

Innovative Products



RUGGED, RELIABLE & IMPACT RESISTANT...



Multiple Sizes, Profiles, & Colors

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

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

PolarPan Heavy Duty HVAC Pans

No Rust. No Breaks. No Leaks.

HVAC installations begin better with PolarPan Heavy Duty HVAC Pans. Designed as a direct replacement for metal drain pans, the PolarPan is injection molded from high density polyethylene (HDPE), making it strong, durable and lightweight. The PolarPan will be available in multiple sizes, and its unique design features pre-plumbed fittings that can be switched between long and short installations (allowing distributors to stock fewer parts). Each PolarPan ships with pre-installed fittings (never lose your fittings in transit again). Strong, uniform ribbing along the underside insures that the pan always lays flat.

Features & Benefits:

- Strong, Durable & Impact Resistant
- Engineered & Designed to Resist Cracking, Breaking & Warping
- Drain Ports on Long & Short Sides
- Limit Switch Mounting Plates
- Reinforced, Uniform Ribbing
- Reduced Sharp Edges, Corners
- Reinforced Sidewalls, Corner
- Bracing & Strap Attachment Areas
- Temperature Resistant
- Pan Size Stamped on Every Part
- Lightweight, Easy to Handle
- Silver Color

MARS NO.	MODEL	SIZE: W x L x H (IN)	WEIGHT (LBS)	PALLET QUANTITY
21833	POLARPAN6432	64 x 32 x 3.5	17.9	21

Additional sizes coming soon

PolarPan™



Disclaimer: **Fittings should be re-tightened during installation. Exclusions or Limitations: PolarPan containment pans are designed and manufactured to be used as secondary containment for HVAC equipment. Use of PolarPan pans for purposes other than those listed above or improper installation of PolarPan pans may result in pan failure. DuraPlas disclaims any liability due to such misuses or improper installation.



**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® ADVANCED Specialty Sealant

Fast Setting, One Step Cement

All Weather Conditions, Works on Wet or Dry Pipe
Meets ASTM D2564



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® PVC Cement

Fast Setting, One Step Cement

All Weather Conditions,
Works on Wet or Dry Pipe
Meets ASTM D2564



Installation

FLAMELESS

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



TXV & Reversing Valve Installation Kit

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 Disconnect Boxes

MARS No.	Description	Top/Side Open	Value/Basic/Premium
80301	Low Profile 60 Amp, Non-Fused	Side Open	Value
83615	60 Amp, Non-Fused	Top Open	Value
83616	30 Amp, Fused	Top Open	Value
83617	60 Amp, Fused	Top Open	Value
83315	60 Amp, Non-Fused	Top Open	Basic
83316	30 Amp, Fused	Top Open	Basic
83317	60 Amp, Fused	Top Open	Basic
83396	Compact 30 Amp, Fused	Top Open	Basic
80315	60 Amp, Non-Fused	Side Open	Premium
80316	30 Amp, Fused	Side Open	Premium
80317	60 Amp, Fused	Side Open	Premium



MARS Bulk Packaged

A/C Whips, Non-Metallic Fittings

- Packaged gaylord style
- Bulk box for easy access



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



7 MOTORS = ALL JOBS SOLVED

Variable Speed ECM 2 Motors Replace Most Any OEM

Azure connects directly to OEM harnesses



4 Pin Variable Speed



16 Pin Variable Speed

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.

2 Motors Replace Any Constant Torque ECM

One Touch Autosizing

One touch of a button automatically assigns torque for the ductwork

Individual Speed Tap Adjustments

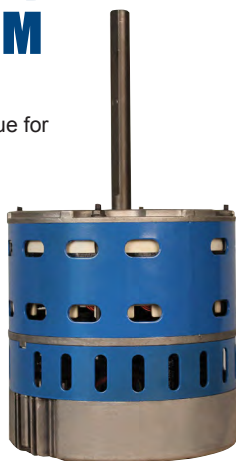
Dial in the temperature rise with 1% torque increments. Tune out annoying high frequency harmonics. Optimize CFM

