



2018  
CATALOG

Marshall, MI • (269) 789-6700 • [www.marshallexcelsior.com](http://www.marshallexcelsior.com)

A photograph of a white travel trailer parked in a dense forest. A man and a woman are sitting in chairs in front of the trailer, and a dog is sitting between them. The scene is lit with soft, natural light filtering through the trees.

RV PARTS  
& ACCESSORIES



# Innovation Made Simple

For over 35 years Marshall Excelsior Company has been a progressive manufacturer of top quality and competitively priced LPG & NH3 equipment that is leading the industry in innovation and low emission products. We offer a full range of products that support the LPG & NH3 Bulk Plant, Transport, Delivery/Dispensing, and Domestic applications. As our product line continues to grow, we are striving to improve product functionality while taking the industry standards to a higher level of quality and performance without adding excessive cost. While following along this path, our engineering staff exercises a heavy reliance on the input from our customers throughout any new product design phase. It has been through these theories and approaches that we have been able to carve out our niche in an industry where safety and performance must work hand-in-hand. Our goal is to create the safest equipment solutions for everyday operations while allowing the largest amount of product to be transferred, dispensed, or otherwise used, resulting in an overall savings to the customer.

In addition to our company philosophy for new product development, you will find our approach to daily operations equally unique. In a time where materials, fuels, and other manufacturing costs are on the rise, we have not only remained competitive, but one of the industry leaders in on-time deliveries and short lead-times. The reason is simple; we not only manufacture our products effectively, but carry one of the most extensive on-hand inventories available in the industry. This allows our distributors to react quickly without having an excessive amount of stock on hand.

Put this together with our proactive, responsive sales and customer service staff and you have a winning combination.

As one of the industry leaders in responsiveness it is essential for our organization to be able to react in a rapid fashion, hence our fully integrated manufacturing and purchasing process. Our capabilities in manufacturing range from high volume to custom made product. Both of which are supported by our wide variety of manufacturing equipment, highly skilled personnel, and dedicated purchasing staff. Combine these attributes with our top notch ISO9001 quality system and you have a combination that easily rivals that of our nearest competition.

Over the course of time Marshall Excelsior Company has become a name that our customers can rely on not only for high quality products and services, but as a partner in building their business. Together, with our commitment to the industries served and our eagerness to improve and expand our product-line our customers routinely find the opportunity to promote our organization. It is through this personal touch that our family owned and operated business has become the organization that it is today. We are confident that as our company continues to develop and mature in our industries, Marshall Excelsior Company will become a brand of choice.

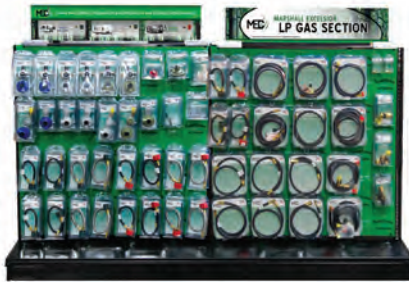


ISO  
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9001



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# LP GAS SECTION

Offering the most POPULAR, TOP QUALITY fittings, hoses & Excelsa-Flo regulators

## ME-POG-4-E



\*Includes backdrop, header, clips and re-order cards

PARTS INCLUDED:		<u>Q.D. HOSES</u>		<u>KITS</u>	
<u>REGULATORS</u>	<u>QTY</u>		<u>QTY</u>		<u>QTY</u>
MEGR-253P	4	MER14TCQD-72P	2	MER470	1
MEGR-291P	2	MER14TCQD-144P	2	MER471	1
MEGR-295P	2			MER473	1
MEGR-298P	2	<u>ADAPTERS</u>		<u>TEES &amp; ELBOWS</u>	
MEGR-230P	2	ME475P	2	ME412P	2
		ME318P	2	ME413P	2
		ME1690P	2	ME415P	2
		ME1654P	2	ME418P	2
		ME487P	2	ME420P	2
		ME488P	2	ME422P	2
		ME492P	2	ME423P	2
		ME480P	2	ME425P	2
		ME481P	2		

Marshall Excelsior Company offers a wide variety of Plan-O-Gram options including Excela-Flo High Capacity, Low Capacity or Standard regulators which can be paired with high pressure, low pressure or standard hoses.



## ME-POG-4A-E



\*Includes backdrop, header, clips and re-order cards

### PARTS INCLUDED:

<u>REGULATORS</u>	<u>QTY</u>	<u>HOSES</u>	<u>QTY</u>	<u>Q.D HOSES</u>	<u>QTY</u>
MEGR-253P	2	MER425-12P	2	MER14TCQD-72P	1
MEGR-253HP	2	MER425-15P	4	MER14TCQD-144P	1
MEGR-291P	2	MER425H-15P	2		
MEGR-291HP	2	MER425-18P	2		
MEGR-295P	2	MER425-24P	2		
MEGR-298P	2	MER426-15P	2		
MEGR-230P	2	MER426-20P	4		
MEGR-130-30P	2	MER426H-20P	2		





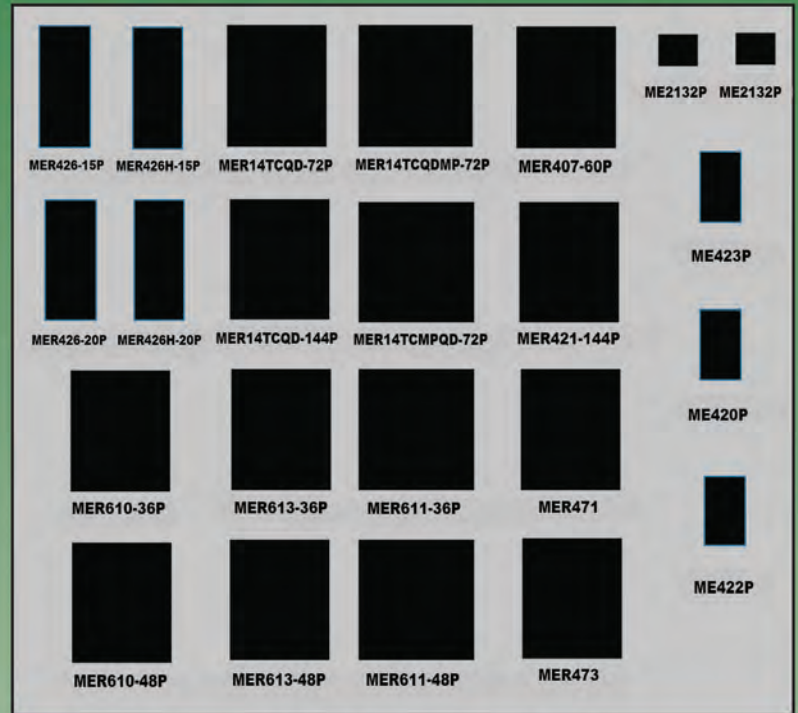
# LP GAS SECTION

Offering the most POPULAR, TOP QUALITY fittings, hoses & Excela-Flo regulators

## ME-POG-4-H



\*Includes backdrop, header, clips and re-order cards



PARTS INCLUDED:		<u>HOSES</u>	<u>QTY</u>	<u>HOSES</u>	<u>QTY</u>
<u>FITTINGS</u>	<u>QTY</u>	MER407-60P	2	MER611-36P	2
ME2132P (2PK)	4	MER421-144P	2	MER611-48P	2
ME420P	2	MER426-15P	2	MER613-36P	2
ME422P	2	MER426H-15P	2	MER613-48P	2
ME423P	2	MER426-20P	2		
		MER426H-20P	2	<u>Q.D. HOSES</u>	<u>QTY</u>
<u>KITS</u>	<u>QTY</u>	MER610-36P	2	MER14TCQD-72P	2
MER471	1	MER610-48P	2	MER14TCQD-144P	2
MER473	1			MER14TCMPQD-72P	2
				MER14TCQDMP-72P	2



