6 PRO PROGRAMMABLE / NON PROGRAMMABLE
HO-TH6320U2008/U	3 HEAT/2 COOL HEAT PUMP
	2 HEAT/2 COOL CONVENTIONAL
	7- DAY , 5-2 , 5-1-1
	PROGRAMMABLE / NON PROGRAMMABLE
	BATTERY OR C-WIRE
	REPLACES
	TH6320U1000
	TH5320U1001

MODEL	T6 PRO PROGRAMMABLE/ NON PROGRAMMABLE
HO-TH6220U2000/U	2 HEAT/1 COOL HEAT PUMPS
	2 HEAT/2 COOL CONVENTIONAL
	7- DAY , 5-2 , 5-1-1
	PROGRAMMABLE/ NON- PROGRAMMABLE
	BATTERY OR C-WIRE
	REPLACES
	TH6220D1028/U
	TH6220D1002/U
	TH5220D1029/U
	TH5220D1003/U



MODEL	T6 PRO PROGRAMMABLE/ NON PROGRAMMABLE
HO-TH6210U2001/U	2 HEAT/1 COOL HEAT PUMPS
	1 HEAT/1 COOL CONVENTIONAL
	7- DAY , 5-2 , 5-1-1
	PROGRAMMABLE/ NON- PROGRAMMABLE
	BATTERY OR C-WIRE
	REPLACES
	TH6220D1028/U
	TH6220D1002/U
	TH6110D1021/U
	TH6110D1005/U
	TH5220D1029/U
	TH5220D1003/U
	TH4210D1005/U
	TH3210D1004/U



MODEL	T4 PRO PROGRAMMABLE/ NON PROGRAMMABLE
HO-TH4110U2005/U	1 HEAT/1 COOL HEAT PUMPS
	1 HEAT/1 COOL CONVENTIONAL
	7- DAY , 5-2 , 5-1-1
	PROGRAMMABLE/ NON- PROGRAMMABLE
	BATTERY OR C-WIRE
	REPLACES
	TH6110D1021/U
	TH6110D1005/U
	TH5110D1022/U
	TH5110D1006/U
	TH4110D1007/U
	TH3110D1008/U



MODEL	T1 PRO 1H/1C HEAT PUMP , 1H/1C CONVENTIONAL
HO-TH1110D2009	NON-PROGRAMMABLE
	REPLACES
	TH1100DH1004
	TH1100DV1000



MODEL	1H/1C
HO-TH1010D2000	NON-PROGRAMMABLE

Honeywell

MODE	DESCRIPTION
HO-T834L1004	Mercury Free Cool Only
HO-TH1110DH1003/U	Pro 1000 Horizontal Non-Programmable 1H/1C
HO-TH1110DV1009/U	Pro 1000 Vertical Non- Programmable 1H/1C
HO-TH2110DH1002/U	Pro 2000 Horizontal Programmable 5-2 1H/1C
HO-TH2110DV1008/U	Pro 2000 Vertical Programmable 1H/1C
HO-TH5220D1003/U	Pro 5000 Horizontal Non-Programmable 2H/2C
HO-TH5220D1029/U	Pro 5000 Horizontal Non-Programmable 2H/2C
HO-TH6110D1005/U	Pro 6000 Horizontal Programmable 1H/1C H/P
HO-TH6220D1002/U	Pro 6000 5 Horizontal Programmable 5-1-1 2H/2C
HO-TH6220D1028/U	Pro 6000 Programmable 5-1-1, 2-Stage 2 H/2C
HO-TH8110R1008/U	Visionpro 8000 Redlink7- Day Programmable 3H/2C
	Touchscreen For Residential And Light Commercial
	Can Be Wired Directly To Equipment Using Thm5421r1021 Interface Module Or Thm4000r1000
	Truezone Wireless Adapter Works With All Redlink Accessories
HO-TH8320R1003/U	Visionpro 8000 Redlink 7- Day Programmable 3H/2C
	Touchscreen For Residential And Light Commercial
	Can Be Wired Directly To Equipment Using Thm5421r2021 Interface Module Or Thm4000r1000
	Truezone Wireless Adapter Works With All Redlink Accessories
HO-TH8321R1001/U	Visionpro 8000 Redlink 7- Day Programmable 3H/2C
	Touchscreen For Residential And Light Commercial
	Can Be Wired Directly To Equipment Using Thm5421r1021 Interface Module Or Thm4000r1000
	Truezone Wireless Adapter Works With All Redlink Accessories
HO-TH9320WF5003/U	Wifi 9000 Color Touchscreen 2H/2C
	Allows Remote Access To The Thermostat Through A Computer, Tablet, Or Smart Phone With honeywell's Total Connect Comfort Service.
	Application Available For Tablet And Smartphones
	Automatic Software Updates Through Wi-Fi
	Selectable To 7 Day Or Non-Programmable Program Over The Web Or Application



FAN COIL THERMOSTATS

MODE	DESCRIPTION
Thermostat 2 Pipe / 4 pipe	T6861h1wg Halo Vertical 110V/240V Green
	T6861v1wg Halo Horizontal 110V/240V Green
	T6861h1wb Halo Horizontal 110V/240V Blue
	T6861v1wg Halo Vertical 110V/240V Blue
	Tf418wn/U Orchid Square White 110V/240V
	Tf418dn/U Orchid Square White 110V/240V
	Tb6575a1000 Horizontal 110/240V
	Tb6575b1000 Horizontal 110/240V
	Tb8575a1000 Horizontal 24V



CHILLED WATER VALVES

FUNCTION	MODEL NUMBER	SIZE	CV	PORTS	CONNECTION
Water Valve	VCZAA3100	1/2"	3.5	2 way	Sweat
	VCZAM1100	3/4"	5.8	2 way	Sweat
	VCZAS1100	1"	7	2 way	Sweat
	VCZBE1100	1 1/4"	7	2 way	Sweat
	VCZBB1100	1/2"	3.5	2 way	NPT
	VCZAL3100	3/4"	6.3	2 way	NPT
	VCZAR1000	1"	7	2 way	NPT
	VCZBD3100	1 1/4"	7	2 way	NPT
	VCZMA6100	1/2"	4.2	3 way	Sweat
	VCZML6000	3/4"	7.5	3 way	Sweat
	VCZMS6100	1"	9	3 way	Sweat
	VCZNE7100	1 1/4"	9	3 way	Sweat
	VCZNB6100	1/2"	4	3 way	NPT
	VCZMK6100	3/4"	8.6	3 way	NPT
	VCZMR6100	1"	9	3 way	NPT
	VCZND7100	1 1/4"	9	3 way	NPT



VALVE ACTUATOR

VC2114zz11	24v~60Hz	SPDT	--	Plenum
VC2714ZZ11	24v~60Hz	SPDT	Yes	Plenum
VC4011ZZ11	120V~60Hz	SPDT	--	Cable
VC4013ZZ11	200-240V	SPDT	--	Cable
VC8111ZZ11	24v~60Hz	SPDT	--	Cable
VC8114ZZ11	24v~60Hz	SPDT	--	Plenum
VC8711ZZ11	24v~60Hz	SPDT	Yes	Cable
VC8714ZZ11	24v~60Hz	SPDT	Yes	Plenum



VBN THREADED CONTROL BALL VALVES & ACTUATORS



APPLICATION

The VBN2 2-Way Control Ball Valves & VBN3 3-Way Control Ball Valves control hot & chilled water with glycol solutions up to 50% in heating, ventilating, and air conditioning (HVAC) systems to provide two-positions or modulating functions. These control ball valves can be ordered alone or with spring return or non-spring actuators.

FEATURES

- Sizes from 1/2 to 3" with internal (female) NPT connections.
- Field configurable for normally open or normally closed fail-safe position.
- Actuator can be mounted on the valve in any of four orientations.
- Field-serviceable stem assembly.

SPECIFICATIONS

Valve Type:	Control Ball Valve
Body Pattern:	2-way, 3-way
Connection Type:	Female NPT
Controlled Fluid:	Chilled not hot water with up to 50% Glycol. Not for use with steam or fuels.

MVN ACTUATOR



APPLICATION

MVN 3Nm (27 lb-in.) Control Valve Actuator is used with the VBN2 2-way & the VBN3 3-way Control Ball Valves to control hot & chilled water with glycol solutions up to 50% in heating, ventilating, and air conditioning (HVAC) systems to provide two-position or modulating functions.

FEATURES

- Non-spring Return
- Floating & modulating
- Space saving, click-on installation - no tool required
- Extendable position indicator for easy commissioning
- Available with or without cable
- Compatible with control ball valves from 1/2 to 1 1/4 inches.
- Actuator can be mounted on the valve in any of the four positions.

SPECIFICATIONS

Actuator Type:	Valve
Rotational Stroke:	90° ± 3°
Fail Safe Mode:	Non-spring return, Fail in place.
Torque:	27 lb-in. (3 Nm).
Supply Voltage:	24 Vac +20%, -15%, 24 Vdc
Environmental Rating:	NEMA2
Frequency:	50 Hz; 60 Hz
Mounting:	Click-on installation - no tool required



NON-SPRING RETURN DIRECT COUPLED ACTUATOR

APPLICATION

This non-spring return direct-coupled damper actuator provides modulating or floating / 2-position control for: Air dampers, air handlers, ventilation flaps, louvers, and reliable control for air damper applications with up to 10 sq.ft. / 44 lb.-in. (5 Nm) and 20 sq.ft. / 88 lb.-in. (10 Nm) (seal-less damper blades; air friction-dependent).

FEATURES

- Declutch for manual adjustment
- Adjustable mechanical end limits
- Access cover includes enclosed screw terminal strip (22 to 14 AWG) for electrical connections.
- Models available with 3 foot 18 AWG color-coded cable.
- Mountable in any orientation

SPECIFICATIONS

Actuator Type:	Damper; Valve
Fail Safe Mode:	95° ± 3 Degrees
Torque:	44 lb.-in. (5 Nm)
Environmental Rating:	NEMA2
Frequency:	50 Hz; 60 Hz
Manual Operations:	Declutch Mechanism
Mounting:	Direct Coupled



SPRING RETURN DIRECT COUPLED ACTUATOR

APPLICATION

MS4105, MS7505, and MS8105 Spring Return Direct Coupled Actuators (DCA) are used within heating, ventilating, and air conditioning (HVAC) systems. They can drive a variety of quarter-turn, final control elements requiring spring return fail-safe operation.

FEATURES

- Brushless DC submotor with electronic stall protection on all models.
- Self-centering shaft adaptor (Shaft coupling) for wide range of shaft sizes.
- Access cover includes enclosed screw terminal strip (22 to 14 AWG) for electrical connections.
- Models available with 3 foot 18 AWG color-coded cable

SPECIFICATIONS

Actuator Type:	Damper; Valve
Rotational Stroke:	95° ± 3° Degrees
Fail Safe Mode:	Spring Return
Torque:	44 lb.-in. (5 Nm).
Spring Return Torque:	44 lb.-in. (5 Nm).
Environmental Rating:	NEMA2
Frequency:	50 Hz; 60 Hz
Mounting:	Direct Coupled





AIR PURIFIERS

MODEL #	DESCRIPTION
TT-AKPTAC-230	PTAC / ETAC UNIT, 230V TT-AKPTAC-230
TT-AKPTAC-265	PTAC / ETAC UNIT, 265Volt TT-AKPTAC-265
TT-AK245-V2	Air Knight 5 Unit TT-AK245-V2
TT-AK249-V2	Air Knight 9 Unit TT-AK249-V2
TT-AK24IPG-7	Air Knight 7 inch IPG Unit
TT-AK24IPG-14	Air Knight IPG TT-AK24IPG-14
TT-AKPTAC-CELL	REPLACEMENT CELL AND BULB TT-AKPTAC
TT-AKCELL-5	AK PX5 5in REPL CELL CATALYST AND BULB
TT-AKCELL-9	AK PX5 9in REPL CELL CATALYST AND BULB
TT-IPG-CELL7	AK PX5 7in REPL CELL CATALYST AND BULB
TT-IPG-CELL 14	AK PX5 14in REPL CELL CATALYST AND BULB
09969	Replacement Lamp, AK5 Unit
09970	Replacement Lamp, AK9 Unit
09992	Replacement Lamp, AK IPG-7 Unit
09971	Replacement Lamp, AK IPG-14 Unit
09972	AK POWER CORD



UV LIGHTS

MODEL #	DESCRIPTION
TT-UV24-14	UV Light Unit 14" Model w/Lamp Shield 16/PK
TT-UVB14 14"	Replacement UV Lamp 28/PK
TT-UV repl ballast	Replacement Ballast



FLANDERS DISPOSABLE AIR FILTERS & HOG HAIR



COIL CLEANERS

MODEL	DESCRIPTION
DV-PRO-BLUE	PRO BLUE PLUS NON-ACID FOAMING OUTDOOR CONDENSER COIL CLEANER 1 GALLON ALKALINE
DV-PRO-GREEN	PRO GREEN PLUS NON-ACID FOAMING INDOOR CONDENSER COIL CLEANER 1 GALLON
DV-PRO-RED+	PRO RED PLUS NON-ACID FOAMING OUTDOOR CONDENSER COIL CLEANER 1 GALLON
NU-BRITE-1GAL	4291-08 NON-ACID COIL CLEANER (PRO-BLUE)
NU-ALKA-BRITE-1GAL	4120-08 ALKALINE BASED (PRO-RED)
NU-EVAP-PWRC-1GAL	4168-08 EVAP CLEANER (PRO-GREEN)
HB-BLACKMAX -GAL	BLACK MAX H-BM01 COIL CLEANER 1 GALLON
DV-358-20	FOAM-PLUS FOAMING COIL CLEANER 19 OZ.



