

2025

Featured Products Guide

Motors • Components • Service & Installation

HIGH SIDE
CHEMICALS, INC.

Expanded Product Offering

NEW



Highside Chemicals
see pages 16-17

NEW

GOODYEAR
BELTS

HVAC Belts
see page 21



AZURE

NEW

8-Pin Variable Speed

Replacement for
Nortek/Nordyne
Direct Drives

Azure® ECM
see page 49



NEW Sizes

PolarPad
HEAVY DUTY HVAC PADS



PolarPad
see pages 14--15

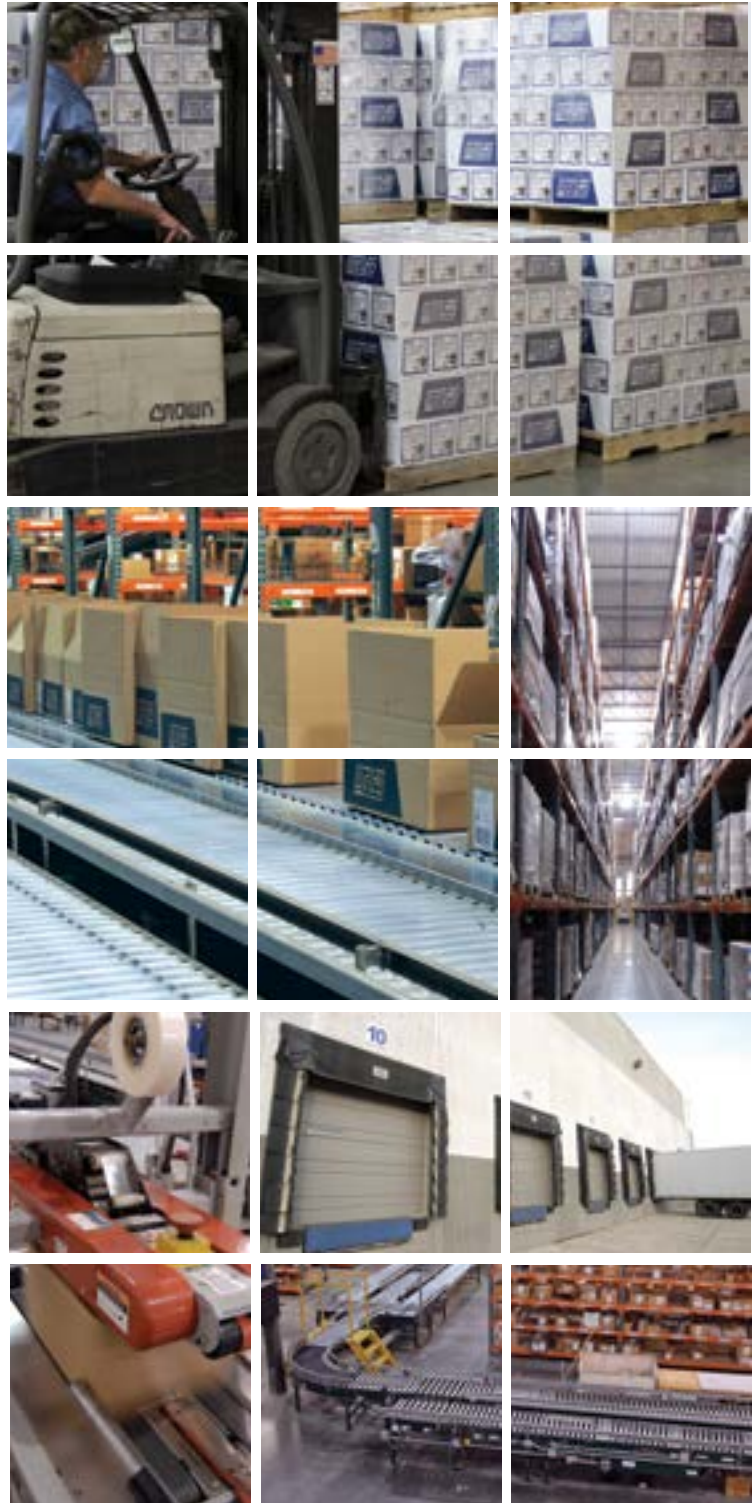
The Leading Brands You Trust For...

- Quality
- Innovation
- Design
- Leadership

MARS has been serving the HVAC/R market since 1946 and is proud to present the most complete motor, component and accessory product offering to serve your needs. Our capabilities include:

- Consolidation - One Stop Shop
- Over 14,000 combinable products
- Industry leading brands
- Innovative products
- Award winning distribution facilities
- High order fill rate
- Shipments within 24 hours
- Billing accuracy
- Sales coverage serving every customer location
- In-house Art Department for customer flexibility
- Bilingual Website
- On-line training – www.marsuniversity.com
- EDI capabilities

Thank you for your business!



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Strike Back!

With **MARS** Surge Protectors



208-230/240V MARS HVAC Surge Protective Device

Designed To Protect Outdoor and Indoor HVAC Equipment

The MARS SPD is designed to protect your HVAC equipment from power spikes, surges and transients. The MARS SPD utilizes Thermally Protected MOV technology to provide safe and reliable surge protection.

120/240 VAC Single Split Phase SPD for use on a variety of HVAC Equipment



Protects:

- Compressors
- Heat Pumps
- Ideal for Ductless Systems
- Inverter Boards
- ECM Motors
- Control Boards
- Transformers
- Relays
- Sensors

Features:

- Easy Installation to Disconnect
- Weatherproof 4X Enclosure
- 18" Pre-stripped Leads
- Green & Red LED Status Indicators
- Thermally Protected MOVs
- 120/240V Single (Split) Phase 50/60Hz
- Short Circuit Current Rating
 - 22,000 Amps
- MCOV L-G 150V / L-L 300V
- Voltage Protection Rating
 - L-G 700V / L-L 1200V
- UL 1449 4th Edition
- Type 1 or 2 Surge Protection Rating
- **3 Year Warranty**
- **\$7,500 Connected Equipment Warranty**



MARS Surge Protective devices utilize Thermally Protective MOV surge technology

Specifications

MARS NO.	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCL	UL 1449 4TH EDITION
83905	120/240	L-L, L-G	1 or 2	150/300	Type 4X	cULus

120V MARS HVAC Surge Protective Device

For Furnace Air Handlers and 120V Ductless Equipment

The MARS 83904 SPD is designed specifically for 120V furnace and air handler applications. The 120V Surge Device is easy to install with only 2 wires to connect. The MARS SPD utilizes thermally protected MOV technology for safe and reliable protection of equipment.

120 VAC Single Split Phase SPD



Protects:

- Ideal for 120V Ductless Systems
- Furnace & Air Handlers
- Inverter Boards
- ECM Motors
- Control Boards
- Transformers
- Relays
- Sensors

Features:

- Easy 2 Wire Installation
- 10" Pre-stripped Leads
- Green LED Status Indicator
- Thermally Protected MOVs
- 120V Single Phase 50/60Hz
- Short Circuit Current Rating
 - 10,000 Amps
- MCOV L-G 150V
- Voltage Protection Rating
 - L-G 700V
- UL 1449 4th Edition
- Type 1 or 2 Surge Protection Rating
- **3 Year Warranty**
- **\$7,500 Connected Equipment Warranty**



MARS Surge Protective devices utilize Thermally Protective MOV surge technology

Specifications

MARS NO.	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCL	UL 1449 4TH EDITION
83904	120	L-G	1 or 2	150	Type 2	cULus

MARS Intelligent Surge Protective Device For Unitary Equipment



The **iSPD** (*Intelligent Surge Protection Device*) offers comprehensive protection for your HVAC equipment.

The MARS 83907 Surge Protection Device is designed to provide maximum compressor protection from harmful power surges, transients and over-voltages utilizing the latest Thermally Protected MOV technology.

In the event of diminished surge protection or failure, the compressor will not be allowed to start until the module is replaced.

Protects the Following Equipment and Components:

- Compressors
- Heat Pumps
- Control & Defrost Boards
- Reversing Valves
- Sensors & Relays
- ECM Motors
- Transformers

Plus:

- Low Voltage Protection
- Coil Freeze-up / Low Refrigerant Detection

Features:

- Easy installation to disconnect box
- Weatherproof 4X enclosure
- Fits 1/2" knockouts
- Green & Red LED status indicators
- Thermally protected MOVs
- 240V single phase 50/60Hz
- Max surge current
 - 10,000 A
- MCOV L-G 150V / L-L 300V
- Voltage Protection Rating
 - L-G 700V / L-L 1200V
- **3 Year warranty**
- **\$7,500 Connected equipment warranty**

240 VAC Single Split Phase SPD for use on HVAC Equipment

Microprocessor Based Controls



LED Status Indicators

18 in. 10 Gauge Leads

Meets all UL 1449 4th Edition Standards

1/2 inch x 20 Threaded Nipple



Unmatched Surge Protection Ratings
Type 4x
Weatherproof Enclosure
UV Resistant

MARS NO.	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCL	UL 1449 4TH EDITION
83907	240	L-L, L-G	1 or 2	150/300	Type 4X	cULus

MARS Surge Protective devices utilize Thermally Protective MOV surge technology



MARS Surge Protection Disconnects

MARS side-open disconnects with integrated surge protection ensure a quick and clean installation. The metal weather resistant enclosures provide the performance necessary to protect critical components in high efficiency mini-split and unitary HVAC equipment. These products all come with a three-year warranty and \$7,500 connected equipment surge protection warranty.

Protects:

- Motors
- Compressors
- Control Boards
- Sensors
- Reversing Valves
- Inverter Boards

No. 83910 and 83925 Surge Protector Ratings:

- 120/240V Single (Split) Phase 50/60Hz
- Short Circuit Current Rating
22 kA for 83910, 25 kA for 83925
- MCOV L-G 150V / L-L 300V
- Voltage Protection Rating
 - L-G 600V / L-L 1200V
- UL 1449 4th Edition

MARS Side Open Disconnect with Surge Pull-out

Features:

- Easy Installation - pull-out contains SPD function
- Easy as wiring a standard disconnect
- Thermally protected MOV's
- External green & red LED status indicators
- Not rated for use in Canada

MARS NO.	DESCRIPTION	VOLTAGE	SPD TYPE	MCOV	ENCLOSURE
83925	60 Amp Non-Fused w/ Surge Pull-Out	240	2	150/300	NEMA 3R, Rainproof



MARS Side Open Disconnect with Surge Module

Features:

- Includes 83910 surge module for integrated protection
- Thermally protected MOV's
- External green & red LED status indicators

MARS NO.	DESCRIPTION	ENCLOSURE	INCLUDES SURGE PROTECTOR
83915	60 Amp Non-Fused w/Surge Module	NEMA 3R, Rainproof	MARS No. 83910
83916	30 Amp Fused w/Surge Module	NEMA 3R, Rainproof	MARS No. 83910
83917	60 Amp Fused w/Surge Module	NEMA 3R, Rainproof	MARS No. 83910

MARS NO.	DESCRIPTION
83910	Replacement Surge Module For 83915, 83916 and 83917



Got A Surge Protector? Get This!

New Side Open 60A Non-Fused Disconnect With UL Listed Lugs For Use With Surge Protective Devices

MARS Low Profile 60A Non-Fused Disconnect

MARS side open low profile disconnect box is compact while providing easy access to the connection points. The finger safe pullout section prevents accidental contact with the live circuit. The lugs are rated for multi-conductors and are approved for use with surge protection devices.

Specifications:

- Single phase, 120/240V
- Dimensions: 6.625" x 5" x 2.50"
- Tin plated copper pullout
- Lugs rated for multi-conductors
- 10,000 Amp max. rated
- NEMA 3R, rainproof
- cULus rated

MARS No.	DESCRIPTION	MARS PACK
80301	60 amp non-fused	10



Surge protector is not included



80301

Top Open A/C Disconnects, NEMA 3R

MARS offers both fusible and non-fusible single phase air conditioner disconnects. These units provide a disconnecting means which should be located within sight and readily accessible from the air conditioning or refrigerating equipment.

- Single phase
- 120/240 Volts
- Fused Disconnects - accepts type H fuse (not included)
- 10kAIC
- Enclosure material: galvanized steel
- NEMA 3R, rainproof, outdoor use
- Dimensions: 9.21" H x 5.45" W x 3.13" D



MARS NO.	DESCRIPTION	MARS PACK
83615	60 Amp, Non-Fused	6
83616	30 Amp, Fused	6
83617	60 Amp, Fused	6

MARS Disconnect Boxes

Side Open Pullout



MARS NO.	DESCRIPTION	MARS PACK
80315	60 amp non-fused	6
80316	30 amp fused	6
80317	60 amp fused	6

Front Open Pullout



- Market leader
- High quality box
- UL & CUL
- NEMA 3R, rainproof
- Single phase
- Pullout type

MARS NO.	DESCRIPTION	MARS PACK
83315	60 amp non fused	6
83316	30 amp fused	6
83317	60 amp fused	6
83396	Compact 30 amp fused	6



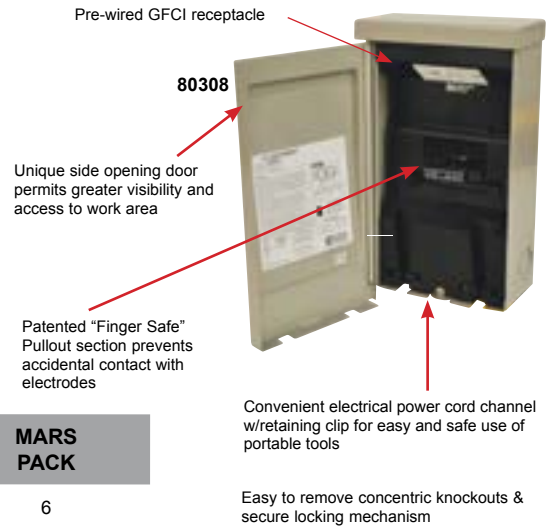
MARS No. 83335
Description:
 Generic brand 60 amp non-fused
MARS Pk: 6

MARS Side Open Pullout Disconnect w/GFCI Receptacle

Specifications:

- 60 amp, non-fused, pullout type
- Pre-wired 15A, 125V GFCI receptacle included
- 240 volt, 1 PH
- 10,000 amp rated
- NEMA 3R & UL rainproof
- UL & CUL approved
- Rated for 10HP @ 240 volts
- Meets NEC #210.63 & #406.8(B)(1)
- Multiple patents pending

MARS NO.	DESCRIPTION	MARS PACK
80308	Pullout disconnect, W/GFCI receptacle	6



MARS A/C Disconnect/GFCI Receptacle Combination

MARS NO.	DESCRIPTION	MARS PACK
83308	60 Amp, Non-Fused, 15 Amp, 125V GFCI Duplex Receptacle	6
83309	60 Amp, Non-Fused, 20 Amp, 125V GFCI Duplex Receptacle	6



Midwest Three Phase Pullout Disconnects - 240V - NEMA 3R



Midwest Electric three phase pull out disconnects and single phase non-automatic switches are manufactured of heavy zinc coated steel with highest quality electro-deposition paint finish for maximum corrosion resistance. The three phase disconnects are available with and without fuse protection. Fusible units require three fuses. NEMA 3R.



MARS NO.	DESCRIPTION	MARS PACK
83321	60 amp non-fused, three phase	4
83322	30 amp fused, three phase	4
83323	60 amp fused, three phase	4

Midwest Heat Pump Disconnects - NEMA 3R



Multiple disconnect devices are offered for heat pump applications that require individual disconnects for the heating and cooling cycles. The dual pull outs accommodate either a 30A/60A or 60A/60A puller combination. Units require four fuses.



Specifications:

- 120/240 AC

MARS NO.	DESCRIPTION	MARS PACK
83324	90 amp fused	1
83325	100 amp fused	1

MARS Bulk Packaged A/C Whips, Non-Metallic Fittings

Non-metallic conduit with non-metallic fittings. These are individually packaged. Assembled with UL approved components.

- Packaged gaylord style
- Bulk box for easy access



84181

MARS NO.	DESCRIPTION	MARS PACK
84181	4' x 1/2" #10 ga. non-metallic whip UL	90
84183	4' x 3/4" #8 ga. non-metallic whip UL	60
84185	6' x 1/2" #10 ga. non-metallic whip UL	60
84187	6' x 3/4" #8 ga. non-metallic whip UL	45

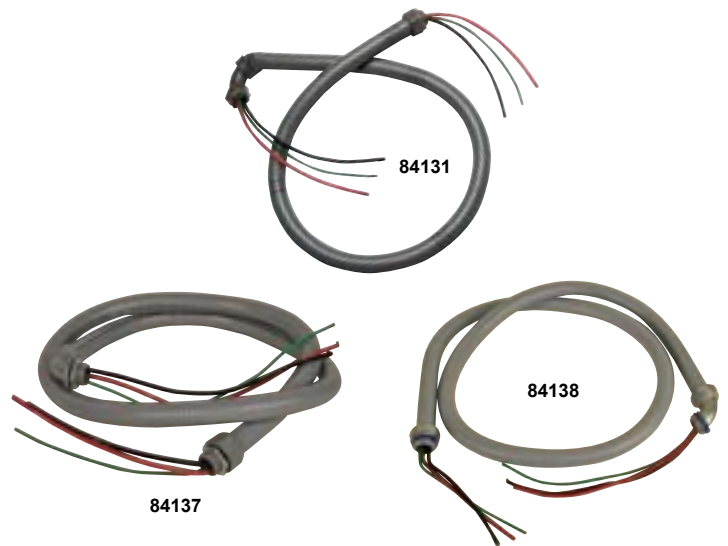
MARS A/C Whips

- Assembly UL listed.
- Extra long wire for easy hook up
- Bagged individually

Non-Metallic Fittings

Non-metallic conduit with non-metallic fittings.

MARS NO.	DESCRIPTION	MARS PACK
84131	4' x 1/2" #10 ga. non-metallic whip UL	1
84133	4' x 3/4" #8 ga. non-metallic whip UL	1
84135	6' x 1/2" #10 ga. non-metallic whip UL	1
84137	6' x 3/4" #8 ga. non-metallic whip UL	1
84139	8' x 1/2" #10 ga. non-metallic whip	1
84141	8' x 3/4" #8 ga. non-metallic whip	1
84143	10' x 3/4" #8 ga. non-metallic whip	1



Metallic Fittings

Non-metallic conduit with metallic fittings.

MARS NO.	DESCRIPTION	MARS PACK
84132	4' x 1/2" #10 ga. metallic whip UL	1
84134	4' x 3/4" #8 ga. metallic whip UL	1
84136	6' x 1/2" #10 ga. metallic whip UL	1
84138	6' x 3/4" #8 ga. metallic whip UL	1

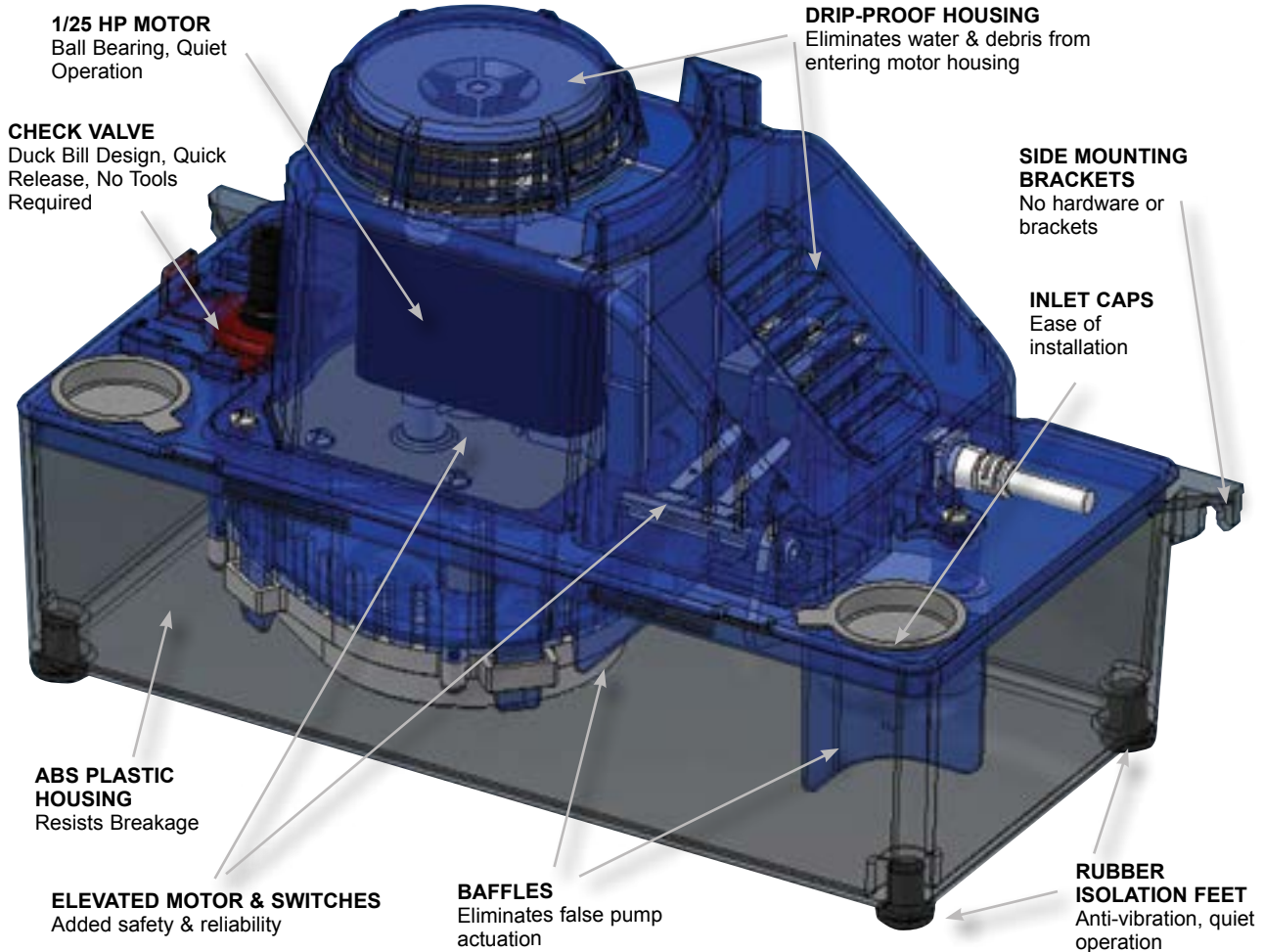
All Metallic

MARS NO.	DESCRIPTION	MARS PACK
84125	4' x 1/2" #10 ga. all metallic whip	1
84126	4' x 3/4" #8 ga. all metallic whip	1
84127	6' x 1/2" #10 ga. all metallic whip	1
84128	6' x 3/4" #8 ga. all metallic whip	1

The Most Powerful Pump

MARS Condensate Pump Features & Benefits

STAINLESS STEEL COMPONENTS – Resists Rust & Corrosion



24' Lift Pump

MARS NO.	DESCRIPTION
21780	115 V, 60 Hz, 0.91 Amps, 71 Watts 6' Cord, 3/8" Check Valve, Safety Switch Medium Reservoir
21781	115 V, 60 Hz, 0.91 Amps, 71 Watts 6' Cord, 3/8" Check Valve, Safety Switch 20' Tubing, Medium Reservoir
21782	230 V, 60 Hz, 0.6 Amps, 75 Watts 6' Cord, 3/8" Check Valve, Safety Switch Medium Reservoir
21783	230 V, 60 Hz, 0.6 Amps, 75 Watts 6' Cord, 3/8" Check Valve, Safety Switch 20' Tubing, Medium Reservoir

Check Valve Replacement

MARS NO.	DESCRIPTION
21787	Check Valve Replacement

Low Profile 22' Pump

MARS NO.	DESCRIPTION
21784	115 V, 60 Hz, 1.07 Amps, 67 Watts, Low Profile, 22' Lift 6' Cord, 3/8" Check Valve, Safety Switch Medium Reservoir
21785	230 V, 60 Hz, 0.53 Amps, 68 Watts, Low Profile, 22' Lift 6' Cord, 3/8" Check Valve, Safety Switch Medium Reservoir

16' Lift Pump

MARS NO.	DESCRIPTION
21786	115 V, 60 Hz, 0.75 Amps, 49 Watts, 16' Lift 6' Cord, 3/8" Check Valve, Safety Switch Medium Reservoir

MARS Corrugated Condensate Drain Line

MARS NO.	DESCRIPTION	MARS PACK
79127	5/8" Diameter x 20 ft long, Condensate Drain Line	1

Gotec Tattoo 10 Mini-Split Condensate Pump

With an ultra-quiet 16.4 dB sound rating, the Gotec Tattoo 10 mini-split condensate pumps are the quietest mini-split pumps available. Their small size permits easy installation in an evaporator, above the unit in the ceiling, or in the line-set cover.