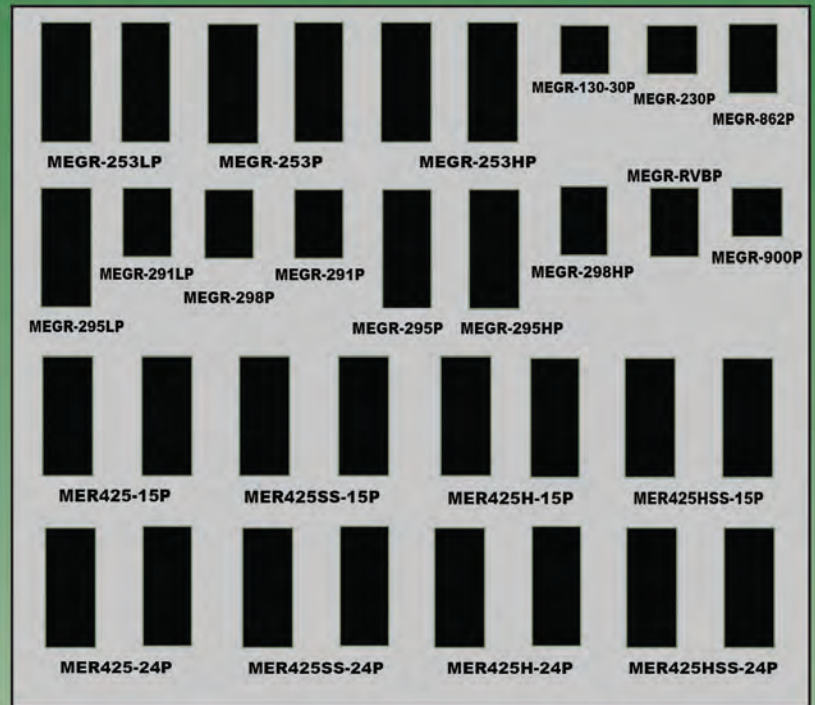
Marshall Excelsior Company offers a wide variety of Plan-O-Gram options including EXCELA-FLO High Capacity, Low Capacity or Standard regulators which can be paired with high pressure, low pressure or standard hoses.



## ME-POG-4-M



\*Includes backdrop, header, clips and re-order cards




### PARTS INCLUDED:

<u>REGULATORS</u>	<u>QTY</u>	<u>REGULATORS</u>	<u>QTY</u>	<u>HOSES</u>	<u>QTY</u>
MEGR-253LP	4	MEGR-298P	2	MER425-15P	4
MEGR-253P	4	MEGR-298HP	2	MER425H-15P	4
MEGR-253HP	4	MEGR-130-30P	2	MER425-24P	4
MEGR-291LP	2	MEGR-230P	2	MER425H-24P	4
MEGR-291P	2			MER425SS-15P	4
MEGR-295LP	2			MER425HSS-15P	4
MEGR-295P	2	<u>REG. COVERS</u>	<u>QTY</u>	MER425SS-24P	4
MEGR-295HP	2	MEGR-RVBP	2	MER425HSS-24P	4
		MEGR-900P	2		
		MEGR-862P	2		

# EXCELA-FLO Automatic Changeover Regulator

The Model MEGR-253 Automatic Changeover Regulator automatically redirects LP gas vapor flow from an empty service cylinder to a reserve cylinder, without interruption of service. It features an easy to read green indicator which changes to red when the service cylinder needs to be refilled. The MEGR-253 and MEGR-253H Series regulators meet UL, RVIA and NFPA requirements.

## SPECIFICATIONS:

- Type:** Two Stage
- Max Inlet Pressure:** 250 PSI
- Inlet Connection:** 1/4" Female Inverted Flare
- Outlet Connection:** 3/8" FNPT
- Exterior Finish:** Raw Zinc / Powder Coat
- Diaphragm:** Fabric Reinforced Molded with O-Ring Bonnet / Body Seal
- Diaphragm Type:** Internal Relief - Spring Loaded
- Bonnet/ Body Material:** Die Cast Zinc
- Listings:**  LISTED / UL 144
- Mounting Holes:** 3-1/2" On Center
- Pressure Taps:** 1/8" FNPT Plugged



EXCELA-FLO High Capacity Automatic Changeover Regulator and High Flow Pigtail Kit	
Part No.	Description
MEGR-253HP-PT15	1 MEGR-253H and 2 MER425H-15 hoses assembled in a clamshell
MEGR-253HP-PT24	1 MEGR-253H and 2 MER425H-24 hoses assembled in a clamshell



**MEGR-253**  
Automatic Changeover  
Regulator



**MEGR-253H**  
High Capacity  
Automatic Changeover  
Regulator



**MEGR-253L**  
Low Capacity  
Automatic Changeover  
Regulator



Part No.	Packaged Part No.*	Description	Primary Cylinder BTU/Hr.**	Reserve Cylinder BTU/Hr.**	Covers	Mounting Bracket
MEGR-253	MEGR-253P	2 Stage Auto Changeover Regulator 1/4" Inv. Flare x 3/8" FNPT	225,000	150,000	MEGR-862	MEGR-900 or MEGR-RVB
MEGR-253H	MEGR-253HP	High Capacity 2 Stage Auto Changeover Regulator 1/4" Inv. Flare x 3/8" FNPT	350,000	200,000		
MEGR-253L	MEGR-253LP	Low Capacity 2 Stage Auto Changeover Regulator 1/4" Inv. Flare x 3/8" FNPT	175,000	100,000		

\* Packaged option consists of a plastic clamshell with barcode

\*\* BTU/H Capacity @ 20% Droop

NOTE: MEGR-253 and MEGR-253H set point: 100 PSIG Inlet @ 11" WC outlet Flowing @ 30 SCFH Air





# Excelsior Flo Automatic Changeover Regulator

## !WARNING!

Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death.

Marshall Excelsior equipment must be installed, operated, and maintained in accordance with federal, state, and local codes and MEC instructions. The installation in most states must also comply with NFPA 58 and NFPA 54 standards.

Only personnel trained in the proper procedures, codes, standards, and regulations of the LP-Gas industry should install and service this equipment.

## !DANGER!

Black changeover lever must be rotated as far as possible towards reserve cylinder before disconnecting empty cylinder.

Failure to rotate changeover lever and / or disconnection of hose while indicator is red will result in a propane gas leak which, if ignited, may cause property damage, bodily injury, or death.

## Description

The MEC Automatic Changeover Regulator automatically redirects LP gas vapor flow from an empty designated service cylinder to a reserve cylinder, without interruption of service. It is ideal for use with Recreational Vehicles (RV's), small cottages and cabins.

## !CAUTION!

The MEC regulators are to be installed or adjusted by qualified LP Gas or RV service personnel only. Contact a qualified LP Gas or RV dealer for installation.

## Operation

Ensure that the regulator has been mounted with the vent pointing downward so that water or debris cannot gather in the regulator. Place one of the two cylinders in "primary" by switching the black changeover lever in the direction of the selected cylinder. The arrow on the lever will denote the "primary" side. Open both cylinder valves slowly. The indicator on the top of the regulator will turn green.