CHEMICALS

MODEL	DESCRIPTION
DV-ATK-1	ACID TEST KIT FOR REFRIGERATION OIL
DV-ATK-1P	ACID TEST KIT FOR POLYESTER REFRIGERATION OIL
DV-CG-AER	CLEAR COIL GUARD AERO 200Z
DV-CGB-AER	BLUE COIL GUARD AERO 200Z
NU-GAS-LEAK-DETECTOR	4182-24 GAS LEAK DETECTOR
NU-4050-08	EASYSEAL DIRECT INJECT
NU-4151-08	MINISPLIT CLEANER KIT
QWK-QT2000	2 SECOND ACID TEST KIT
DV-01714	FOAM SEALANT 12OZ CAN
NU-4183-24	CAL- BLUE BUBBLE LEAK DETECTOR 1QT SPRAY BOTTLE
NU-4183-08	CAL- BLUE BUBBLE LEAK DETECTOR 1 GALLON
DV-PRO-BUBBLE-32	PRO-BUBBLE LEAK DETECTOR 32OZ
DV-PRO-THAW	LIQUID DRYER PRO-THAW 4 OZ



TRADEPRO OILS BY BVA

MODEL	DESCRIPTION
TP-MINOIL3-GAL	MINERAL REFRIGERATION OIL #3
TP-MINOIL3-QT	MINERAL REFRIGERATION OIL #3 32OZ
TP-MINOIL3-55DRUM	MINERAL OIL #3 55GAL DRUM
TP-MINOIL4-GAL	MINERAL REFRIGERATION OIL #4
TP-MINOIL4-QT	MINERAL REFRIGERATION OIL #4 32OZ
TP-POE32-GAL	ISO 32 POLYESTER 32 VISCOSITY 150 SUS 4/GALLONS
TP-POE32-QT	ISO 32 POLYESTER 32 VISCOSITY 150 SUS 12/QUARTS
TP-POE68-GAL	ISO 68 POLYESTER 68 VISCOSITY 150 SUS 4/GALLONS
TP-POE68-QT	ISO 68 POLYESTER 68 VISCOSITY 150 SUS 12/QUARTS
TT-PAG100-8	Flourescent Polyalkylene Glycol (PAG) 8OZ
TP-PAG100UV-8OZ	Flourescent Polyalkylene Glycol (PAG) 8OZ



FLUSHING KITS

REPLACES R-141b & R-11 FOR FLUSHING

MODEL	DESCRIPTION
QWK-QL1190	QWK ECOFLUSH 1LB
QWK-SYSFLUSH-VLV	QL1105 CAN ACCESS VALVE W/BUILT-IN PRESSURE RELIEF
TPBGHK	CHARGING HOSE & SQUEEZE NOZZLE
DV-PF-KIT	PRO-FLUSH KIT
DV-PF-16	PRO FLUSH FLUSHING SOLVENT





FOR INDUSTRY PROFESSIONALS

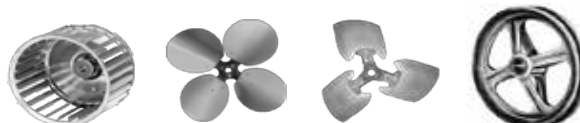
FIXED FRACTIONAL MOTORS

	VOLTS	SPEED	TRADEPRO	HP	AMP	BEARING	CAP ²	MOTOR LENGTH (A) DIM
CONDENSER	208-230	825	TP-C16-1SP2-8	1/6	1	SAB	5µF / 370v	4.607"
	208-230		TP-C25-1SP2-8	1/4	2.0	SAB	5µF / 370v	4.857"
	208-230		TP-C25-1SP2HT-8	1/4	2.1	BALL	5µF / 370v	4.857"
	208-230		TP-C33-1SP2-8	1/3	2.4	SAB	7.5µF / 440v ±	5.607"
	208-230		TP-C33-1SP2HT-8	1/3	2.4	BALL	7.5µF / 440v ±	5.607"
	208-230		TP-C50-1SP2-8	1/2	2.8	SAB	10µF / 370v	6.357"
	208-230	1075	TP-C16-1SP2	1/6	1.2	SAB	10µF / 370v	4.607"
	208-230		TP-C25-1SP2	1/4	1.4	SAB	10µF / 370v	4.857"
	208-230		TP-C25-1SP2HT	1/4	1.5	BALL	5µF / 370v	5.107"
	208-230		TP-C33-1SP2	1/3	1.7	SAB	10µF / 370v	5.357"
	208-230		TP-C33-1SP2HT	1/3	1.8	BALL	7.5µF / 370v	5.607"
	208-230		TP-C50-1SP2	1/2	2.5	SAB	15µF / 370v	6.107"
	208-230		TP-C50-1SP2HT	1/2	3.3	BALL	10µF / 370v	5.857"
	208-230		TP-C75-1SP2	3/4	3.9	SAB	15µF / 370v	6.357"
EVAPORATOR	208-230	1075 / 3 Spd*	TP-E25-3SP2	1/4	1.6	SAB	10µF / 370v	4.902"
	115		TP-E25-3SP1	1/4	3.8	SAB	10µF / 370v	4.902"
	208-230		TP-E33-3SP2	1/3	2.2	SAB	10µF / 370v	5.152"
	115		TP-E33-3SP1	1/3	5.0	SAB	10µF / 370v	5.152"
	208-230		TP-E50-3SP2	1/2	2.7	SAB	10µF / 370v	5.902"
	115		TP-E50-3SP1	1/2	6	SAB	10µF / 370v	5.652"
	208-230		TP-E75-3SP2	3/4	4.0	SAB	15µF / 370v	6.152"
	115		TP-E75-3SP1	3/4	9.5	SAB	15µF / 370v	5.902"



MULTI-HORSEPOWER

								Full Load Amps					
MULTI-HP MOTORS	VOLTS	SPEED	TRADEPRO	HP	BEARING	CAP ²	MOTOR LENGTH (A) DIM	3/4 HP	1/2 HP	1/3 HP	1/4 HP	1/5 HP	1/6 HP
CONDENSER HI-TEMP	208-230	825	TP-C33-MHP2HT-8	1/3 - 1/5	BALL	7.5µF / 440v±	5.607"	—	—	2.4	1.9	1.4	—
	208-230	1075	TP-C33-MHP2HT	1/3 - 1/6	BALL	7.5µF / 370v	4.312"	—	—	2	1.7	1.4	1.2
	208-230	1075	TP-C50-MHP2HT	1/2 - 1/5	BALL	15µF / 370v	6.357"	—	2.6	2.3	2	1.7	—
CONDENSER	208-230	825	TP-C33-MHP2-8	1/3 - 1/5	SAB	7.5µF / 440v±	5.607"	—	—	2.4	1.9	1.4	—
	208-230	1075	TP-C33-MHP2	1/3 - 1/6	SAB	10µF / 370v	4.862"	—	—	1.8	1.7	1.5	1.3
	208-230	1075	TP-C33-MHP2-MAX	1/3 - 1/6	SAB	10µF / 370v	4.812"	—	—	2.5	2.3	1.8	1.3
	208-230	1075	TP-C50-MHP2	1/2 - 1/5	SAB	15µF / 370v	5.562"	—	2.6	2.3	1.9	1.7	—
DIRECT DRIVE BLOWER	115	1075 / 3 Spd*	TP-E50-MHP1	1/2 - 1/6	SAB	10µF / 370v	5.9"	—	7.3	6.9	5.5	3.6	2.8
	208-230		TP-E50-MHP2	1/2 - 1/6	SAB	10µF / 370v	5.9"	—	3.6	3.5	2.8	1.9	1.3
	115		TP-E75-MHP1	3/4 - 1/5	BALL	20µF / 370v	6.607"	8.1	6.6	4.6	3.8	3.1	—
	208-230		TP-E75-MHP2	3/4 - 1/5	BALL	20µF / 370v	6.607"	3.8	3.7	2.5	1.8	1.7	—
CONDENSER	HP	TRADEPRO	WAGNER	EMERSON	AOS	FASCO	GE	MAGNETEK	MARATHON	DAYTON			
1/6	TP-C16-1SP2-8	—	1873	FSE1018S	D798	3203	629	X465	—	—			
1/4	TP-C25-1SP2-8	WG840204	1874	FSE1028S	D934	3204	739	X450	—	—			
1/3	TP-C33-1SP2-8	WG840205	1875	FSE1038S	D936	3205	740	X451	—	—			
1/2	TP-C50-1SP2-8	—	1870	—	D713	3746	—	X452	—	—			
1/3	TP-C33-1SP2HT-8	WG840205HT	1875H	FE1038SF	—	3205HS	—	—	—	AMB19			
1/4	TP-C25-1SP2HT-8	WG840204HT	1874H	FE1028SF	—	3204HS	—	—	—	—			
1/3 - 1/5	TP-C33-MHP2-8	WG840469	5464	FE6001	D2826	3469	—	—	—	—			
1/6	TP-C16-1SP2	WG840727	1859	FSE1016S	D917	3727	184	X411	4M261	—			
1/4	TP-C25-1SP2	WG840728	1860	FSE1026S	D909	3728	176	X412	4M205	—			
1/3	TP-C33-1SP2	WG840729	1861	FSE1036S	D908	3729	175	X413	4M206	—			
1/2	TP-C50-1SP2	WG840730	1862	FSE1056S	D907	3730	187	X414	4M207	—			
3/4	TP-C75-1SP2	WG840731	1868	FSE1076S	D933	3731	779	X095	4M208	—			
1/4	TP-C25-1SP2HT	WG840728HT	1860H	FSE1026SF	—	3732HS	—	—	—	—			
1/3	TP-C33-1SP2HT	WG840729HT	1861H	FSE1036SF	—	3733HS	—	—	—	—			
1/2	TP-C50-1SP2HT	WG840730HT	1862H	FSE1056SF	—	3734HS	—	—	—	—			
1/3 - 1/6	TP-C33-MHP2	WG840465	5462	FE6000	D2827	3465	—	—	—	—			
1/3 - 1/6	TP-C33-MHP2-MAX	—	3323	OFM5458	—	3458	—	—	—	—			
1/2 - 1/5	TP-C50-MHP2	WG840468	5465	FE6002	—	3468	—	—	—	—			
EVAPORATOR	HP	TRADEPRO	WAGNER	EMERSON	AOS	FASCO	GE	MAGNETEK	MARATHON	DAYTON			
1/4	TP-E25-3SP2	WG840584	1971	D1026	D725	3584	530	X001	4M097	—			
1/4	TP-E25-3SP1	WG840583	1863	DL1026	D721	3583	533	X000	4M096	—			
1/3	TP-E33-3SP2	WG840586	1972	D1036	D923	3586	529	X003	4M099	—			
1/3	TP-E33-3SP1	WG840585	1864	DL1036	D727	3585	532	X002	4M098	—			
1/2	TP-E50-3SP2	WG840588	1973	D1056	D703	3588	528	X005	4M101	—			
1/2	TP-E50-3SP1	WG840587	1865	DL1056	D701	3587	531	X004	4M100	—			
3/4	TP-E75-3SP2	WG840590	8905	D1076	D729	3590	679	X010	4M184	—			
3/4	TP-E75-3SP1	WG840589	8904	DL1076	D728	3589	678	X009	4M183	—			
1/2 - 1/6	TP-E50-MHP2	WG840464	5461	FD6000	D833	3464	—	—	—	4ME34			
1/2 - 1/6	TP-E50-MHP1	WG840463	5460	FDL6001	D2835	3463	—	—	—	4ME32			
3/4 - 1/5	TP-E75-MHP2	WG840467	5471	FD6001	D2833	3467	—	—	—	4ME26			
3/4 - 1/5	TP-E75-MHP1	WG840466	5470	FDL6002	D2832	3466	—	—	—	4ME26			



JASON MULTI-PLUS V-BELTS

MODEL	DESCRIPTION	MODEL	DESCRIPTION
JAS-4L350	A33 MULTI-PLUS V-BELT 35" 3/8"	JAS-5L390	B36 MULTI-PLUS V-BELT 39" L
JAS-4L360	A34 MULTI-PLUS V-BELT 36" L	JAS-5L400	B37 MULTI-PLUS V-BELT 40" 1/2"
JAS-4L390	A37 MULTI-PLUS V-BELT 39" L	JAS-5L410	B38 MULTI-PLUS V-BELT 41" L
JAS-4L400	A38 MULTI-PLUS V-BELT 40" 3/8"	JAS-5L420	B39 MULTI-PLUS V-BELT 42" 1/2"
JAS-4L410	A39 MULTI-PLUS V-BELT 41" 3/8"	JAS-5L430	B40 MULTI-PLUS V-BELT 43" L
JAS-4L420	A40 MULTI-PLUS V-BELT 42" 3/8"	JAS-5L450	B42 MULTI-PLUS V-BELT 45" L
JAS-4L430	A41 MULTI-PLUS V-BELT 43" L	JAS-5L460	B43 MULTI-PLUS V-BELT 46" 1/2"
JAS-4L440	A42 MULTI-PLUS V-BELT 44"	JAS-5L470	B44 MULTI-PLUS V-BELT 47" 1/2"
JAS-4L450	A43 MULTI-PLUS V-BELT 45" 3/8"	JAS-5L480	B45 MULTI-PLUS V-BELT 48" 1/2"
JAS-4L460	A44 MULTI-PLUS V-BELT 46" 3/8"	JAS-5L500	B47 MULTI-PLUS V-BELT 50" 1/2"
JAS-4L470	A45 MULTI-PLUS V-BELT 47" 3/8"	JAS-5L510	B48 MULTI-PLUS V-BELT 51" 1/2"
JAS-4L480	A46 MULTI-PLUS V-BELT 48" L	JAS-5L520	B49 MULTI-PLUS V-BELT 52" 1/2"
JAS-4L490	A47 MULTI-PLUS V-BELT 49" 3/8"	JAS-5L530	B50 MULTI-PLUS V-BELT 53" L
JAS-4L500	A48 MULTI-PLUS V-BELT 50"	JAS-5L540	B51 MULTI-PLUS V-BELT 54" L
JAS-4L510	A49 MULTI-PLUS V-BELT 51" L	JAS-5L550	B52 MULTI-PLUS V-BELT 55" 1/2"
JAS-4L520	A50 MULTI-PLUS V-BELT 52" L	JAS-5L560	B53 MULTI-PLUS V-BELT 56" L
JAS-4L530	A51 MULTI-PLUS V-BELT 53" L	JAS-5L570	B54 MULTI-PLUS V-BELT 57" 1/2"
JAS-4L540	A52 MULTI-PLUS V-BELT 54" 3/8"	JAS-5L580	B55 MULTI-PLUS V-BELT 58" L
JAS-4L550	A53 MULTI-PLUS V-BELT 55"	JAS-5L590	B56 MULTI-PLUS V-BELT 59" 1/2"
JAS-4L560	A54 MULTI-PLUS V-BELT 56"	JAS-5L600	B57 MULTI-PLUS V-BELT 60" 1/2"
JAS-4L570	A55 MULTI-PLUS V-BELT 57" 3/8"	JAS-5L610	B58 MULTI-PLUS V-BELT 61" 1/2"
JAS-4L580	A56 MULTI-PLUS V-BELT 58" 3/8"	JAS-5L620	B59 MULTI-PLUS V-BELT 62" 1/2"
JAS-4L590	A57 MULTI-PLUS V-BELT 59" 1/2"	JAS-5L630	B60 MULTI-PLUS V-BELT 63" 1/2"
JAS-4L600	A58 MULTI-PLUS V-BELT 60" 3/8"	JAS-5L640	B61 MULTI-PLUS V-BELT 64" 1/2"
JAS-4L610	A59 MULTI-PLUS V-BELT 61" 3/8"	JAS-5L650	B62 MULTI-PLUS V-BELT 65" 1/2"
JAS-4L620	A60 MULTI-PLUS V-BELT 62" L	JAS-AX20	2 1/2" X 22" LGTH COGGED BELT
JAS-4L630	A61 MULTI-PLUS V-BELT 63" 3/8"	JAS-BX35	2 1/32" X 38" LGTH COGGED BELT
JAS-4L650	A63 MULTI-PLUS V-BELT 65" 3/8"	JAS-BX44	2 1/32" X 47" LGTH COGGED BELT