Kit Includes – Pump, detection unit, connection tube, mounting plate, and mounting accessories.

Features & Benefits:

- Quietest mini-split pump available (16.4 dB)
- Silent operation (16.4 dB)
- 26 Ft lift
- 2.6 gal/h capacity
- Alarm (NO/NC 8A 230V)
- For use in systems up to 24,000 BTUs
- Designed and manufactured in Switzerland



MARS NO.	VOLTAGE	MODEL	SOUND LEVEL	MAX FLOW	PUMP DIMENSIONS	DETECTION UNIT DIMENSIONS (IN.)
21795	110	Tattoo 10	16.4 dB	2.6 gal/h	5.9 x 2.1 x 1.1	3.2 x 1.5 x 1.5
21796	230					

MARS Condensate Overflow Switches



MARS 21792 Designed for Auxiliary Drain Pans

- Prevents Condensate Overflow Damage Due to Clogged Drain Lines
- UL Listed
- Switch is Height Adjustable
- Easy Clip - Stainless Steel Bracket
- Switch Components are Sealed for Reliability
- 6' 18 AWG Lead Wires for Ease of Installation
- Replaces SS3
- Bracket Flood Prevention Switch

Cross Reference

MARS NO.	Rectorseal	Diversitech
21792	SS3	CS-3
21793	SS1	CS-1
21794	SS2	CS-2



MARS 21793 T - Fitting Designed for Primary or Auxiliary Drain Lines

- Prevents Condensate Overflow Damage Due to Clogged Drain Lines
- UL Listed
- Kit Includes Standard Tee and Elbow
- Also Includes 3/4" Adapter and Plug Fitting
- Float Cap is Easily Removed for Service / Clean-out
- 6' 18 AWG Lead Wires for Ease of Installation
- Sealed Switch for Reliability
- O-ring on float switch port provides leak-proof seal
- Replaces SS1
- Tee Flood Prevention Switch



MARS 21794 L - Fitting Designed for Primary Pan - Auxiliary Outlet

- Prevents Condensate Overflow Damage Due to Clogged Drain Lines
- UL Listed
- Kit Includes Elbow or L Fitting
- Float Cap is Easily Removed for Service / Clean-out
- 6' 18 AWG Lead Wires for Ease of Installation
- Sealed Switch for Reliability
- O-ring on float switch port provides leak-proof seal
- Replaces SS2
- Elbow Flood Prevention Switch

PolarPad™

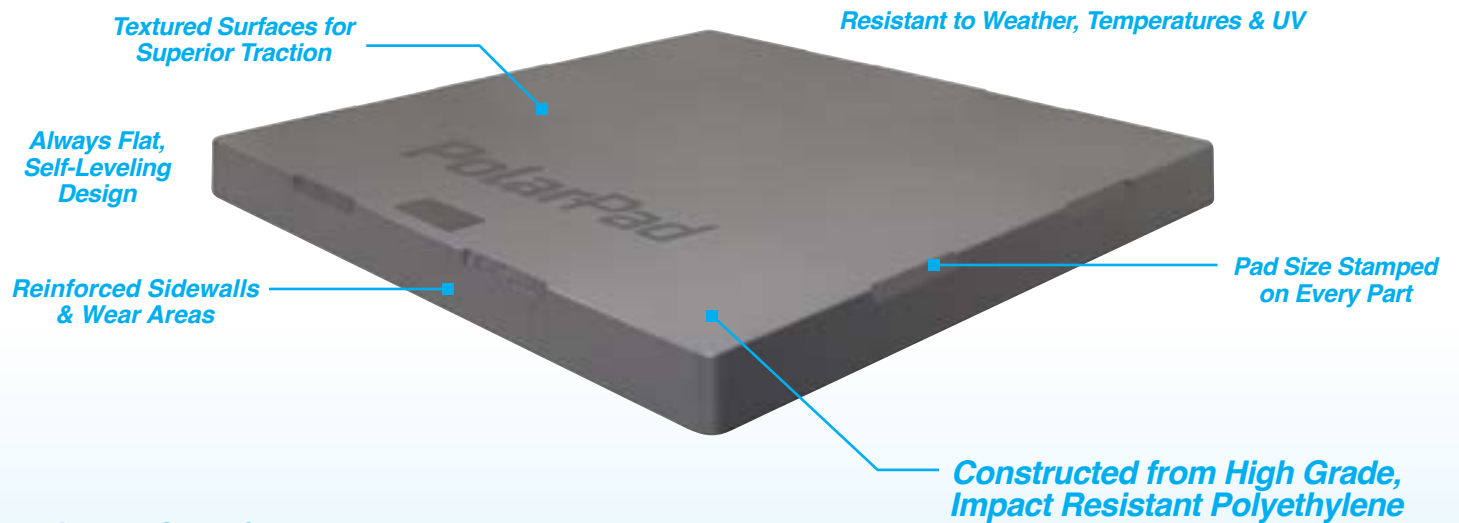
HEAVY DUTY HVAC PADS



RUGGED, RELIABLE & IMPACT RESISTANT...

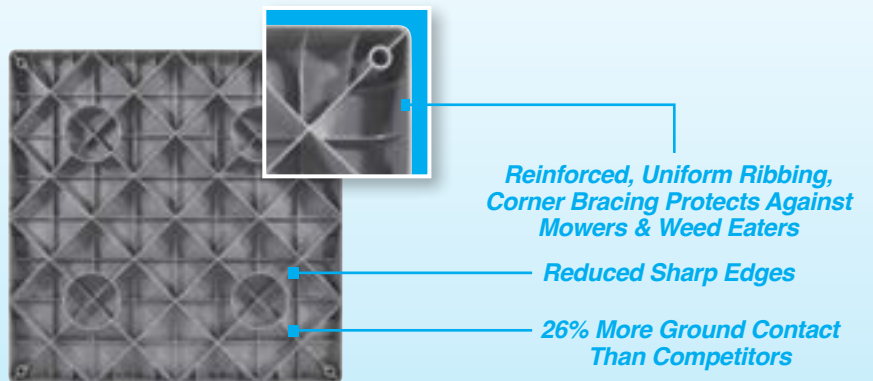
Start Strong with PolarPad

Condenser installations begin better with PolarPad. The PolarPad is a plastic pad engineered and designed as a base for HVAC equipment. The pad is injection molded from polyethylene, which is durable, strong, and lightweight. The unique design has strong, uniform ribbing along the underside. The pad is molded with a texture along the top for traction, and rounded edges on the sides to give a clean concrete look and feel.



Technical Specifications

- ❑ **Polyethylene Resin Resistance:**
 - refrigerants, oils, salt solutions, canine urine, and UV degradation
- ❑ **Service Temperature:**
 - -60°F to 180°F
- ❑ **Combustible Temperature:**
 - 662°F auto ignition
 - 649°F flash ignition
- ❑ **Polyethylene Resin Approvals:**
 - ASTM D4976 – PE233
 - FDA 21 CFR 177.1520[®] 3.2a (B-H per 21 CFR 176.170(c))



Unparalleled Durability, Perfectly Level, and 90% Lighter Than Concrete Pads... and That's Just the Tip of the Iceberg.





A LOT BELOW THE SURFACE...

Start Strong with PolarPad

The PolarPad Difference			
Superior Strength	✓	Self-Leveling	✓
Lightweight	✓	Resists Cracking	✓
UV Resistance	✓	Virgin Material	✓
Superior in Cold Weather	✓	Made with Polyethylene	✓
Superior Impact Resistance	✓	Always a Flat Part	✓
Reinforced Sidewalls	✓	Consistent Availability, Lead Times	✓
Superior Lifespan	✓	Consistent Coloring	✓

Multiple Sizes, Profiles

MARS No.		Size: W x L x H (in)	Pallet Quantity
GRAY	BLACK		
94760	94860	24 x 24 x 2	64
94765	94865	30 x 30 x 2	23
94762	94862	32 x 32 x 2	23
94773	94873	36 x 36 x 2	23
94740	94840	18 x 38 x 3	32
94777	94877	24 x 24 x 3	64
94778	94878	24 x 36 x 3	32
94729	94829	24 x 48 x 3	32
94784	94884	30 x 30 x 3	16
94764	94864	30 x 40 x 3	16
94787	94887	32 x 32 x 3	16
94792	94892	36 x 36 x 3	16
94794	94894	36 x 48 x 3	16
NEW 94793	NEW 94893	36 x 54 x 3	16
94791	94891	38 x 42 x 3	16
94795	94895	40 x 40 x 3	16
94796*	94896*	45 x 58 x 3	16
94798*	94898*	48 x 48 x 3	16
94756*	94856*	52 x 52 x 3	16

* These models will be available Q1 2025



Toll Free (800) 445-4155 • Fax (631) 348-7160
www.marsdelivers.com



Expanded Product Offering



Leak Lock®



Leak Lock® Joint Sealant Compound

Pipe Joint Sealant for all threaded material.
Great for: Water, Gasoline, Propane, Most Chemicals and All Refrigerants.



Leak Lock® Gold Joint Sealant Compound w/ PTFE

Pipe Joint Sealant for all threaded material.
Great for: Water, Gasoline, Propane, Most Chemicals and All Refrigerants.



Leak Lock® ADVANCED Specialty Sealant

Fast Setting, One Step Cement
All Weather Conditions, Works on Wet or Dry Pipe
Meets ASTM D2564

Leak Lock® PVC Cement

Fast Setting, One Step Cement
All Weather Conditions, Works on Wet or Dry Pipe
Meets ASTM D2564



Installation

FLAMELESS

TXV & Reversing Valve Installation Kit



HVAC Superpro™

Solderless Bonding
Bonds Copper, Aluminum and Brass in any Combination
Starts to set up in 20 seconds and forms a solid bond in 3 minutes
Rated to 1200psi and -65°F to 350°F



Solderless Bonding
Rated to 1200psi
450LBS Twisting Torque
-65°F to 350°F

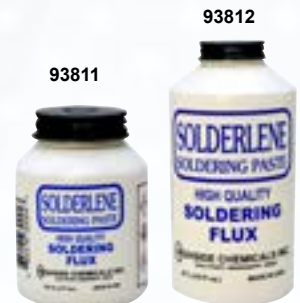
HEAT & TORCH

Heat Shield Gel™

Protect Heat Sensitive Components
No-Drip, Non-Toxic & Non-Corrosive Formula
Non-Staining w/ No Cleanup Required

Solderlene®

Self-Cleaning, Soldering Paste Flux
Good For Low & Mid Temperatures





Expanded Product Offering



Permanent Repair



93788

HVAC/R Instant Repair™

Permanently Seal Holes in ANY Metals or Rigid Plastics in 20 Seconds!
Full Cure in 20 Minutes-Rated @ 1800 PSI Contained Pressure
2 Part – 3 Step, As Easy as A-B-A



93806

Red Epoxy®

Permanently Seal Holes in ANY Metals or Rigid Plastics
Fast Repairs, Heat Cure in Minutes
Great for Use on: Aluminum & Copper Coils, Line Sets, Drain Pans & MORE

Protech Service Kits

INTERNAL SYSTEM SOLUTIONS

93794

93768



Acid Neutralizer® Injector Kit

Neutralizes Acid In AC & Refrigeration Systems
Compatible w/ All Refrigerants & Lubricants
No Solids or Residuals

93778

93777



R3 AC Leak Repair™ Injector Kit

Repair - Restore - Reveal
Non-Clogging & Not Activated by Moisture or Oxygen
Compatible w/ ALL Refrigerants & Lubricants

93791

93767



Trace 2® Injector kit

Bright Red, Fluorescent UV Dye
Compatible w/ ALL Refrigerants & Lubricants
Will NOT Sludge or Leave Gum Deposits

93766

93765



Thawzone® Injector Kit

Free a Frozen System in Minutes!
Does NOT Contain Solids or Methanol
Compatible w/ All Refrigerants & Lubricants

93792

93764



Pro-A™ Injector Kit

Keep Your System Running Longer
Increases System Lubricity by 1200%
Compatible w/ All Refrigerants & Lubricants

MARS Economy Furnace Mounting Blocks

- Holds furnace 2" off the floor
- Absorbs vibration, reduces noise
- Composite construction
- Peel & stick installation

MARS NO.	DESCRIPTION	MARS PACK
79085	Economy Furnace Mounting Blocks	12



MARS Heat Pump Risers

Heavy duty composite heat pump risers are available in 2 popular heights in a cost effective 1 piece design as well as a 2 piece terrain adaptable design.

Each riser includes factory installed built mastic patches on the top and bottom to absorb vibration and reduce noise.

MARS NO.	DESCRIPTION	MARS PACK
93600	3" 1 Piece Heat Pump Riser	48
93601	6" 1 Piece Heat Pump Riser	24
93602	3" 2 Piece Heat Pump Riser	32
93603	6" 2 Piece Heat Pump Riser	16
93604	4" Riser Extension	16
93639	Adjustable 5-3/4" to 7" Heat Pump Riser	



93600



93604



93602



93601



93639



93603

MARS Easy Leveler™ Adjustable Furnace Legs

- Includes 4 easy leveler legs & sheet metal screws
- Designed to level a furnace & air conditioning coil for proper drainage
- Proper leveling helps eliminate standing water, thus reducing bacteria
- Easily adjustable even after installation
- Legs can support up to 400 lbs.
- Adjustable from 2-3/4" to 4" height

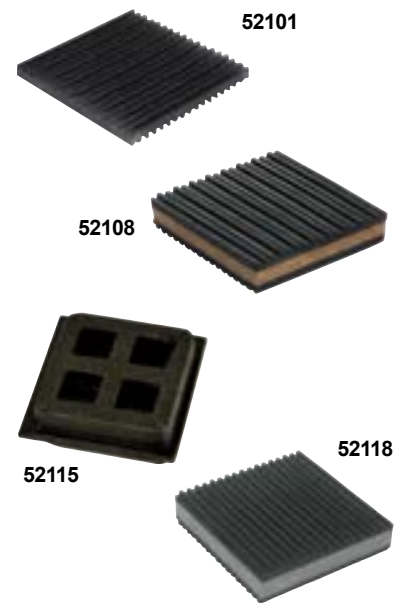
79095



Anti-Vibration Pads

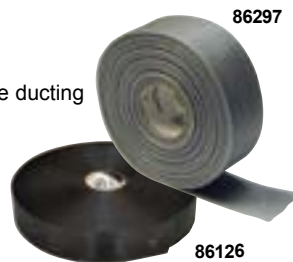
MARS offers a complete line of anti-vibration pads. These high quality rubber pads provide maximum loading of 60 lbs. per square inch. Anti-vibration pads can be used on any type of mechanical/ electrical machines such as pumps, motors, air conditioning units, generators, compressors, etc. The plain rubber pads have grooves on both sides. The cork rubber pads are the same but with the added advantage of reduction in sound level. The natural rubber Iso-Pads can be easily cut for odd sized dimensions under equipment legs and supports. The use of these pads eliminates the need for bolting down equipment to the floor. These Iso-Pads provide superior isolation, attenuation and vibration characteristics.

MARS NO.	DESCRIPTION	MARS PACK
52101	2" x 2" x 3/8" Rubber	1
52103	4" x 4" x 3/8" Rubber	1
52104	6" x 6" x 3/8" Rubber	1
52107	18" x 18" x 3/8" Rubber	1
52108	2" x 2" x 7/8" Cork/Rubber	1
52109	3" x 3" x 7/8" Cork/Rubber	1
52110	4" X 4" X 7/8" Cork/Rubber	1
52111	6" x 6" x 7/8" Cork/Rubber	1
52114	18" x 18" x 7/8" Cork/Rubber	1
52115	2" x 2" x 3/4" Iso-Pad	1
52116	4" x 4" x 3/4" Iso-Pad	1
52117	18" x 18" x 3/4" Iso-Pad	1
52119	2" x 2" x 7/8" Foam/Rubber	1
52118	4" x 4" x 7/8" Foam/Rubber	1
52120	6" x 6" x 7/8" Foam/Rubber	1
52122	18"x18"x7/8" Foam/Rubber	1



Polypropylene Web Duct Strap

- Designed for the hanging of flexible ducting
- Made of high tensile strength - 400 lbs. min. up to 460 lbs. max.
- Abrasion & chemical resistant
- Easy to cut & staple to joists
- UL 723 Flame and Smoke



MARS NO.	DESCRIPTION	MARS PACK
86126	Black 1-3/4" x 100 yds.	24
86296	Black 3" x 100 yds	8
86297	Silver 1-3/4" x 100 yds	24
86298	Silver 3" x 100 yds	8

MARS Duct Straps

- Versatile & suitable for a variety of applications
- Bent tip design is easy to pick up from flat surfaces and allows faster initial threading to speed installation
- Finely spaced gear rack allowing for exact adjustment ensuring a snug fit



MARS NO.	DESCRIPTION	MARS PACK
86128	36" Duct Strap, 175 lbs Up to 10" Duct, Natural	50

MARS Clear Vinyl Tubing

79131-36



MARS NO.	DESCRIPTION	CASE QTY
79131	1/4" ID clear tubing 32 PSI - .375 O.D.	100'
79132	3/8" ID clear tubing 27 PSI - .500 O.D.	100'
79133	1/2" ID clear tubing 24 PSI - .625 O.D.	100'
79134	5/8" ID clear tubing 21 PSI - .750 O.D.	100'
79135	3/4" ID clear tubing 19 PSI - .890 O.D.	100'
79136	7/8" ID clear tubing 16 PSI - 1.015 O.D.	50'

MARS Heavy Duty PVC Braided Line Tubing

79045-79049



- 41°F (5°C) to 140°F (60°C)

MARS NO.	DESCRIPTION	WORKING PRESSURE	BURST PRESSURE	CASE QTY.
79045	1/4" ID - .407 OD	120 PSI	360 PSI	50'
79046	3/8" ID - .532 OD	120 PSI	360 PSI	50'
79047	1/2" ID - .673 OD	90 PSI	270 PSI	50'
79048	5/8" ID - .822 OD	90 PSI	270 PSI	50'
79049	3/4" ID - .986 OD	90 PSI	270 PSI	50'



GATES V-Belt Product Offering

Hi-Power® II Belts

Gates Hi-Power II belts are engineered for classical applications. They have concave sidewalls to distribute wear evenly while providing proper belt support for improved service life. Flex-bonded cords and flex-weave covers make them the No. 1 choice for heavy-duty conventional V-belt drives. Hi-Power II belts also resist the effects of oil, heat, ozone, weather and aging while meeting RMA standards for static conductivity.

Truflex® V-Belts

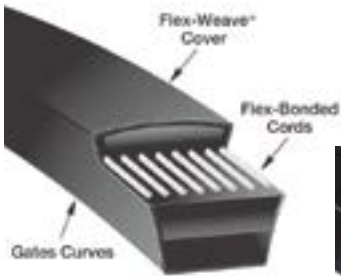
Gates Truflex® belts offer improved performance on light duty, fraction-all horsepower (FHP) V-belt drives. Their unique construction provides smooth, quiet operation with less vibration.

Tri-Power® Belts

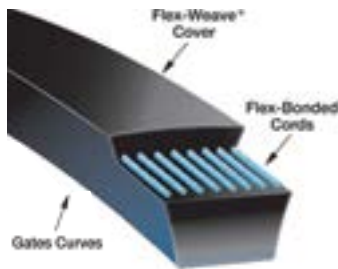
Constructed with Gates proprietary construction, this belt has a superior combination of flex and load carrying capacity, as well as less stretch resulting in less maintenance.

Gates Super HC® Molded Belts

Constructed with Gates proprietary construction, this belt has a superior combination of flex and load carrying capacity, as well as transmitting more horsepower than the classical cross sections in the same amount of drive space.