The "primary" side of the regulator will continue to supply gas as long as sufficient gas is present in the "primary" cylinder. When pressure in the cylinder drops below a designated pressure, the "reserve" side will open and continue to primary gas to the regulator. At the time that the "primary" cylinder becomes exhausted, the indicator on the changeover lever will turn partial red and green, indicating a cylinder change can be made.

## Cylinder Exchange

Prior to removing the empty cylinder, position the black changeover lever so that it points to the alternate cylinder that is



FIGURE 1: MEGR-253 AND MEGR-253H

now supplying the regulator. Close the valve on the empty cylinder and remove. After the empty cylinder is refilled and reconnected, slowly open the cylinder valve. The new cylinder is now the reserve cylinder. The indicator at the top of the regulator will turn green.

## !WARNING!

Never check for leaks with an open flame. Do not check for leaks using ammoniated or chlorinated household type detergents. Only use a solution of water and liquid soap to check for leaks. These can cause cracks to form on the metal tubing and brass fittings. If the leak cannot be located, take the unit to a LP Gas service representative.

## Specifications:

### BTU Capacity (propane)

SPECIFICATIONS				
Part Number	Inlet Pressure	Outlet Setting Pressure	Primary Capacity & BTU/HR	Reserve Capacity & BTU/HR
MEGR-253	100 PSI	11" W.C.	225,00*	150,000
MEGR-253H	100 PSI	11" W.C.	350,000*	200,000

Inlet: 1/4" NPT

Outlet: 3/8" NPT

UL Listed to UL 144

\* Based on 100 PSIG inlet pressure and 20% droop at manufacturer's set point.

# Excela-Flo Compact Integral Two Stage Regulators



**MEGR-291**  
Compact Regulator  
with Drip Lip Vent



**MEGR-291H**  
High Capacity Regulator  
with Drip Lip Vent



**MEGR-298L**  
Low Capacity MEGR-291  
with Side Vent



**MEGR-295**  
MEGR-291 with Side Vent & Hard-Nose Excess Flow POL



## SPECIFICATIONS

- Type:** Two Stage
- Max. Inlet Pressure:** 250 PSI
- Inlet Connection:** 1/4" FNPT
- Outlet Connection:** 3/8" FNPT
- Exterior Finish:** Raw Zinc / Powder Coated
- Diaphragm:** Fabric Reinforced Molded with O-Ring Bonnet / Body Seal
- Diaphragm Type:** Internal Relief - Spring Loaded
- Bonnet/ Body Material:** Die Cast Zinc
- Listings:** LISTED / UL 144
- Mounting Holes:** 3-1/2" On Center
- Pressure Taps:** 1/8" FNPT Plugged

The MEC **MEGR-291 Series** two-stage regulators are approved for use in nearly all portable applications and outdoor cooking appliances utilizing low pressure. They feature all zinc body construction, high and low 1/8" NPT pressure tap ports, an integral second stage drip lip vent and optional standard or 90 degree vent locations.

The **MEGR-291H Series** High Capacity Compact Integral Two Stage Regulator is ideally suited for high demand RV, outdoor appliances, cabins, seasonal homes, gas fire places, water heaters, ranges or other moderate to low demand domestic home installations. (Green bonnet identifies high capacity model).

The **MEGR-291L Series** two-stage regulators are specifically intended for applications with low BTU demands but still require two stage regulation. The Model MEGR-291L is ideally suited for RV, manufactured homes, cabins or other applications with one appliance or low BTU multiple appliance applications while still permitting maximum range of output pressure adjustment.

The MEGR-291 and MEGR-291H Series regulators meet UL, RVIA and NFPA requirements.

Part No.	Packaged Part No.*	Description	BTU/H LPG @ 30 PSI Inlet**	Accessories
MEGR-291	MEGR-291P	Compact 2 Stage Regulator 1/4" FNPT Inlet x 3/8" FNPT Outlet	175,000	MEGR-900 (Z-Bracket)
MEGR-298	MEGR-298P	Compact 2 Stage Regulator 1/4" FNPT Inlet x 3/8" FNPT Outlet - 90° Vent		
MEGR-295	MEGR-295P	Compact 2 Stage Regulator HN Excess Flow POL Inlet x 3/8" FNPT Outlet - 90° Vent	225,000	MEGR-861 (1st Stage Cover)
MEGR-291H	MEGR-291HP	Compact 2 Stage High Capacity Regulator 1/4" FNPT Inlet x 3/8" FNPT Outlet		
MEGR-298H	MEGR-298HP	Compact 2 Stage High Capacity Regulator 1/4" FNPT Inlet x 3/8" FNPT Outlet - 90° Vent		
MEGR-295H	MEGR-295HP	Compact 2 Stage High Capacity Regulator HN Excess Flow POL Inlet x 3/8" FNPT Outlet - 90° Vent	120,000	MEGR-862 (2nd Stage Cover)
MEGR-291L	MEGR-291LP	Compact 2 Stage Low Capacity Regulator 1/4" FNPT Inlet x 3/8" FNPT Outlet		
MEGR-298L	MEGR-298LP	Compact 2 Stage Low Capacity Regulator 1/4" FNPT Inlet x 3/8" FNPT Outlet - 90° Vent		
MEGR-295L	MEGR-295LP	Compact 2 Stage Low Capacity Regulator HN Excess Flow POL Inlet x 3/8" FNPT Outlet - 90° Vent		

\* Packaged option consists of a plastic clamshell with barcode

\*\* BTU/H Capacity @ 20% Droop

Note: MEGR-291 and MEGR-291H set point: 100 PSIG Inlet @ 11" WC Outlet Flowing @ 30 SCFH Air





# EXCELA-FLO Compact Integral Two Stage Regulators

## !WARNING!

Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death.

Marshall Excelsior equipment must be installed, operated, and maintained in accordance with federal, state, and local codes and MEC instructions. The installation in most states must also comply with NFPA 58 or ANSI K61.1 standards.

Only personnel trained in the proper procedures, codes, standards, and regulations of the LP-Gas or anhydrous ammonia industries should install and service this equipment.

The MEC Two-Stage Regulator meets RVIA requirements for use on recreational vehicles.

## !CAUTION!

The MEC regulators are to be installed or adjusted by qualified LP Gas or RV service personnel only. Contact a qualified LP Gas or RV dealer for installation.

### Description

The MEC Two-Stage regulator combines both a high pressure first stage and a low pressure second stage regulator into a single unit. Ideally designed for RV applications to ensure a smooth and continuous flow of gas to all applications.

- LP Gas Regulators must always be installed with the vent facing downwards. Ensure the protective cover is kept in place to minimize vent blockage.
- Do not use this regulator on LP systems equipped with ASME tanks that allow liquid or debris to enter the vapor system

## !WARNING!

Never check for leaks with an open flame. Do not check for leaks using ammoniated or chlorinated household type detergents. These can cause cracks to form on the metal tubing and brass fittings. If the leak cannot be located, take the unit to a LP Gas service representative.