SCROLL COMPRESSORS R-22

DESCRIPTION	MODEL #
HRM038U1LP6 (3.0 TR) 220/1F/60	120U0931
HRM038U2LP6 (3.0 TR) 220/3F/60	120U1091
HRM047U1LP6 (4.0 TR) 220/1F/60	120U0951
HRM047U2LP6 (4.0 TR) 220/3F/60	120U1131
HRM058U1LP6 (5 TR) 220/1F/60	120U1546
HRM058U2LP6 (5 TR) 220/3F/60	120U1881
HRM075T2LP6 (6TR) 220/3F/60	120U1901
HCM094T2LC6 (7.5TR) 220/3F/60	120U0891



SCROLL COMPRESSORS R-22

DESCRIPTION	MODEL #
SM090-3VM (7.5 TR) 220/3F/60	SM090-3VM
SM090-4VI (7.5 TR) 460/3F/60 400/3F/50	SM090-4VI
SM120-3VI (10 TR) 220/3F/60	SM120-3VI
SM120-4VI (10 TR) 460/3F/60 400/3F/50	SM120-4VI
SM160-3CBI (13 TR) 220/3F/60	SM160-3CBI
SM160-4CBI (13 TR) 460/3F/60 400/3F/50	SM160-4CBI
SM185-3CAM (15 TR) 220/3F/60	SM185-3CAM
SM185-4CAM (15 TR) 460/3F/60 400/3F/50	SM185-4CAM





SCROLL COMPRESSORS R-410

DESCRIPTION	MODEL #
HRH038U1LP6 (3 TR) 220/1F/60	120U1153
HRH038U2LP6 (3 TR) 220/3F/60	120U1268
HRH047U1LP6 (4 TR) 220/1F/60	120U2362
HRH047U2LP6 (4 TR) 220/3F/60	120U2855
HRH056U1LP6 (5 TR) 220/1F/60	120U1306
HRH056U2LP6 (5 TR) 220/3F/60	120U1476
HLJ075T2LP6 (6 TR) 220/3F/60	120U2272
SH090A3ALB (7.5 TR) 220/3F/60	120H0002
SH090A4ALB (7.5 TR) 460/3F/60 400/3F/60	120H0004
SH120A3ALB (10 TR) 220/3F/60	120H0011
SH120A4ALB (10TR) 460/3F/60 400/3F/50	120H0014
SH161A3ALB (13 TR) 220/3F/60	120H0022
SH161A4ALB (13 TR) 440/3F/60 400/3F/50	120H0024
SH180A3AAB (15 TR) 220/3F/60	120H0273
SH180A4ALB (15 TR) 440/3F/60 400/3F/50	120H0275
SH240A3ABB (20 TR) 220/3F/60	120H0297
SH240A4ABB (20 TR) 440/3F/60 400/3F/50	120H0299
SH300A3ABC (25 TR) 220/3F/60	120H0235
SH300A4ABC (25 TR) 440/3F/60 400/3F/50	120H0239



RECIPROCAT COMPRESSORS R-22 MEDIUM TEMP

DESCRIPTION	MODEL #
MT18-1VM (1.5 HP) 220/1F/60	MT18-1VM
MT18-3VM (1.5 HP) 220/3F/60	MT18-3VM
MT22-1VM (2.0 HP) 220/1F/60	MT22-1VM
MT22-3VM (2.0 HP) 220/3F/60	MT22-3VM
MT36-1VM (3.0 HP) 220/1F/60	MT36-1VM
MT 36-3VM (3.0 HP) 220/3F/60	MT36-3VM
MT50-1VM (4.5 HP) 220/1F/60	MT50-1VM
MT50-3VM (4.5 HP) 220/3F/60	MT50-3VM
MT64-1VM (5.5 HP) 220/1F/60	MT64-1VM
MT64-3VM (5.5 HP) 220/3F/60	MT64-3VM



RECIPROCAT COMPRESSORS R404/R507

DESCRIPTION	MODEL #
Medium-Low Temp	
MTZ18-1VM (1.5 HP) 220/1F/60	MTZ18-1VM
MTZ18-3VM (1.5 HP) 220/3F/60	MTZ18-3VM
MTZ22-1VM (2.0 HP) 220/1F/60	MTZ22-1VM
MTZ22-3VM (2.0 HP) 220/3F/60	MTZ22-3VM
MTZ36-1VM (3.0 HP) 220/1F/60	MTZ36-1VM
MTZ36-3VM (3.0 HP) 220/3F/60	MTZ36-3VM
MTZ36-4VM (3.0 HP) 440/3F/60 400/3F/50	MTZ36-4VM
MTZ50-1VM (4.5 HP) 220/1F/60	MTZ50-1VM
MTZ50-3VM (4.5 HP) 220/3F/60	MTZ50-3VM
MTZ64-1VM (5.5 HP) 220/1F/60	MTZ64-1VM
MTZ64-3VM (5.5 HP) 220/3F/60	MTZ64-3VM
MTZ64-4VM (5.5 HP) 440/3F/60 400/3F/50	MTZ64-4VM
MTZ72-3VM (6.0 HP) 220/3F/60	MTZ72-3VM
MTZ72-4VM (6.0 HP) 440/3F/60 400/3F/50	MTZ72-4VM



FRACTIONAL HERMETIC COMPRESSORS

DESCRIPTION	MODEL #
LPB-MPB Light Commercial	
TFS4.5FT (1/6 HP)	102G343211
NF5.5FX (1/5 HP)	105G562311
NF6.1FX2 (1/5 HP)	105G562111
NF9FX (1/4 HP)	105G592011
NF10FX (1/3 HP)	105G594101
NF11FX (1/3+ HP)	105G594511
SC12G (1/2 HP)	104G725011
SC15G (1/2+ HP)	104G755011





SANYO R-22 SCROLLS

MODEL #	DESCRIPTION
SY-SCR38K220601R22	SCROLL R22 C-SBR120H16A 3T 220/60/1
SY-SCR48K220601R22	SCROLL R22 C-SBR145H16A 4T 230/60/1
SY-SCR58K220601R22	SCROLL R22 C-SBR165H16A 5T 230/60/1
SY-SCR58K220603R22	SCROLL R22 C-SB353H6B 5T 230/60/3
SY-C-SC603H6H-R22	SCROLL R22 C-SC603H6H-7.5T 230/60/3
SY-C-SC753H6H-R22	SCROLL R22 C-SC753H6H 10T 230/60/3



SANYO R410A SCROLLS

MODEL #	DESCRIPTION
SY-SCR41K230601R410	SCROLL R410A C-SBP120H16A 3T 230/60/1
SY-SCR48K230601R410	SCROLL R410A C-SBP140H16A 4T 230/60/1
SY-SCR54K230601R410	SCROLL R410A S-SBP160H16A 5T 230/60/1
SY-SCR57K230601R410	SCROLL R410A C-SBP170H16Y 5T 230/60/1
SY-SCR59K230603R410	SCROLL R410A S-SBP170H36A 5T 230/60/3
SY-SCR90K230603R410	SCROLL R410A C-SCP270H36A 7.5T 230/60/3
SY-SCR120K230603R410	SCROLL R410A C-SCP315H36A 10T 230/60/3



R-22 GMCC ROTARIES

MODEL #	DESCRIPTION
GTS-PH170G1C-3DZDU1	GMCC 12K R22 230/60/1
GTS-ROT18K230601R22	GMCC 18K R22 PH240M2C-3FTU1 230/60/1
EN-PH240M2C-3FTU1	GMCC 18K R22 18K 230/60/1
GTS-ROT24K230601R22	GMCC 24K R22 PH330G2C-3MUU1 230/60/1



R-410A GMCC ROTARIES

MODEL #	DESCRIPTION
EN-PA118M1C-3FZU	GMCC R410A 12K 230/60/1
GTS-ROT18K230601R410	GMCC R410A 18K PA170M2D-3ETU 230/60/1
EN-PA170M2C-3ETU	GMCC 18K R410A 230/60/1
GTS-ROT22K230601R410	GMCC R410A 22K PA210M2C-3ETU2 230/60/1
EN-PA210M2C-3ETU2	GMCC 22K R410A 230/60/1

COMPRESSOR TERMINAL REPAIR KIT

MODEL #	DESCRIPTION
QWK-QL2800	3 TERMINAL REPAIR LUGS/SPADES NO WIRE Patented QwikLug® easily attaches to damaged or corroded spade connectors quickly and easily solving the problem of a compressor with pitted or severely corroded spade terminal



HVAC MOTOR CONTROL

MODEL #	DESCRIPTION
QWK-QT6100	QWIKSWAP X3 UNIVERSAL ECM CONSTANT TORQUE MOTOR REPLACEMENT



W SERIES NEXT-GEN PROLINE MEDIUM & LOW TEMPERATURE OUTDOOR CONDENSING UNITS

MODEL #	DESCRIPTION
WFH055E4S	R404/407C 6020 BTU -25 to +30Deg F Extended Medium Temperature
WFH080E4S	R404/407C 7410 BTU -25 to +30Deg F Extended Medium Temperature
WFH090E4S	R404/407C 9080 BTU -25 to +30Deg F Extended Medium Temperature
WFH100E4S	R404/407C 9570 BTU -25 to +30Deg F Extended Medium Temperature
WFH125E4S	R404/407C 11130 BTU -25 to +30Deg F Extended Medium Temperature
WFH150E4S	R404/407C 14720 BTU -25 to +30Deg F Extended Medium Temperature
WFH200E4S	R404/407C 16960 BTU -25 to +30Deg F Extended Medium Temperature

MODEL #	DESCRIPTION
WFO150E4S	R404/507 5230/6670 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO180E4S	R404/507 5950/7560 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO200E4S	R404/507 7240/9230 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO250E4S	R404/507 8050/10250 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO300E4S	R404/507 10940/13980 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO350E4S	R404/507 12150/15520 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO230L4S	R404/507 7710/9980 Scroll -40 to 0 Deg F Low Temperature

MODEL #	DESCRIPTION
WFO150E4S	R404/507 5230/6670 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO180E4S	R404/507 5950/7560 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO200E4S	R404/507 7240/9230 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO250E4S	R404/507 8050/10250 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO300E4S	R404/507 10940/13980 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO350E4S	R404/507 12150/15520 Scroll -25 to 45 Deg F Extended Medium Temperature
WFO230L4S	R404/507 7710/9980 Scroll -40 to 0 Deg F Low Temperature
WFO250L4S	R404/507 9470/11910 Scroll -40 to 0 Deg F Low Temperature
WFO300L4S	R404/507 10500/13130 Scroll -40 to 0 Deg F Low Temperature
WFO350L4S	R404/507 12670/15830 Scroll -40 to 0 Deg F Low Temperature

- Hermetic and Scroll Compressors
- 1/2 through 6 HP



Extended Medium Temperature Standard Features :

- Crankcase Heater
- Liquid Line Filter Drier and Sight Glass
- Pressure Control
- Heated Insulated Receiver
- Flooded Head Pressure Control



Low Temperature Standard Features:

- Crankcase Heater
- Liquid Line Filter Drier and Sight Glass
- Pressure Control
- Heated Insulated Receiver
- Flooded Head Pressure Control
- Suction Accumulator
- Electric Defrost Timer, Contactor



*4S- Multiple Refrigerant



APEX INDOOR ALL-IN-ONE REFRIGERATION SYSTEM

MODEL #	DESCRIPTION
XN026MA44A	R404 2860 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
XN029MA44A	R404 3110 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
XN037MA44A	R404 3950 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
XN050MA44	R404 5840 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
X068MA44D	R404 7200 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
X076MA44	R404 7880 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
X106MA44	R404 11640 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
X134MA44	R404 14650 BTU 95Deg F Ambient MT + 35Deg F Box Indoor Unit
XN018LE44	R404 1850 BTU 95Deg F Ambient LT - 10Deg F Box Indoor Unit
XN024LE44	R404 2290 BTU 95Deg F Ambient LT - 10Deg F Box Indoor Unit
X031LE44	R404 3160 BTU 95Deg F Ambient LT - 10Deg F Box Indoor Unit
X043LE44	R404 4430 BTU 95Deg F Ambient LT - 10Deg F Box Indoor Unit
X051LE44	R404 5460 BTU 95Deg F Ambient LT - 10Deg F Box Indoor Unit
X068LE44	R404 6970 BTU 95Deg F Ambient LT - 10Deg F Box Indoor Unit