Hi-Power® II Belts



Truflex® V-Belts



Tri-Power® Belts



Gates Super HC® Molded Belts

MARS#	Desc.
3L Belts	
74103	3L170
74104	3L180
74105	3L190
74106	3L200
74107	3L210
74108	3L220
74109	3L230
74110	3L240
74111	3L250
74112	3L260

MARS#	Desc.
5L Belts	
74265	5L430
74267	5L450
74270	5L480
74275	5L530
74276	5L540
74277	5L550
74278	5L560
74279	5L570
74280	5L580
74289	5L670

MARS#	Desc.
A Belts	
74339	A35
74340	A36
74342	A38
74343	A39
74344	A40
74348	A44
74350	A46
74352	A48
74353	A49
74355	A51

MARS#	Desc.
B Belts	
74430	B38
74432	B40
74434	B42
74438	B46
74440	B48
74442	B50
74443	B51
74447	B55
74448	B56
74454	B62

MARS#	Desc.
4L Belts	
74157	4L190
74158	4L200
74159	4L210
74160	4L220
74162	4L230
74163	4L240
74164	4L250
74165	4L260
74166	4L270
74167	4L280

MARS#	Desc.
5VX Belts	
74697	5VX1120
74698	5VX1150
74699	5VX1180
74701	5VX1400
74712	5VX450
74713	5VX560
74715	5VX600
74702	5VX670
74703	5VX710
74708	5VX780

MARS#	Desc.
AX Belts	
74566	AX26
74554	AX32
74569	AX35
74570	AX36
74572	AX38
74573	AX40
74604	AX44
74577	AX46
74578	AX48

MARS#	Desc.
BX Belts	
74619	BX46
74620	BX48
74621	BX50
74607	BX51
74632	BX62
74635	BX66
74637	BX68
74638	BX70
74646	BX75
74643	BX81

MARS offers a full range of Gates Belts. For products not included above, visit www.marsdelivers.com or contact your local sales representative.



New Product With Competitive Price!



Goodyear – A Brand You Can Trust

The Goodyear Tire & Rubber Company has been a leading producer of rubber products since 1898. Now, Goodyear Belts introduces a re-engineered line of power transmission belts that meet or exceed the rigorous demands of today's toughest applications. These high-quality, purpose-built belts utilize refined engineering, synthetic materials and advanced manufacturing.

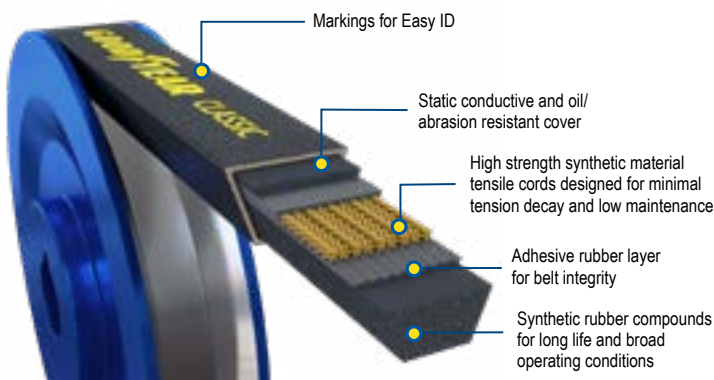
Goodyear belts are manufactured to stringent performance and quality standards to provide you with a durable solution and one that will maximize drive efficiency. Premium materials and state-of-the art processes ensure a robust product.



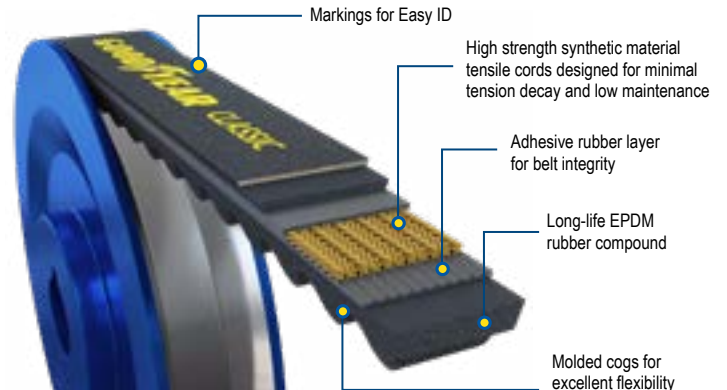
Features

- Designed and manufactured to eliminate need to retention if properly installed. The high strength synthetic tensile cords minimize tension decay
- Constructed using long-life EPDM rubber to ensure optimal operation even at high temperatures.
- Full range of standard wrapped, cogged, narrow, and FHP belts.
- Goodyear Classic A & B belts are dual branded with classic and FHP part numbers

Wrapped



Cogged



MARS#	Desc.
3L Belts	
75103	3L170
75104	3L180
75105	3L190
75106	3L200
75107	3L210
75108	3L220
75109	3L230
75110	3L240
75111	3L250
75112	3L260

MARS#	Desc.
5L Belts	
75265	5L430
75267	5L450
75270	5L480
75275	5L530
75276	5L540
75277	5L550
75278	5L560
75279	5L570
75280	5L580
75289	5L670

MARS#	Desc.
A Belts	
75339	A35
75340	A36
75342	A38
75343	A39
75344	A40
75348	A44
75350	A46
75352	A48
75353	A49
75355	A51

MARS#	Desc.
B Belts	
75430	B38
75432	B40
75434	B42
75438	B46
75440	B48
75442	B50
75443	B51
75447	B55
75448	B56
75454	B62

MARS#	Desc.
4L Belts	
75157	4L190
75158	4L200
75159	4L210
75160	4L220
75162	4L230
75163	4L240
75164	4L250
75165	4L260
75166	4L270
75167	4L280

MARS#	Desc.
5VX Belts	
75697	5VX1120
75698	5VX1150
75699	5VX1180
75701	5VX1400
75712	5VX450
75713	5VX560
75715	5VX600
75702	5VX670
75703	5VX710
75708	5VX780

MARS#	Desc.
AX Belts	
75566	AX26
75554	AX32
75569	AX35
75570	AX36
75572	AX38
75573	AX40
75604	AX44
75577	AX46
75578	AX48

MARS#	Desc.
BX Belts	
75619	BX46
75620	BX48
75621	BX50
75607	BX51
75632	BX62
75635	BX66
75637	BX68
75638	BX70
75646	BX75
74643	BX81

MARS offers a full range of Goodyear Belts. For products not included above, visit www.marsdelivers.com or contact your local sales representative.



For additional fuses see MARS Component, Service & Installation catalog

RK5 Time Delay Fuse 250V

Replaces: TR, ECNR, FRNR, FLNR

MARS NO.	DESCRIPTION	MARS PACK
81006	.5A - 250V	10
81009	1A - 250V	10
81016	2A - 250V	10
81017	2.5A - 250V	10
81019	3A - 250V	10
81020	3.2A - 250V	10
81021	4A - 250V	10
81024	5A - 250V	10
81025	5.6A - 250V	10
81026	6A - 250V	10
81027	6.25A - 250V	10
81029	7A - 250V	10
81030	8A - 250V	10
81032	10A - 250V	10
81033	12A - 250V	10
81034	15A - 250V	10
81035	17.5A - 250V	10
81036	20A - 250V	10
81037	25A - 250V	10
81038	30A - 250V	10
81039	35A - 250V	10
81040	40A - 250V	10
81041	45A - 250V	10
81042	50A - 250V	10
81043	60A - 250V	10
81044	70A - 250V	5
81045	80A - 250V	5
81046	90A - 250V	5
81047	100A - 250V	5
81048	110A - 250V	1
81049	125A - 250V	1
81050	150A - 250V	1
81051	175A - 250V	1
81052	200A - 250V	1
81053	225A - 250V	1
81054	350A - 250V	1
81056	400A - 250V	1
81055	600A - 250V	1

RK5 Time Delay Fuse 600V

Replaces: TRS, ECSR, FRSR, FLRS

MARS NO.	DESCRIPTION	MARS PACK
81103	.2A - 600V	10
81106	.5A - 600V	10
81109	1A - 600V	10
81110	1.6A - 600V	10
81111	2A - 600V	10
81112	2.25A - 600V	10
81124	5A - 600V	10
81125	6A - 600V	10
81132	10A - 600V	10
81133	12A - 600V	10
81134	15A - 600V	10
81136	20A - 600V	10
81137	25A - 600V	10
81138	30A - 600V	10
81139	35A - 600V	10
81140	40A - 600V	10
81147	45A - 600V	10
81141	50A - 600V	10
81142	60A - 600V	10
81143	70A - 600V	5
81144	80A - 600V	5
81145	90A - 600V	5
81146	100A - 600V	5
81154	110A - 600V	1
81148	125A - 600V	1
81149	150A - 600V	1
81150	175A - 600V	1
81151	200A - 600V	1
81152	250A - 600V	1
81153	300A - 600V	1



ATC Automotive Blade Type Fuse - Fast Acting UL Fuses

General Purpose Plastic Housing with Zinc Fuse Element

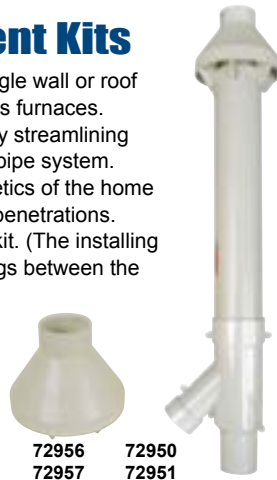
MARS NO.	DESCRIPTION	MARS PACK
82230	3A ATC Auto Blade-Type, Violet 32V DC	5
82231	5A ATC Auto Blade-Type, Tan 32V DC	5



MARS Concentric Vent Kits

MARS Concentric Vent Kits provide a single wall or roof penetration solution for high efficiency gas furnaces. Concentric vents save time and money by streamlining installation compared to the traditional 2 pipe system. Concentric vents also improve the aesthetics of the home by reducing the number of wall and roof penetrations. All necessary fittings are included in the kit. (The installing contractor needs to supply pipe and fittings between the furnace and concentric vent.)

- UL Approved
- Available in 2" and 3" kits
- Single Wall / Roof penetration
- White PVC



MARS NO.	DESCRIPTION
72950	2" Concentric Vent Kit
72951	3" Concentric Vent Kit
72956	2" Repl Cap for 72950
72957	3" Repl Cap for 72951

MARS Horizontal Vent Termination Kits

MARS Horizontal Vent Termination Kits are designed for use with high efficiency condensing gas furnaces. The kit provides a low profile means of terminating exterior PVC intake and exhaust wall penetrations.

- Low Profile Design
- Hides Vent Pipes for a clean and finished look
- Designed for use with High Efficiency Gas Furnaces
- Kit includes mounting hardware



MARS NO.	DESCRIPTION
72952	2" Horizontal Vent Termination Kit
72953	3" Horizontal Vent Termination Kit

Expanding Insulation Foam Sealing Products

Expanding insulation sealant is quick and easy to use. It expands to fill holes, cracks, gaps and voids around pipes, outlets, vents and foundations.



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
93268	Foam sealant 12 oz.	12	12
93267	Foam sealant 20 oz.	12	12

MARS Putty

MARS Putty is non-hardening, non-toxic and can be shaped by hand to any form, and reused if necessary, for plugging openings through foundations, sealing around electrical boxes, refrigeration tube entry and so much more.



Cross Reference

MARS No.	Bramec
93520	1003
93522	1004

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
93520	1 lb. Slug - Boxed	1	50
93521	5 lb. Slug - Boxed	1	10
93522	2 lb. Slug - Boxed	1	24

Heat Resistant Silicone



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
93255	Hi-Temp. silicone Red 10.1 oz.	12	12

Fireblock Foam Sealant

Fireblock Foam Sealant impedes the spread of fire and smoke through service penetrations. The foam has an identifiable orange color and can be delivered through stud walls. The insulating foam sealant can be used both indoors and outdoors so your whole property is covered.



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
93195	Fireblock Foam Sealant Orange 12 FL Oz	12	12

Truck And Equipment Tarps

MARS equipment tarps provide a durable blue protective covering for truck beds, construction material and contractors tools.

- Rust-proof aluminum grommets
- All edges heat-sealed and reinforced with woven polyethylene yarn for durability
- Waterproof and UV resistant



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
79115	8' x 10' blue tarp	1	20
79116	12' x 12' blue tarp	1	12

Multi Purpose Work Gloves

Sandy nitrile gloves that offer a superior grip for detailed work in wet and dry conditions.

FEATURES:



- Lightweight, 15 gauge liner provides increased dexterity
- Silicone & latex free
- Elastic knit wrist prevents dirt & debris from entering
- Protects hands from grease, oils, hydrocarbons & abrasions
- ANSI/ISEA Cut: A1
- CE SCORE: 3X31AX
- Use: warehouse, packaging, assembly, construction



MARS NO.	DESCRIPTION	MARS PACK
78959	MULTI PURPOSE WORK GLOVES - L PR	12
78960	MULTI PURPOSE WORK GLOVES - XL PR	12

Cut Protection Work Gloves

Sandy nitrile gloves that offer cut protection and a superior grip for work in wet and dry conditions.

FEATURES:



- HPPE/steel/fiberglass blend shell provides 360° cut resistance
- Lightweight, 18 gauge liner provides increased dexterity
- Elastic knit wrist prevents dirt & debris from entering
- Protects hands from grease, oils, hydrocarbons & abrasions
- ANSI/ISEA Cut: A6
- CE SCORE: 4X42FX
- Use: construction, HVAC, automotive, industrial



MARS NO.	DESCRIPTION	MARS PACK
78963	CUT PROTECTION WORK GLOVES- L PR	12
78964	CUT PROTECTION WORK GLOVES -XL PR	12

Construction Work Gloves

Sandy nitrile gloves that offer abrasion resistance and superior grip for work in we and dry conditions.

FEATURES:



- Lightweight, 18 gauge liner provides increased dexterity
- Breathable, comfortable & flexible for long wear
- Elastic knit wrist prevents dirt & debris from entering
- Protects hands from grease, oils, hydrocarbons & abrasions
- ANSI/ISEA Cut: A4
- CE SCORE: 4X42DX
- Use: warehouse, packaging, assembly, construction



MARS NO.	DESCRIPTION	MARS PACK
78961	CONSTRUCTION WORK GLOVES - L PR	12
78962	CONSTRUCTION WORK GLOVES - XL PR	12

Black Mamba Gloves

- Made with a patented NITREX® polymer
- Super strong (6.0 mils) powder free nitrile glove
- 3 times the chemical and puncture resistance of a comparable thickness latex or vinyl glove
- Grip rite finish for secure handling.



79200

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
79200	Black Nitrile Gloves – L 100/box	1	10
79138	Black Nitrile Gloves – XL 100/box	1	10

Rooftop Support Systems

Economy CX-Series

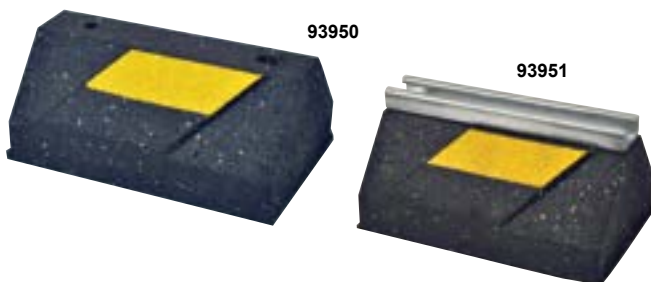
- Base only
- Material – 100% recycled rubber, UV resistant

CX Series rooftop support is designed as an economic alternative when a high load bearing is not required. They are perfect for supporting conduit or smaller pipe.

C-Series

- Material – 100% recycled rubber, UV resistant

C Series channel support is designed for superior support of gas and refrigeration piping systems, cable tray, electrical conduit multiple lines, HVAC equipment and many other applications.

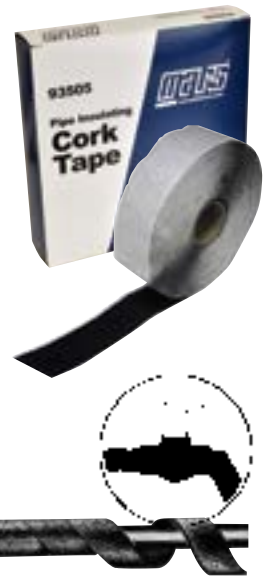


MARS NO.	DESCRIPTION	MARS PACK	Case Qty	MAX. Load
93950	CX-Series 4" H x 6" W x 9.6" L	1	240	500 lbs./ft.
93951	C-Series 4 7/8" H x 6" W x 9.6" L	1	200	700 lbs./ft.

MARS Cork Tape - 1/8" x 2" x 30' Roll

MARS Cork Tape is ozone resistant and specially designed for all types of climate. It insulates cold pipes for all kinds of air conditioners, freezers, and refrigerators. Cork Tape helps stop condensation problems. It is ideal for retarding heat gain in cold pipes and prevents heat loss in hot pipes. Can also be used for gasketing purposes. MARS Cork Tape sticks to all kinds of dry metals. This flexible tape seals tightly without drying. Temperature range: -20°F to 200°F / -29°C to 93°C.

Cork Tape is made from virgin cork specially imported from Portugal & Spain and has the following characteristics:



Thickness To Prevent Pipe Condensation

Ambient Temperature & %RH	Pipe Temperature	
	50°F (10°C)	32°F (0°C)
77°F (25°C) & 50% RH	Double Layer	Triple Layer
85°F (29°C) & 70% RH	Double Layer plus Double Layer	Triple Layer Plus Triple Layer

MARS NO.	DESCRIPTION	MARS PACK	Case Qty
93505	Cork Tape	1	12

MARS Foam Tape - 1/8" x 2" x 30' Roll

MARS Foam Tape is a self-adhering closed cell thermal insulation tape. This flexible tape is ideal for wrapping hot or cold pipe's and fittings. The energy saving and very easy to use Foam Tape is excellent for preventing condensation problems. MARS Foam Tape is designed for retarding heat loss in hot piping and preventing heat gain or frost formation on cold, chilled water piping or refrigerant lines. Adheres firmly to all metals. Temperature range: -20°F to 200°F / -29°C to 93°C.



Thickness To Prevent Pipe Condensation

Ambient Temperature & %RH	Pipe Temperature	
	50°F (10°C)	35°F (0°C)
80°F (27°C) & 50% RH	Single Layer	50% Overlap
85°F (30°C) & 70% RH	50% Overlap plus Single Layer	50% Overlap Plus 50% Overlap

MARS NO.	DESCRIPTION	MARS PACK	Case Qty
93506	Foam Tape	1	12

Dura-Ink® Fiber Tip Markers

- Larger ink supply, heavy duty metal barrel
- Water - resistant, fade - resistant
- Chisel tip makes fine lines or broad marks
- Meets Fed. Spec. TT-1- 544
- Use on cardboard, wood, metal, paper, ceramics, glass, etc.
- For identification of equipment



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
95500	Dura-Ink® #25 - Black	12	48
95516	Markal Dura-Ink® #25 Black Marker (2-pk)	1	24
95519	Dura-Ink® #15 - Black	1	36

Heat-Seal Stik®

- Fast repairs completed in 90 seconds
- One part epoxy, no mixing or measuring needed
- Stick melts, seals and cures in one operation
- Use on aluminum, copper and other metals, glass and ceramics
- Ideal for use on high and low side of refrigeration systems
- Sealing temperature : up to 350° F (177° C)
- Pressures: to 600 PSI (41 Bar)
- Made in USA



95430

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
95430	3/8 oz. stick, carded	12	12

Regular Flux Paste

- Super detergent action cleans as it solders
- Non-acid, non-toxic, lead free
- Contains no zinc chloride
- Use with all common soft solders including: tin-silver, 96/4, 94/6, 95/5, 50/50, 40/60 and 60/40
- For use on copper, brass, galvanized iron, lead, zinc, tin, silver, nickel, mild steel, terne plate, and malleable iron
- Meets Mil. Spec. Mil-F4995 Type II, Meets ASTM B813
- Water soluble for faster flushing from pipe lines
- Made in USA



95443

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
95441	2 oz	48	48
95443	4 oz. w/brushcap	48	48
95444	1 lb	24	24

Cool Gel - Heat Dissipating Spray

- Helps prevent heat damage to components and surrounding materials during soldering, brazing, and welding
- Unique gelled formula sticks to surfaces without dripping or running off
- Clear, non-staining gel leaves no residue, eliminating cleanup
- Safe, non-toxic, harmless to skin and odorless
- Saves time - by eliminating the costly disassembly of valves and other components before soldering, brazing or welding
- Protects the seals and seats in ball, dielectric, and solenoid valves
- Protects painted and finished surfaces from discoloration due to adjacent torch operations
- Protects soldered joints from loosening when soldering adjacent joints
- Made in USA



95536

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
95536	1 quart	12	12

Slic-Tite® Paste - Thread Sealants

- Contains more PTFE particles for greater sealing power
- Use on metal, PVC, CPVC, and ABS plastic pipe threads
- For sealing water, air, steam, natural gas, LP gas, refrigerants, ammonia, gasoline, and oil
- Do not use on Oxygen service, use thread seal tape or Oxytite® Paste
- Washes off hands and clothing easily
- Non-toxic, non-drying
- Sealing temperature range: -50° F to 500° F (-46° C to 260° C)
- Working pressures: 3,000 PSI (204 BAR) for Gas, 10,000 PSI (680 BAR) for liquids
- USDA approved for use in federally inspected meat and poultry plants.
- Made in USA



95402

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
95401	1/4 pt. w/ brushcap	24	24
95402	1/2 pt. w/ brushcap	24	24

Energizer Batteries - Blister Pack



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
79441	D cell - 2 pack	12	48
79442	C cell - 2 pack	12	48
79443	AA - 4 pack	12	48
79444	AAA - 4 pack	12	48
79445	9V - 2 pack	12	48

Energizer Industrial Alkaline - Bulk



MARS and the Energizer Battery Company offer a complete line of alkaline, general purpose and lantern batteries. These high quality batteries are made in the U.S.A. and are competitively priced.

The Energizer Industrial Alkaline batteries are environmentally safe and are mercury-free, designed for long-lasting power in high drain, frequent use applications. Batteries are sealed and have excellent leakage resistance and a long storage life. This provides a better discharge rate, lower impedance and better low temperature performance than carbon zinc. These ZMA alkaline batteries are also less sensitive to changes in the discharge rate or duty cycle.

79401



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
79401	D cell - 1.5V	12	72
79402	C cell - 1.5V	12	72
79403	AA - 1.5V	24	144
79404	AAA - 1.5V	24	144
79405	9V	12	72

Stainless Steel Vibration Absorbers

- 100% Copper connections
- Hose and copper braze welded
- Each unit dehydrated and vacuum tested
- Units individually packaged in poly bags and corrugate boxes
- UL, cUL, and CE



MARS NO.	DESCRIPTION	MARS PACK
52329	1/4" Vibration Absorber	1
52330	3/8" Vibration Absorber	1
52331	1/2" Vibration Absorber	1
52332	5/8" Vibration Absorber	1
52333	3/4" Vibration Absorber	1
52334	7/8" Vibration Absorber	1
52335	1-1/8" Vibration Absorber	1
52336	1-3/8" Vibration Absorber	1
52337	1-5/8" Vibration Absorber	1
52338	2-1/8" Vibration Absorber	1
52339	2-5/8" Vibration Absorber	1
52340	3-1/8" Vibration Absorber	1

Compressor Terminal Repair Kit

Zebra Instruments offers a compressor terminal repair kit. The terminals are high-temp soldered to the 10ga. fine strand, color coded wires for the best connection. These special terminals allow clearance for compressor post, and lay flat under the safety cover. Twist on wire nuts also provided.