Figure 1: MEGR-291, MEGR-291H, MEGR-300

SPECIFICATIONS			
Part Number	Inlet Pressure	Outlet Pressure	Capacity & BTU/HR
MEGR-291	30 PSI	9" W.C.	175,000*
	100 PSI		195,000*
MEGR-291H	30 PSI	9" W.C.	225,000*
	100 PSI		285,000*
MEGR-300	30 PSI	1.6 PSI	225,000**
	100 PSI		322,000**

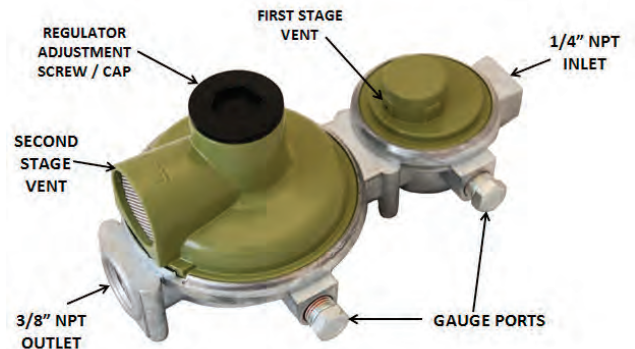
UL Listed to UL 144

Inlet: 1/4" NPT

Outlet: 3/8" NPT

\* Manufacturer's set point = 100 PSIG Inlet and 11" W.C. outlet flowing at 30 SCFH air.

\*\* Manufacturer's set point = 100 PSIG Inlet and 2 PSI outlet flowing at 30 SCFH air.




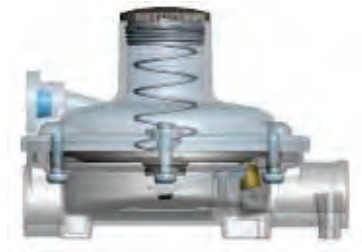
# EXCELA-FLO Low Pressure Single Stage Regulators

The MEGR-230 single-stage regulators are approved for use in small portable applications and outdoor cooking appliances utilizing low pressure.

**NOTE:** Single-stage regulators are not approved for RV use.

## SPECIFICATIONS

- Type:** Single Stage
- Orifice Diameter:** 0.059 Diameter
- BTU Capacity:** 140,000 BTU (based on 25 PSI inlet @ 9 W.C. delivery pressure)
- Max. Inlet Pressure:** 250 PSI
- Inlet Connection:** 1/4" FNPT
- Outlet Connection:** 3/8" FNPT
- Exterior Finish:** Green Wet Coat
- Diaphragm Type:** Molded with O-Ring Bonnet / Body Seal
- Bonnet/Body Material:** Die Cast Aluminum
- Listings:**  LISTED / UL 144
- Mounting Holes:** 3-1/2" On Center



Part No.	Description	Vent Orientation
MEGR-230*	Single Stage Regulator - 1/4" FNPT Inlet X 3/8" FNPT Outlet	Over Outlet
MEGR-230-90	Single Stage Regulator - 1/4" FNPT Inlet X 3/8" FNPT Outlet - 90° Vent	90°
MEGR-230-1618	Single Stage Regulator - Black F. QCC Inlet x 3/8" FNPT Outlet - 90° Vent	90°
MEGR-231	Single Stage Regulator - Hardnose FF POL Inlet x 3/8" FNPT Outlet - 90° Vent	90°
MEGR-151	Singe Stage Regulator 90 Degree - 1/4" FNPT Inlet x 3/8" FNPT Outlet	N/A
MEGR-152	Singe Stage Regulator 90 Degree - QCC I. Black Inlet x 3/8" FNPT Outlet	N/A

\* Packaged option consists of a plastic clamshell with barcode: i.e. MEGR-230P



# Excelsa-Flo High Pressure LP Gas Regulators

The MEGR-130 series fixed high pressure single stage regulators are designed to provide an economical solution for pounds to pounds service applications. The MEGR-130 can be used to regulate air as well as LP gas. Regulators must be installed in compliance with federal, state or local codes or laws in accordance with NFPA 58.

The MEGR-350 is a single stage, adjustable high pressure regulator. The body and bonnet of both the fixed and adjustable regulators are precisely machined and feature a crimped design and fabric reinforced rubber diaphragm creating a positive seal for leak-free performance.

**Excelsa-Flo**

## SPECIFICATIONS

- Type:** Adjustable or Fixed / PSI
- Max. Inlet Pressure:** 250 PSIG (17,2 bar)
- Inlet Connection:** 1/4" FNPT
- Outlet Connection:** 1/4" FNPT
- Orifice Diameter:** 0.0625"
- Exterior Finish:** Red Anodized
- Diaphragm:** Fabric Reinforced Buna N
- Bonnet/Body Material:** Die Cast Zinc
- BTU / H Capacity:** 1,200,000 BTU/H @ 40 PSI
- Listings:** UL LISTED / UL 144



MEGR-130-30  
Pre-Set at 30 PSIG



### \*MEGR-130-30/ MEGR-130-30A\*

Designed for high pressure RV applications. This regulator is ideal for 5th wheel split cylinder applications



MEGR-350  
Adjustable 0-10 PSIG



Part No.	Description
MEGR-130-10	Compact High Pressure Fixed Reg 10 PSI - 1/4" FNPT Inlet/Outlet
MEGR-130-20	Compact High Pressure Fixed Reg 20 PSI - 1/4" FNPT Inlet/Outlet
MEGR-130-30*	Compact High Pressure Fixed Reg 30 PSI - 1/4" FNPT Inlet/Outlet
MEGR-350	Compact High Pressure Adjustable Reg 0-10 PSI - 1/4" FNPT Inlet/Outlet
MEGR-350-30	Compact High Pressure Adjustable Reg 0-30 PSI - 1/4" FNPT Inlet/Outlet
MEGR-130-30A	Compact High Pressure Fixed Reg 30 PSI - 1/4" Inverted Flare x 3/8" M. Flare

\* Packaged option consists of a plastic clamshell with barcode: i.e. MEGR-130-30P



# EXCELA-FLO High Pressure Regulators

The MEGR-6120 Series are UL listed high-pressure regulators that meet a variety of applications for liquid or vapor service. The compact body design makes these regulators particularly useful in installations with space limitations. The basic MEGR-6120 Series regulators come equipped with a handwheel adjustment. The non-adjustable ME6121 Series provides a tamper-resistant spring case and a 30 PSI set point.

The MEGR-6120 & MEGR-6121 Series are UL listed as high pressure, non-relief regulators. Both MEGR-6120 & MEGR-6121 Series regulators contain brass materials that are **not** compatible with anhydrous ammonia service.

## SPECIFICATIONS

- Type: Adjustable or Fixed / PSI
- Max. Inlet Pressure: 250 PSI (17, 2 bar)
- Inlet Connection: 1/4" FNPT
- Outlet Connection: 1/4" FNPT
- Gauge Port: 1/4" FNPT
- Exterior Finish: Red Wet Coat
- Diaphragm: Fabric Reinforced Buna N
- Body / Bonnet Material: Die Cast Aluminum
- Liquid Capacity: 3-5 GPH
- Listings: UL LISTED / UL 144

**EXCELA-FLO**

MEGR-6120 Series



MEGR-6121 Series



### Adjustable Configurations

Part No.	Description
MEGR-6120-30	High Pressure Adjustable Reg 1-30 PSI - 1/4" FNPT Inlet/Outlet



### CAPACITIES: BTU/H LPG (VAPOR)

Outlet Set Point	Inlet Pressure	BTU / HR
15 PSI	50 PSI	850,000
15 PSI	100 PSI	1,700,000
15 PSI	150 PSI	2,500,000
20 PSI	50 PSI	900,000
20 PSI	100 PSI	1,800,000
40 PSI	100 PSI	1,500,000
40 PSI	150 PSI	2,000,000
50 PSI	100 PSI	1,300,000
50 PSI	150 PSI	1,800,000
50 PSI	200 PSI	2,300,000

\*Approximate BTU/H vapor capacities taking 10-20% droop into consideration

Note: Side Outlet Connection Style (Plugged): 1/4" MNPT, pressure gauge (MEJ500 Series) can be installed