- All-in-one refrigeration system –
- no piping or lose components to install
- Capacity ranges from 2,400 to 13,500 BTUH
- Fully charged and tested
- Motors include thermal overload protection
- Supply/return register mounts flush with a standard 4" ceiling panel





WITT NEXT -GEN UNIT COOLERS

Low Profile All-Temp Unit Coolers

AIR DEFROST AND ELECTRIC DEFROST MODELS	
AIR DEFROST MODELS 6 FPI	
MODEL #	DESCRIPTION
WL6A041AE	4100BTU at 25°F 120V Single Speed Mounted TXV
WL6A052AE	5200BTU at 25°F 120V Single Speed Mounted TXV
WL6A066AE	6600BTU at 25°F 120V Single Speed Mounted TXV
WL6A073AE	7300BTU at 25°F 120V Single Speed Mounted TXV
WL6A094AE	9400BTU at 25°F 120V Single Speed Mounted TXV
WL6A117AE	11700BTU at 25°F 120V Single Speed Mounted TXV
WL6A130AE	13000BTU at 25°F 120V Single Speed Mounted TXV
WL6A141AE	14100BTU at 25°F 120V Single Speed Mounted TXV
WL6A161AE	16100BTU at 25°F 120V Single Speed Mounted TXV
WL6A181AE	18100BTU at 25°F 120V Single Speed Mounted TXV
WL6A195AE	19500BTU at 25°F 120V Single Speed Mounted TXV
WL6A235AE	23500BTU at 25°F 120V Single Speed Mounted TXV
WL6A260AE	26000BTU at 25°F 120V Single Speed Mounted TXV
WL6A295AE	29500BTU at 25°F 120V Single Speed Mounted TXV
WL6A330AE	24500BTU at 25°F 120V Single Speed Mounted TXV
WL6A390AE	39000BTU at 25°F 120V Single Speed Mounted TXV

ELECTRIC DEFROST MODELS 6 FPI	
MODEL #	DESCRIPTION
WL6E035	3500BTU at 20°F 230V Single Speed Mounted TXV
WL6E042	4200BTU at 20°F 230V Single Speed Mounted TXV
WL6E049	4900BTU at 20°F 230V Single Speed Mounted TXV
WL6E066	6600BTU at 20°F 230V Single Speed Mounted TXV
WL6E77	7700BTU at 20°F 230V Single Speed Mounted TXV
WL6E090	9000BTU at 20°F 230V Single Speed Mounted TXV
WL6E105	10000BTU at 20°F 230V Single Speed Mounted TXV
WL6E121	12100BTU at 20°F 230V Single Speed Mounted TXV
WL6E142	14200BTU at 20°F 230V Single Speed Mounted TXV
WL6E162	16200BTU at 20°F 230V Single Speed Mounted TXV
WL6E182	18200BTU at 20°F 230V Single Speed Mounted TXV
WL6E200	20000BTU at 20°F 230V Single Speed Mounted TXV
WL6E244	24000BTU at 20°F 230V Single Speed Mounted TXV
WL6E281	28100BTU at 20°F 230V Single Speed Mounted TXV

- Small to Medium Walk-Ins Coolers & Freezer Applications
- Air Defrost 4,100 to 45,900 BTUH
- Electric Defrost 2,700 to 33,000 BTUH



WITT REACH-IN EVAPORATORS

Air Defrost Flex and Wedge Temperature

120V-1Ph-60Hz

REACH-IN EVAPORATORS	
AIR DEFROST FLEX- TEMP MODELS	
MODEL #	DESCRIPTION
FT186	650BTU Air Defrost Flex Temp 120V
FT188	800BTU Air Defrost Flex Temp 120V
FT2812	1200BTU Air Defrost Flex Temp 120V
FT1817	1700BTU Air Defrost Flex Temp 120V
FT1823	2300BTU Air Defrost Flex Temp 120V
FT1831	3100BTU Air Defrost Flex Temp 120V

AIR DEFROST WEDGE TEMP MODELS	
MODEL #	DESCRIPTION
WE1712	1200BTU Wedge Temp 120V
WE1715	1200BTU Wedge Temp 120V
WE1718	1200BTU Wedge Temp 120V
WE1725	1200BTU Wedge Temp 120V
WE1735	1200BTU Wedge Temp 120V
WE1745	1200BTU Wedge Temp 120V
WE1855	1200BTU Wedge Temp 120V



- Oil Separators
- Mechanical, Electro-Mechanical and Electronic Oil Level Regulators
- Suction Line Accumulators
- Mufflers
- Sight Glasses
- Filter Driers
- Vibration Eliminators

- Ball Valves
- Check Valves
- Globe Valves
- Pressure Relief Valves
- Safety Device Assemblies





CONDENSING UNIT R-22 STANDARD	PART #
HCM018E32N (1.5 HP) 220/1F/60	HCM018E32N
HCM022E32N (2.0 HP) 220/1F/60	HCM022E32N
HCM036E32N (3.0 HP) 220/1F/60	HCM036E32N
HCM050E32N (4.5 HP) 220/1F/60	HCM050E32N
HGM064E32N (5.0 HP) 220/1F/60	HGM064E32N
Condensing Unit R-404/R507 Standard	Part #
HCZ018E32N (1.5 HP) 220/1F/60	HCZ018E32N
HCZ018E32Q (1.5 HP) 220/3F/60	HCZ018E32Q
HCZ022E32N (2.0 HP) 220/1F/60	HCZ022E32N
HCZ022E32Q (2.0 HP) 220/3F/60	HCZ022E32Q
HCZ036E32N (3.0 HP) 220/1F/60	HCZ036E32N
HCZ036E32Q (3.0 HP) 220/3F/60	HCZ036E32Q
HCZ050E32N (4.5 HP) 220/1F/60	HCZ050E32N
HCZ050E32Q (4.5 HP) 220/3F/60	HCZ050E32Q
HGZ064E32N (5.0 HP) 220/1F/60	HGZ064E32N
HGZ064E32Q (5.0 HP) 220/3F/60	HGZ064E32Q
HGZ072E32Q (6.0 HP) 220/3F/60	HGZ072E32Q



CONDENSING UNIT HRU R-22/404A SCROLL COMPRESSOR	PART #
HRU015E40N 220/1F/60 (2HP)	HRU015E40N
HRU021E40N 220/1F/60 (3 HP)	HRU021E40N
HRU038E40Q 220/3F/60 (5 HP)	HRU038E40Q

EVAPORATORS LOW PROFILE AIR DEFROST 220/60	PART #
KLP209MA-S2A (9,000 BTU/HR)	KLP209MA-S2A
KLP211MA-S2A (11,000 BTU/HR)	KLP211MA-S2A
KLP214MA-S2A (14,000 BTU/HR)	KLP214MA-S2A
KLP317MA-S2A (17,000 BTU/HR)	KLP317MA-S2A
KLP320MA-S2A (20,000 BTU/HR)	KLP320MA-S2A
KLP423MA-S2A (24,000 BTU/HR)	KLP423MA-S2A
KLP426MA-S2A (26,000 BTU/HR)	KLP426MA-S2A
KLP532MA-S2A (32,000 BTU/HR)	KLP532MA-S2A
KLP639MA-S2A (39,000 BTU/HR)	KLP639MA-S2A

EVAPORATORS LOW PROFILE ELECTRIC DEFROST 220/60	PART #
KLP104LE-S2A (4,000 BTU/HR)	KLP104LE-S2A
KLP105LE-S2A (5,000 BTU/HR)	KLP105LE-S2A
KLP106LE-S2A (6,000 BTU/HR)	KLP106LE-S2A
KLP207LE-S2A (7,000 BTU/HR)	KLP207LE-S2A
KLP209LE-S2A (9,000 BTU/HR)	KLP209LE-S2A
KLP211LE-S2A (11,000 BTU/HR)	KLP211LE-S2A
KLP314LE-S2A (14,000 BTU/HR)	KLP314LE-S2A
KLP317LE-S2A (17,000 BTU/HR)	KLP317LE-S2A



Tecumseh

MODEL NUMBER	VOLT/ HZ/ PH/ HP/ CAPACITY (BTU/H) AT 90°F AMBIENT
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Evaporator Temperature (°F)

R134A HIGH TEMPERATURE RATED @ 45°F

AE3425Y-AA1ASK	115/ 60/ 1/ (1/5 HP) / 45° 2,700 Btu
AE4430Y-AA1ASK	115/ 60/ 1/ (1/4 HP) / 45° 3,100 Btu
AE4440Y-AA1ASK	115/ 60/ 1/ (1/3 HP) / 45° 3,700 Btu
AE4450Y-AA1ADA	115/ 60/ 1/ (1/2 HP) / 40° 3,000 Btu
AE4456Y-AA1CDA	115/ 60/ 1/ (1/2 HP) / 40° 3,300 Btu
AKA4472YAADA	115/ 60/ 1/ (1/2 HP) / 45° 7,200 Btu
AKA4472YNADA	208-230/ 60/ 1/ (1/2 HP) / 45° 7,200 Btu
AJA4480YAADA	115/ 60/ 1/ (3/4 HP) / 45° 7,600 Btu
AJA4480YNADA	208-230/ 60/ 1/ (3/4 HP) / 45° 7,600 Btu

R134A MED. TEMPERATURE RATED @ 20°F

AKA7437YAADA	115/ 60/ 1/ (1/2 HP) / 20° 3,800 Btu
AJA7455YAADA	115/ 60/ 1/ (3/4 HP) / 20° 5,500 Btu
AJA7455YNADA	208-230/ 60/ 1/ (3/4 HP) / 20° 5,500 Btu

R134A LOW TEMPERATURE RATED @ -10°F

AE2410Y-AA1ASK	115/ 60/ 1/ (1/4 HP) / -10° 900 Btu
AE2413Y-AA1BSK	115/ 60/ 1/ (1/3 HP) / -10° 1,300 Btu
AJA2423YAADA	115/ 60/ 1/ (1/2 HP) / -10° 2,300 Btu

R404A/R507 COMM. TEMP. RATED @ 20°F

AE4425Z-AA1ASK	115/ 60/ 1/ (1/5 HP) / 20° 1,700 Btu
AE4430Z-AA1ASK	115/ 60/ 1/ (1/4 HP) / 20° 1,900 Btu
AE4440Z-AA1ASK	115/ 60/ 1/ (1/3 HP) / 20° 2,400 Btu
AE4470Z-AA3CDA	115/ 60/ 1/ (1/2 HP) / 20° 4,600 Btu
AKA9430ZAADA	115/ 60/ 1/ (1/3 HP) / 20° 3,100 Btu
AKA9442ZAADA	115/ 60/ 1/ (1/2 HP) / 20° 4,700 Btu
AKA9457ZAADA	115/ 60/ 1/ (3/4 HP) / 20° 5,700 Btu
AKA9463ZAADA	115/ 60/ 1/ (3/4 HP) / 20° 6,400 Btu

R404A/R507 LOW TEMP. RATED @ -10°F

AE2410Z-AA1ASK	115/ 60/ 1/ (1/4 HP) / -10° 1,000 Btu
AE2415Z-AA1ASK	115/ 60/ 1/ (1/3 HP) / -10° 1,400 Btu
AE2425Z-AA3CDA	115/ 60/ 1/ (1/2 HP) / -10° 2,400 Btu
AKA2430ZAADA	115/ 60/ 1/ (1/2 HP) / -10° 3,000 Btu
AJB2439ZAADA	115/ 60/ 1/ (1 HP) / -10° 3,900 Btu
AJB2447ZNADA	208-230/ 60/ 1/ (1 1/4 HP) / -10° 4,700 Btu
AWA2448ZDXC	208-230/ 60/ 1/ (1 1/4 HP) / -10° 4,800 Btu
AWA2464ZDXC	208-230/ 60/ 1/ (1 1/2 HP) / -10° 6,500 Btu
AWA2479ZDXC	208-230/ 60/ 1/ (2 HP) / -10° 7,900 Btu
AWA2490ZDXC	208-230/ 60/ 1/ (2 HP) / -10° 8,800 Btu
AVA2510ZXNC	208-230/ 60/ 1/ (2 HP) / -10° 10,000 Btu
AVA2512ZXNM	208-230/ 60/ 1/ (3 HP) / -10° 11,900 Btu



DISCONNECTS

MODEL NUMBER	DESCRIPTION	
TP-30AMP	Disconnect, Switch, 30A	10/CA
TP-60AMP	Disconnect, Switch, 60A	10/CA
TP-60AMP-NF	Disconnect, Switch, 60A, Non-Fuse	10/CA



WHIPS- LIQUID-TIGHT FLEXIBLE CONDUIT SYSTEM

MODEL NUMBER	DESCRIPTION	
TP-WHIP-1/2X6NM	Whip, Trade Pro™, NM (1/2x6ft)	6/CA
TP-WHIP-3/4X6NM	Whip, Trade Pro™, NM (3/4x6ft)	6/CA



HARTLAND

	POTENTIAL RELAYS
HPX-063	POTENTIAL RELAY
HPX-064	POTENTIAL RELAY
HPX-065	POTENTIAL RELAY
HPX-066	POTENTIAL RELAY
HPX-067	POTENTIAL RELAY
HPX-068	POTENTIAL RELAY
HPX-069	POTENTIAL RELAY



	MARS USA CAPACITORS
MRS-14029	USA CAP 5X440 OVAL
MRS-14034	USA CAP 15X440 OVAL
MRS-14241	USA CAP 30X440 ROUND
MRS-14243	USA CAP 35X440 ROUND
MRS-14245	USA CAP 40X440 ROUND
MRS-14248	USA CAP 45X440 ROUND
MRS-14251	USA CAP 50X440 ROUND
MRS-14252	USA CAP 55X440 ROUND
MRS-14254	USA CAP 60X440 ROUND



MINI-SPLIT ACCESSORIES

	CONDENSATE PUMPS
ASP-MINI-ORANGE230	Aspen Mini Split Condensate Pump 230V
ASP-MINI-ORANGE115	Aspen Mini Split Condensate Pump 115V • Up to 54,600 BTU/hr. @115v • Up to 49,500 BTU/hr @ 230v • 3.2 GPH @ zero head, • 1.2 GPH @ 33ft head • Maximum Head – 33ft • Suction lift: 5ft
ASP-MINI-BLANC230	Aspen Mini Split Ultra Quick Fit 230V Condensate Pump • Up to 54,000 BTU/hr. • 2.9 GPH @ zero head • 1.2 GPH @ 33ft head
DV-CP-M115	MINI-SPLIT CONDENSATE PUMP 115V
DV-CP-M230	MINI-SPLIT CONDENSATE PUMP 230V • VERY QUIET • FITS INSIDE LINE SET COVER • POWERFUL LIFT 24FT • ETL LISTED

	SPEEDCLEAN
SPE-MSB-KIT	MINI SPLIT BIB KIT Product Includes: 1. Bracket (Part# MSB-03) 2. Plastic "Bib" (Part# MSB-01) 3. Adjustable Cord (Part# MSB-06) 4. Support Rib (Part# MSB-02) 5. Deflector Plates A. Short Deflector Plate (Part # MSB-05-01) B. Long Deflector Plate (Part # MSB-05-02) 6. Adhesive Wrap (Part# MSB-07-01) 7. 5 Gal. Bucket (Part# BV-5-BUCKET-70M)

	MIGHTY BRACKET
REC-MSPLIT-SUPP-TOOL	MINI SPLIT SUPPORT INSTALLATION KIT Allows single person installation • Simple clip on support • Does not damage walls • Use on all brands of mini-splits

	UNIVERSAL CONTROL BOARD/REMOTES
SE-GAA668	UNIVERSAL MINI SPLIT REMOTE CONTROL
SE-GTU02C	UNIVERSAL MINI SPLIT CONTROL BOARD

	MINI SPLIT BRACKET
APP-GBC-600	MOUNTING BRACKET 520 LB.
APP-GBC600-L	MOUNTING BRACKET 330 LB.