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
08565	Compressor Terminal Repair Kit 1 set of 3, terminals/wires/connectors	1	24

Thermostat Guards

MARS thermostat guards are ideal for protecting thermostats in schools, industrial plants institutions, public facilities and other areas where unauthorized tampering could be a problem. These attractive units feature a rugged, light weight and compact design. All units supplied with key. Extra keys are available. Order part #70236 for the BTG thermostat guard key.



Thermostat Guards Cross Reference

MARS NO.	BEKO	D Teck	SUPCO
70201	BTG EK	585-TG5	BTG EK
70205	BTG K clear plastic	585-TG2	BTG K
70210	BTG RK clear plastic	585-TG1	BTG-RK
70215	BTG 54VL metal	585-TG7	BTG-54 VL
70216	BTG 54VLW hinged metal	585-TG8	BTG-54VLW
70217	BTG DK clear plastic	585-TG6	BTG-DK
70220	BTG UK2 clear plastic	585-TG	BTG-UK2
70223	BTG UM metal	585-TG3	BTG-UM
70224	BTG UWM hinged metal	585-TG4	BTG-UWM
70236	F336 key		

Plastic Thermostat Guards

MARS NO.	DESCRIPTION	BASE	MARS PACK	CASE QTY
70201	BTG-EK clear plastic cover	Solid	1	12
70205	BTG-K clear plastic cover	Dual	1	12
70210	BTG-RK clear plastic cover	Dual	1	12
70217	BTG-DK clear plastic	Dual	1	12
70220	BTG-UK2 clear plastic	Dual	1	12

Metal Thermostat Guards

MARS NO.	DESCRIPTION	BASE	MARS PACK	CASE QTY
70215	BTG-54VL metal hinged	Solid	1	12
70216	BTG-54VLW metal hinged	Ring	1	12
70223	BTG-UM metal	Solid	1	12
70224	BTG-UWM metal	Ring	1	12

Replacement Key

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
70236	F336, extra key for all BTG guards	1	1

3 Pole Mini-Split Disconnect Switch

Local codes require a disconnect switch to safely shut off power for indoor mini-split AC and Heat Pumps. The disconnect switch will break both power lines L1 and L2 along with the high voltage communicating line to meet local code requirements.

- UL 30 amp rated motor disconnect
- 3 pole
- 600V max



MARS NO.	DESCRIPTION	MARS PACK	CASE QTY
84711	30A-600V 3 Pole 3Ph AC Motor Switch(Bulk)	1	100

MARS Flexible Mini-Split Line Set Connectors

MARS flexible line set connectors provide ease of installation for mini-split indoor evaporator units. Flexible line sets allow for line set connection prior to mounting the unit on the wall. Flexible line sets eliminate copper line kinking during the installation process and provide for future ease of service of the AC unit. All flex line sets are 36in. in length to facilitate installation of wall mount evaporators.

Features:

- High pressure stainless steel braided line rated to 800 psi
- R410a compatible
- 3 inch copper stubs
- 36 inch overall length



MARS NO.	DESCRIPTION	CASE QTY
52345	1/4" X 36" Mini Split Flex Line Set	1
52346	3/8" X 36" Mini Split Flex Line Set	1
52347	1/2" X 36" Mini Split Flex Line Set	1
52348	5/8" X 36" Mini Split Flex Line Set	1

MARS Mini-Split Run Capacitors

MARS mini-split motor run capacitors are epoxy/resin sealed and widely used as the start-up and/or run capacitor for your motor. They feature very small dissipation factor and inherent temperature rise, high insulation resistance, and stable capacitance.

Technical Specification:

- Ambient temperature: 70° C
- Rated voltage: 450 VAC
- Capacitance tolerance: ±5
- 50/60 Hz
- Standard: IEC252-2001



MARS NO.	DESCRIPTION	DIMENSIONS		
		H	D	W
12380	1 MFD X 450V	1-1/2	X 1/2	X 1
12381	1.5 MFD X 450V	1-1/2	X 1/2	X 1
12382	2 MFD X 450V	1-1/2	X 1/2	X 1
12383	2.5 MFD X 450V	1-1/2	X 3/4	X 1-1/4
12384	3 MFD X 450V	1-1/2	X 3/4	X 1-1/4
12385	3.5 MFD X 450V	1-7/8	X 3/4	X 1-3/8
12386	4 MFD X 450V	1-7/8	X 3/4	X 1-3/8
12388	5 MFD X 450V	1-7/8	X 7/8	X 1-3/8
12390	6 MFD X 450V	1-7/8	X 1	X 1-1/2

MARS Universal Remote Control for Mini-Split Units

MARS Universal Remote will operate with virtually any mini-split produced in any region of the world. Programming is accomplished by inputting your mini-split brand code or use the easy and intuitive self learn mode to set-up the remote to operate your mini-split. Operates with 2 AAA batteries.

- One touch function with LCD display
- Celsius or fahrenheit display
- Clock display
- 24 Hr. on/off timer for energy savings
- Displays room temperature
- Energy saver feature
- Automatically determines heat or cool mode



MARS NO.	DESCRIPTION	MARS PACK
65775	Mini-Split Universal Remote	1



MARS USA Motor Run Capacitors

SINGLE SECTION

MARS NO.	DESCRIPTION
Oval 370V	
14002	2 MFD 370V OVL
14003	3 MFD 370V OVL
14004	4 MFD 370V OVL
14005	5 MFD 370V OVL
14006	6 MFD 370V OVL
14007	7.5 MFD 370V OVL
14008	10 MFD 370V OVL
14009	12.5 MFD 370V OVL
14010	15 MFD 370V OVL
14012	17.5 MFD 370V OVL
14014	20 MFD 370V OVL
14015	25 MFD 370V OVL
14017	30 MFD 370V OVL
14018	35 MFD 370V OVL
14021	40 MFD 370V OVL
14023	45 MFD 370V OVL
14025	50 MFD 370V OVL
14024	55 MFD 370V OVL
14087	60 MFD 370V OVL
14089	70 MFD 370V OVL
14090	80 MFD 370V OVL

Oval 440/370V

14026	2 MFD 440/370V OVL
14027	3 MFD 440/370V OVL
14028	4 MFD 440/370V OVL
14029	5 MFD 440/370V OVL
14030	6 MFD 440/370V OVL
14031	7.5 MFD 440/370V OVL
14032	10 MFD 440/370V OVL
14033	12.5 MFD 440/370V OVL
14034	15 MFD 440/370V OVL
14036	17.5 MFD 440/370V OVL
14037	20 MFD 440/370V OVL
14040	25 MFD 440/370V OVL
14041	30 MFD 440/370V OVL
14043	35 MFD 440/370V OVL
14045	40 MFD 440/370V OVL
14048	45 MFD 440/370V OVL
14049	50 MFD 440/370V OVL
14050	55 MFD 440/370V OVL
14051	60 MFD 440/370V OVL
14130	70 MFD 440/370V OVL
14140	80 MFD 440/370V OVL

SINGLE SECTION

MARS NO.	DESCRIPTION
Round 370V	
14095	5 MFD 370V RND
14098	10 MFD 370V RND
14099	12.5 MFD 370V RND
14210	15 MFD 370V RND
14212	17.5 MFD 370V RND
14214	20 MFD 370V RND
14215	25 MFD 370V RND
14217	30 MFD 370V RND
14218	35 MFD 370V RND
14821	40 MFD 370V RND
14823	45 MFD 370V RND
14225	50 MFD 370V RND
14226	55 MFD 370V RND
14227	60 MFD 370V RND
14128	65 MFD 370V RND
14229	70 MFD 370V RND
14199	80 MFD 370V RND
14116	100 MFD 370V RND

Round 440/370V

14102	2 MFD 440/370V RND
14103	3 MFD 440/370V RND
14104	4 MFD 440/370V RND
14105	5 MFD 440/370V RND
14106	6 MFD 440/370V RND
14107	7.5 MFD 440/370V RND
14232	10 MFD 440/370V RND
14833	12.5 MFD 440/370V RND
14234	15 MFD 440/370V RND
14237	20 MFD 440/370V RND
14240	25 MFD 440/370V RND
14241	30 MFD 440/370V RND
14243	35 MFD 440/370V RND
14245	40 MFD 440/370V RND
14248	45 MFD 440/370V RND
14251	50 MFD 440/370V RND
14252	55 MFD 440/370V RND
14254	60 MFD 440/370V RND
14256	65 MFD 440/370V RND
14258	70 MFD 440/370V RND
14259	80 MFD 440/370V RND

DUAL SECTION

MARS NO.	DESCRIPTION
Oval 370V	
14063	20/5 MFD 370V OVL
14066	25/5 MFD 370V OVL
14069	30/5 MFD 370V OVL
14072	35/5 MFD 370V OVL
14171	40/5 MFD 370V OVL
14174	45/5 MFD 370V OVL

Round 370V

14260	20/5 MFD 370V RND
14208	20/10 MFD 370V RND
14261	25/5 MFD 370V RND
14213	25/10 MFD 370V RND
14244	30/3 MFD 370V RND
14263	30/4 MFD 370V RND
14082	35/3 MFD 370V RND
14131	35/4 MFD 370V RND
14264	30/5 MFD 370V RND
14266	35/5 MFD 370V RND
14238	35/10 MFD 370V RND
14178	40/5 MFD 370V RND
14268	40/7.5 MFD 370V RND
14246	40/10 MFD 370V RND
14073	45/3 MFD 370V RND
14269	45/5 MFD 370V RND
14249	45/7.5 MFD 370V RND
14250	45/10 MFD 370V RND
14075	50/3 MFD 370V RND
14191	50/5 MFD 370V RND
14192	50/7.5 MFD 370V RND
14239	50/10 MFD 370V RND
14193	55/5MFD 370V RND
14194	55/7.5 MFD 370V RND
14195	60/5 MFD 370V RND
14196	60/7.5 MFD 370V RND
14265	60/10 MFD 370V RND
14042	65/5 MFD 370V RND
14053	70/5 MFD 370V RND
14054	70/7.5 MFD 370V RND
14197	80/5 MFD 370V RND
14198	80/7.5 MFD 370V RND
14201	80/10 MFD 370V RND

DUAL SECTION

MARS NO.	DESCRIPTION
Oval 440/370V	
14170	10/10 MFD 440/370V OVL
14184	25/5 MFD 440/370V OVL
14187	30/5 MFD 440/370V OVL
14085	35/3 MFD 440/370V OVL
14185	35/5 MFD 440/370V OVL
14188	35/7.5 MFD 440/370V OVL
14086	40/5 MFD 440/370V OVL
14189	40/7.5MFD 440/370V OVL
14190	45/5 MFD 440/370V OVL
14274	45/7.5 MFD 440/370V OVL
14275	55/5 MFD 440/370V OVL
14297	80/5 MFD 440/370V OVL
14298	80/7.5MFD 440/370 OVL

Round 440/370V

14115	20/5 MFD 440/370V RND
14353	25/3 MFD 440/370V RND
14278	25/5 MFD 440/370V RND
14279	25/7.5 MFD 440/370 RND
14113	25/10 MFD 440/370V RND
14126	30/3 MFD 440/370V RND
14281	30/5 MFD 440/370V RND
14282	30/7.5 MFD 440/370V RND
14352	30/10 MFD 440/370V RND
14077	35/3 MFD 440/370V RND
14070	35/4 MFD 440/370V RND
14283	35/5 MFD 440/370V RND
14284	35/7.5 MFD 440/370V RND
14091	35/10 MFD 440/370V RND
14078	40/3 MFD 440/370V RND
14286	40/5 MFD 440/370V RND
14287	40/7.5 MFD 440/370V RND
14088	40/10 MFD 440/370V RND
14079	45/3 MFD 440/370V RND
14288	45/5 MFD 440/370V RND
14289	45/7.5 MFD 440/370V RND
14172	45/10 MFD 440/370V RND
14290	50/5 MFD 440/370V RND
14291	50/7.5 MFD 440/370V RND
14124	50/10 MFD 440/370V RND
14299	55/10 MFD 440/370V RND
14292	55/5 MFD 440/370V RND
14293	55/7.5 MFD 440/370V RND
14294	60/5 MFD 440/370V RND
14295	60/7.5 MFD 440/370V RND
14296	60/10 MFD 440/370V RND
14358	65/5 MFD 440/370V RND
14359	65/7.5 MFD 440/370V RND
14162	65/10 MFD 440/370V RND
14255	70/5 MFD 440/370V RND
14166	70/7.5 MFD 440/370V RND
14169	70/10 MFD 440/370V RND
14168	75/5 MFD 440/370V RND
14125	75/7.5 MFD 440/370V RND
14027	75/10MFD 440/370V RND
14257	80/5 MFD 440/370V RND
14216	80/7.5 MFD 440/370V RND
14117	80/10 MFD 440/370V RND



JARD Run Capacitors

SINGLE SECTION	
370 Volt Oval	
MARS No.	Microfarad
12902	2
12903	3
12904	4
12905	5
12906	6
12907	7.5
12908	10
12909	12.5
12910	15
12912	17.5
12914	20
12915	25
12917	30
12918	35
12921	40
12923	45
12925	50
12924	55
12987	60
12988	65
12989	70
12990	80

SINGLE SECTION	
440 Volt Oval	
MARS No.	Microfarad
12926	2
12919	2.5
12927	3
12928	4
12929	5
12930	6
12931	7.5
12932	10
12933	12.5
12934	15
12936	17.5
12937	20
12940	25
12941	30
12943	35
12945	40
12948	45
12949	50
12950	55
12951	60
12952	65
12830	70
12831	75
12840	80

SINGLE SECTION	
370 Volt Round	
MARS No.	Microfarad
12992	2
12993	3
12994	4
12995	5
12996	6
12997	7.5
12998	10
12999	12.5
12710	15
12911	16
12712	17.5
12714	20
12715	25
12717	30
12718	35
12721	40
12723	45
12725	50
12726	55
12727	60
12828	65
12729	70
12899	75
12916	100

SINGLE SECTION	
440 Volt Round	
MARS No.	Microfarad
12802	2
12803	3
12804	4
12805	5
12806	6
12807	7.5
12732	10
12733	12.5
12734	15
12736	17.5
12737	20
12740	25
12741	30
12743	35
12745	40
12748	45
12751	50
12752	55
12754	60
12657	65
12758	70
12759	80
12868	90

DUAL SECTION	
370 Volt Oval	
MARS No.	Microfarad
12841	15/3
12956	15/4
12957	15/5
12958	15/10
12959	17.5/4
12960	17.5/5
12961	20/3
12962	20/4
12963	20/5
12864	20/10
12964	20/15
12842	25/3
12965	25/4
12966	25/5
12843	25/7.5
12832	25/8
12867	25/10
12833	25/15
12844	30/3
12845	30/4
12969	30/5
12846	30/7.5
12847	30/10
12848	35/3
12971	35/4
12972	35/5
12849	35/7.5
12850	35/10
12851	40/3
12858	40/4
12871	40/5
12852	40/7.5
12834	40/10
12874	45/5
12853	45/7.5
12836	45/10
12837	45/15
12838	50/5
12854	55/5
12855	55/7.5
12839	60/5
12856	60/7.5
12857	60/10
12859	65/5
12863	80/5
12817	80/7.5

DUAL SECTION	
440 Volt Oval	
MARS No.	Microfarad
12660	5/5
12765	10/5
12770	15/4
12771	15/5
12777	15/10
12880	20/5
12983	20/15
12884	25/5
12882	25/7.5
12883	25/10
12886	25/15
12881	30/4
12887	30/5
12982	30/7.5
12835	30/10
12985	35/3
12879	35/4
12885	35/5
12888	35/7.5
12876	35/8.5
12772	35/10
12877	40/3
12986	40/5
12889	40/7.5
12773	40/10
12890	45/5
12774	45/7.5
12808	50/5
12913	50/7.5
12775	55/5
12822	55/10
12809	60/5
12776	60/7.5
12810	65/10
12815	80/5
12898	80/7.5

DUAL SECTION	
370 Volt Round	
MARS No.	Microfarad
12701	15/3
12702	15/4
12703	15/5
12704	15/10
12705	17.5/4
12706	17.5/5
12707	20/4
12760	20/5
12716	20/7.5
12708	20/10
12709	20/15
12711	25/3
12875	25/4
12761	25/5
12762	25/7.5
12713	25/10
12720	30/3
12763	30/4
12764	30/5
12724	30/7.5
12728	30/10
12939	30/15
12730	35/3
12731	35/4
12766	35/5
12735	35/7.5
12738	35/10
12739	40/3
12767	40/4
12878	40/5
12768	40/7.5
12746	40/10
12747	45/3
12947	45/4
12769	45/5
12749	45/7.5
12750	45/10
12753	50/3
12755	50/5
12825	50/7.5
12757	50/10
12893	55/5
12894	55/7.5
12967	55/10
12976	60/3
12895	60/5
12896	60/7.5
12865	60/10
12742	65/5
12953	70/5
12954	70/7.5
12955	70/10
12744	75/5
12946	75/7.5
12984	75/10
12897	80/5
12819	80/7.5
12824	80/10
12722	80/12.5
12829	85/5
12756	85/7.5
12922	85/10

DUAL SECTION	
440 Volt Round	
MARS No.	Microfarad
12811	10/5
12818	15/5
12656	15/10
12650	17.5/5
12780	20/5
12654	20/7.5
12651	20/10
12812	20/15
12653	25/3
12655	25/4
12778	25/5
12779	25/7.5
12813	25/10
12814	25/15
12826	30/3
12820	30/4
12781	30/5
12782	30/7.5
12652	30/10
12977	35/3
12870	35/4
12783	35/5
12719	35/6
12784	35/7.5
12797	35/10
12978	40/3
12785	40/4
12786	40/5
12920	40/6
12787	40/7.5
12798	40/10
12979	45/3
12891	45/4
12788	45/5
12827	45/6
12789	45/7.5
12872	45/10
12790	50/5
12791	50/7.5
12892	50/10
12719	50/12.5
12792	55/5
12793	55/7.5
12799	55/10
12860	60/3
12794	60/5
12795	60/7.5
12796	60/10
12861	60/12.5
12642	65/5
12659	65/7.5
12862	65/10
12823	70/5
12866	70/7.5
12869	70/10
12968	75/5
12901	75/7.5
12935	75/10
12801	80/5
12816	80/7.5
12821	80/10
12938	85/5
12942	85/7.5
12944	85/10



Upgraded Design and 2 Year Warranty!

AMRAD USA MADE CAPACITORS



Over 80 years of quality, reliability and durability

- 5 Year Warranty
- Made in the USA
- Rust free all brass terminals
- The **ONLY** motor-run capacitors with CPT®



Compressor Protector Terminal (CPT®)

CPT® acts as a kill switch between a hard-start and compressor in the event of a failed run capacitor; preventing damage and possible compressor failure.

Single Capacitance 440/370 Volt Oval

AMRAD USA NO.	DESCRIPTION	DIMENSIONS (WIDTH x DEPTH x HEIGHT)	INCLUDES CPT®
USA2027	3 MFD 440/370V OVL	2" x 1.25" x 2"	NO
USA2028	4 MFD 440/370V OVL	2" x 1.25" x 2"	NO
USA2029	5 MFD 440/370V OVL	2" x 1.25" x 2"	NO
USA2030	6 MFD 440/370V OVL	2" x 1.25" x 2"	NO
USA2031	7.5 MFD 440/370V OVL	2" x 1.25" x 2"	NO
USA2035	10 MFD 440/370V OVL	2" x 1.25" x 3"	NO
USA2037	12.5 MFD 440/370V OVL	2" x 1.25" x 3"	NO
USA2034	15 MFD 440/370V OVL	2" x 1.25" x 3"	NO
USA2260	20 MFD 440/370V OVL	2.25" x 1.25" x 4.25"	NO
USA2040	25 MFD 440/370V OVL	2.25" x 1.25" x 4.25"	NO

Single Capacitance 440/370 Volt Round

AMRAD USA NO.	DESCRIPTION	DIMENSIONS (DIAMETER x HEIGHT)	INCLUDES CPT®
USA2204	5 MFD 440/370V RND	1.75" x 2.75"	NO
USA2206	7.5 MFD 440/370V RND	1.75" x 2.75"	NO
USA2207	10 MFD 440/370V RND	1.75" x 2.75"	NO
USA2208	12.5 MFD 440/370V RND	1.75" x 2.75"	NO
USA2209	15 MFD 440/370V RND	1.75" x 2.75"	NO
USA2211	20 MFD 440/370V RND	1.75" x 3.25"	NO
USA2212	25 MFD 440/370V RND	1.75" x 4.25"	NO
USA2213	30 MFD 440/370V RND	1.75" x 4.25"	NO
USA2214	35 MFD 440/370V RND	1.75" x 4.25"	NO
USA2215	40 MFD 440/370V RND	2.0" x 4.5"	YES
USA2216	45 MFD 440/370V RND	2.25" x 4.5"	YES
USA2217	50 MFD 440/370V RND	2.5" x 4.5"	YES
USA2218	55 MFD 440/370V RND	2.5" x 4.5"	YES
USA2219	60 MFD 440/370V RND	2.5" x 4.5"	YES
USA2220	65 MFD 440/370V RND	2.5" x 4.5"	YES
USA2228	70 MFD 440/370V RND	2.5" x 4.5"	YES
USA2229	80 MFD 440/370V RND	2.5" x 4.5"	YES

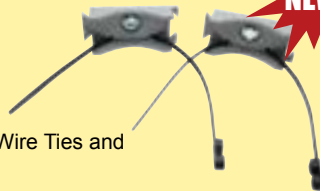
Dual Capacitance 440/370 Volt Round

AMRAD USA NO.	DESCRIPTION	DIMENSIONS (DIAMETER x HEIGHT)	INCLUDES CPT®
USA2224A	20/3 MFD 440/370V RND	2.0" x 4.5"	YES
USA2224	20/4 MFD 440/370V RND	2.0" x 4.5"	YES
USA2222	20/5 MFD 440/370V RND	2.0" x 4.5"	YES
USA2224BA	25/3 MFD 440/370V RND	2.0" x 4.5"	YES
USA2225	25/5 MFD 440/370V RND	2.0" x 4.5"	YES
USA2225B	25/7.5 MFD 440/370V RND	2.0" x 4.5"	YES
USA2227BA	30/3 MFD 440/370V RND	2.0" x 4.5"	YES
USA2226	30/5 MFD 440/370V RND	2.0" x 4.5"	YES
USA2272B	30/7.5 MFD 440/370V RND	2.0" x 4.5"	YES
USA2226BA	35/3 MFD 440/370V RND	2.0" x 4.5"	YES
USA2227	35/5 MFD 440/370V RND	2.0" x 4.5"	YES
USA2291	35/7.5 MFD 440/370V RND	2.25" x 4.5"	YES
USA2227B	35/10 MFD 440/370V RND	2.25" x 4.5"	YES
USA2274	40/3 MFD 440/370V RND	2.25" x 4.5"	YES
USA2235	40/5 MFD 440/370V RND	2.25" x 4.5"	YES
USA2232	40/7.5 MFD 440/370V RND	2.25" x 4.5"	YES
USA2232A	40/10 MFD 440/370V RND	2.5" x 4.5"	YES
USA2236A	45/3 MFD 440/370V RND	2.25" x 4.5"	YES
USA2236	45/5 MFD 440/370V RND	2.25" x 4.5"	YES
USA2233	45/7.5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2234	45/10 MFD 440/370V RND	2.5" x 4.5"	YES
USA2237A	50/3 MFD 440/370V RND	2.5" x 4.5"	YES
USA2237	50/5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2238	50/7.5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2240	55/5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2218A	55/7.5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2218BA	55/10 MFD 440/370V RND	2.5" x 4.5"	YES
USA2220B	60/5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2221B	60/7.5 MFD 440/370V RND	2.5" x 4.5"	YES
USA2221BA	60/10 MFD 440/370V RND	2.5" x 4.5"	YES
USA2221	70/5 MFD 440/370V RND	2.5" x 6.0"	YES
USA2222A	70/7.5 MFD 440/370V RND	2.5" x 6.0"	YES
USA2220BA	70/10 MFD 440/370V RND	2.5" x 6.0"	YES
USA2222B	75/5 MFD 440/370V RND	2.5" x 6.0"	YES
USA2222BA	80/5 MFD 440/370V RND	2.5" x 6.0"	YES
USA2223B	80/7.5 MFD 440/370V RND	2.5" x 6.0"	YES
USA2223BA	80/10 MFD 440/370V RND	2.5" x 6.0"	YES

AmRad Universal Capacitor Mount

Works with all capacitor types.