### Non-Adjustable Configurations

Part No.	Description
MEGR-6121-30	High Pressure Fixed Reg 30PSI - 1/4" FNPT Inlet/Outlet
MEGR-6121-30A	High Pressure Fixed Reg 30PSI - 1/4" Inverted Flare x 3/8" M. Flare



# EXCELA-FLO Regulator Accessories

## Regulator Covers



First Stage Regulator Cover for MEGR-291 and MEGR-300 Series Regulators

**MEGR-861**



Second Stage Cover for MEGR-253, MEGR-291 & MEGR-300 Series Regulators

\*Available packaged - MEGR-862P

**MEGR-862**

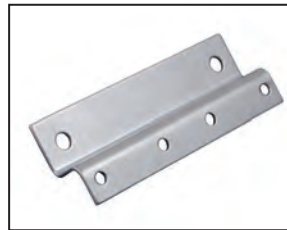
## Regulator Brackets



L-Mounting Bracket for MEGR-253 Series Regulators

\*Available packaged - MEGR-RVBP

**MEGR-RVB**

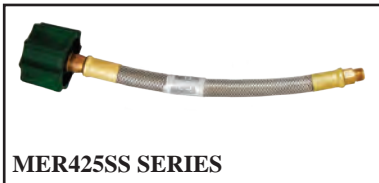


Z-Mounting Bracket for MEGR-253 and MEGR-291 Series Regulators

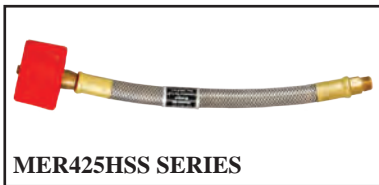
\*Available packaged - MEGR-900P

**MEGR-900**

# EXCELA-FLO Stainless Steel Braided Pigtails



**MER425SS SERIES**



**MER425HSS SERIES**

MEC Stainless Steel braided pigtails are for connecting propane cylinders to the propane regulator. The Stainless Steel braid provides added protection to the hose along with the safety features of thermal protection in case of fire and excess flow protection in case of broken gas line. Female QCC, Type I connection x 1/4" inverted male flare.

NOTE: MEC Green Type I Nut for use on RV application ONLY.  
(200,000 BTUH)  
MEC Red Type I NUT approved for RV applications.  
(400,000 BTUH)



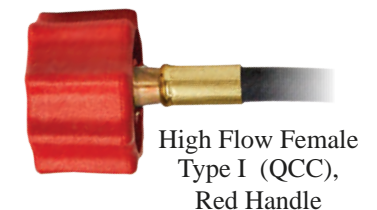
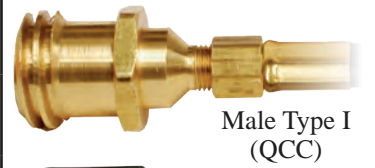
### Stainless Steel Braided Pigtails

Part No.	Packaged Part No.**	Approximate Length "X"*	Description
MER425SS-"X"	MER425SS-"X" P	15, 24, 36	Standard QCC w/ Braided SS Hose
MER425HSS-"X"	MER425HSS-"X" P	15,24	High Capacity QCC w/ Braided SS Hose

\* Replace "X" with the desired hose length i.e. MER425SS-15  
\*\* Packaged option consists of a plastic clamshell with barcode

# Thermoplastic Hoses - 1/4" Hose I.D.

Part No. 1/4" Hose ID	Packaged Part No.***	Approximate Length "X"	Connection	Connection
MER409-"X"	—	15, 20, 24, 36, 60	Male Hard Nose POL, 7/8" Nut	Male Hard Nose POL, 7/8" Nut
MER428-"X"	—	60, 120	Female QCC, Type I Connection	Male QCC, Type I Connection with Female POL
MER412-"X"	—	20	.9 GPM Excess Flow Male Hard Nose POL, 7/8" Nut	.9 GPM Excess Flow Male Hard Nose POL, 7/8" Nut
MER425-"X" MER425H-"X"*** MER425NL-"X"***	MER425-"X" P MER425H-"X" P ** MER425NL-"X" P **	12, 15, 18, 20, 24, 30, 36, 48, 60	Female QCC, Type I Connection	1/4" Male Inverted Flare
MER427-"X"	—	18, 20	Female QCC, Type I Connection	3/8" Female Flare Swivel
MER403-"X"	—	12, 15, 18, 20, 24, 30, 36, 48, 60, 72, 120, 240	Male Hard Nose POL, 7/8" Nut	1/4" Male Inverted Flare
MER401-"X"	—	12, 15, 18, 20, 24, 30, 36, 48, 60	.9 GPM Excess Flow Male POL, 7/8" Nut	1/4" Male Inverted Flare
MER423-"X"	—	12, 15, 20, 24, 30, 36	.9 GPM Excess Flow Male Soft Nose POL, Plastic Handwheel	1/4" Male Inverted Flare
MER404-"X"	—	15, 18, 20, 24, 36	#60 Orifice Hole Male Soft Nose POL, Plastic Handwheel	1/4" Male Inverted Flare
MER404AR-"X"	—	18, 24, 36	#60 Orifice Hole Male Soft Nose POL, Brass Round Handwheel	1/4" Male Inverted Flare
MER406AR-"X"	—	12, 24, 36, 48, 60	Male Soft Nose POL, Brass Round Handwheel	1/4" MNPT
MER405-"X"	—	12, 15, 18, 20, 24, 30, 36, 48, 60	.9 GPM Excess Flow Male POL, 7/8" Nut	1/4" MNPT
MER414-"X"	—	10, 14, 120	1/4" MNPT	1/4" MNPT
MER422-"X"	—	6, 240	1/4" Female Flare Swivel	1/4" MNPT
MER432-"X"	—	6, 12	1/4" FNPT	1/8" MNPT
MER432SP-"X"	—	12	1/4" FNPT	QD Male Nipple
MER434-"X"	—	36, 50	3/8" Female Flare Swivel	1/4" MNPT
MER429-"X"	—	72, 360	Red F. POL	Male QCC, Type I Connection with Female POL
MER426-"X" MER426H-"X"*** MER426NL-"X"***	MER426-"X" P MER426H-"X" P ** MER426NL-"X" P **	15, 20, 60	Female QCC, Type I Connection	1/4" MNPT
MER410-"X"	—	10, 12, 20, 24, 30, 36, 48, 60, 72, 120, 144, 180	3/8" MNPT	3/8" Female Flare Swivel
MER413-"X"	—	24, 36, 48, 60, 72, 96, 120, 144, 180	3/8" Female Flare Swivel	3/8" Female Flare Swivel
MER408-"X"	—	12, 36, 60, 72, 144, 288	9/16"-18 Female Left Hand Swivel	9/16"-18 Female Left Hand Swivel
MER407-"X"	MER407-60P	24, 36, 48, 60, 72, 120, 144	Male Soft Nose POL, Plastic Handwheel	1"-20 Male Swivel
MER421-"X"	MER421-60P MER421-144P**	24, 48, 60, 72, 144	1"-20 Female Swivel	1"-20 Male Swivel



\* Replace "X" with the desired hose length i.e. MER409-24  
 \*\* MER425H and MER426H Series hoses are "high flow" (i.e. MER425H-15, MER426H-20);  
 MER425NL and MER426NL Series hoses are "non-leaching" (i.e. MER425NL-15, MER426NL-20)  
 \*\*\* Packaged option consists of a plastic clamshell with barcode



# Thermoplastic Hoses - 3/8" Hose I.D.

Flexible thermoplastic UL and CGA approved hose. These hoses are rated up to 350 psig working pressure with a 400 pound pull test rating. Each hose comes with two ends and fully crimped brass ferrules.