	MINI SPLIT CARE KIT
NU-4151-08	• Complete Care Mini-Split Kit contains one 18 ounce can of Evap-Fresh™ • No Rinse Evaporator Coil Cleaner & Disinfectant (#4166-75) - and one PurCool® Green Mini Strip (#61044) 6/Cartron





ASP-MAXFLOW230	Aspen Max Hi-Flow 1.7L Low Profile
	Max. flow 550L/h @ 0 head
	Max. rec. head 5m
	Tank capacity 1.7L
	Sound level@1m 44 dB(A)
	Ducted units/Floor Ceiling /Cassettes
ASP-MINI-ORANGE230	Aspen Mini Split Condensate Pump 230V
ASP-MINI-ORANGE115	Aspen Mini Split Condensate Pump 115V
	Up to 54,600 BTU/hr.@115v
	Up to 49,500 BTU/hr @ 230v
	3.2 GPH @ zero head, 1.2 GPH @ 33ft head
ASP-MINI-BLANC230	Aspen Mini Split Ultra Quick Fit 230V
	Up to 54,000 BTU/hr.
	2.9 GPH @ zero head 1.2 GPH @ 33ft head

Little GIANT

CONDENSATE PUMPS	
LG-VCMA-20ULST-115	115V 60HZ
LG-VCMA-20ULST-230	230V 50/60HZ
DV-CP-M115	MINI-SPLIT CONDENSATE PUMP 115V
DV-CP-M230	MINI-SPLIT CONDENSATE PUMP 230V

ROBINAIR RECOVERY UNITS	
RA-RG3	Robinair Refrigerant Recovery 115V 60Hz 18LBS
	All CFC, HFC, HCFC Refrigerants including R-410A
RA-KT5001	REFRIG SENSING KIT

RECOVERY CYLINDERS	
WO-RT30	#30LBS Refrigerant Recovery CAYLINDER 400 PSI
WO-RT50	#50LBS Refrigerant Recovery Cylinder 400PSI

CHARGING HOSES 750 PSI WORKING PRESSURE/ 3000 PSI BURST	
HS3	3' (3PK) Standard Hoses WITH 1/4" SAE FITTINGS
HS5	5' (3PK) Standard Hoses WITH 1/4" SAE FITTINGS

PREMIUM CHARGING HOSES	
HP5	800 PSI WORKING PRESSURE/ 4000 PSI BURST 5' (3PK) Premium Charging Hoses

REFRIGERANT LEAK DETECTOR	
TPX-SCALE	200 LBS Charging Scale

TRADEPRO VACUUM PUMP BY UNIWELD	
TP-5VP2	5.5 CFM Vacuum Pump 20 lbs. 1/2 HP 110/220V 50/60Hz

CPS-VPC4SU	Compact 4 CFM 115V 60HZ
CPS-VP6D	Premium 6 CFM Two-Stage 115 / 230V
CPS-VP8D	Premium 8 CFM Two-Stage 115 / 230V
CPS-VP10D	Premium 106 CFM Two-Stage 115 / 230V
CPS-VP12D	Premium 12 CFM Two-Stage 115 / 230V

AIR PRO VACUUM PUMPS	
APP-VP5-115V	VACUUMP PUMP 5 CFM 115V
APP-VP5-230V	VACUUMP PUMP 5 CFM 230V

CPS-VG200	DIGITAL VACUUM GAUGE VACUUM GAUGE
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UN-QS4L5H	BRASS MANIFOLD R410 R22 R404 WITH 5' HOSES
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PART #	DESCRIPTION
TP-100	PORTABLE OXYACETYLENE BRAZING KIT
TP-100C	PORTABLE OXYACETYLENE BRAZING AND CUTTING KIT
TP-100CT	PORTABLE OXYACETYLENE BRAZING AND CUTTING KIT WITH TANKS
TP-NR400	HIGH PRESSURE NITROGEN REGULATORS 0-400 PSI
TP-NR800	HIGH PRESSURE NITROGEN REGULATORS 0-800 PSI
TP-92828	VALVE CORE REMOVAL TOOL WITH SIDE PORT FITTING
TP-5VP2	VACUUM PUMP
TP-5HB	5 FT. STANDARD HOSE, BLUE
TP-5HR	5 FT. STANDARD HOSE, RED
TP-5HY	5 FT. STANDARD HOSE, YELLOW
TP-5BVHB	5 FT. BALL VALVE HOSE, BLUE
TP-VHR	5 FT. BALL VALVE HOSE, RED
TP-5BVHY	5 FT. BALL VALVE HOSE, YELLOW
TP-EZ5B	5 FT. EZ TURN ANTI-BLOWBACK HOSE, BLUE
TP-EZ5R	5 FT. EZ TURN ANTI-BLOWBACK HOSE, RED
TP-EZ5Y	5 FT. EZ TURN ANTI-BLOWBACK HOSE, YELLOW
TP-2VM5H	2VALVE BRASS MAINFOLD R410A/R22/R40A • PSI °F, 5FT. SOFT M
TP-2VM5HEZ	2VALVE BRASS MAINFOLD R410A/R22/R40A • PSI °F, 5FT. EZ TURN
TP-HSGL	3-1/8" NPF® GAUGE EXTRA LARGE, HIGH SIDE PSI °F
TP-LSGL	3-1/8" NPF® GAUGE EXTRA LARGE, LOW SIDE PSI °F
TP-HSG	2.5" LPF™ GAUGE, HIGH SIDE PSI °F
TP-LSG	2.5" LPF™ GAUGE, LOW SIDE PSI °F
TP-C701	PREMIUM MINI TUBING CUTTER, 1/8" to 1" O.D.
TP-C702	PREMIUM MINI TUBING CUTTER, 1/8" to 1-1/8" O.D.
TP-C703	PREMIUM MINI TUBING CUTTER, 1/8" to 1-3/8" O.D.
TP-C704	PREMIUM MINI CUTTER, 1/8" to 1-3/4" O.D.
TP-C705	TUBING CUTTER, 1/4" to 2-3/4" O.D.
TP-70078	PVC RATCHET PIPE CUTTER
TP-70074	HEAVY DUTY OFFSET RATCHET WRENCH, DUAL HEX VALVE ADAPTOR INCLUDED
TP-DHVA	DUAL HEX VALVE ADAPTOR
TP-70022	REVERSIBLE RATCHET WRENCH, DUAL HEX VALVE ADAPTOR INCLUDED
TP-70075	HEAVY DUTY OFFSET RATCHET WRENCH, DUAL HEX WRENCH ADAPTOR
TP-DHW316	DUAL HEX WRENCH ADAPTOR
TP-5	HARD START KIT 1/3 HP- 2HP
TP-6	HARD START KIT 1/3 HP- 3HP
TP-SS1	SAFE-T-SWITCH SS1 3/4" SHUT OFF SWITCH
TP-SS2	SAFE-T-SWITCH SS2 AUX PAN CONDENSATE SHUT OFF SWITCH
TP-SS3	SAFE-T-SWITCH SS3 CLIPON CONDENSATE SHUTOFF SWITCH
TPX-SCALE	200 LB CHARGING SCALE
TPLD	REFRIGERANT LEAK DETECTOR





PART #	DESCRIPTION	PART #	DESCRIPTION
DV-01714	Foam Sealant, 12oz Can	DV-ISO-4	Anti-Vibration Pad,4x4Iso-Cube
DV-16491	Sealant, Firestop®,10.3 fl oz.	DV-MP-12	AV Pad, Rubber, (12x12x7/8)
DV-5002	Crimp Tool, Devco, 22-10AWG	DV-MP-12C	AV Pad,Rubber/Cork,(12x12x7/8)
DV-540-256	Staple, 3/8", Pk. Of 1000	DV-MP-12E	AV Pad, E.V.A., (12x12x7/8)
DV-540-356	Staple, P35S, 3/8" Pk of 5000	DV-MP-18	AV Pad, Rubber, (18x18x3/8)
DV-540-506	Staple,T50 Stpl Gun, 3/8"	DV-MP-18C	AV Pad,Rubber/Cork,(18x18x7/8)
DV-540-508	Staple, T50 Stpl Gun, 1/2"	DV-MP-18E	AV Pad, E.V.A., (18x18x7/8)
DV-540-509	Staple, 9/16" Leg Staples	DV-MP-2	Anti-Vibration Pad,2x2, Rubber
DV-540-P35S	Staple Gun, Plier, 2-1/2"	DV-MP-2C	Anti-Vibration Pad,2x2Cork/Rub
DV-540-T50M	Staple Gun, H.D. Tacker,T50M	DV-MP-2E	AV Pad, E.V.A., (2x2x7/8)
DV-540-T50MOC	Staple Gun, Outward Clinch	DV-MP-3	AV Pad, Rubber, (3x3x3/8)
DV-580500	Ignitor, Spark-Key Torch	DV-MP-3C	Anti-Vibration Pad,3x3Cork/Rub
DV-585-F336	Key, Guard, Thermostat	DV-MP-3E	AV Pad, E.V.A., (3x3x7/8)
DV-585-TG	T-stat Grd, Plas.,8-1/4x4-1/2	DV-MP-4	AV Pad, Rubber, (4x4x3/8)
DV-585-TG1	T-stat Grd, Plas.,5-3/4x3-1/2	DV-MP-4C	Anti-Vibration Pad,4x4Cork/Rub
DV-585-TG2	T-stat Grd, Plas.,4-3/4x4-1/4	DV-MP-4E	AV Pad, E.V.A., (4x4x7/8)
DV-585-TG3	Guard, Therm., Beige Stl,Solid	DV-MP-6	AV Pad, Rubber, (6x6x3/8)
DV-585-TG4	Guard, Therm, Metl,5-3/4x3-1/3	DV-MP-6C	Anti-Vibration Pad,6x6Cork/Rub
DV-585-TG5	Guard, Therm., Clr Plas.,Solid	DV-MP-6E	AV Pad, E.V.A., (6x6x7/8)
DV-585-TG6	T-stat Grd, Plas.,6-1/4x3-3/4	DV-MP-8	AV Pad, Rubber, (8x8x3/8)
DV-585-TG7	Guard, Therm., Metal	DV-MP-8C	AV Pad, Rubber/Cork, (8x8x7/8)
DV-585-TG8	Guard, Therm., Beige Stl.,Ring	DV-MSA-44	AF,Adap,Brs,1/4F.Flare,Pk of 2
DV-585-TG9	Guard, Therm., Beige Steel, 2B	DV-MSA-45	AF,Adap,Brs,1/4" M.Flare
DV-6-3460	Tape, Econ.Elec.Tape, 3/4" X 60ft	DV-PF-08	Pro-Flush™, Flush Solvent, 8oz
DV-710-002	Strap,Metal,30ga x 1" x 100ft	DV-PF-16	Pro-Flush™, Flush Solvent,16oz
DV-710-004	Strap,Metal,26ga x 1-1/2x100ft	DV-PF-ADAPTER	Pro-Flush™ Line Set Adapter
DV-7-12	Clear Vinyl Tube, 1/2ID, 100ft	DV-PF-IGUN	Pro-Flush™, Replcmnt Inj. Tool
DV-7-14	Clear Vinyl Tube,1/4 ID,100ft	DV-PF-IHOSE	Pro-Flush™, 2ft Replcmnt Hose
DV-C-128BL	MP, Coil Guard™ Blue, 1 Gallon	DV-PF-KIT	Pro-Flush™, Kit W/Hose
DV-CG-AER	Clear Coil Guard™, Aero, 20oz	DV-Pro-Bubble-32	Pro-Bubble™ Leak Detector,32oz
DV-CGB-AER	Blue Coil Guard™, Aero, 20oz	DV-PRO-THAW	Liquid Dryer, Pro-Thaw™,4 oz.
DV-DN1-10	BRS, 5/8" Short Nut	DV-ProTreat-200	PT, Pro-Treat® 200, 200Tab/Jar
DV-DN1-12	BRS, 3/4" Short Nut	DV-QTM-1	Valve, MAC Line, 1/4-5/16"
DV-DN1-14	BRS, 7/8" Short Nut	DV-QTM-2	Line Tap,Valve, 1/2-5/8"
DV-DN1-3	BRS Fit, 3/16" Short Nut	DV-T-200	Fin Tool, Standard Metal
DV-DN1-4	BRS, 1/4" Short Nut	DV-Triple-D	Coil Cleaner, Triple-D™, 1 Gal
DV-DN1-6	BRS, 3/8" Short Nut	DV-VAX-2	Access Ftg., 1/8" Ext,Pk of 6
DV-DN5-4	BRS, 1/4" Cap	DV-VAX-3	Access Ftg.,3/16" Ext,Pk of 6
DV-DN5-6	BRS, 3/8" Cap	DV-VAX-4	Access Ftg., 1/4" Ext,Pk of 6
DV-DNS4-10	BRS,5/8" Short Forged Flare Nut	DV-VAX-5	AF, 5/16ODx1/4ID, Pk of 3
DV-DNS4-12	BRS,3/4" Short Forged Flare Nut	DV-VAX-6	Access Ftg., 3/8" Ext,Pk of 3
DV-DNS4-14	BRS,7/8" Short Forged Flare Nut	DV-VAX-8	AF,Extended CPR,1/2 OD,Pk of 3
DV-DNS4-4	BRS,1/4" Short Forged Flare Nut	DV-VC-4	Access Ftg., FC, 1/4,Pk of 12
DV-DNS4-6	BRS,3/8" Short Forged Flare Nut	DV-VC-4R	Access Ftg,FC w/Core,Pk of 12
DV-DNS4-8	BRS,1/2" Short Forged Flare Nut	DV-VCC-4	Valve Cap Lck, 2Caps 1Tool
DV-DU1-10D	BRS, 5/8 Flare x 1/2 MIPT	DV-VCRT-1	Valve Core, Removal Tool
DV-DU2-14	BRS, 7/8 Flare Union	DV-VST-4	Access Ftg,Swivl Nut, Pk of 3
DV-DU2-4	BRS, 1/4" Flare Union	DV-VST-44	Access Ftg.,Swivl Tee, Pk of 3
DV-DU2-6	BRS, 3/8" Flare Union	DV-VST-44X	AF, MxF Swivel, 1/4in, Pk of 3
DV-DX-4	Drier, Unrv Spun CPR, 1" DIA	DV-VST-4X	AF,Sw Nut w/No Dep,1/4,Pk of 3
DV-DX-4B	Drier, Step Down, Bulk	DV-VTR-24	AF,Thred Te,1/8" MPT,Pk of 3
DV-DXA-5	Drier,Universal,1/4x1/4,1" Di	DV-VTS-10	AF, S/T, 5/8" OD, Pk of 1
DV-ISO-18	Anti-Vibration Pad, 18 Iso-Cube	DV-VTS-12	AF, S/T,3/4" OD,Pk of 1
DV-ISO-18W	Waffle Cubes	DV-WC-1	Valve Core, Repl., Pk of 6