- Made in the USA • Easy to install
- Made with plastic material
- Holds capacitor in place securely
- Includes: 2 Brackets, 2 Screws, 2 Wire Ties and adhesive for extra security



NEW

MARS NO.	DESCRIPTION	QTY	CASE QTY
12800	Universal Capacitor Mount 2/pk	1	50



The Turbo Family of Products

Have The Right Capacitor and Hardstart For The Job... Every Time.
Perfect Solution For Off Hour Emergency Service Calls.



Scan for video.

Made in the USA

Made with Premium Components

Includes CPT®

CPT® on 12200 and 12300 protects compressor in event of a capacitor failure. CPT® Fuse Wire on 12600 and 12700 protects compressor in the event of a relay failure.

MARS NO.	DESCRIPTION	MICROFARAD	VOLTAGE	WARRANTY
12100	Turbo 200® Mini	2.5 MFD - 15 MFD	370V or 440V	5 years
12500	Turbo 200® Mini - Oval	2.5 MFD - 15 MFD	370V or 440V	5 years
12200	Turbo 200® with CPT®	2.5 MFD - 67.5 MFD	370V or 440V	5 years
12300	Turbo 200®X with CPT®	5.0 MFD - 97.5 MFD	370V or 440V	5 years
11200*	Turbolytic® 50	23 MFD - 302 MFD	125V to 330V	5 years
11100*	Turbolytic® JR	23 MFD - 208 MFD	125V to 330V	5 years
12600	Turbo Easy-Start® 5 with CPT® Fuse Wire	Up to 1 ton 108 - 130 MFD 1 to 2 tons 189 - 227 MFD 2.5 to 3 tons 233 - 280 MFD 3.5 to 5 tons 270 - 324 MFD	Up to 330V	5 years
12700**	Turbo Easy-Start® 5 EXT with External Potential Relay and CPT® Fuse Wire	Up to 1 ton 108 - 130 MFD 1 to 2 tons 189 - 227 MFD 2.5 to 3 tons 233 - 280 MFD 3.5 to 5 tons 270 - 324 MFD	Up to 330V	3 years

* New smaller can size

** New Turbo® product



Toll Free (800) 445-4155 • Fax (631) 348-7160
www.marsdelivers.com



MARS Definite Purpose Contactors

The most complete range of DP contactors available.



Aftermarket Grade

Time Tested and Trusted

- Designed for residential AC aftermarket applications
- Competitively priced



MARS 910 - OEM Grade

Built To Standards Required by Major OEMs

- Designed with the features and lifespan required by OEMs
- Robust enough to be used in all applications



MARS 780 - Professional Grade

The Best Contactor Available On The Market

- Highest quality, longest lasting, and most feature rich DP contactor available
- Designed for maximum lifespan, even in the most demanding refrigeration applications



The *MARS* 780 Series



61720



61430



61445

MARS NO.	POLES	FULL LOAD AMPS	COIL VOLTAGE	A2L COMPLIANT	WIRE TERMINATION
61320	1.5	30	24	–	Quick Connect & Screw Terminals
61321	1.5	30	120	–	Quick Connect & Screw Terminals
61322	1.5	30	208-240	–	Quick Connect & Screw Terminals
61720	1.5	30	24	–	Quick Connect & Box Lugs
61721	1.5	30	120	–	Quick Connect & Box Lugs
61722	1.5	30	208-240	–	Quick Connect & Box Lugs
61730	1.5	40	24	–	Quick Connect & Box Lugs
61731	1.5	40	120	–	Quick Connect & Box Lugs
61732	1.5	40	208-240	–	Quick Connect & Box Lugs
61345	2	30	24	–	Quick Connect & Screw Terminals
61346	2	30	120	–	Quick Connect & Screw Terminals
61347	2	30	208-240	–	Quick Connect & Screw Terminals
61745	2	30	24	–	Quick Connect & Box Lugs
61746	2	30	120	–	Quick Connect & Box Lugs
61747	2	30	208-240	–	Quick Connect & Box Lugs
61755	2	40	24	–	Quick Connect & Box Lugs
61756	2	40	120	–	Quick Connect & Box Lugs
61757	2	40	208-240	–	Quick Connect & Box Lugs
61430	3	30	24	–	Screw Terminals
61431	3	30	120	–	Screw Terminals
61432	3	30	208-240	–	Screw Terminals
61750	3	30	24	–	Box Lugs
61751	3	30	120	–	Box Lugs
61752	3	30	208-240	–	Box Lugs
61445	3	40	24	–	Box Lugs
61446	3	40	120	–	Box Lugs
61447	3	40	208-240	–	Box Lugs
61460	3	50	24	–	Box Lugs
61461	3	50	120	–	Box Lugs
61462	3	50	208-240	–	Box Lugs
61470	3	60	24	–	Box Lugs
61471	3	60	120	–	Box Lugs
61472	3	60	208-240	–	Box Lugs
62480	3	75	24	YES	Box Lugs
62481	3	75	120	YES	Box Lugs
62482	3	75	208-240	YES	Box Lugs
62490	3	90	24	YES	Box Lugs
62491	3	90	120	YES	Box Lugs
62492	3	90	208-240	YES	Box Lugs

Upgraded Design for 75 and 90 Amp 780 Contactors

MARS has upgraded our 75 and 90 Amp 780 series contactors to an A2L compliant design compatible with an expanded range of auxiliary switches. Part numbers for both the contactors and auxiliaries have changed as a part of this upgrade.

New A2L compliant auxiliary switch item numbers follow:

Description	Legacy Aux. Switch Item No.	NEW A2L Compliant Aux. Switches
1 NO	61624	61598
1 NC	61625	61599
1NO + 1 NC	N/A	61600
2 NO	N/A	61601
2 NC	N/A	61602
1 SPDT (right side)	61623	61603
1 SPDT (left side)	N/A	61604
2 SPDT	N/A	61605

Scan below for additional details



THE NEW MARS 910 DEFINITE PURPOSE CONTACTOR

Built to OEM Design Standards



Features

- Robust, long lasting design
- 1,000,000 cycle mechanical life
- cULus approval
- Universal base plate design ensures fit when replacing other contactors (including Furnas)
- Compliant with A2L refrigerants
- Enclosed coil design prevents penetration of dirt and insects
- Heavy duty silver alloy contacts for maximum electrical endurance
- Available with box lug and screw type terminals

Three pole contactors feature all of the above, plus

- Removable cover for service
- Removable base permits access to coil
- Full range of auxiliary switches

MARS NO.		FLA	POLES	LOCKED ROTOR AMPS				RES. AMPS	COIL VOLTS	CROSS REFERENCE	
SCREW TYPE	BOX LUG			240	277	480	600			TITAN	EATON
91311	91315	30	1 Pole w/ Shunt	180	180			40	24	TMX130A2	C25CNB130T
91312	91316								120	TMX130B2	C25CNB130A
91313	91317								208/230	TMX130C2	C25CNB130B
91321	91325		2	180		150	120	40	24	TMX230A2	C25*N*230T ¹
91322	91326								120	TMX230B2	C25*N*230A ¹
91323	91327								208/230	TMX230C2	C25*N*230B ¹
91331	91335		3	180		150	120	40	24	TMX330A2	C25DND330T
91332	91336								120	TMX330B2	C25DND330A
91333	91337								208/230	TMX330C2	C25DND330B
	91411	40	1 Pole w/ Shunt	240	240			50	24	TMX140A2	C25CNB140T
	91421								24	TMX240A2	C25*N*240T ¹
	91422		2	240		200	160	50	120	TMX240B2	C25*N*240A ¹
	91423								208/230	TMX240C2	C25*N*240B ¹
	91431		3	240		200	160	50	24	TMX340A2	C25DNF340T
	91432								120	TMX340B2	C25DNF340A
	91433	208/230							TMX340C2	C25DNF340B	
	91531	50	3	300		250	200	63	24	TMX350A2	C25DNJ350T
	91532								120	TMX350B2	C25DNJ350A
	91533								208/230	TMX350C2	C25DNJ350B
	91631	60	3	360		300	240	75	24	TMX360A2	C25FNF360T
	91632								120	TMX360B2	C25FNF360A
	91633								208/230	TMX360C2	C25FNF360B
	91731	75	3	450		375	300	94	24	TMX375A2	C25FNF375T
	91732								120	TMX375B2	C25FNF375A
	91733								208/230	TMX375C2	C25FNF375B

¹ The fourth digit refers to frame size (C = compact and D = standard 2 and 3 pole); The sixth digit refers to the terminal type (B/D = screw type and F = box lugs). Neither of these impact operation, so functionally, any configuration can be replaced by the corresponding MARS 910



JARD Definite Purpose Contactors

JARD Definite Purpose Contactors are designed for use on refrigeration, air conditioning, and electric heating systems. The universal mounting base allows replacement of most contactor brands. Power connections can be made with lugs & quick connects.

- Lug terminals with quick connects •UL •CUL

JARD W/LUGS	POLES	FULL LOAD AMPS	FULL RESISTIVE AMPS	COIL VOLTAGE
17215	1-1/2	25	40	24
17216	1-1/2	25	40	120
17217	1-1/2	25	40	240
17225	2	25	40	24
17226	2	25	40	120
17227	2	25	40	240
17315	1-1/2	30	40	24
17316	1-1/2	30	40	120
17317	1-1/2	30	40	240
17325	2	30	40	24
17326	2	30	40	120
17327	2	30	40	240
17335	3	30	40	24
17336	3	30	40	120
17337	3	30	40	240
17415	1-1/2	40	50	24
17416	1-1/2	40	50	120
17417	1-1/2	40	50	240
17425	2	40	50	24
17426	2	40	50	120
17427	2	40	50	240
17435	3	40	50	24
17436	3	40	50	120
17437	3	40	50	240
17535	3	50	65	24
17536	3	50	65	120
17537	3	50	65	240
17635	3	60	75	24
17636	3	60	75	120
17637	3	60	75	240
17735	3	75	90	24
17736	3	75	90	120
17737	3	75	90	240
17935	3	90	120	24
17936	3	90	120	120
17937	3	90	120	240
17999		Auxiliary Contact - Fits 40A 3P Models		
17998		Auxiliary Contact - Fits 50A & 60A 3P Models		
17997		Auxiliary Contact - Fits 75A & 90A 3P Models		



17335



17425



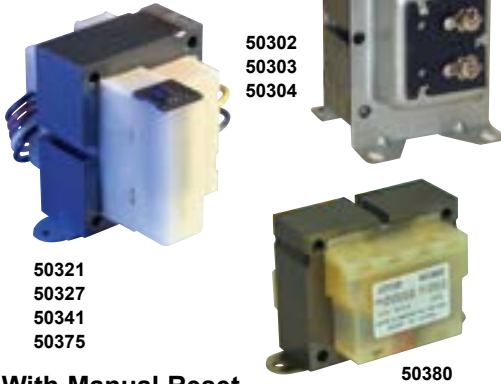
SPDT Auxiliary Contact For 3 Pole JARD w/Lugs Contactors

17997
17998
17999

MARS Transformers



Scan for more details.



Transformers - End Bell Type

MARS NO.	VOLTAGE PRIMARY	VOLTAGE SECONDARY	VA OUTPUT
50302	120	24	40
50303	208/240	24	40
50304	120/208/240	24	40
50333	120/208/240	24/12/12.5	48
50314	120/208/240	24	50

* Not UL listed (1) Color coded leads on secondary, (2) Screw terminals on secondary

Transformers With Manual Reset

MARS NO.	VOLTAGE PRIMARY	VOLTAGE SECONDARY	VA OUTPUT
50327	120/208/240/480	24	50
50321	120/208/240/480	24	75
50375	208/240/480/575	24	75
50341	120/208/240/480	24	100

Economy Plate Mount Transformer

MARS NO.	VOLTAGE PRIMARY	VOLTAGE SECONDARY	VA OUTPUT
50305	120	24	40

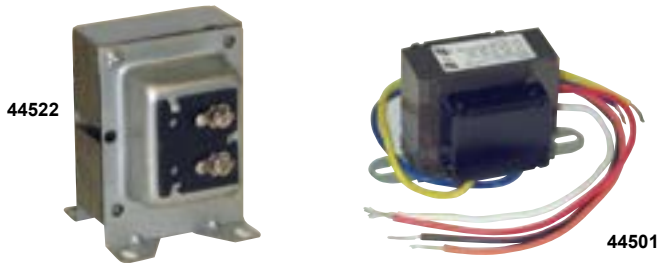
Power Transformers

MARS NO.	VOLTAGE PRIMARY	VOLTAGE SECONDARY	VA OUTPUT
50380	208/240/480	120/24	50
50381	208/240/480	120/24	100

Frame Mount

MARS NO.	CONNECTION	VOLTAGE PRIMARY	VOLTAGE SECONDARY	VA OUTPUT
50352	wire leads	120	24	40
50353	wire leads	240	24	40
50354	wire leads	120/208/240	24	40
50362	quick conn.	120	24	40
50363	quick conn.	240	24	40

JARD Transformers



Closed Construction With Circuit Breaker

MARS NO.	JARD NO.	VA	PRIMARY VAC	SECONDARY VAC
44511	5041C	50	120/208/240/480	24
44512	6041C	60	120/208/240/480	24
44513	7541C	75	120/208/240/480	24
44514	7541STC	75	120/277/380/575	24

Open Construction, Wire Leads

MARS NO.	JARD NO.	VA	PRIMARY VAC	SECONDARY VAC
44501	2031F	20	120/208/240	24
44502	4011F	40	120	24
44503	4021F	40	208/240	24
44504	4031F	40	120/208/240	24
44505	4032F	40	120/208/240	2.5/12/24
44507	40271F	40	277	24

**Multi-Mount Transformers
Closed Construction, 4" x 4" Plate**

MARS NO.	JARD NO.	VA	PRIMARY VAC	SECONDARY VAC
44522	4011M	40	120	24
44524	4031M	40	120/208/240	24
44525	5031M	50	120/208/240	24
44526	5032M	48	120/208/240	2.5/12/24



MARS Fan Control Centers

Features:

- Choice of SPST, SPDT, SPNO / SPNC or DPDT relay switching options
- UL 1585 40 VA transformer
- Color coded leads
- Low voltage terminal board
- Mounts directly to 4" electrical box
- Made in USA



40VA 3/4 hp

MARS NO.	TRANSFORMER				RELAY	CONTACT RATINGS			
	PRIMARY		SECONDARY			120V AC (AMPS)		240V AC (AMPS)	
	VOLTAGE	CONNECTIONS	VOLTAGE	CONNECTIONS		FULL LOAD	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR
24010	120/208/240	Color coded leads, pre-stripped	24V	Terminal board with 5 screw terminals	DPDT	13.8	82.8	6.9	41.4
24012	120	Color coded leads, pre-stripped	24V	Terminal board with 5 screw terminals	SPNO/SPNC	13.8	82.8	6.9	41.4
24013	120	Color coded leads, pre-stripped	24V	Terminal board with 5 screw terminals	SPDT	13.8	82.8	6.9	41.4

JARD General Purpose Switching Relays

SPST and SPDT fan relays are among the most popular relays used in air conditioning today.

JARD NO.	NORMALLY OPEN COIL VOLTAGE	CONTACT RATING 125/250 VAC	
		INDUCTIVE	RESISTIVE
SPST			
92290	24	8 amps	16 amps
92291	110-120	continuous	16 amps
92292	208/240	25 amps inrush	16 amps
SPDT			
92293	24	8 amps	16 amps
92294	110-120	continuous	16 amps
92295	208/240	25 amps inrush	16 amps



25 Amp Switching Relays - 120V Contact Rating

JARD NO.	DESCRIPTION	COIL VOLTAGE
92360	SPST-NO	24
92370	SPDT	24
92380	SPNO-SPNC	24

2PDT HVAC Relays

JARD NO.	COIL VOLTAGE
92340	24
92341	110/120
92342	208/240

Low Pressure Controls

Features:

- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized



Low Pressure Controls, Open on Pressure Fall, Automatic Reset, Normally Open

JARD NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE
43941	5/20 LP Open on fall	5	20
43942	5/30 LP Open on fall	5	30
43943	10/25 LP Open on fall	10	25
43944	15/35 LP Open on fall	15	35
43945	20/45 LP Open on fall	20	45
43946	25/50 LP Open on fall	25	50
43947	25/65 LP Open on fall	25	65
43948	25/80 LP Open on fall	25	80
43949	35/60 LP Open on fall	35	60
43950	40/80 LP Open on fall	40	80
43951	45/60 LP Open on fall	45	60
43952	50/90 LP Open on fall	50	90
43953	75/100 LP Open on fall	75	100
43975	90/120 LP Open on fall	90	120
43954	150/225 LP Open on fall	150	225
43955	170/225 LP Open on fall	170	225

Fixed Setting Pressure Controls High Pressure Cut-Outs

JARD offers the most complete line of high pressure cut-outs available.