MNPT



3/8" Female Swivel

Part No. 3/8" Hose ID	Packaged Part No.**	Approximate Lengths "X"*	Connection	Connection
MER610-"X"	MER610-36P, MER610-48P	24, 30, 36, 48, 60, 120, 144, 240	3/8" MNPT	3/8" Female Flare Swivel
MER611-"X"	MER611-36P, MER611-48P	24, 30, 36, 40, 48, 60, 96	1/2" Female Flare Swivel	3/8" MNPT
MER613-"X"	MER613-36P, MER613-48P	12, 18, 24, 30, 36, 48, 60, 72, 84, 108, 120, 144, 180, 240, 300	3/8" Female Flare Swivel	3/8" Female Flare Swivel
<small>* Replace "X" with the desired hose length i.e. MER610-48  ** Packaged option consists of a plastic clamshell with barcode</small>				



**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

# RV Tank Kit for 20 LB & 30 LB Cylinders



These RV tank kits are designed to provide a durable and secure method to properly store / transport small LP gas cylinders primarily on towable recreational vehicles. Meets all RVAA and RVIA requirements.

Part No.	Description	Accessories			
		Support Threaded Rod	Wing Nut	Universal Support Bar	Universal Support Pan
ME-RVTANK-KIT18	Complete Tank Kit for 20 LB. Cylinder	ME-RVTR18	ME-RVWINGNUT	ME-RVBAR	ME-RVPAN
ME-RVTANK-KIT24	Complete Tank Kit for 30 LB. Cylinder	ME-RVTR24			



# Camping Tees



ME412



ME413



ME414



ME415



ME416



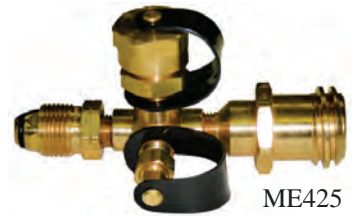
ME418



ME420P



ME424



ME425



ME421



ME422

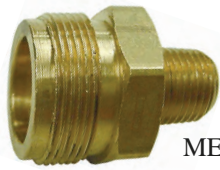
Part No.	Packaged Part No.	Inlet	Auxiliary Inlet	Outlet	Outlet
ME412	ME412P*	1-5/16" Female Acme	—	1"-20 Male	1"-20 Male
ME413	ME413P*	#60 Male Soft Nose POL with Round Brass Handwheel	—	1"-20 Male	1"-20 Male
ME414	ME414P*	1"-20 Female	—	1"-20 Male	1"-20 Male
ME415	ME415P*	.9 GPM Excess Flow Male Hard Nose POL	—	Female POL	1"-20 Male
ME416	—	.9 GPM Excess Flow Male Hard Nose POL with Plastic Handwheel	—	Female POL	Female POL
ME418	ME418P*	1-5/16" Female Acme	—	1-5/16" Male Acme/Female POL with Quick Closing Poppet	1"-20 Male
ME420	ME420P*	.9 GPM Excess Flow Male Hard Nose POL	1/4" Female Inverted Flare with Check	Female POL	1"-20 Male
ME421	—	.9 GPM Excess Flow Male Hard Nose POL	—	1-5/16" Male Acme/Female POL with Quick Closing Poppet	1"-20 Male
ME422	ME422P*	1-5/16" Female Acme	1/4" Female Inverted Flare	1-5/16" Male Acme/Female POL with Quick Closing Poppet	1"-20 Male
ME424	—	.9 GPM Excess Flow Male Hard Nose POL	1/4" Female Inverted Flare with Check	1-5/16" Male Acme/Female POL with Quick Closing Poppet	1"-20 Male
ME425	ME425P*	.9 GPM Excess Flow Male Soft Nose POL	1/4" Female Inverted Flare with Check	1-5/16" Male Acme/Female POL with Quick Closing Poppet	1"-20 Male

\* Packaged option consists of a plastic clamshell with barcode

**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.



# Camping Fittings



ME417



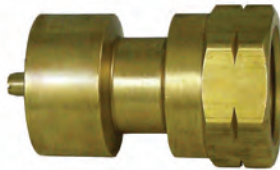
ME483



ME484



ME485



ME487



ME488



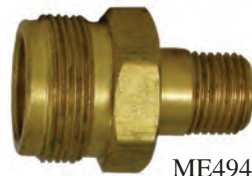
ME491



ME492



ME493



ME494



ME496

Part No.	Packaged Part No.	Inlet	Outlet
ME417	—	1/4" MNPT	1"-20 Male with Check & O-ring
ME483	—	1"-20 Female Cap with Strap	—
ME484	—	1"-20 Female	1/4" Hose Barb
ME485	—	1"-20 Female	1/4" FNPT
ME487	ME487P*	1"-20 Female	Female POL
ME488	ME488P*	1"-20 Female	1/4" MNPT
ME491	—	3/8" Male Flare	1"-20 Male with Check & O-ring
ME492	ME492P*	1/4" FNPT	1"-20 Male - No Check
ME493	—	9/16"-18 Male Left Hand	1"-20 Male with Check & O-ring
ME494	—	9/16"-18 Male Left Hand	1"-20 Male - No Check
ME496	—	1/4" Hose Barb	1"-20 Male Swivel with Valve Stem & O-ring

\* Packaged option consists of a plastic clamshell with barcode



ME487P

# Camping Elbows & Assemblies



ME423



ME426



ME481P



ME474



ME477



ME475AR



ME475



ME475B



ME497



ME497AR



Part No.	Packaged Part No.	Inlet	Outlet	Outlet
ME423	ME423P*	.9 GPM Excess Flow Male Hard Nose POL	1-5/16" Male Acme/Female POL with Quick Closing Poppet	1"-20 Male
ME426	—	1-5/6" Female Acme	1-5/16" Male Acme	1"-20 Male
ME474	—	1-5/6" Female Acme	1"-20 Male	—
ME475	ME475P*	#60 Male Soft Nose POL with Plastic Handwheel	1"-20 Male	—
ME475AR	—	#60 Male Soft Nose POL with Round Brass Handwheel	1"-20 Male	—
ME475B	—	#60 Male Soft Nose POL	1"-20 Male	—
ME477	—	.9 GPM Excess Flow Male Hard Nose POL with Plastic Handwheel	1"-20 Male	—
ME481	ME481P*	1"-20 Female	1-5/16" Male Acme/Female POL with Quick Closing Poppet	—
ME497	—	Male Soft Nose POL with Plastic Handwheel	1"-20 Male	—
ME497AR	—	Male Soft Nose POL with Round Brass Handwheel	1"-20 Male	—

\*\* Packaged option consists of a plastic clamshell with barcode

**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.





# Quick Disconnect Hose Assemblies

The **MER14TCQD** series QD high pressure hose will allow you to hook up to a quick connect valve on an appliance to a LP gas cylinder. For use with low pressure gas appliances (i.e. 14" water column); includes hose of desired length with shut off valve.

The **MER14TCMPQD** series QD high pressure hose will allow you to extent the length of your current QD hose so you can move your LP gas appliance further away from your RV.

The **MER14TCMQD6FS** series QD high pressure hose is designed so you can hook up the new portable grills to your QD on your RV (this is only for the new portable grills with the removable regulator).