STRUTS, CLAMPS , THREAD RODS & NUTS



STRUT/ PRE GALVANIZED

13/16 x 1-5/8 x 10', 14 ga, slotted hole

1-5/8 x 1-5/8 x 10', 14 ga, slotted hole

SPRING NUTS/ ZINC

1/4-20" Spring Nuts

3/8-16" Spring Nuts

1/2-13" Spring Nuts

UNIVERSAL STRUT CLAMPS/ ZINC

1/2"

3/4"

1"

1-1/4"

1-1/2"

2"

CUSHION CLAMPS / ZINC

3/8 O.D. (1/4 CTS)

1/2 O.D. (3/8 CTS)

5/8 O.D. (1/2 CTS)

3/4 O.D. (5/8 CTS)

7/8 O.D. (3/4 CTS)

1-1/8 O.D. (1 CTS)

1-3/8 O.D. (1-1/4 CTS)

1-5/8 O.D. (1-1/2 CTS)

2-1/8 O.D. (2 CTS)

2-5/8 O.D. (2-1/2 CTS)

3-1/8 O.D. (3 CTS)

4-1/8 O.D. (4 CTS)

THREAD ROD/ ZINC

1/4-20 x 6"

3/8-16 x 6"

1/2-13 x 6"

Hex Washer Head Sheet Metal Screws (Sharp Point) Packed 100 per Box

8 x 3/4"

8 x 1"

8 x 1-1/4"

8 x 1-1/2"

12 x 1"

8 x 2"

12 x 1-1/2"

10 x 3/4"

14 x 1"

10 x 1"

14 x 1-1/4"

10 x 1-1/4"

14 x 2"

10 x 1-1/2"

14 x 3"

10 x 2"

DROP IN ANCHORS/ ZINC

1/4-20"

3/8-16"

1/2-13"

BEAM CLAMPS

1/4 Malleable Beam Clamps, Zinc

3/8 Malleable Beam Clamps, Plain

1/2 Malleable Beam Clamps, Plain

Elco Rod HangerMates

#EZG-730 3/8" for Concrete Vertical

STRUT/ PRE GALVANIZED

13/16 x 1-5/8 x 10", 14 ga, Slotted Hole

1-5/8 x 1-5/8 x 10", 14 ga, Slotted Hole

SPRING NUTS/ ZINC

1/4-20" Spring Nuts





DURODYNE ACCESSORIES

PART #	DESCRIPTION
BTL316-58LG	3/16"x5/8" Non-UL Butyl Gasket Light Gray 25' Roll
DDH	Corner for DOMH Flange
DDJNB	J Corner with 3/8" Nut & Bolt
KS38	3/8" Quadrant Set for Dampers Up to 20"
KS7	1/4" Jiffy Set for Dampers Up to 10"
MBX333	Metal Fab Flexible Duct
SAH114	1-1/4" Self Adhesive Hanger & Steel Washer
SAH134	1-3/4" Self Adhesive Hanger & Steel Washer
SRP14	1/4" Ball Joint for Duct
SRP40	1/4" Bracket for Damper

MASTIC

PART #	DESCRIPTION
DU-EDS-RF1	DURODYNE FIBERED DUCT SEALANT 1 GAL GRAY
PA-CADS1-WHT	POLYMER ADHESIVE DUCT SEALANT 1 GAL-WHITE
HC-304132	HARDCAST FLEX GRIP 550 1 GAL GRAY



NOISE & VIBRATION CONTROL PRODUCTS

DESCRIPTION
VIBRATION ISOLATION PADS
RUBBER SPRING HANGER VIBRATION ISOLATOR
RUBBER SPRING HANGER VIBRATION ISOLATOR
30° SWING SILVER SPRING HANGER (175 LBS)
30° SWING RED SPRING & LDS HANGER (33 LBS)
1" DEF. SWING SPRING & DOUBLE DEFL. LDS HANGERS
NEOPRENE FLOOR MOUNTS VIBRATION ISOLATOR, YELLOW
DOUBLE DEFLECTION NEOPRENE MOUNTS
DOUBLE DEFLECTION NEOPRENE MOUNTS
SUPER W NATURAL RUBBER VIBRATION ISOLATION PAD (18" X 18")
SUPER W NATURAL RUBBER VIBRATION ISOLATION PAD (18" X 18" X 3/4")



TAPES

PART #	DESCRIPTION
FS-ALUM-TAPE2.5-UL	0802 2.5X50 UL 2MM FOIL RUBBER ADHESIVE
FS-ALUM-TAPE2-UL	0802 2X50 UL 2MM FOIL RUBBER ADHESIVE
FS-ALUM-TAPE2X50X1.2	0812 2X50 1.2MM FOIL WITH RUBBER ADHESIVE
FS-ALUM-TAPE2X50X1.5	1803 2X50 1.5MM FOIL WITH RUBBER ADHESIVE
FS-ALUM-TAPE3-UL	0802 3X50 UL 2MM FOIL RUBBER ADHESIVE UL 723
FS-ALUM-TAPE3-0810	0810 3X60 ALUMINUM TAPE UL181A
FS-ALUM-TAPE3X50X1.2	0812 3X50 1.2MM FOIL WITH RUBBER ADHESIVE
FS-ALUM-TAPE3X50X1.5	1803 3X50 1.5MM FOIL WITH RUBBER ADHESIVE
FS-ALUMTAPE2.5-UL181	0800 2MIL ALUMINUM TAPE UL181A 2.5" X 60YDS CLEAR ADHESIVE
FS-ALUMTAPE3.0-UL181	0800 2MIL ALUMINUM TAPE UL181A 3" X 60YDS CLEAR ADHESIVE
FS-ALUMTP3X50X1.2-SP	0812 3X50 1.2MM FOIL WITH RUBBER ADHESIVE
FS-BLACK-TAPE2	950 2IN BLACK TAPE
FS-DUCT-TAPE2-GRAY	9160 9MIL THICK 2" X 60YDS GRAY TAPE
FS-DUCT-TAPE2-BLACK	9160 9MIL THICK 2" X 60YDS



EXPANSION VALVES , SOLENOID, DRIERS, SIGHT GLASSES, BALL VALVES & PRESSURE CONTROLS

EXPANSION VALVE WITH EXCHANGEABLE ORIFICES

					PART #
TX2	(R22)	EQ INT			068Z3206
TEX2	(R22)	EQ EXT			068Z3209
TN2	(R134)	EQ INT			068Z3346
TEN2	(R134)	EQ EXT			068Z3348
TS2	(R404)	EQ INT			068Z3400
TES2	(R404)	EQ EXT			068Z3403
Orifices R22, R502, R134,R404					
NO. DE ORIFICIO	CODIGO	R22	R134a	R404A	PART #
0X	068-2002	0.15			068-2002
0	068-2003	0.30			068-2003
1	068-2010	0.70			068-2010
2	068-2015	1.00			068-2015
3	068-2006	1.50			068-2006
4	068-2007	2.50			068-2007
5	068-2008	3.00			068-2008
6	068-2009	5.00			068-2009



TGEX EXPANSION VALVE FIXED ORIFICIE (R22)

	PART #
TGEX4 (4TR)	067N2152
TGEX6 (5 TR)	067N2154
TGEX8 (7.5 TR)	067N2026
TGEX11 (10 TR)	067N2027
TGEX 12.5 (12.5 TR)	067N2029
8TGEX 16 (15 TR)	067N2032
TGEX 18 (18 TR)	067N2034
8TGEX 20 (20 TR)	067N2033
TGEX26 (25 TR)	067N2036
TGEX 30 (30 TR)	067N2038
TGEX 40 (40 TR)	067N2039
TRE80 (55 TR)	067L3163
TRE 80 (80 TR)	067L3166



TGES EXPANSION VALVE FIXED ORIFICIE (R-404A)

	PART #
TGES 3.0 (3.5 TR)	067N6000
TGES 4.5 (6 TR)	067N0001
TGES 6.0 (7 TR)	067N0003
TGES 8.3 (10 TR)	067N6005



EXPANSION VALVE WITH EXCHANGEABLE ORIFICES R-410

		PART #
TUAE EQUAL. EXERNA		068U1714
Orifices R-410		
NO. DE ORIFICIO	CAP TR.	CODIGO
00 - 0.2tr	0.2	068U1030
01 - 0.4tr	0.4	068U1031
02 - 0.6tr	0.6	068U1032
03 - 0.8tr	0.8	068U1033
04 - 1.3tr	1.3	068U1034
05 - 1.7tr	1.7	068U1035
06 - 2.5tr	2.5	068U1036
07 - 3.4tr	3.4	068U1037
08 - 5tr	5.0	068U1038
09 - 7.5tr	7.5	068U1039



TGEL EXPANSION VALVE FIXED ORIFICIE -410A

	PART #
TGEL 6.5 (7TR)	067N3154
TGEL 9 (10 TR)	067N3156
TGEL 13 (13 TR)	067N3158
TGEL 15 (15 TR)	067N3160
TGEL 23 (20 TR)	067N3164
TGEL 31 (30 TR)	067N3166

SOLENOID VALVES

	PART #
EVR2 1/4"	032F1201
EVR3 3/8"	032F1204
EVR6 3/8"	032F1212
EVR6 1/2"	032F1209
EVR10 1/2"	032F1217
EVR10 5/8"	032F1214
EVR15 7/8"	032F1225
EVR20 7/8"	032F1240
EVR20 1 1/8"	032F1244
EVR22	032F3267
EVR25	032F2207
EVR32	042H1104
EVR 40	042H1111

COILS

	PART #
115/60 1 M CABLE	018F6260
220/60 1 M CABLE	018F6264

DRIERS

	PART #
DCL032 1/4" Flare	023Z5000
DCL032 1/4" Solder	023Z5013
DCL033 3/8" Flare	023Z5089
DCL033 3/8" Solder	023Z5015
DCL052 1/4" Flare	023Z5002
DCL052 1/4" Solder	023Z5018
DCL053 3/8" Flare	023Z5003
DCL053 3/8" Solder	023Z5019
DCL082 1/4" Flare	023Z5004
DCL082 1/4" Solder	023Z5022
DCL083 3/8" Flare	023Z5005
DCL083 3/8" Solder	023Z5023
DCL084 1/2" Flare	023Z5006
DCL084 1/2" Solder	023Z5026
DCL162 1/4" Flare	023Z5007
DCL162 1/4" Solder	023Z5028
DCL163 3/8" Flare	023Z5008
DCL163 3/8" Solder	023Z5029
DCL303 3/8" Flare	023Z0012
DCL303 3/8" Solder	023Z0030
DCL304 1/2" Flare	023Z0013
DCL304 1/2" Solder	023Z0031
DCL414 1/2" Flare	023Z0102
DCL414 1/2" Solder	023Z0104
DCL415 5/8" Flare	023Z0103
DCL415 5/8" Solder	023Z0105
DCL607 7/8" Solder	023Z0036
DCL757 7/8" Solder	023Z0115
DCL759 1 1/8" Solder	023Z0116



TRADEPRO DRIERS

	PART #
Liquid Line Drier 3/8S 8CI	TPX-LLD083S
Liquid Line Drier 3/8S 16CI	TPX-LLD163S

SUCTION DRIERS

	PART #
DAS 083 3/8" Solder	023Z1003
DAS 084 1/2" Solder	023Z1004
DAS 085 5/8" Solder	023Z1005
DAS 164 1/2" Solder	023Z1009
DAS 165 5/8" Solder	023Z1010
DAS 167 7/8" Solder	023Z1012
DAS 305 5/8" Solder	023Z1013
DAS 307 7/8" Solder	023Z1015
DAS 309 1 1/8" Solder	023Z1016
DAS 417 7/8" Solder	023Z1017
DAS 419 1 1/8" Solder	023Z1018