Real Time Data

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

Drop-in Installation

Simple to wire; connects directly to all factory OEM harnesses



MARS No.	HP	Voltage	Rotation	OEM Constant Torque Application
10858	1/5 - 1/2	115/230	REV	X13 [®] , Ensite [®] , Endura [®] , Digi-Motor [®] , SelecTech [®]
10859	1/2 - 1	115/230	REV	X13 [®] , Ensite [®] , Endura [®] , Digi-Motor [®] , SelecTech [®]

2 Motors Replace ANY PSC Blower Motor

Drop-In ECM Direct Drive Replaces Standard PSC Motors

Dedicated 625RPM Speed Tap

Ideal for IAQ equipment

Constant Torque Design

Improves airflow

Simple Line Voltage Speed Taps

Wires like the PSC motor it replaces

Ultimate Truck Stock Motor

Saves time and money



MARS No.	Dia.	HP	Volts	Speeds	Rotation	Includes Quickswap [®] Board
10865	5.5"	1/3-1/2	115/230	5*	REV	NO
10866	5.5"	3/4-1	115/230	5*	REV	NO

One Motor Replaces Most PSC Condenser Fan Motors

825 & 1075 RPM Motor in One

Easy to Mount

The short shell 1/3 HP fits where larger competitive motors will not

Easy to Configure

Simply power the motor to cycle it through 4 possible configurations and lock in the desired mode;

1075 RPM CW • 1075 RPM CCW
825 RPM CW • 825 RPM CCW

Simple 2 Wire Installation

Connect the 2 motor leads directly to the definite purpose contactor; there are no capacitor, rotation, or RPM jumper wires

Outboard Surge Protection

Unique to Azure[®] is the replaceable outboard surge protector included within the wire harness of each Azure[®] condenser fan motor



MARS No.	HP	Volts	RPM	Rotation	Orientation	Rheem Holes
10874	1/8 - 1/3	208-230	825/1075	REV	Shaft Down	Yes

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



MARS Definite Purpose Contactors 780 Series

Professional Grade

- Most robust, longest lasting design available
- Heavy duty silver alloy contacts for maximum endurance
- Enclosed coil to prevent penetration of dirt and insects
- Meets ARI 780/790 requirements
- 75 and 90 Amp contactors are A2L compliant
- Large arch window box lugs
- Box lug and screw terminal options
- "Push to test" button (not on 75 and 90 amp contactors)
- Removable cover for service
- Replaceable coils on three pole contactors



MARS NO.		FLA	TYPE	LOCKED ROTOR AMPS			NON INDUCTIVE AMPS	COIL VOLTS	CROSS REFERENCE
SCREW TYPE	BOX LUG			240	277	600			
61320	61720	30	1 Pole with Shunt	180	180		40	24	45E*10AJA
61321	61721							120	45E*10AFA
61322	61722							208-240	45E*10AGA
61345	61745		2 Pole	180	150	120	40	24	45E*20AJ
61346	61746							120	45E*20AF
61347	61747							208-240	45E*20AG
61430	61750		3 Pole	180	150	120	40	24	42B*35AJ
61431	61751							120	42B*35AF
61432	61752							208-240	42B*35AG
	61755	40	2 Pole	240	200	160	50	24	45G*20AJ
	61756							120	45G*20AF
	61757							208-240	45G*20AG
	61445			240	200	160	50	24	42C*35AJ
	61446							120	42C*35AF
	61447							208-240	42C*35AG
	61460	50	3 Pole	300	250	200	63	24	42D*35AJ
	61461							120	42D*35AF
	61462							208-240	42D*35AG
	61470	60		360	300	240	75	24	42E*35AJ
	61471							120	42E*35AF
	61472							208-240	42E*35AG
	62480	75		450	375	300	94	24	42F*35AJ
	62481							120	42F*35AF
	62482							208-240	42F*35AG
	62490	90		540	450	360	120	24	42G*35AJ
	62491							120	42G*35AF
	62492							208-240	42G*35AG

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



MARS Definite Purpose Contactors 910 Series

OEM Grade

- Designed and manufactured to OEM standards
- Heavy duty silver alloy contacts for maximum endurance
- Compliant with A2L refrigerants
- Enclosed coil to prevent penetration of dirt and insects
- Meets ARI 780/790 requirements
- Box lug and screw terminal options
- "Push to test" button (not on 75 and 90 amp contactors)
- Additional features on 3 pole contactor
 - Removable cover and base permits access for service
 - Full Range of auxiliary switches