The **MER14TCQDMP** series QD high pressure hose comes with a shut off valve and is designed to add length to the QD line on your RV. It will allow you to move your LP gas appliance from 36" to 144" away from your RV.

**\* REGULATOR NOT INCLUDED \***



Part No.	Approximate Length "X"	Packaged Part No.**	Connection	Connection
MER14TCQD-"X"	36,48,72,120,144	MER14TCQD-72P MER14TCQD-144P	QD 1/4" FNPT w/cap	1/4" MNPT
MER14TCMPQD-"X"	36,48,60, 72, 120	MER14TCMPQD-72P	1/4" MNPT	QD Male Nipple
MER14TCMQD6FS-"X"	60, 72, 144	—	1/4" QD Nipple	3/8" F. Flare Swivel
MER14TCQDMP-"X"	36,48,60, 72, 120, 144	MER14TCQDMP-72P	Female QD	1/4" QD Nipple

Replace "X" with the desired hose length i.e. MER14TCQD-36  
 \*\* Available packaged. Packaged option consist of a plastic clamshell with barcode

# Quick Disconnect Fittings

Part No.	Description
ME-GMC4	QD 1/4" MPT Nipple x 1/4" FPT Coupler
ME-GMC6	QD 3/8" FPT Nipple x 3/8" FPT Coupler
ME-GMCL-4	1/4" QD Coupler x 1/4" FNPT w/Shut-Off Valve & Nipple
ME-GMC4-02	QD 1/4" MPT Nipple
ME-GMC6-01	QD 3/8" FPT Coupler
ME-GMC6-02	Gas Quick Disconnect 3/8" FPT Nipple



ME-GMC4



ME-GMC6



ME-GMC4-02

# Flow-Longer & Stay-Longer Kits

The **Flow-Longer** Propane Kits are designed to connect small, portable appliances, normally fueled by disposable LP-Gas cylinders, to the existing LP-Gas fuel supply of a recreational vehicle, cottage, backyard patio, etc. without interrupting the supply of regulated fuel to the system. **Flow-Longer** eliminates the need to purchase an extra LP-Gas cylinder or several small, disposable type cylinders.

## MER470 FLOW-LONGER PROPANE KIT INCLUDES

- Brass tee connection (ME415) .9 GPM excess flow male hard nose POL x female POL x 1"-20 male
- 12 foot hose (MER421-144) 1"-20 male x 1"-20 female



MER470

## MER471 FLOW-LONGER PLUS PROPANE KIT INCLUDES

- Brass elbow connection (ME423) .9 GPM excess flow male hard nose POL x 1-5/16" male Acme/female POL with quick closing poppet x 1"-20 female
- 12 foot hose (MER421-144) 1"-20 male x 1"-20 female



MER471

The **Stay-Longer** Propane Kits are designed to give you new flexibility on how you use your LP-Gas. You can stay longer by hooking up auxiliary LP-Gas cylinders, or you can tap into the RV's LP-Gas system to fuel portable high-pressure appliances.

## MER472 STAY-LONGER PROPANE KIT INCLUDES

- Brass tee connection (ME420) .9 GPM excess flow male hard nose POL x female POL x 1"-20 male x 1/4" female inverted flare
- 5 foot hose (MER401-60) .9 GPM excess flow male POL x 1/4" male inverted flare



MER472

## MER473 STAY-LONGER PLUS PROPANE KIT INCLUDES

- Brass tee connection (ME420) .9 GPM excess flow male hard nose POL x female POL x 1"-20 male x 1/4" female inverted flare
- 5 foot hose (MER401-60) .9 GPM excess flow male hard nose POL x 1/4" male inverted flare
- 12 foot hose (MER421-144) 1"-20 male x 1"-20 female



MER473

All kits include installation instructions and a convenient reusable box for storage.

**NOTE:** The tee fitting must be installed between the vapor withdrawal valve on your LP-Gas container and the pressure regulator. This properly places the tee fitting in the high pressure portion of the LP-Gas system. Gas connections to the tee fitting are not designed for movement or rotation after installation. Flexing, twisting, or vibration should be avoided.

**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.



# Low Pressure Test Kits & Adapters

These kits are designed to check for gas leaks by verifying the line pressure of an appliance. Each kit includes a case, gauge, and rubber hose with a bell on the end.

## SPECIFICATIONS

**Capacity:** 0 - 35" water column

Adjustable gauge models can be reset to zero with provided screwdriver

Three foot rubber hose with bell



ME60P-2



ME50-2

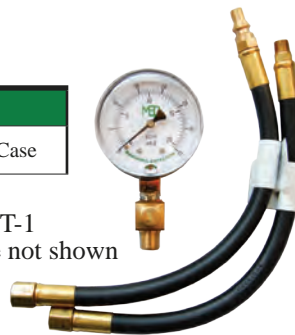
Kit with Case	Part No.			Adjustable Gauge	Manometer Adapter
	Gauge & Hose Only	Gauge & Hose Barb Connection	Gauge & 1/4" MNPT Connection		
ME60P-2	ME60P-5	—	ME60-2	Yes	ME1328 (3/8" OD) ME1331 (1/2" OD) ME1332 (5/8" OD)
ME50P-2	ME50P-5	ME50-2	ME50-2-01	No	

ME50P-2



Part No.	Description
ME-KIT-1	Complete Low Pressure RV Test Kit w/ Case

ME-KIT-1  
\*Carrying case not shown



ME1332



ME50P-5

The serviceman's friend (METL051 & METL052) eliminates the hassle of carrying numerous bushing and fittings to each job site. It has three threads on one end with a hose barb and an 1/8" MNPT on the other end. A hose can easily be attached to either end and can be connected to a manometer or other flow meters to check line pressure on an appliance.

Part No.	Connection	Connection
METL051	5/16"-32 Male / 1/8" MNPT / 1/2" MNPT	Standard test hose fitting/1/8" MNPT
METL052	5/16"-32 Male / 1/8" MNPT / 1/4" MNPT	Standard test hose fitting/1/8" MNPT



METL051

# Low Pressure Test Block

Designed to test low pressure lines for system leaks. The factory installed check valve allows the line to be pressurized and adjusted to the desired test pressure.

Part No.	Inlet	PSIG
MEJ610/15	3/4" FNPT	0-15
MEJ610/30	3/4" FNPT	0-30
MEJ610/60	3/4" FNPT	0-60
MEJ610/100	3/4" FNPT	0-100



MEJ610/30



# Type I (QCC) Connector

The Type I (QCC) connectors (ME517, ME518 and ME519 Series) are designed with a built-in excess flow feature and a positive shutoff that will not allow gas to flow until the connector is fully engaged. In case of a fire the built-in thermal protection on the QCC connector melts allowing the nipple to disengage from the tank connection and stop the flow of propane. These QCC connectors also provide a positive back check seal at disconnect to eliminate the propane in the hose from being released into the atmosphere.

To connect a Type I (QCC) connector to a cylinder, close the cylinder valve and the control valves to all connected appliances. Hand tighten the QCC onto the cylinder and slowly open the cylinder valve. If the valve is opened too quickly, the excess flow device will be activated closing the flow of propane to the appliance. If the excess flow device is activated, close appliance control valves and wait 60 seconds to allow pressure in the line to equalize. Additional equalization time may be needed depending on the length of the hose. Turn on appliances by following the manufacturer's suggested lighting procedures.