CORES FOR DCR

	PART #
48-DC Filter Drier Core for DCR	023U4381
48-DA Burn-Out Filter Core for DCR	023U5381
48-DM Filter Drier Core - 100% Molecular Sieve	023U1392
48-F Strainer for Dirt Retention	023U1921

TRADEPRO SIGHT GLASSES

	PART #
Sight Glass 1/2"	TPX-SG12
Sight Glass 3/8"	TPX-SG38
Sight Glass 5/8"	TPX-SG58

SIGHT GLASS (BRAZED)

	PART #
SGI 6S 1/4"	014-0034
SGI 10S 3/8"	014-0035
SGI 12S 1/2"	014-0036
SGI 16S 5/8"	014-0044
SGI 22S 7/8"	014-0039

SIGHT GLASS FLARE X FLARE

	PART #
SGI 6 1/4"	014-0007
SGI 10 3/8"	014-0008
SGI 12 1/2"	014-0009
SGI 16 5/8"	014-0024

SIGHT GLASS (BRAZED) R410

	PART #
SGH 6S 1/4"	014-1090
SGH 10S 3/8"	014-1092
SGH 12S 1/2"	014-1091
SGH 16S 5/8"	014-1094
SGH 22S 7/8"	014-1096
SGH 22S 1 1/8"	014-0098

SHUT OFF VALVES

	PART #
BML 6 1/4" FLARE	009G0101
BML 10 3/8" FLARE	009G0127
BML 12 1/2" FLARE	009G0141
BML 10S 3/8" Solder without Extension	009G0168
BML 12S 1/2" Solder without Extension	009G0122
BML 15S 5/8" Solder without Extension	009G0142
BML 22S 7/8" Solder without Extension	009G0162



CHECK VALVES

	PART #
NVR 10S 3/8" Solder	020-1011
NVR 12S 1/2" Solder	020-1012
NVR 16S 5/8" Solder	020-1018



BALL VALVES

	PART #
MUELLER BALL VALVES	
MU-1-1/8-BV-W/ACCESS	AQ17865A BALL VALVE 1-1/8" W/ACCESS PORT
MU-1-5/8-BV-W/ACCESS	BALL VALVE 1-5/8" W/ ACCESS PORT
MU-1/2-BV-W/ACCESS	AQ17861C BALL VALVE 1/2" W/ACCESS PORT
MU-1/4-BV-W/ACCESS	AQ17859 BALL VALVE 1/4" W/ACCESS PORT
MU-3/4-BV-W/ACCESS	AQ178963 BALL VALVE 3/4" W/ACCESS PORT
MU-3/8-BV-W/ACCESS	AQ17860C BALL VALVE 3/8" W/ACCESS PORT
MU-5/8-BV-W/ACCESS	AQ17862C BALL VALVE 5/8" W/ACCESS PORT
MU-7/8-BV-W/ACCESS	AQ17864C BALL VALVE 7/8"
GBC 6S 1/4"	009G7050
GBC 10S 3/8"	009G7051
GBC 12S 1/2"	009G7052
GBC 16S 5/8"	009G7053
GBC 22S 7/8"	009G7055
GBC 28S 1 1/8"	009G7056
GBC 35S 1 3/8"	009G7057
GBC 42S 1 5/8"	009G7058
GBC 54S 2 1/8"	009G7059



PRESSUSURE CONTROLS KP

	PART #
KP1 Auto Dif Var / without Capillary Tube	060-110166
KP1 Auto Dif Var / with Capillary Tube	060-110101
KP5 Auto Dif Var / without Capillary Tube	060-117366
KP5 Auto Dif Var / with Capillary Tube	060-117301
KP15 AUTO MANUAL DIF VAR / with Capillary Tube	060-124301



ELECTRONIC CONTROL ERC

	PART #
ERC 102A 110-220/1F/60 1 NTC	080G3106

RECIPROCATANT COMPRESSORS ACCESSORIES

	PART #
MT (Z) 18, 22, 28 EXCP. 22-1 y 28-1	6804501V06
MT (Z) 32,36,40, 22-1, 28-1	6804502V09
MT(Z) 44, 50,56,64,72	6804505V07



ROTALOCK SERVICE VALVE

	PART #
MT (Z) 18, 22, 28 EXCP. 22-1 y 28-1	6804501V06
MT (Z) 32,36,40, 22-1, 28-1	6804502V09
MT(Z) 44, 50,56,64,72	6804505V07



PTC SOLID STATE HEATER

	PART #
MT(Z) 18 AL 160 Y NTZ 048 AL 271	PTC 35W

PHASE MONITORS & TIME DELAYS

DV-DTP-3	3-PHASE LINE VOLTAGE MONITOR
DV-DSP-1	SINGLE PHASE LINE VOLTAGE PROTECTOR
DV-ADB-1	TIME DELAY-ON BREAK ADJ
DV-ADM-1	TIME DELAY-ON MAKE-ADJ



COMMERCIAL DEFROST CONTROLS

SU-S814520	40 AMPS /2 HP 208/220V 60HZ
SU-S814500	40 AMPS /2 HP 120V 60HZ



TESTO

A/C & REFRIGERATION INSTRUMENTS		
TES-0563 2550	550	Digital A/C & Refrigeration Manifold Kit (2 pipe-clamp probes, w/Bluetooth T, 3-5' Hoses)
TES-0613 5505	550	Pipe Clamp standard Probe (1/4 to 1-3/8)

RELATIVE HUMIDITY INSTRUMENTS		
TES-0560 1605	605i	Smart Probe Temperature and humidity thermohygrometer with wet bulb

AIR FLOW AND PRESSURE INSTRUMENTS		
TES-0560 1410	410i	Smart Probe Vane Anemometer
TES-0560 1510	510i	Smart probe Differential Manometer and hoses (static Pressure)

ELECTRICAL TEST INSTRUMENTS		
TES-0590 7602	760-2	Digital Multimeter w/TRMS, capacitance, LPF auto setup duty cycle & temp149
TES-0590 7703	770-3	Clamp Meter with TRMS, Power & blue tooth



AIR BALANCING HOOD WITH ANENMOMETER

ABM-HOOD-200	Easy Hood - Air Flow Balancing Hood with ABM-200 captures air speed values from air supply, returns/exhaust
	grilles in residential and commercial buildings easily converting
	into airflow volume reading
	Includes Wireless Smartphone Anemometer - Measures Volume & Velocity, Temperature Dry& Wet Bulb, Humidity, Pressure, Air Density and Outdoor Conditions



HIGH & LOW PRESSURE SWITCHES

TP-HP375265	FAN CYCLING SWITCH
TP-FC150225	FAN CYCLING SWITCH
TP-FC170250	HIGH PRESSURE SWITCH
TP-HP350250	HIGH PRESSURE SWITCH
TP-HP400300	HIGH PRESSURE SWITCH
TP-HP425300	LOW PRESSURE SWITCH
TP-LP0520	LOW PRESSURE SWITCH
TP-LP1025	LOW PRESSURE SWITCH
TP-LP2580	LOW PRESSURE SWITCH
TP-LP4080	LOW PRESSURE SWITCH





SOUTHWIRE SIMPULL THERMOSTAT WIRE BARON THERMOSTAT WIRE

X = 2 for spool , X = 5 for bags
X = 0 for spool, X = 5 for bags

SIZE	SW PART #	STANDARD PACKAGING	COLOR
18/2 solid	6416210x	4 X 500' spools / coils	Brown
18/3 solid	6416880x	4 X 500' spools / coils	Brown
18/4 solid	6589890x	4 X 250' spools / coils	Brown
18/5 solid	6416960x	4 X 250' spools / coils	Brown
18/6 solid	5502010x	4 X 250' spools / coils	Brown
18/7 solid	6417040x	4 X 250' spools	Brown
18/8 solid	6567690x	4 X 250' spools / coils	Brown
18/10 solid	5506560x	4 X 250' spools / coils	Brown
18/12 solid	5689280x	4 X 250' spools	Brown

CL2P THERMOSTAT WIRE - (PLENUM)

SIZE	SW PART #	STANDARD PACKAGING	COLOR
18/2 solid	56489201	4 X 500' spools	White
18/3 solid	56489301	4 X 500' spools	White
18/4 solid	56489401	4 X 250' spools	White
18/5 solid	56489501	4 X 250' spools	White
18/6 solid	56489601	4 X 250' spools	White
18/8 solid	56489901	4 X 250' spools	White
18/10 solid	56490001	4 X 250' spools	White

CL2P THERMOSTAT WIRE - SHIELDED (PLENUM) STRANDED

SIZE	SW PART #	STANDARD PACKAGING	COLOR
18/2 stranded	P40133-1C	1 x 500' spool	White
18/3 stranded	P40032-1C	1 x 500' spool	White
18/4 stranded	P40073-1D	1 x 500' POB	White
18/6 stranded	P40040-1C	1 x 500' spool	White
18/8 stranded	P40070-1C	1 x 500' spool	White
16/2 stranded	P50002-1T	1 X 250' spool	White
16/2 stranded	P50002-1A	1 X 1000' spool	White
16/2 stranded	57571750	10 x 50' coils	White

CL3 MINI-SPLIT WIRE - SHIELDED (300 VOLT) STRANDED

SIZE	PART #	PACKAGING	COLOR
18/2 stranded	57036901	4 X 250' (carton)	Gray
18/4 stranded	57037007	10 X 50' (carton)	Gray
18/4 stranded	57037001	4 X 250' (carton)	Gray
16/2 stranded	57036507	10 X 50' (carton)	Green
16/2 stranded	57036501	4 X 250' (carton)	Green
16/2 stranded	57570502	1 x 1000' spool	Gray
16/4 stranded	57036707	5 X 50' (carton)	Green
16/4 stranded	57036701	4 X 250' (carton)	Green
14/4 stranded	57036407	1 X 50' (coil)	White
14/4 stranded	57036401	4 X 250' (carton)	White

EZ-IN - 600 VOLT - MINI SPLIT

SIZE	PART #	PACKAGE	COLOR
14/7 stranded	58341001	1000' Spool	Black
14/4 stranded	58340802	250' Spool	Black
14/4 stranded	58340803	50' Coil	Black
16/4 stranded	58628802	250' Coil	Black
16/4 stranded	58628801	50' Coil	Black

EZ-IN - 600 VOLT - MINI SPLIT SHIELDED

SIZE	PART #	PACKAGE	COLOR
14/4 stranded	59351202	250' Spool	Black
14/4 stranded	59351203	50' Coil	Black

TRAY CABLE - 600 VOLT - MINI SPLIT

SIZE	PART #	PACKAGE	COLOR
14/7 stranded	40863305	1 X 50'	Black
14/7 stranded	40863301	1 X 250' (reel)	Black
14/4 stranded	58225705	5 X 50'	Black
14/4 stranded	58225703	1 X 250' (reel)	Black
14/4 Solid	59540702	5 X 50'	Black
14/4 Solid	59540703	1 X 250' (reel)	Black
16/4 Stranded	58583505	5 X 50'	Black
16/4 Stranded	58583501	1 X 250' (reel)	Black





INSUL-TUBE PIPE & SHEETS

3/8" Wall - 6 Foot Lengths (unslit)
1/2" Wall - 6 Foot Lengths (unslit)
3/4" Wall - 6 Foot Lengths (unslit)
1" Wall - 6 Foot Lengths (unslit)
1-1/2" Wall - 6 Foot Lengths (unslit)
2" Wall - 6 Foot Lengths (unslit)
Insul-Sheet, 1/8" X 3' X 4', 576 SQ FT/48 Pieces, Flat Sheet
Insul-Sheet, 1/4" X 3' X 4', 288 SQ FT/24 Pieces, Flat Sheet
Insul-Sheet, 3/8" X 3' X 4', 216 SQ FT/18 Pieces, Flat Sheet
Insul-Sheet, 1/2" X 3' X 4', 144 SQ FT/12 Pieces, Flat Sheet
Insul-Sheet, 3/4" X 3' X 4', 96 SQ FT/8 Pieces, Flat Sheet
Insul-Sheet, 1" X 3' X 4', 72 SQ FT/6 Pieces, Flat Sheet
Insul-Sheet, 1-1/2" X 3' X 4', 48 SQ FT/4 Pieces, Flat Sheet
Insul-Sheet, 2" X 3' X 4', 36 SQ FT/3 Pieces, Flat Sheet



PIPE INSULATION ACCESSORIES

1120 ADHESIVE - WATER-BASED	
PART NUMBER	DESCRIPTION
800-1120-52GAL	1120 ADHESIVE, 52 GALLON DRUM
800-1120-5GAL	1120 ADHESIVE, 5 GALLON PAIL
800-1120-GAL	1120 ADHESIVE, 1 GALLON BOTTLE (4 GALLONS/CARTON)

120 NONFLAMMABLE CONTACT ADHESIVE	
PART NUMBER	DESCRIPTION
800-120-10	120 - Adhesive, 10 oz tubes, 12 Tubes/Cartron

320 ADHESIVE - AMBER - FAST TACK	
PART NUMBER	DESCRIPTION
800-320-12PTB	320 - Adhesive, 1/2 Pint, Brush Top, 48 Cans/Cartron
800-320-GAL	320 - Adhesive, Gallon, Amber, 4 Cans/Cartron
800-320-PTB	320 - Adhesive, Pint, Brush Top, Amber, 24 Cans/Cartron
800-320-QT	320 - Adhesive, Quart, Amber, 12 Cans/Cartron

373 ADHESIVE - BLUE - SLOW TACK	
PART NUMBER	DESCRIPTION
800-373-12PTB	373 - Adhesive, 1/2 Pint, Brush Top, Blue, 48 Cans/Cartron
800-373-GAL	373 - Adhesive, Gallon, Blue, 4 Cans/Cartron
800-373-PTB	373 - Adhesive, Pint, Brush Top, Blue, 24 Cans/Cartron
800-373-QT	373 - Adhesive, Quart, Blue, 12 Cans/Cartron