Features:

- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized



High Pressure Cut-Outs, Open on Pressure Rise, Automatic Reset, Normally Closed

JARD NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE
43922	250/150 HP Open on rise	250	150
43924	275/195 HP Open on rise	275	195
43925	300/200 HP Open on rise	300	200
43926	325/225 HP Open on rise	325	225
43920	350/245 HP Open on rise	350	245
43927	350/250 HP Open on rise	350	250
43928	375/275 HP Open on rise	375	275
43929	400/200 HP Open on rise	400	200
43930	400/280 HP Open on rise	400	280
43931	400/300 HP Open on rise	400	300
43911	410/290 HP Open on rise	410	290
43932	425/300 HP Open on rise	425	300
43933	425/325 HP Open on rise	425	325
43934	450/250 HP Open on rise	450	250
43965	590/418 HP Open on rise	590	418
43935	600/475 HP Open on rise	600	475
43939	630/480 HP Open on rise	630	480

Condenser Fan Cycling Switch

Manual Reset high pressure controls

Specifications:

- UL & CSA recognized
- 1/4" female flare S.A.E. mounting



JARD NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE	SWITCH ACTION (OPEN ON PRESSURE)
43901	75/100 FC Close on rise	75	100	Fall
43902	110/170 FC Close on rise	110	170	Fall
43903	125/265 FC Close on rise	125	265	Fall
43904	150/225 FC Close on rise	150	225	Fall
43970	180/240 FC Close on rise	180	240	Fall
43905	19/275 FC Close on rise	190	275	Fall
43906	210/275 FC Close on rise	210	275	Fall
43907	300/400 FC Close on rise	300	400	Fall
43912	375/Man. Open on rise	375	Manual	Rise
43913	410/Man. Open on rise	410	Manual	Rise
43916	475/Man. Open on rise	475	Manual	Rise



MARS Complete Line of Pressure Switches Replacement for ~~Klixon~~ Pressure Switches

- Appropriate for a wide variety of HVAC/R, commercial, and industrial applications

Low Pressure Cut-Out - Open On Pressure Drop

MARS NO.	CUT OUT	CUT IN	NOTES
43341	5	20	1/4" Female Flare S.A.E. Mounting
43342	5	30	1/4" Female Flare S.A.E. Mounting
43343	10	25	1/4" Female Flare S.A.E. Mounting
43344	15	35	1/4" Female Flare S.A.E. Mounting
43345	20	45	1/4" Female Flare S.A.E. Mounting
43372	22	50	1/4" Copper Clad SS Tube w/38" leads
43373	25	40	Gold Contacts 1/4" Female Flare w/36" leads
43346	25	50	1/4" Female Flare S.A.E. Mounting
43347	25	65	1/4" Female Flare S.A.E. Mounting
43348	25	80	1/4" Female Flare S.A.E. Mounting
43349	35	60	1/4" Female Flare S.A.E. Mounting
43350	40	80	1/4" Female Flare S.A.E. Mounting
43351	45	60	1/4" Female Flare S.A.E. Mounting
43352	50	90	1/4" Female Flare S.A.E. Mounting
43374	50	95	1/4" Copper Clad SS Tube w/36" leads
43353	75	100	1/4" Female Flare S.A.E. Mounting
43375	90	120	1/4" Female Flare, w/18" leads
43354	150	225	1/4" Female Flare S.A.E. Mounting
43355	170	250	1/4" Female Flare S.A.E. Mounting

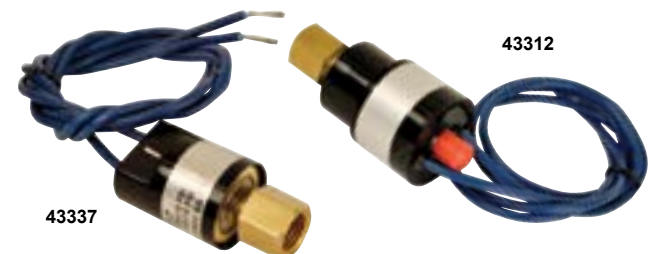
High Pressure Cut-Out - Open on Pressure Rise

MARS NO.	CUT OUT	CUT IN	NOTES
43337	200	150	1/4" Female Flare S.A.E. Mounting
43321	225	150	1/4" Female Flare S.A.E. Mounting
43322	250	150	1/4" Female Flare S.A.E. Mounting
43324	275	195	1/4" Female Flare S.A.E. Mounting
43325	300	200	1/4" Female Flare S.A.E. Mounting
43326	325	225	1/4" Female Flare S.A.E. Mounting
43320	350	245	1/4" Female Flare S.A.E. Mounting
43327	350	250	1/4" Female Flare S.A.E. Mounting
43328	375	275	1/4" Female Flare S.A.E. Mounting
43329	400	200	1/4" Female Flare S.A.E. Mounting
43330	400	280	1/4" Female Flare S.A.E. Mounting
43331	400	300	1/4" Female Flare S.A.E. Mounting
43311	410	290	1/4" Female Flare S.A.E. Mounting
43332	425	300	1/4" Female Flare S.A.E. Mounting
43333	425	325	1/4" Female Flare S.A.E. Mounting
43334	450	250	1/4" Female Flare S.A.E. Mounting
43365	590	418	1/4" Female Flare w/snubber
43335	600	475	1/4" Female Flare S.A.E. Mounting
43366	610	420	1/4" Copper Clad SS Tube, 90 degree elbow w/snubber
43339	630	480	1/4" Female Flare S.A.E. Mounting
43367	650	450	1/4" Copper Clad SS Tube w/snubber



Fan Cycling - Close on Pressure Rise

MARS NO.	CUT OUT	CUT IN	NOTES
43301	75	100	1/4" Female Flare S.A.E. Mounting
43302	110	170	1/4" Female Flare S.A.E. Mounting
43303	125	265	1/4" Female Flare S.A.E. Mounting
43304	150	225	1/4" Female Flare S.A.E. Mounting
43305	190	275	1/4" Female Flare S.A.E. Mounting
43370	180	240	1/4" Female Flare S.A.E. Mounting
43306	210	275	1/4" Female Flare S.A.E. Mounting
43307	300	400	1/4" Female Flare S.A.E. Mounting



High Pressure - Manual Reset - Open on Pressure Rise

MARS NO.	CUT OUT	CUT IN	NOTES
43312	375	Manual	1/4" Female Flare S.A.E. Mounting
43313	410	Manual	1/4" Female Flare S.A.E. Mounting
43314	415	Manual	Capillary Tube
43315	440	Manual	Capillary Tube
43316	475	Manual	1/4" Female Flare S.A.E. Mounting
43368	590	Manual	1/4" Female Flare w/snubber
43369	610	Manual	1/4" Female Flare w/snubber



2 and 3 Wire Hard Start Kits

MARS Hard Start kits Provide the Additional Starting Torque to Help Overcome Compressor Start-up Issues Due to Higher Head Pressures In New HVAC Systems

Two and Three Wire Hard Start Kits feature North American made capacitor and relay which deliver the performance and reliability you have come to expect. Compressor start times are reduced by 30%. Hard Start kits help compressors start quicker to minimize compressor winding overloads that can contaminate refrigerants and cause premature failures.



Features:

- North American Start Capacitor and Relay
- Designed for 208-230/240 Volt applications
- 2 and 3 Wire design for maximum performance
- Reduces start time by 30%
- Extends life of compressor
- Kits include mounting hardware

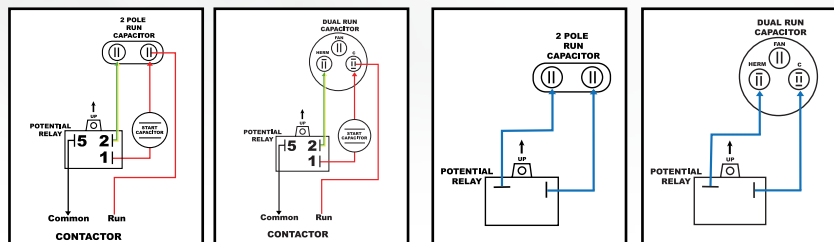
Cross Reference

MARS NO.	5-2-1 (CPS)	Supco	KickStart	Packard (2 wire)	Diversitech (2 wire)
32713	-	-	TO-5	TQS1	HSK5
32714	-	-	KS-1	TQS2	HSK1
32715	CSR U1	3W1	-	TQS1	HSK5
32716	CSR U2	3W2	-	TQS2	HSK1
32717	CSR U3	3W3	-	-	-

MARS NO.	VOLTS	DESCRIPTION
2 WIRE HARD START KITS		
32713	208-230/240	Max Torque 1 to 3 Ton
32714	208-230/240	Max Torque 3.5 to 5 Ton
3 WIRE HARD START KITS		
32715	208-230/240	Max Torque 1-2-3 Ton
32716	208-230/240	Max Torque 3.5 to 5 Ton
32717	208-230/240	Max Torque 4 to 5 Ton

MARS 3 Wire Hard Start Kits

MARS 2 Wire Hard Start Kits



MARS Universal Heat Pump and Air Conditioning TXV Kit

With a product range of 1 ½ to 5 tons in R-22/R-407C, R-410A, and R-454B, the MARS Universal AC/HP TXV Kit ensures that supply houses and contractors will always have the TXV they need on hand. This kit includes Danfoss' market leading TR6 expansion valve and all necessary accessories to ensure a fast, easy installation. The most common uses of this valve are as a replacement for a failed valve, as an efficiency upgrade on a system using a piston metering device, or to ensure proper system function when replacing a condensing unit but continuing to use an existing evaporator coil.

Features & Benefits:

- Balance port TXV to ensure proper function in higher capacity systems.
- Built-in check valve enables use with heat pumps.
- Robust stainless steel capillary tube and sensing bulb.
- Includes fittings to ensure easy fit with systems made by any manufacturer.
- Includes valve, all necessary evaporator fittings, tee for both 3/4" and 7/8" equalization connections, foam insulating tape, and bulb strap.



REFRIGERANT	SYSTEM CAPACITY (TONS)*	3/8" ODF CONNECTION	INCLUDED FITTINGS				PART NO.
			AEROQUIP	CHATLEFF	3/8 FLARE	3/4" & 7/8" EQUALIZATION TEES	
R410A	1 ½ - 3	Yes	Yes	Yes	Yes	Yes	72001
	3 ½ - 5	Yes	Yes	Yes	Yes	Yes	72003
R22/R407C	1 ½ - 2	Yes	Yes	Yes	Yes	Yes	72004
	2 ½ - 3	Yes	Yes	Yes	Yes	Yes	72005
	3 ½ - 4	Yes	Yes	Yes	Yes	Yes	72006
	5 - 6	Yes	Yes	Yes	Yes	Yes	72007
R454B	1 ½ - 3	Yes	Yes	Yes	Yes	Yes	72008
	3 ½ - 5	Yes	Yes	Yes	Yes	Yes	72009

JARD Filter Drier Family

JARD filter driers are designed and manufactured to ensure effective system protection at an affordable price. JARD driers are available as standard liquid line driers, bi-flow liquid line driers for heat pumps, and suction line driers.

Features:

- Solid core design
- Mixture of activated alumina and molecular sieve ensure adequate moisture and acid removal capacity
- 20 micron filter
- Solid copper ODF connectors
- Approved refrigerants include R-134a, R-12, R-22, R-140a, R-407C, R-404a, R-507, R-502, R-410A, R-1234yf, R-290, R-448A, R-417A, R-422A
- Durable powder coated paint exceeds 500 hour salt spray testing
- UL Listed



JARD Liquid Line Filter Driers

The JARD JLD family of Filter Driers are designed for use in the liquid line of standard refrigeration and air conditioning systems.



MARS No.	Type	Connection (in.)	Flow Capacity (Tons)			Core Size (cu in.)	Dimensions (in)			MWP (psig)
			R-22	R-407C	R-410A		A	B	C	
28120	JLD083	3/8 SAE	6.0	6.0	6.0	8	6.22	3.98	2.13	680
28121	JLD083S	3/8 ODF	6.0	6.0	6.0	8	5.45	3.98	2.13	680
28122	JLD084S	1/2 ODF	8.0	8.0	8.0	8	5.51	3.98	2.13	680
28123	JLD163	3/8 SAE	6.5	6.5	6.5	16	6.85	4.8	3.00	680
28124	JLD163S	3/8 ODF	6.5	6.5	6.5	16	6.24	4.8	3.00	680
28125	JLD164	1/2 SAE	9.0	9.0	9.0	16	7.00	4.8	3.00	680
28126	JLD164S	1/2 ODF	9.0	9.0	9.0	16	6.30	4.8	3.00	680
28127	JLD165S	5/8 ODF	13.5	13.5	13.5	16	6.56	4.8	3.00	680

JARD Bi-flow Filter Driers

JARD JBF filter driers feature an integrated check valve to permit flow in both directions. They are intended for use in reversible heat pump applications.



JARD Suction Line Filter Driers

JARD JSD filter driers are designed to be installed in the suction line after a burnout. They feature a wide diameter design to minimize pressure drop and dual access ports to easily gauge pressure difference.



MARS No.	Type	Connection (in.)	Flow Capacity (Tons)			Core Size (cu in.)	Dimensions (in)			MWP (psig)
			R-22	R-407C	R-410A		A	B	C	
28140	JBF083S	3/8 ODF	5.1	5.0	5.1	8	5.31	4.29	2.50	680
28141	JBF163S	3/8 ODF	5.2	5.1	5.2	16	6.13	4.67	3.00	680
28142	JBF164S	1/2 ODF	8.1	7.9	8.1	16	6.13	4.74	3.00	680

MARS No.	Type	Connection (in.)	Flow Capacity (Tons)			Core Size (cu in.)	Dimensions (in)			MWP (psig)
			R-22	R-407C	R-410A		A	B	C	
28160	JSD13-5S	5/8 ODF	5.0	4.9	6.2	13	5.20	3.45	4.00	680
28161	JSD13-6S	3/4 ODF	7.0	6.8	8.7	13	5.28	3.45	4.00	680
28162	JSD13-7S	7/8 ODF	7.0	6.8	8.7	13	5.51	3.47	4.00	680
28164	JSD27-7S	7/8 ODF	10.0	9.7	12.0	27	7.32	5.47	4.00	680

JARD Sight Glasses

Features:

- Brass body provides corrosion resistance and superb view of refrigerant
- Maximum working pressure 870 psig
- Yellow = Wet, Green = Dry
- Solid copper connections
- UL Recognized

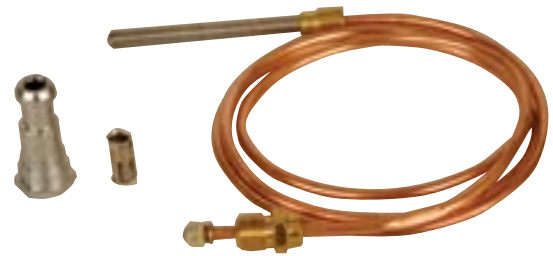
MARS No.	Connection (in.)	Type	Length (in.)
65650	3/8"	JSG-3SS ODF	4.63



MARS Thermocouples

- High temperature stainless steel element for long life and dependable operation.
- Includes adapter fittings for replacing any thermocouple in the field.
- Individually packaged.

MARS NO.	LENGTH
72218	18"
72224	24"
72230	30"
72236	36"
72248	48"



Restring Kits

Older heating elements are no longer available, your only option is to repair them using a properly sized restring kit. MARS Replacement coil kits for electric heat lets you repair strip heaters quickly and economically. MARS restring kits can be used to repair burnt out heating elements in Electric Furnaces and Heat Pump Air Handler Heating Assemblies. Each kit contains one close wound, stretch to length, resistance coil with welded terminal bolts; two each male and female ceramic terminal insulators; two each .375 and .450 inch standard ceramic bushings; two each 3/75 and .450 inch extra long ceramic bushings; necessary nuts, washers, and installation instructions.

Features:

- Welded terminal bolts for low resistance and long life
- Close wound coil, stretch to fit many applications
- Complete with bushings, insulators and hardware



Replacement Coil Economy Kits

MARS No.	Description
34600	5000 Watt @ 240V; includes coil, insulators & hardware
34601	5000 Watt @ 240V; includes 300" fuse link, coil, insulators & hardware

MARS NO.	WATTAGE AT				STRETCHED LENGTH			
	240V	208V	480V	277V	INCHES		METERS	
					MIN	MAX	MIN	MAX
34602	5000	3750	—	—	44.62	127.48	1.13	3.24
34604	—	—	5000	—	61.78	176.53	1.57	4.48
34606	—	—	—	5000	59.44	169.82	1.51	4.31
34608	3500	2625	—	—	50.75	145.00	1.29	3.68
34610	—	—	3500	—	42.27	120.76	1.07	3.07
34614	2000	1500	—	—	25.90	74.01	0.66	1.88
34616	2500	1875	—	—	30.89	88.26	0.78	2.24
34620	—	—	—	2500	27.61	78.87	0.70	2.00
34626	—	—	4500	—	46.05	131.98	1.17	3.35
34630	—	—	2000	—	40.12	114.64	1.02	2.91
34652	6600	4950	—	—	70.56	201.59	1.79	5.12
34656	6000	4500	—	—	54.43	155.50	1.38	3.95
34658	—	—	6000	—	71.88	205.38	1.83	5.22
34660 ¹	5000	3756	—	—	25.00	70.00	—	—

(1) Larger diameter coil - 5/8"

Universal Round Silicon Nitride

Cross Reference

Round Silicon Nitride	Robertshaw	Supco	White-Rodgers
68040	41-801N	SSN2000	21D64-2



MARS Hot Surface Igniters

• Includes 3 brackets, wire sleeving, mounting screw, 2 wire nuts, cross reference list, and instruction sheet
• 14" leads

67900
Furnace Igniter Kit

• Replacement for flat and spiral igniters in over 50 furnace applications

• 19" leads with sleeving and connector

67909

REPLACES:
• Coleman 1474-051P, 052P

• 5.5" leads with connector

67914

REPLACES:
• Amana 1004 1601, B1336102, D99182
• Trianco-Heatmaker 2600-359 • Uni-Line 41-401
• White Rodgers 767A-309, 767A-356

• 24" leads with wire nuts

67915

REPLACES:
• Armstrong 38322B001 • Clare C-238, C-242
• DMO 20834, 26789 • Dornback 271W
• Trane 340039P01, IGN23
• Uni-Line 41-238, 41-242, 41-402
• White Rodgers 767A-371 • Williamson 09050

• 5.5" leads with wire nuts

67916

REPLACES:
• Raypak 600915 • Snyder General 1380654 • Trane B138196P01, IGN26, IGN30, Uni-Line 41-403
• Weil McLain 511-330-193

• 9" leads with wire nuts

67917

REPLACES:
• Uni-Line 41-405 • White Rodgers 767A-361 • York 025-27766-000, 025-27774-000, 025-29043-000, 025-29050-000

• 5" leads with connector

67918

REPLACES:
• Trane B144676P02, IGN30 • Uni-Line 41-407

• 5" leads with connector

67919

REPLACES:
• Rheem 62-22868-92, 62-22868-93 • Trane B340039P01 • Uni-Line 41-408

• 5" leads with connector

67920

REPLACES:
• Carrier LH33ZS001, 002, 003, 004 • Ducane 20015201 • Snyder General 1380672, 1380680
• Trane IGN26 • Uni-Line 41-409
• Weil McLain 511-330-139

• 5.5" leads with connector

67923

REPLACES:
• York 025-32625-000

• 5" leads with connector
• Mounting bracket attached

67924

REPLACES:
• Goodman B1401015, B1401018S
• Modine 5H075032B

• 9" leads with wire nuts
• Gasket included

67925

REPLACES:
• Glowcore HSRK-7 • Lochinvar PLT2400
• Surface Igniter FY009 • Uni-Line 41-406
• Weil-McLain 511-330-188 • White Rodgers 767A-374

• 5" leads with connector
• Bracket included

68013

REPLACES:
• Rheem 62-22868-82 • Uni-Line 41-411

• 5" leads with connector
• Bracket included

68014

REPLACES:
• Goodman B1401009 • Intercity 1009604
• Uni-Line 41-412, 41-414

• 8.5" leads with connector
• Mounting bracket and gasket included

68015

REPLACES:
Rheem 62-22669-92

• 5" leads with connector

68016

REPLACES:
• Trane B144676P01, IGN30 • Uni-Line 41-410

• 5" leads with connector

68017

REPLACES:
• Uni-Line 41-404
• Weil McLain 511-330-190

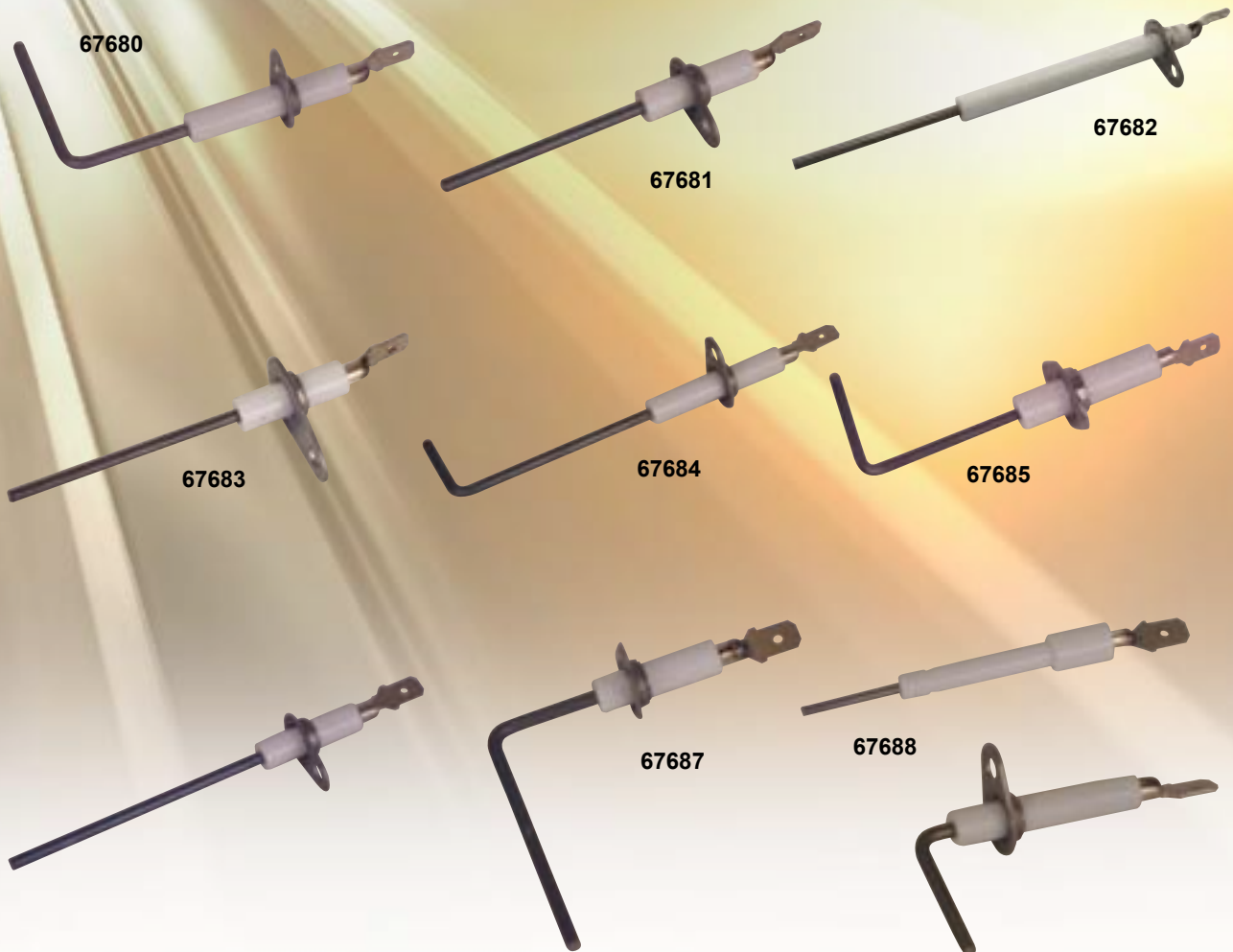
Flame Sensors

MARS flame sensors are direct OEM replacements. False shutdowns can occur in gas furnaces due to a built up carbon on the flame rod. Incorrect cleaning procedures can also damage the flame rod. Replacing a flame sensor that has triggered a false shutdown is the best preventative maintenance and eliminates nuisance service calls.

Features:

- Direct OEM Replacements
- Improved Service Life
- OEM Mounting Brackets
- Ceramic Insulators

MARS NO.	REPLACES OEM	OEM PART NUMBER
67680	Goodman	10735201
67681	Source 1	SI-02537499000
67682	Source 1	SI-02530788700
67683	Goodman	0130F00010
67684	Allied	44L48
67685	Source 1	SI-02535306000
67686	Source 1	SI-02527773700
67687	Source 1	SI-02535354000
67688	Goodman	B1172601
67689	Source 1	SI-02530802000



Leading the Way in ECM Technology

AZURE[®] ECM



AZURE[®] ECM

Nortek/Nordyne Variable Speed Applications Ball Bearing

Direct replacement for 8-pin PWM variable speed ECM equipped Nortek / Nordyne equipment.