91311-13



91431-33

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*230T¹	
91322	91326							120	TMX230B2	C25*N*230A¹	
91323	91327							208/230	TMX230C2	C25*N*230B¹	
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								2	240	200
	91422		120	TMX240B2	C25*N*240A¹						
	91423		208/230	TMX240C2	C25*N*240B¹						
	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

CMA15**SA-Series

Comfort-Cire®

**NEW
Variable
Capacity
Series**



HORIZONTAL DISCHARGE CONDENSER

1 to 4 Tons

*Six models to choose
from 12,000 to 48,000 BTUH*

COOLING

5°F (-15°C) – 122°F (50°C)

Features

- Compact design coupled with standard wall brackets allow for multiple condensing units in the same footprint - ideal for light-commercial applications
- Ultra quiet operation is rated as low as 57 decibels
- Low voltage 24V control system for universal use

Unmatched Comfort, Unbelievably Economical.

Introducing the new SE Series.

**New
Series!**

Comfort-Cire®



SPLIT CONDENSERS

- AC: Min. 13.4 SEER2 and 14.3 SEER2 Models
- HP: Min. 14.3 SEER2 Models
- 1.5 – 5T models with quiet operation and ECM fan motors
- Painted, louvered steel cabinets provide superior durability

MULTI-POSITION AIR HANDLER

- Available with PSC or CT motor
- 2T – 5T models with all aluminum coils
- Certified less than 2% leak rate
- Optional field installed heat kits available



MULTI-POSITION GAS FURNACE

- Single-stage 80% AFUE or two-stage 96% AFUE
- Aluminized steel tubular primary heat exchanger
- Stainless steel secondary heat exchanger
- Quiet, multi-speed ECM blower
- LP kit included

RESIDENTIAL PACKAGED UNITS

- Gas/Electric: 13.4 SEER2 and 81% AFUE
- Heat Pump: 13.4 SEER2
- Horizontal or downflow discharge



CASED A-COIL

- 1.5T – 5T with complete ratings
- Multi-position installation
- Fully insulated cabinet prevents sweating



VCD-Series

Comfort-Cire®



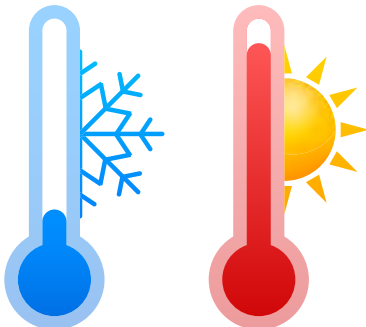
Extreme Performance Heat Pump

Up to 18.0 SEER2

*Six models to choose
from 18,000 to 60,000 BTUH*

Features

- Accepts traditional 24VAC thermostats for convenience and advanced control options
- Wired programmable control included
- Optional electric resistance heat kits
- Multi-position air handler
- Multi-position cased coil available for dual-fuel applications



Operating range:

Cooling

5°F (-15°C) – 122°F (50°C)

Heating

-22°F (-30°C) – 75°F (24°C)

Manufactured Housing

ELECTRIC FURNACES

E7ED - Downflow
E7EM - Upflow / Downflow

E7-Series Electric furnaces with integral 31-1/2" coil cabinet, or blower-only cabinets for use with grille-and-frame assemblies.



MG1E*A

MG1E*B



E7ED

E7EM

80% GAS FURNACES

*MG1E*A - Downflow Without Coil Box*
*MG1E*B - Downflow With Coil Box*

MG1E-Series 80% AFUE with integral 21" coil cabinet, or heating-only models.

95% GAS FURNACES

*MG2R*A - Downflow Without Coil Box*
*MG2R*B - Downflow With Coil Box*
*MG2R*C - Downflow With Coil Box*

MG2R-Series 95% AFUE with integral 21" coil cabinet, or heating-only models. All have true Manufactured Housing standard footprint.

MG2R*C 95% AFUE with integral 27" coil cabinet.



M5SB*B

M5SB*A



MG2R*A

MG2R*B

83% OIL FURNACES

*M5SB*A - Downflow Without Coil Box*
*M5SB*B - Downflow With Coil Box*

M5SB-Series 83% AFUE Oil Furnaces with integral 21" coil cabinet, or heating-only models.