374 INSULATION PROTECTIVE COATING	
PART NUMBER	DESCRIPTION
800-374-GAL	K-Flex Protective Coating, Gallon, 4 Cans/Cartron

420 ADHESIVE - HIGH TEMP	
PART NUMBER	DESCRIPTION
800-420-GAL	420 - Adhesive, Gallon, 4 Cans/Cartron
800-420-QT	Adhesive, 420 High Temp Quarts Cans, 12 CN/CT

620 ADHESIVE - BLACK - FAST TACK	
PART NUMBER	DESCRIPTION
800-620-GAL	620 - Adhesive, Gallon, Black, 4 Cans/Cartron
800-620-PTB	620 - Adhesive, Pint, Brush Top, Black, 24 Cans/Cartron
800-620-QT	620 - Adhesive, Quart, Black, 12 Cans/Cartron

720-LVOC ADHESIVE - BLACK	
PART NUMBER	DESCRIPTION
800-720-QT	720 - Adhesive, Quart, Black, 12 Cans/Cartron

BOSTIK CAULK	
PART NUMBER	DESCRIPTION
800-7003-CAULK-BL	ISR70-03A GREY BLACK, 12 TUBES/CARTON

CORK TAPES	
PART NUMBER	DESCRIPTION
800-TAPE-CRK	CORK TAPE, 1/8" THICK X 2" W X 30', 12RL/CTN



COPPER FITTINGS - 90DEG ELBOW, TEE, COUPLINGS & PTRAPS

MODEL	SIZES
COUPLING	
COP - 3/8 - COUP	Copper Fitting 3/8" WROT Coupling OD
COP - 1/2 - COUP	Copper Fitting 1/2" WROT Coupling OD
COP - 5/8 - COUP	Copper Fitting 5/8" WROT Coupling OD
COP - 3/4 - COUP	Copper Fitting 3/4" WROT Coupling OD
COP - 7/8 - COUP	Copper Fitting 7/8" WROT Coupling OD
COP - 1-1/8 - COUP	Copper Fitting 1-1/8" WROT Coupling OD
COP - 1-3/8 - COUP	Copper Fitting 1-3/8" WROT Coupling OD
ELBOW 90 SHORT RADIUS	
COP - 3/8 - 90ESR	Copper Fitting 3/8" 90Deg Elbow OD
COP - 1/2 - 90ESR	Copper Fitting 1/2" 90Deg Elbow OD
COP - 5/8 - 90ESR	Copper Fitting 5/8" 90Deg Elbow OD
COP - 3/4 - 90ESR	Copper Fitting 3/4" 90Deg Elbow OD
COP - 7/8 - 90ESR	Copper Fitting 7/8" 90Deg Elbow OD
COP - 1-1/8 - 90ESR	Copper Fitting 1-1/8" 90Deg Elbow OD
COP - 1-3/8 - 90ESR	Copper Fitting 1-3/8" 90Deg Elbow OD
ELBOW 90 LONG RADIUS	
COP - 3/8 - 90ELR	Copper Fitting 3/8" 90Deg Long Elbow
COP - 1/2 - 90ELR	Copper Fitting 1/2" 90Deg Long Elbow
COP - 5/8 - 90ELR	Copper Fitting 5/8" 90Deg Long Elbow
COP - 3/4 - 90ELR	Copper Fitting 3/4" 90Deg Long Elbow
COP - 7/8 - 90ELR	Copper Fitting 7/8" 90Deg Long Elbow
COP - 1-1/8 - 90ELR	Copper Fitting 1-1/8" 90Deg Long Elbow
COP - 1-3/8 - 90ELR	Copper Fitting 1-3/8" 90Deg Long Elbow
45°ELBOW SHORT RADIUS C°C	
COP - 3/8 - 45ESR	Copper Fitting 3/8" 45Deg Short Elbow OD
COP - 1/2 - 45ESR	Copper Fitting 1/2" 45Deg Short Elbow OD
COP - 5/8 - 45ESR	Copper Fitting 5/8" 45Deg Short Elbow OD
COP - 3/4 - 45ESR	Copper Fitting 3/4" 45Deg Short Elbow OD
COP - 7/8 - 45ESR	Copper Fitting 7/8" 45Deg Short Elbow OD
COP - 1-1/8 - 45ESR	Copper Fitting 1-1/8" 45Deg Short Elbow OD
COP - 1-3/8 - 45ESR	Copper Fitting 1-3/8" 45Deg Short Elbow OD
COP - 1-5/8 - 45ESR	Copper Fitting 1-5/8" 45Deg Short Elbow OD
COUPLING REDUCING C°C	
COP - 1/2 X 3/8 - RC	Copper Fitting 1/2" * 3/8" Reducing Coupling
COP - 5/8 X 1/2 - RC	Copper Fitting 5/8" * 1/2" Reducing Coupling
COP - 3/4 X 5/8 - RC	Copper Fitting 3/4" * 5/8" Reducing Coupling
COP - 7/8 X 3/4 - RC	Copper Fitting 7/8" * 3/4" Reducing Coupling
COP - 1-1/8 X 7/8 - RC	Copper Fitting 1-1/8" * 7/8" Reducing Coupling
COP - 1-3/8 X 1-1/8 - RC	Copper Fitting 1-3/8" * 1/8" Reducing Coupling
COP - 1-5/8 X 1-3/8 - RC	Copper Fitting 1-5/8" * 3/8" Reducing Coupling
TEE	
COP - 3/8 - TEE	Copper Fitting 3/8" Tee
COP - 1/2 - TEE	Copper Fitting 1/2" Tee
COP - 5/8 - TEE	Copper Fitting 5/8" Tee
COP - 3/4 - TEE	Copper Fitting 3/4" Tee
COP - 7/8 - TEE	Copper Fitting 7/8" Tee
COP - 1-1/8 - TEE	Copper Fitting 1-1/8" Tee
COP - 1-3/8 - TEE	Copper Fitting 1-3/8" Tee
COP - 1-5/8 - TEE	Copper Fitting 1-5/8" Tee
COPPER ROLLS	
50' and 100' Pancake Coils ASTM B280	
MODEL	DESCRIPTION
COP - 1/4 X 50	Copper Pancake Coil 1/4 OD 50ft Length
COP - 3/8 X 50	Copper Pancake Coil 3/8 OD 50ft Length
COP - 1/2 X 50	Copper Pancake Coil 1/2 OD 50ft Length
COP - 5/8 X 50	Copper Pancake Coil 5/8 OD 50ft Length
COP - 3/4 X 50	Copper Pancake Coil 3/4 OD 50ft Length
COP - 7/8 X 50	Copper Pancake Coil 7/8 OD 50ft Length
COP - 1-1/8 X 50	Copper Pancake Coil 1-1/8 OD 50ft Length



COPPER FITTINGS - 90DEG ELBOW, TEE, COUPLINGS & PTRAPS | CONT.

COPPER TUBING	
ACR Hard Length Bundle Pack with both ends plugged ASTM B280	
MODEL	DESCRIPTION
COP - 3/8 X 20	ACR Copper Tube 3/8 OD 20ft Length
COP - 1/2 X 20	ACR Copper Tube 1/2 OD 20ft Length
COP - 5/8 X 20	ACR Copper Tube 5/8 OD 20ft Length
COP - 3/4 X 20	ACR Copper Tube 3/4 OD 20ft Length
COP - 7/8 X 20	ACR Copper Tube 7/8 OD 20ft Length
COP - 1-1/8 X 20	ACR Copper Tube 1-1/8 OD 20ft Length
COP - 1-3/8 X 20	ACR Copper Tube 1-3/8 OD 20ft Length
COP - 1-5/8 X 20	ACR Copper Tube 1-5/8 OD 20ft Length
COP - 2-1/8 X 20	ACR Copper Tube 2-1/8 OD 20ft Length



EZ-PULL® LINE SETS

SPECIAL FEATURES	TECHNICAL SPECIFICATIONS
- Meets ASTM E84 for smoke and fire (25/50) - Superior tear resistance - Rugged, anti-tear exterior allows for easier installation of the line set - UV Resistant - R410 A Approved - Insulation - Paintable	Copper Tubing: Commercial Grade Refrigeration Tubing Copper: No. C122200 DHP (Phosphorous deoxidized, high residual phosphorous) Low-Density Polyethylene Foam: Closed cells foam, CFC and HCFC gas free Insulation: According to ASTM E96-00 Working Temperature: Meets / Exceeds ASTM C 1427-07 Surface Burning Characteristics: UL 94HBT, UL 723, ASTM E84 (25/50), flame and spread index less than 25 and smoke development index less than 50 as tested according to UL 723 Wall Thickness: 1/2" and 3/4" EZ-Pull - Insulation (White Hard Shell): Ductless: 1/4"-1 1/8", Plain End: 1/4"-1 1/8", Insulated Copper Tube: 1/4"-1 1/8", Length: 10'-100' and 164' coils
INSULATION R VALUES	
1/2" Wall - R3.3	
3/4" Wall - R5.2	
*R - Value calculation using a K-Factor of 0.25 BTU-in/hr-ft (2)-F @ 75°F, 24°C mean temp.	



LEAK PROOF FLARE FITTINGS

BENEFITS	FEATURES
EASY TO USE: Don't have to make a double flare.	Renewable copper trumpet ring
SAVE TIME & MONEY: Eliminates the time and the trouble of the double flare	Stainless steel reinforced SAE core
RE-USABLE CONNECTION: Easy component change out with replaceable trumpet ring.	- Heavy duty oversized nut - Frost grooves - Tight tolerances - Swaged Copper

FLEXFAIR SERIES

STANDARD MODEL	CONNECTION		REDUCING MODEL	CONNECTION	
	SAE	ODF		SAE	ODF
Type	Flare	Inch	Type	Flare	Inch
FA-2	1/4	1/4			
FA-3	3/8	3/8	FA-3x2	3/8	1/4
FA-4	1/2	1/2	FA-4x3	1/2	3/8
FA-5	5/8	5/8	FA-5x4	5/8	1/2
FA-6	3/4	3/4	FA-6x5	3/4	5/8
FA-7	7/8	7/8	FA-7x6	7/8	3/4





FREON® REFRIGERANTS

MODEL	DESCRIPTION
DUP - R410A - 25	Refrigerant R410A 25 lb Cylinder
DUP - R134a - 30	Refrigerant R134a 30 lb Cylinder
DUP - R404A - 24	Refrigerant R404A 24 lb Cylinder
DUP - R407C - 25	Refrigerant R407C 25 lb Cylinder
DUP - R507 - 25	Refrigerant R507 25 lb Cylinder
DUP - M099 - 25	Refrigerant M099 25 lb Cylinder
DUP - R123	Refrigerant R123 100 lb Cylinder





WELDING TOOLS & SILVER SOLDER

MODEL #	DESCRIPTION
HA-SILV-0	0620F1 SILVER SOLDER STAY-SILVER 0% 28/STICLS PER TUBE
HA-SILV-0-BULK	0620F SOLDER STAY-SILVER 0% BULK 25LB
HA-SILV-5	5620F1 SILVER SOLDER STAY-SILVER 5% 1LB 28 STICKS PER TUBE
HA-SILV-5-BULK	5620F SILVER SOLDER STAY-SILVER 5% BULK 25LB
HA-SILV-15	15620F1 SILVER SOLDER STAY-SILVER 15% 1LB 28 STICKS PER TUBE
HA-SILV-15-BULK	15620F SILVER SOLDER STAY-SILVER 15% BULK 25LBS
HA-BRONZ-1/8X36-15FC	015FC60 FLUX COATED LFB 1/8" X 36" 10LB TUBE
HA-BRONZ-3/32X36-15F	015FC50 FLUX COATED LFB 3/32" X 36" 10LB TUBE
HA-DYNAFLOW	D620F1 .050" X 1/8" 6% 28 STICKS PER TUBE
HA-DYNAFLOW-BULK	D620F .050" X 1/8" 6% 25LB
HA-FLUX-4-WHT	SSWF1/4 STAY SILVER WHITE FLUX 4oz
HA-FLUX-8-WHT	SSWF1/2 STAY-SILVER WHITE FLUX 8oz
HA-FLUX-45-COATED	45F3184 SOLDER STAY SILVER 45% 1-1/6" X 1/8" 15 TROY OZ COATED
HA-FLUX-60-WHT	SSWF60 WHITE FLUX 60LB PAIL
HA-TORCH-KIT	4400161 TORCH KIT WITH OXYGEN /ACETYLENE CYLINDERS



LUCAS MILHAUPT

MODEL #	DESCRIPTION
SILVALOY 0	SILVER SOLDER 0% 1LB 28 STICKS 1LB
LM-SILV-5	95060 SILVER SOLDER 5% 28 STICKS PERTUBES
LM-SILV-15	95150 SILVER SOLDER 15% 28 STICK PER TUBE



WELDING / BRAZING TORCH KIT/ REGULATORS/ TORCHES/ TANKS

MODEL #	DESCRIPTION
TP100	TRADEPRO WELDING TORCH KIT
UN-N20	NITROGEN TANK 20# CUBIC FEET
UN-R20	OXYGEN TANK 20#CUBIC FEET
UN-HT89	ELECTRONIC IGNITION HAND TORCH
UN-HT29	BRASS PENCIL FLAME TORCH
UN-HT7	THE BLAZER™ ELECTRIC IGNITION HAND TORCH KIT FOR BRAZING AND SOLDERING
UN-RP3T2	HAND TORCH DOUBLE TWISTER TIP
UN-RP3T5	HAND TORCH LP TWISTER TIP
UN-RP3T6	SILVER BULLET HAND TORCH
TP-NR400	TRADEPRO NITROGEN REGULATOR 400PSI
TP-NR800	TRADEPRO NITROGEN REGULATOR 800PSI



MAPPRO

MODEL #	DESCRIPTION
MAPPRO	WORTHINGTO MAPP GAS



CELLARCOOL

Wine Cellar Cooling Systems



Self Contained Systems
Thru-Wall & Fully Ducted



Evap. Coil/Control "CR Models"
Evap. Coils & Control Sold w/o Condenser



Split Systems "S Models"
Coil-Control-Condenser



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