Common brands include: AC Pro, AirTemp, Broan, Frigidaire, Gibson, Intertherm, Kelvinator, Maytag, Miller, OxBox, Partners Choice, Philco, Revolv, Tappan, and Westinghouse

Features:

- PWM communicating
- High efficiency 85%
- Belly band mount
- Dual voltage

Specifications:

- Class "B" insulation
- Thermal overload protected
- Operating temperature range: -20°C to 55°C (-4°F to 131°F)
- UL Recognized



8 Pin Variable Speed



MARS NO.	HP	VOLTS	RPM	ROTATION	DIAMETER
10880	1/2	115/230	1075 Variable	CWLE	5-1/2
10881	3/4	115/230	1075 Variable	CWLE	5-1/2

The Industry's Best Universal Outdoor Condenser Fan Motor

- **6,000 Volt In-Line Surge Protector** – Azure features an in-line surge protector OUTSIDE the motor that can be replaced or bypassed when it fails. All others rely on a non-serviceable surge protector INSIDE the motor. When it fails, the motor must be replaced.
- **Reliable 1075/825 RPM Operation** – Azure utilizes a patented and fully solid state control with no configuration connections to secure. Others rely on additional wires and mechanical jumpers that can become cumbersome in tight spaces or even inadvertently disconnected.
- **4.33" Low Profile Motor Shell** – Azure features the aftermarket ECM industry's smallest motor shell to ensure the fan always fits correctly within the shroud for reduced noise and correct airflow.

Plus

- **Services 90% Or More Condensers With A Failed PSC Motor** – The true truck stock motor that saves time and increases profitability.
- **Fast & Easy Installation** – 2 wires connect directly to the DP contactor. No capacitor is ever required.
- **2 Year Warranty**

MARS NO.	HP	VOLTS	RPM	ROTATION	ORIENTATION	RHEEM HOLES
10874	1/8-1/3	208-230	825/1075	REV	Shaft Down	Yes



MARS No. 10874

Replace ANY Constant Torque ECM

AZURE®



Bluetooth inside

- ✓ Replaces OEM FER 2019 Constant Torque Blower Motors
- ✓ Replaces Genteq® X13®, Endura® Pro, Ensite®, Evergreen®
- ✓ Replaces US Motors® SelecTech®, EZ13®
- ✓ Replaces Broad Ocean Digi-Motor®

MARS No.	Horsepower	Voltage
10858	1/5-1/2	115/230
10859	1/2-1	115/230

Take Control Of Your Airflow

Azure is a Bluetooth enabled drop-in replacement for any OEM constant torque ECM blower motor. Azure is not a generic replacement ECM. Patented autosizing technology customizes the motor torque to the ductwork of each application.

One Touch Autosizing

One touch of a button automatically assigns correct torque for the ductwork; additional programming harnesses are not required.

Individual Speed Tap Adjustments

Dial in the temperature rise with 1% torque increments. Tune out annoying high frequency harmonics. Optimize CFM.

Real Time Data

Monitor motor volts, amps, watts, and RPM's.

Drop-in Installation

Simple to wire; connections are the same as the motor being replaced.

FREE App

Scan the QR code to download the Azure® Blower Motor app. The use of Bluetooth optimizes performance but is not required for the installation of these motors.



Smartphone not included



Android



Apple

Motor Includes



Ensite® Adapter



Direct Connect Harness



Factory Harness Connector

Got an OEM Variable Speed ECM with one of these connectors?



4 Pin Variable Speed



16 Pin Variable Speed

Replace it with Azure.
Azure connects directly to OEM harnesses.

- ✓ **Bluetooth Control**
Free app (AZURE ECM) is available on both Apple and Google stores.
- ✓ **Intuitive**
Drop down menus and data inputs are simple and make sense.
- ✓ **Plug and Play**
Azure connects directly to OEM harnesses; additional module or adapter is not required.
- ✓ **Adjustable Airflow**
The app allows optimization of airflow even if ductwork is not optimal.
- ✓ **Ultimate Truck Stock**
Save time and money. Two Azure ECMs replace A LOT of motors!
- ✓ **Replaces** 16 Pin OEM Variable Speed ECM, PWM, 2.0, 2.3, 2.5 EON®; and Evergreen® VS, Rescue® EZ16®
- ✓ **Replaces** Many* 4 Pin OEM Variable Speed ECM 3.0; and Evergreen® VS



Bluetooth inside



Smartphone not included

MARS No.	HP	Volts	RPM	Rotation	Diameter
10856	1/4-1/2	115/230	1075 Variable	REV	5.5"
10857	1/2-1	115/230	1075 Variable	REV	5.5"

*Due to proprietary OEM protocol, some communicating ECMs may not be compatible with Azure.

AZURE[®] ECM

Walk-In Cooler Applications

Drop in 3.3" ECM replaces most OEM / ECM / PSC and standard shaded pole commercial refrigeration evaporator fan motors up to 1/15 HP for walk-in cooler/freezer applications. Smart micro-processor automatically adapts to the fan load up to 1/15HP and voltage up to 230V. With the Azure ECM app (available for download from the Google Play and Apple stores), speed and rotation can be field programmed using a smart phone and the optional wireless programming kit. A thermistor kit can convert the motor to 2-speed operation without the need for a separate 2-speed controller.

Specifications:

Horsepower:	1/15 - 1/25
Voltage:	115/230
Amps (Max)	1.3/0.65
Efficiency:	68%
Estimated Energy Savings:	\$65/year (\$91/year total) ⁽¹⁾
Operating Range:	-40° to 131°F
OL Protection:	Electronic
Bearing:	Ball
Wire Connector:	Lyall Plug
Listings:	UL/cUL

MARS NO.	RPM	SPEEDS	ROTATION	PROGRAMMABLE
10850	1550	1	Rev	No
10852	1550*	1 or 2**	CCWLE***	Yes

* 1550 default; adjustable 600-2000 RPM with optional wireless programmer kit (MARS No. 08505)

** 2-speeds attainable with optional wireless programmer kit (MARS No. 08505) and optional thermistor kit (MARS No. 08515)

*** CCWLE default; reversible with optional wireless programmer kit (MARS No. 08505)

⁽¹⁾ Estimated energy savings based on replacement of a 1/20 HP shaded pole evaporator fan motor with Azure[®] at \$0.11/kWh. \$65 savings is based solely on the reduction of power consumption. An additional savings of approximately 40% will result from the reduction of the refrigeration load due to Azure[®]'s lower operating temperature.



Reach-In Cooler/Case Applications

Submersible watt motor replaces most OEM / ECM / PSC and standard shaded pole commercial refrigeration evaporator and condenser fan motors 4 - 25 W for reach-in cooler/freezer applications. The microprocessor sets power output to match the fan load ensuring correct CFM and maximum efficiency in every installation. With the Azure ECM app (available for download from the Google Play and Apple stores), speed and rotation can be field programmed using a smart phone and the optional programming kit.

Specifications:

Wattage:	4 - 25
Voltage:	115/230
Amps (Max)	0.47/0.33
Efficiency:	68%
Estimated Energy Savings:	\$33/year (\$46/year total) ⁽²⁾
Operating Range:	-40° to 131°F
OL Protection:	Electronic
Bearing:	Ball
Wire Connector:	90° Angle Lyall Plug
Listings:	UL/cUL
IP Rating:	IP 67 (Submersible)

MARS NO.	RPM	SPEEDS	ROTATION	PROGRAMMABLE
10891	1550*	1	CWLE***	Yes

* 1550 default; adjustable 600-2000 RPM with optional wireless programmer kit (MARS No. 08505)

*** CWLE default; reversible with optional wireless programmer kit (MARS No.08505)



⁽²⁾ Estimated energy savings based on replacement of a 9 W shaded pole evaporator fan motor with Azure[®] at \$0.11/kWh. \$33 savings is based solely on the reduction of power consumption. An additional savings of approximately 40% will result from the reduction of the refrigeration load due to Azure[®]'s lower operating temperature.

Power Consumption		
Fan Load	Standard Motor Power Consumption	Azure [®] Power Consumption
1/20 HP	105 W	43 W
1/15 HP	139 W	57 W

Power Consumption		
Fan Load	Standard Motor Power Consumption	Azure [®] Power Consumption
4 W	28 W	6 W
9 W	47 W	14 W
16 W	77 W	30 W

Commercial Refrigeration Motors Programmable to Meet Your Needs

Out of the box, the programmable Azure 3.3 and Azure watt motors are set to meet the majority of your application requirements. Need more flexibility? Plug the optional wireless programmer into either motor and use your smart phone to change both the speed and rotation to meet nearly any application requirement including OEM.

Need more efficiency? Plug the optional thermistors into the 3.3 motor and use the programming kit to set up 2-speed operation. The motor will sense the refrigeration cycles and operate at normal speed during the on call and then low speed during the off call for enhanced energy savings.

Simple Operation

- Step 1:** Download the Azure ECM App to your Apple or Android smart phone/tablet.
- Step 2:** Connect the wireless programmer to the motor.
- Step 3:** Open the App and make adjustments to motor speed and rotation.



MARS NO.	DESCRIPTION	AZURE® MOTOR COMPATIBILITY
08505	Wireless Programmer Kit; Requires Azure ECM App and Smart Device (sold separately)	10852, 10891
08515	Thermistor Kit for 2-Speed Operation (1 Pair); Controls up to 5 Motors	10852

Videos

Scan with your smartphone or see us on YouTube and marsdelivers.com under Resources.

Compatibility: Azure® watt motor (MARS No. 10891) / Azure® 3.3 motor (MARS No. 10852)

The Azure® Wirelessly Programmer is available from:

Android Smart Devices: (Azure ECM app required). Download from your On-line app store.

Apple Smart Devices: (Azure ECM app required). Download from your On-line app store.



Azure Wireless Programmer Kit



Programming the Azure Watt Motor



Programming the Azure 3.3 Motor



Azure 2-Speed Motor Retrofit



10891

Universal ECM Evaporator Fan Motors

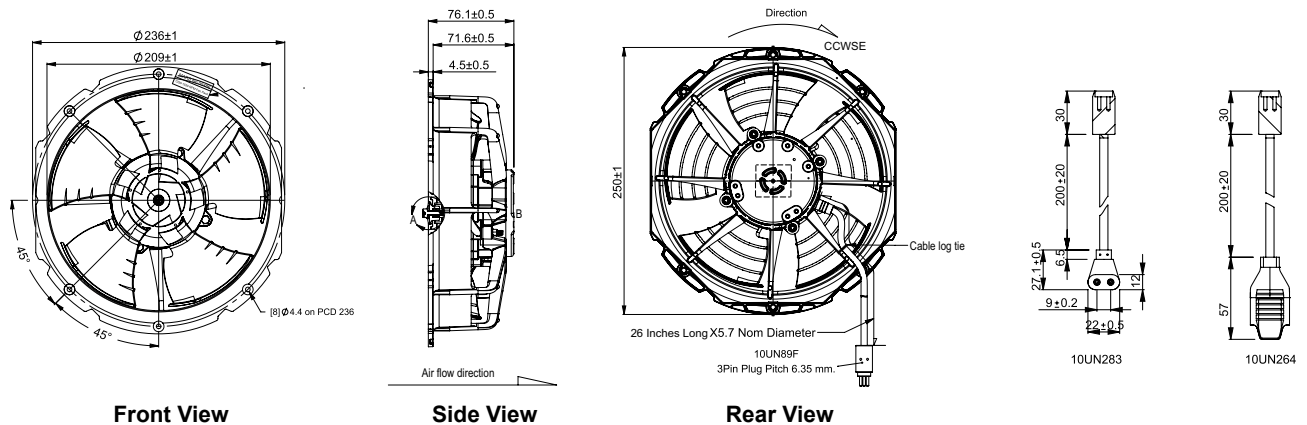
MARS Unada Universal fan pack replaces virtually any 8" round evaporator fan assembly including the flat sided shrouds used by Hillphoenix. Each fan pack includes wire harness adapters for ebm-papst motor replacements as well as motors with straight and 90° Lyall plugs. The motor features a soft start and is ATEX compliant for hydrocarbon refrigerants.



- ✓ Fits Hillphoenix and MANY Other 8" Applications
- ✓ Replaces EBm-Papst and MANY Other Motors

Specifications:

- Ball Bearing
- IP65
- Class B
- Thermally Protected, Continuous Air Over
- Temp. Range: -40°C to +50°C
- 16 in Leads
- UL / TUV / CE / RCM / CCC / ATEX



MARS NO.	WATTS	VOLTS	ROT. SE	APPLICATION
05485	Up to 30	115/230	CCW	1600-1900 RPM
05486	Up to 30	115/230	CCW	1250-1550 RPM

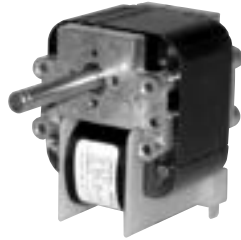




Draft Inducer Blowers



10566



10704



10709



10556



10555, 10558



10550



10551



10552



10553



10565

MARS draft inducer blower assemblies are designed and manufactured to serve as drop-in, exact replacements.

MARS NO.	OEM	OEM NO.	APPLICATION	HP	VOLTS	AMPS	RPM	BEARING TYPE	CAP INCLUDED
10566	Carrier	HC27Q118	80 + Furnace	1/4	115	0.38	3030	Ball	5MFD/370
10704	Carrier	HC21ZE117	80+ Furnace	1/22	115	1.8	-	Ball	-
10709	Carrier	HC24HE230	80+ Furnace	1/40	208/230	1.0	-	Ball	-
10556	Nordyne	622567	80+ Furnace	1/33	115	0.43	3000	Ball	4MFD/250V
10558	Nordyne	622302	90+ Furnace	1/31	115	0.46	3300	Ball	6MFD/250V
10550	Goodman	0131G00007	80+ Furnace	1/50	230	0.24	3000	Ball	2MFD/370V
10551	Goodman	0131G00009	80+ Furnace	1/32	230	0.24	3000	Ball	2MFD/370V
10552	Goodman	0131M00121	80+ Furnace	1/50	230	0.22	3000	Ball	2MFD/370V
10553	Goodman	0131M00002P	80+ Furnace	1/50	115	0.40	3000	Ball	6MFD/250V
10555	Goodman	0271F00126	90+ Furnace	1/32	115	0.46	3150/2950	Ball	6MFD/250V
10563	Trane	D965130P01	80+ Furnace	1/39	230	0.22	2800/1500	Ball	2MFD/370V
10564	Trane	D965129P01	80+ Furnace	1/39	230	0.22	2800/1500	Ball	2MFD/370V
10565	Trane	D965128P01	80+ Furnace	1/34	230	0.24	3000	Ball	2MFD/370V

MARS[®] Outdoor Condenser Fan Motors

Ball Bearing

Features / Specifications:

- All angle mount
- Rheem mounting holes w/screws installed
- Single phase, 60 Hertz
- Thermal overload protected
- Fan duty, continuous, air over
- Totally enclosed • UL Recognized

Reversible Rotation - Single Speed - 208-230 Volts

MARS NO.	HP	AMPS	CAP REQUIRED
1075 RPM			
10725	1/8	0.72	5/370
10727	1/6	0.90	5/370
10726	1/5	1.17	5/370
10728	1/4	1.8	5/370
10729	1/3	2.4	7.5/370
10730	1/2	3.5	10/370
10731	3/4	4.7	10/370

825 RPM

10411	1/8	0.80	5/370
10403	1/6	1.0	5/370
10412	1/5	1.3	5/370
10404	1/4	1.6	5/370
10405	1/3	1.9	7.55/370
10746	1/2	2.8	12.5/370

Ball Bearing

Features / Specifications:

- All angle mount
- Rheem mounting holes w/screws installed
- Single phase, 60 hertz
- Thermal overload protected
- Totally enclosed • UL Recognized

Reversible Rotation – Single Speed - 208-230 Volts

MARS NO.	HP	AMPS	CAP REQUIRED
1075 RPM			
10732	1/6	0.90	5/370
10733	1/4	1.8	5/370
10734	1/3	2.4	7.55/370
10735	1/2	3.5	10/370
10736	3/4	5.2	10/370

825 RPM

10203	1/6	1.0	5/370
10204	1/4	1.6	5/370
10205	1/3	1.9	7.5/370
10747	1/2	2.8	12.5/370





Multi-Horsepower Condenser Fan Motors

Ball Bearing

Features / Specifications:

- Rheem mounting holes w/screws installed
- Air conditioning or heat pump duty
- Single phase, 60 Hz
- Thermal overload protected • UL Recognized

Reversible Rotation - Single Speed - 208-230 Volts

MARS NO.	HP	RPM/SPEED	CAP REQUIRED
10458	1/6 - 1/3	1075	7.5/370
10459	1/8 - 1/3	825	10/370
10465	1/6 - 1/3	1075/2	5/7.5/370
10468	1/5 - 1/2	1075/2	10/12.5/370
10469	1/6 - 1/3	825/2	10/7.5/370



Super-Fit™ Multi-Horsepower Condenser 42 Frame Fan Motors

Ball Bearing

Features / Specifications:

- Super-Fit™ mounting holes for Trane 4.33, 4.42 and 4.62 bolt circle mounting. Includes self threading screws
- All angle mount
- Single phase, 60 Hz • Thermal overload protected
- UL Recognized

Reversible Rotation – Single Speed - 208-230 Volts

MARS NO.	HP	AMPS	RPM	CAP REQUIRED
10722	1/8, 1/10, 1/12	0.75	1075	5/370
10723	1/4, 1/5, 1/6	1.5	1075	7.5/370
10724	1/4, 1/5, 1/6	1.35	1625	5/370



Outdoor Condenser Fan Motors Shaft Up Only

Features / Specifications:

- Rheem mounting holes w/screws installed
- Single phase, 60/50 Hertz
- Automatic thermal overload protected • UL Recognized

Reversible Rotation - 1075 RPM

Single Speed - 208/230 Volts

MARS NO.	HP	AMPS	BEARING	CAP REQUIRED
10327	1/6	0.9	Sleeve	5/370
10328	1/4	1.8	Sleeve	5/370
10329	1/3	2.4	Sleeve	7.5/370
10330	1/2	3.5	Ball	10/370
10331	3/4	5.2	Sleeve	10/370





Outdoor Condenser Fan Motors

Ball Bearing - 70°C

Features / Specifications:

- All angle mount
- Rheem mounting holes w/screws installed
- Trane 4.33 bolt circle mounting holes with self tapping screws
- Single phase, 60 Hertz
- 70°C/158°F
- Thermal overload protected
- Fan duty, continuous, air over
- Totally enclosed
- UL Recognized

Reversible Rotation - Single Speed - 208-230 Volts

MARS NO.	HP	AMPS	CAP REQUIRED
1075 RPM			
20727	1/6	0.90	5/370
20728	1/4	1.8	5/370
20729	1/3	2.4	7.5/370
20730	1/2	3.5	10/370
20731	3/4	5.2	10/370
825 RPM			
20402	1/8	0.75	5/370
20403	1/6	1.0	5/370
20404	1/4	1.6	5/370
20405	1/3	1.9	7.5/370
20746	1/2	2.8	12.5/370



460V Outdoor Condenser Fan Motors – Shaft Up Only

Ball Bearing - 70°C

Features / Specifications:

- Rheem mounting holes w/screws installed
- Single Phase, 60 Hz
- 70°C, 158°F
- Thermal overload protected
- Totally enclosed
- UL Recognized

Reversible Rotation - 1075 RPM - Single Speed

MARS NO.	HP	AMPS	CAP REQUIRED
20846	1/4	0.65	7.5/440
20847	1/3	0.90	7.5/440
20848	1/2	1.3	10/440
20849	3/4	2.05	10/440





460V Outdoor Condenser Fan Motors

Ball Bearing - 70°C

Features / Specifications:

- All angle mount
- Rheem mounting holes w/screws installed
- Trane 4.33 bolt circle mounting holes and self tapping screws
- Single phase, 60 Hz
- 70°C/158°F
- Thermal overload protected
- Totally enclosed
- UL Recognized



Reversible Rotation – 1075 RPM – Single Speed

MARS NO.	HP	AMPS	CAP REQUIRED
20835	1/6	0.48	5/440
20836	1/4	0.65	7.5/440
20837	1/3	0.90	7.5/440
20838	1/2	1.3	10/440
20842	3/4	2.0	10/440

Reversible Rotation – 825 RPM – Single Speed

20859*	1/6	0.53	5/440
20880	1/4	0.90	5/440
20881	1/3	1.0	7.5/440
20882	1/2	1.55	10/440

Reversible Rotation – 1075 RPM – Multi-HP

20478	1/3 - 1/6	1.2	7.5/370
20479	1/2 - 1/5	1.5	10/370
20480	1/2 - 1/6	1.46	10/440
20481	3/4 - 1/4	2.12	15/440

One-On-One™ Replacement Motor for AO Smith ORM4688BF

MARS NO.	HP	ROT	RPM/SPDS	AMPS	CAP REQUIRED
20884	1/8, 1/6, 1/5, 1/4, 1/3	REV	825/1	1.0	7.5/370

* CW Rotation-opposite shaft end





High Efficiency Direct Drive Blower Motors – MARS Energy Master

Ball Bearing - 70°C

Features / Specifications:

- 12-15% more efficient compared to standard motors
- Rheem mounting holes
- 2-1/4 inch resilient rings - plus 2-1/2 inch split rings included
- Single phase, 60 Hertz
- Fan duty, continuous air over
- Automatic thermal overload protection
- UL Recognized

1075 RPM – Reversible Rotation – Three Speed

MARS NO.	HP	VOLTS	AMPS	CAP REQUIRED
10573	1/4	115	2.9	7.5/370
10574	1/4	208-230	1.3	5/370
10575	1/3	115	3.9	10/370
10576	1/3	208-230	1.6	7.5/370
10577	1/2	115	5.2	15/370
10578	1/2	208-230	2.5	10/370
10579	3/4	115	8.0	20/370
10580	3/4	208-230	3.5	15/370



MARS 48 Frame Torsion Flex Mount Motors

Features / Specifications:

- Sleeve bearing
- Torsion flex mount
- 4-1/2 inch long, 1/2 inch diameter shaft
- Torsion mount sleeves and grommets included
- Single phase, 60 Hertz
- Thermal overload protected
- Fan duty, continuous, air over
- UL Recognized

1075 RPM – Reversible Rotation – Three Speed

MARS NO.	HP	VOLTS	AMPS	CAP REQUIRED
10683	1/4	115	4.2	5/370
10684	1/4	208-230	1.8	5/370
10685	1/3	115	6.1	5/370
10686	1/3	208-230	2.7	5/370
10687	1/2	115	7.5	10/370
10688	1/2	208-230	3.2	7.5/370
10689	3/4	115	11.2	15/370
10690	3/4	208-230	4.5	10/370





460V Direct Drive Blower Motors

Ball Bearing - 70°C

Features / Specifications:

- All angle mount
- Class “B” insulation
- Single phase, 60 Hz
- Thermal overload protected
- UL Recognized

Cross Reference

MARS No.	GE/ Genteq	Century/ AO Smith	US Motors/ Emerson	Marathon	ROTOM
20538	-	-	-	X038	-
20580	3280	BDH1036	-	-	M2-R32712
20581	3290	BDH1076	8947	-	M2-R32426

Reversible Rotation

MARS NO.	HP	AMPS	CAP REQUIRED
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1075 RPM - Two Speed

20538	1/2	1.8	10/370
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Multi-Horsepower – Reversible Rotation

MARS NO.	HP	AMPS	CAP REQUIRED
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1075 RPM - Two Speed

20580	1/3 - 1/4	0.95	7.5/370
20581	3/4 - 1/2	2.1	15/370



Belted Fan & Blower Motors w/Service Factor (S/F)

Ball Bearing - 70°C

Features / Specifications:

- Slotted holes in base match 48 or 56 frame bolt patterns
- Class “B” insulation
- Single phase, 60 Hz
- Thermal overload protected
- Continuous duty
- UL Recognized

1725 RPM - Single Speed – Reversible Rotation – 115 Volts – NEMA Frame 46/56

MARS NO.	HP	FLA	S.F.	COMPETITOR CROSS REFERENCE						
				AO Smith/ Century	Emerson/ US Motors	GE/ Genteq	Magnetek	Marathon	Packard	ROTOM
10401	1/4	4.3	1.35	GF2024, RB2024	2889, 8000	4701	808, 802	B303, B206	45014	BF-4701
10406	1/3	5.8	1.35	GF2034, RB2034	2888, 8100	4706	922, 805	B207	45013	BF-4706
10408	1/2	7.7	1.25	GF2054, BF2054	2887, 8200	4708	F681, 811	B208	45012	BF-4708





Direct Drive Blower Motors

Features / Specifications:

- Sleeve bearings except as noted
- Rheem mounting holes
- Class "B" insulation
- Single phase, 60 Hertz
- Thermal overload protected
- Fan duty, continuous, air over
- UL Recognized

1075 RPM – Three Speed – Reversible Rotation

MARS NO.	HP	VOLTS	AMPS	CAP REQUIRED
10583	1/4	115	4.2	5/370
10584	1/4	208-230	1.8	5/370
10585	1/3	115	6.1	5/370
10586	1/3	208-230	2.7	5/370
10587	1/2	115	7.5	10/370
10588	1/2	208-230	3.2	7.5/370
10589	3/4	115	11.2	15/370
10590	3/4	208-230	4.5	10/370
10591 ¹	1	115	11.8	20/370
10592 ¹	1	208-230	5.6	15/370

¹ Ball Bearing



Multi-Horsepower Direct Drive Blower Motors

Features / Specifications:

- Sleeve Bearing
- Rheem mounting holes
- 2-1/4 inch resilient rings
- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- UL Recognized

Four Speed – Reversible Rotation

MARS NO.	HP	VOLTS	RPM
10463	1/6 - 1/2	115	1075
10464	1/6 - 1/2	208-230	1075
10466 ¹	1/5 - 3/4	115	1075
10467 ¹	1/5 - 3/4	208-230	1075
10479	1/8 - 1/3	208-230	825

¹ Ball Bearing





3.3" Commercial Refrigeration Multi-Horsepower Motors

These motors replace hundreds of OEM shaded pole evaporator fan motors found in Bohn, Nutone, Chandler, Larkin, Kramer, Climate Control, McQuay, Heatcraft and reduce truck stock costs.

These PSC type motors deliver more power and lower amp draw compared to shaded pole.

Features / Specifications:

- Sleeve bearing
- Mounting - extended thru-bolt with nuts
- Low temp lubricant
- Capacitor included
- Open ventilation
- Class "B" insulation
- 60 Hz
- Thermal overload protected
- Single speed



Replaces 12 Motor Ratings:

1/12HP	CW or CCW	115V or 230V
1/15HP	CW or CCW	115V or 230V
1/20HP	CW or CCW	115V or 230V

Cross Reference

MARS No.	Century/ AO Smith	US Motors/ Emerson	Fasco	GE/Genteq	OEM	Packard
01125	9720A	9656, 8658, 9664	7190-0442, D1125		253005101, 25309101, 7071061, 55034LS, 5034L, 5008SS and 50085 S58-486, 5008TS, 5008T, 5034MS and 5034M S58-776	41125
01127	9721	9650, 9651, 9652, 9653, 9656, 9662, 9664	D1101, D1103, D1122, D1123, D1124, D1125, D1126, D1127, D1152, D1154, PD1125, PD1127, 7163-2113, 7163-3371 7190-0442, 7190-2084 7190-2255, 7190-2285 7190-2969	5KSM59ES2001 5KSM59JSK143S 5KSM59JS5036S 5KSM59LS2262AS	25308601, 25309101, 2531194, 2531195 7071061	49101

1550 RPM

MARS NO.	HP	VOLTS	ROTATION	AMPS	CAP INCLUDED	SHAFT LENGTH AND DIAMETER
01125	1/12, 1/15, 1/18	208-230	CCW LE	0.56/0.50	4 MFD 370V	2.55 x 5/16
01127	1/12, 1/15, 1/20	115/230	REV	1.1/0.60	7.5 MFD 370V	3.00 x 5/16



Condenser Fan Motors

Ball Bearing

Features / Specifications:

- All angle mount
- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- Fan duty, continuous air over
- UL Recognized

Reversible Rotation – Single Speed – 208-230 Volts

MARS NO.	HP	CAP REQUIRED
1075 RPM		
22727	1/6	5/370
22728	1/4	5/370
22729	1/3	7.5/370
22730	1/2	10/370
22731	3/4	10/370
825 RPM		
22403	1/6	5/370
22404	1/4	5/370
22405	1/3	7.5/370
22746	1/2	12.5/370



Multi-Horsepower Condenser Fan Motors

Ball Bearing

Features / Specifications:

- Air conditioning or heat pump duty
- All angle mount
- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- UL Recognized

Reversible Rotation – 208-230 Volts

MARS NO.	HP	RPM/SPEED
22458	1/6 - 1/3	1075
22459	1/8 - 1/3	825
22465	1/6 - 1/3	1075/2
22468	1/8 - 1/2	1075/2
22469	1/6 - 1/3	825/2





Condenser Fan Motors

Ball Bearing

Features / Specifications:

- All angle mount
- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- Fan duty, continuous air over
- UL Recognized
- 70°C, 158°F

Reversible Rotation – Single Speed – 208-230 Volts

MARS NO.	HP	CAP REQUIRED
1075 RPM		
26726	1/5	5/370
26727	1/6	5/370
26728	1/4	5/370
26729	1/3	7.5/370
26730	1/2	10/370
26731	3/4	10/370
825 RPM		
26403	1/6	5/370
26404	1/4	5/370
26405	1/3	7.5/370
26746	1/2	12.5/370

Multi-Horsepower Condenser Fan Motors

Ball Bearing

Features / Specifications:

- All angle mount
- Thru bolt or band mounting
- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- UL Recognized
- 70°C, 158°F

Reversible Rotation – 208-230 Volts

MARS NO.	HP	RPM/SPEED
26458	1/6 - 1/3	1075
26459	1/8 - 1/3	825
26465	1/6 - 1/3	1075/2
26468	1/8 - 1/2	1075/2
26469	1/6 - 1/3	825/2





Direct Drive Blower Motors

Ball Bearing

Features / Specifications:

- All angle mount
- Class "B" insulation
- Single phase, 60 Hertz
- Thermal overload protected
- Fan duty, continuous, air over
- UL Recognized

Reversible Rotation – 1075 RPM – Three Speed

MARS NO.	HP	VOLTS	CAP REQUIRED
22583	1/4	115	5/370
22584	1/4	208-230	5/370
22585	1/3	115	5/370
22586	1/3	208-230	5/370
22587	1/2	115	10/370
22588	1/2	208-230	7.5/370
22589	3/4	115	15/370
22590	3/4	208-230	10/370



Multi-Horsepower Direct Drive Blower Motors

Ball Bearing

Features / Specifications:

- Class "B" insulation
- Single phase, 60 Hz
- Thermal overload protected
- UL Recognized

Reversible Rotation – 1075 RPM – Four Speed

MARS NO.	HP	VOLTS
22463	1/6 - 1/2	115
22464	1/6 - 1/2	208-230
22466	1/5 - 3/4	115
22467	1/5 - 3/4	208-230





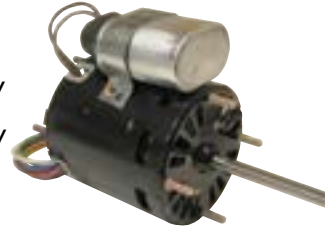
STOCK REPLACEMENT PRODUCTS

D1127 Multi-Horsepower Commercial Refrigeration Evaporator Motor

Great Truck Stock!

Fasco Motor Quick Facts:

- 3.3" Diameter
- Open Ventilation
- Energy Efficient PSC
- Sleeve Bearing
- Thermally Protected
- UL Recognized
- CSA Certified



Replaces 12 Motor Ratings:

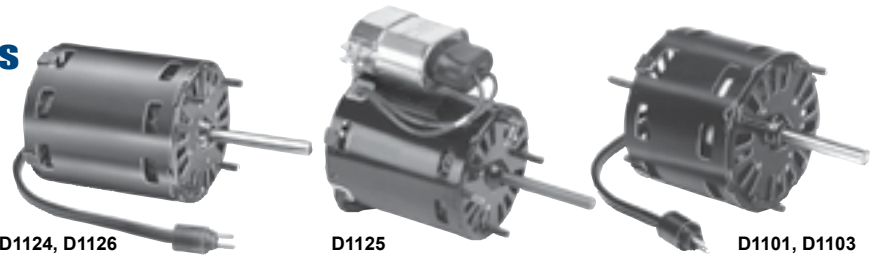
1/12 HP 115V CW	1/15 HP 115V CW	1/20 HP 115V CW
1/12 HP 115V CCW	1/15 HP 115V CCW	1/20 HP 115V CCW
1/12 HP 230V CW	1/15 HP 230V CW	1/20 HP 230V CW
1/12 HP 230V CCW	1/15 HP 230V CCW	1/20 HP 230V CCW

- Reversible
- High Efficiency
- Energy-Saving PSC

FASCO MODEL NO.	HP	VOLTS	RPM	AMPS	SWITCH	SPEEDS	SHAFT
D1127	1/12, 1/15, 1/20	115/230	1550	1.1/0.6	No	1	5/16" X 3"

*Can Be Applied In Hundreds Of...
Bohn, Larkin, McQuay, Kramer &
Other OEM Applications*

3.3 Dia. Evaporator Coil & Fan Motors Drop-In Replacements



Sleeve Bearing

FASCO MODEL NO.	TYPE	HP	VOLTS	SPD.	AMPS	ENCLOSURE	ROT.	SHAFT DIM.
BOHN - 1550 RPM								
D1124	SP	1/20	115	1	2.1	Open Ventilated	CW	5/16 X 3
D1126	SP	1/15	230	1	1.1	Open Ventilated	CW	5/16 X 3
D1125	PSC	1/12	208-230	1	0.4	Open Ventilated	CW	5/16 X 2-5/8
LARKIN COIL - 1500 RPM								
D1101	SP	1/20	115	1	1.9	Open Ventilated	CCW	5/16 X 2-1/4
D1103	SP	1/20	208-230	1	1.15	Open Ventilated	CCW	5/16 X 2-1/4

Draft Inducer Blower Assembly



FASCO MODEL NO.	TYPE	VOLTS	SPD	AMPS	CROSS REFERENCE
A079	SP	115	1	1.1	Rheem Ruud 74-70-21496-03-01, 74-70-21504-03-04 Goodman B1859000, 7021-6804, JA1M106, JA1M137 Trane B1W24, WG94X167

**Always use an exact replacement when servicing draft inducer blowers!
See the MARS Catalog - #98605 for complete offering of Fasco Motors**



STOCK REPLACEMENT PRODUCTS

Single Phase Commercial Condenser Fan Motors

Where Used Air conditioning and heat pump condensers

Single Phase, PSC, Totally Enclosed, Air Over

MODEL NO.	HP	RPM	VOLTAGE	FRAME	COMPETITOR CROSS REFERENCE				
					AO SMITH/CENTURY	FASCO	GE	MAGNETEK	US MOTORS
X412	1/4	1075/1	208-230	48Y	FSE1026SV1	D909	3728	176	1860

Thru-Bolt, Shaft-Up or Horizontal

MODEL NO.	HP	RPM	VOLTAGE	FRAME	COMPETITOR CROSS REFERENCE		
					AO SMITH/CENTURY	US MOTORS	
X400	1/2	1075/1	460	48Y	FEH1056SF, 435A	3738	
X099	3/4	1075/1	460	48Y	FH1076	3742	



Three Phase Commercial Condenser Fan Motors

Where Used Air conditioning and heat pump condensers

Air Over, Rigid Base

MODEL NO.	HP	RPM	VOLTAGE	FRAME	COMPETITOR CROSS REFERENCE			
					AO SMITH/CENTURY	BALDOR	LEESON	US MOTORS
X523	1 1/2	1140	208-230/460	56HZ	H1051A	CFM3166A	111148	1821H



Belly Band, Resilient Mount

MODEL NO.	HP	RPM	VOLTAGE	FRAME	COMPETITOR CROSS REFERENCE					
					AO SMITH/CENTURY	BALDOR	FASCO	LEESON	MAGNETEK	US MOTORS
X502	1	1140	200-230/460	56Y	H1050A	CFM3156A	D6608	-	H667	1818H
X507	1	850	200-230/460	56Y	H1053A	-	-	-	H686	1828V
X503	1 1/2	1140	200-230/460	56Y	H1051A	CFM3166A	D6610	111148	H767	1819H
X509	2	1140	200-230/460	56Y	H698	-	-	-	H698	8987V



MARS NO.	MODEL NO.	DESCRIPTION	AO SMITH/CENTURY	COMPETITOR CROSS REFERENCE			
				MAGNETEK	FASCO	EMERSON	BALDOR
X459	048A11T581	3/4HP 460V Ball	FEH1076SF	-	-	-	-

* No reversing plug





STOCK REPLACEMENT PRODUCTS

Single Phase Fan and Blower Motors

Where Used Medium and large building ventilation systems, commercial kitchen exhaust systems

Split Phase, Dripproof, Resilient Base

MODEL NO.	HP	RPM	VOLTAGE	FRAME	PROTECTION	COMPETITOR CROSS REFERENCE			
						AO SMITH/CENTURY	BALDOR	MAGNETEK	US MOTORS
B302	1/4	1725	115	48YZ	NONE	919L	–	919	D14B2N4Z
B303	1/4	1725	115	48YZ	AUTO	GF2024	RSP1441A	808	3618
4706	1/3	1725	115	48YZ	AUTO	GF2034	RSP2442A	–	8100
B208	1/2	1725	115	48YZ	AUTO	GF2054	RSP3451A	811	8200



Capacitor Start, Dripproof, Resilient Base

MODEL NO.	HP	RPM	VOLTAGE	FRAME	PROTECTION	COMPETITOR CROSS REFERENCE					
						AO SMITH/CENTURY	BALDOR	FASCO	LEESON	MAGNETEK	US MOTORS
B315	1/3	1725	115/208-230	48YZ	AUTO	RBF1034A	–	–	–	–	180
B317	1/2	1725	115/208-230	56	AUTO	C412V1	RL1304A	D6084	100011.00	–	D12CA2JH9
B318	3/4	1725	115/208-230	56	NONE	C666	–	–	100016.00	C666	D34C2J9
B319	3/4	1725	115/208-230	56	AUTO	C426V1	RL1307A	D6086	100012.00	–	1893
C1158	1	1725	115/208-230	56	AUTO	C523V1	RL1310A	D6088	110007.00	–	D1CA2JH9
4688	1	1725	115/208-230	56Z	AUTO	C523V1	RL1310A	D6088	110007.00	–	D1CA2JH9



Direct Drive Fan & Blower, Reversing Plug, Sleeve, 1075/3, OAO

MODEL NO.	MODEL NO.	DESCRIPTION	COMPETITOR CROSS REFERENCE			
			AO SMITH/CENTURY	MAGNETEK	FASCO	EMERSON
X002	048A110B1769	1/3HP 115V	DL1036	O532	D727	1864
X004	048A110B1755	1/2HP 115V	DL1056	O531	D701	1865
X009	048A110787	3/4HP 115V	DL1076	O678	D726	8904



Line Set Covers

Attractive and durable line set cover for protecting and concealing refrigerant tubing/insulation, control wire, and drains. Ideal for ductless and all other applications requiring exposed refrigeration line sets. All connectors have front and back plates which fasten together with two screws.

- Vulnerable components are protected from solar/ environmental exposure
- Aesthetically conceals mechanicals in architectural-grade, paintable plastic duct
- Two (2) separate cover sizes to choose from – 3” and 4” duct widths – provide ample room for multiple line sets and larger tonnage equipment
- Easy, flexible configuration for new or retrofit applications



93729

Product & Accessories



93729
3.25' Straight
Duct, 3"
Case Qty.: 8



93738
3.25' Straight
Duct, 4"
Case Qty.: 6



93730
Wall Cover, 3"
Case Qty.: 5



93739
Wall Cover, 4"
Case Qty.: 5



93731
90° Wall
Corner, 3"
Case Qty.: 10



93740
90° Wall
Corner, 4"
Case Qty.: 5



93732
90° Corner, 3"
Case Qty.: 5



93741
90° Corner, 4"
Case Qty.: 5



93733
Plane
Corner, 3"
Case Qty.: 10



93742
Plane
Corner, 4"
Case Qty.: 5



93734
Duct
Connector, 3"
Case Qty.: 10



93743
Duct
Connector, 4"
Case Qty.: 5



93735
End Cap, 3"
Case Qty.: 5



93744
Flexible Duct, 4"
Case Qty.: 5



93736
Flexible Duct, 3"
Case Qty.: 10



93728 3" Line Set Cover Kit:

- 4 x 93729 3.25' Straight Duct
- 1 x 93731 90° Wall Corner
- 1 x 93732 90° Corner
- 1 x 93733 Plane Corner
- 1 x 93734 Duct Connector
- 3 x 93734 Duct Connector
- 1 x 93735 End Cap
- 1 x 93736 Flexible Duct

Case Qty: 1



93737 4" Line Set Cover Kit:

- 4 x 93738 3.25' Straight Duct
- 1 x 93740 90° Wall Corner
- 1 x 93741 90° Corner
- 1 x 93742 Plane Corner
- 3 x 93743 Duct Connector
- 1 x 93744 Flexible Duct

Case Qty: 1



MARS 18 Gauge Thermostat Cable - ETL Listed

MARS 18 gauge thermostat wire is a class 2 power-limited circuit cable for use in thermostat control applications.

Specifications: ETL Listed type CL2. UV rated. Temp rating

-20°C to +60°C. Meets UL 1581 Vertical Tray Flame Test (FT-1). Soft drawn bare copper, semi-rigid pvc insulation and PVC overall jacket.



MARS NO.	DESCRIPTION	LBS. MFT	MARS PACK
84201	18 AWG, 2 conductors, 500 ft. spool	15	4
84202	18 AWG, 3 conductors, 500 ft. spool	21	4
84203	18 AWG, 4 conductors, 250 ft. spool	27	4
84204	18 AWG, 5 conductors, 250 ft. spool	34	4
84205	18 AWG, 6 conductors, 250 ft. spool	40	4
84206	18 AWG, 7 conductors, 250 ft. spool	45	4
84207	18 AWG, 8 conductors, 250 ft. spool	51	4
84209	18 AWG, 10 conductors, 250 ft. spool	63	4

MARS 20 Gauge Thermostat Cable - UL Listed

MARS 20 gauge thermostat wire is a class 2 power-limited circuit cable for use in thermostat control applications.

Specifications: UL type CL2.

UV rated. Temp rating

-20°C to +60°C. Soft drawn bare copper, semi-rigid pvc insulation and PVC overall jacket.



MARS NO.	DESCRIPTION	LBS. MFT	MARS PACK
84211	20 AWG, 2 conductors, 500 ft. spool	11	4
84213	20 AWG, 4 conductors, 250 ft. spool	18	4
84214	20 AWG, 5 conductors, 250 ft. spool	22	4
84215	20 AWG, 6 conductors, 250 ft. spool	26	4
84217	20 AWG, 8 conductors, 250 ft. spool	33	4

Shielded Plenum T-Stat Wire - UL Listed - Type CL2P-Stranded



MARS NO.	DESCRIPTION	LBS. MFT	MARS PACK
84461	18 AWG, 2 conductors, 500 ft spool	17	4

18 Ga ETL Listed Thermostat Wire - Self Dispensing Coils

MARS thermostat wire is now available in self dispensing coil packs. These shrink wrapped coils are easier to use and more convenient to store than the traditional thermostat wire sold on spools/reels.

Features & benefits:

- Heavy duty shrink wrapped coils for durability
- No reels to bend, break, or rust
- Compact coils are easier to store – takes up less space
- Easier to handle
- Stacks better
- Easy and convenient to use

How to use:

- Simply punch hole in center of wrap (Do not remove wrap)
- Pull loose end of wire from center (Wire will pull out easily)
- Snip off the required amount of wire
- Tuck loose end back into the coil for storage



MARS NO.	DESCRIPTION	MARS PACK
84401	18/2 500 ft. Coils	4
84402	18/3 500 ft. Coils	4
84403	18/4 250 ft. Coils	4
84404	18/5 250 ft. Coils	4
84405	18/6 250 ft. Coils	4
84406	18/7 250 ft. Coils	4
84407	18/8 250 ft. Coils	4

Plenum T-Stat Wire - Solid ETL Listed

- Temp rating (-20°C to 75°C)
- ETL Listed, CL2P
- Thermoplastic jacket (2500 PSI min)
- Thermoplastic insulation (2000 PSI min)
- Can be used in overhead plenum area without conduit



MARS NO.	DESCRIPTION	MARS PACK
84241	18 AWG, 2 conductors, 500 ft. spool	4
84242	18 AWG, 3 conductors, 500 ft. spool	4
84243	18 AWG, 4 conductors, 250 ft. spool	4
84244	18 AWG, 5 conductors, 250 ft. spool	4
84245	18 AWG, 6 conductors, 250 ft. spool	4



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