**NOTE:** The Type I (QCC) thread replaces the POL connection on 40 pound or less DOT propane cylinders.



ME517



ME518-25H



ME519



ME517EV

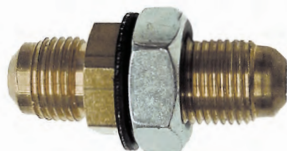


Part No.			Inlet	Flow Capacity	Handwheel Color	Thermal Protection
Outlet						
1/4" MNPT	1/4" Hose Barb	3/8" Hose Barb				
ME517	ME517-25H	ME517-38H	1-5/16" Female Acme	50 SCFH Air/100,000 BTUH	Black	Yes
ME518	ME518-25H	ME518-38H	1-5/16" Female Acme	100 SCFH Air/200,000 BTUH	Green	Yes
ME519	ME519-25H	ME519-38H	1-5/16" Female Acme	200 SCFH Air/400,000 BTUH	Red	Yes

Part No.	Inlet	Flow Capacity	Handwheel Color	Thermal Protection	Description
ME517EV	1-5/16" Female Acme	Full Flow	Black	Yes	Evacuation Coupling

**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

# RV Bulkhead & Adapter



RV Bulkhead		
Part No.	Packaged Part No.	Description
MESTF33	MESTF33P	3/8" M. Flare x 3/8" M. Flare

\* Packaged option consists of a plastic clamshell



Inverted Flare Adapter		
Part No.	Description	Accessory
ME2132 ME2132P*	1/4" F. Inv. Flare x 1/4" MNPT	ME2131 1/4" Inverted Flare Plug

\* Packaged option consists of a plastic clamshell . (2) ME2132 per pack



# Male POL x 1/4" MNPT

Part No.			Connection	Male POL Description
Male Hard Nose POL	Male Hard Nose POL 90° Angle	Male Soft Nose POL		
ME318 ME318P*	ME345	ME1629	1/4" MNPT	7/8" Nut
ME322	—	—	1/4" MNPT	7/8" Nut, 3-1/2" OAL
—	—	ME1654	1/4" MNPT	Plastic Handwheel
—	—	ME1654AH	1/4" MNPT	Hex Handwheel
—	—	ME1654AR	1/4" MNPT	Round Handwheel
ME319	ME348	—	1/4" MNPT	1-1/8" Nut
ME1690 ME1690P*	—	ME1641	1/4" MNPT	.9 GPM Excess Flow, 7/8" Nut
—	—	ME1653	1/4" MNPT	.9 GPM Excess Flow, Plastic Handwheel
—	—	ME1653AH	1/4" MNPT	.9 GPM Excess Flow, Hex Handwheel
—	—	ME1653AR	1/4" MNPT	.9 GPM Excess Flow, Round Handwheel
ME1692	—	—	1/4" MNPT	.9 GPM Excess Flow, 1-1/8" Nut
ME1690-EX18	—	ME1641EX18	1/4" MNPT	1.8 GPM Excess Flow, 7/8" Nut
—	—	ME1638	1/4" MNPT	#60 Orifice Hole, 7/8" Nut

\* Packaged option consists of a plastic clamshell

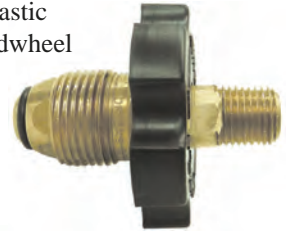
Male Hard Nose POL



Male Soft Nose POL



Plastic Handwheel



ME345



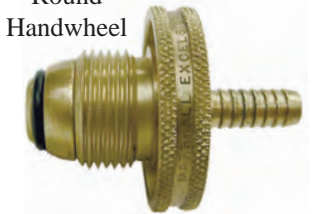
# Male POL x Hose Barbs

Part No.		Hose I.D.	Male POL Description
Male Hard Nose POL	Male Soft Nose POL		
ME5930	ME1656-78N	1/4"	7/8" Nut
ME5931-78N	ME5931-78SN	3/8"	7/8" Nut
ME5930-118N	ME1656-118N	1/4"	1-1/8" Nut
ME5931	ME5931-SN	3/8"	1-1/8" Nut
—	ME1656	1/4"	Plastic Handwheel
—	ME1656AH	1/4"	Hex Handwheel
—	ME1656AR	1/4"	Round Handwheel
ME1683	ME1655-78N	1/4"	.9 GPM Excess Flow, 7/8" Nut
ME5931EX-78N	ME5931SNEX-78N	3/8"	.9 GPM Excess Flow, 7/8" Nut
ME1684	—	1/4"	.9 GPM Excess Flow, 1-1/8" Nut
—	ME1655	1/4"	.9 GPM Excess Flow, Plastic Handwheel
—	ME1655AH	1/4"	.9 GPM Excess Flow, Hex Handwheel
—	ME1655AR	1/4"	.9 GPM Excess Flow, Round Handwheel
—	ME1655EX18-78N	1/4"	1.8 GPM Excess Flow, 7/8" Nut
—	ME1657	1/4"	#60 Orifice Hole, 7/8" Nut

Hex Handwheel



Round Handwheel



**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

# Single Piece POL Adapters

POL x MNPT			
Part No.	POL Connection	Excess Flow	MNPT
ME284	Female	—	1/4"
ME285	Female	—	3/8"
ME286	Female	—	1/2"
ME287	Female	—	3/4"
ME352	Male Hard Nose	—	3/8"
ME354	Male Hard Nose	—	1/2"
ME354EX9	Male Hard Nose	.9 GPM	1/2"
ME354EX18	Male Hard Nose	1.8 GPM	1/2"



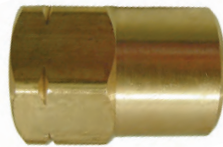
ME285



ME353EX18



ME353



ME303

POL x FNPT		
Part No.	POL Connection	FNPT
ME300	Female	1/8"
ME301	Female	1/4"
ME302	Female	3/8"
ME303	Female	1/2"
ME304	Female	3/4"
ME351	Male Hard Nose	1/4"
ME357	Male Hard Nose	1/2"

POL x Male Flare			
Part No.	POL Connection	Excess Flow	Male Flare
ME353	Male Hard Nose	—	3/8"
ME353-SN	Male Soft Nose	—	3/8"
ME353EX9	Male Hard Nose	.9 GPM	3/8"
ME353EX18	Male Hard Nose	1.8 GPM	3/8"
ME355	Male Hard Nose	—	1/2"
ME355-SN	Male Soft Nose	—	1/2"
ME355EX9	Male Hard Nose	.9 GPM	1/2"
ME355EX18	Male Hard Nose	1.8 GPM	1/2"
ME356	Male Hard Nose	—	5/8"
ME356-SN	Male Soft Nose	—	5/8"
ME356EX9	Male Hard Nose	.9 GPM	5/8"
ME356EX18	Male Hard Nose	1.8 GPM	5/8"

POL x POL		
Part No.	POL Connection	POL Connection
ME305	Female	Female



**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

# Inlet Pressure Water Regulator

The ME9240 will protect your RV's plumbing system against unusually high pressure spikes. This regulator is factory preset at 40 PSI and is non-adjustable. The thread ends are standard 3/4" male garden hose thread and fits all standard water hose and campground water risers. For best results, connect the regulator at the riser (source of supply) to protect your hose and water system.

**NOTE:** When supply pressure is equal or below set pressure, regulator will deliver supply pressure only.

Part No.	Description
ME9240*	Water Regulator Pre-Set at 40 PSI - 3/4" F.G.H. Inlet x 3/4" M.G.H. Outlet
ME9240LF	Water Regulator Pre-Set at 40 PSI - 3/4" F.G.H. Inlet x 3/4" M.G.H. Outlet - Lead Free

\* Packaged option consists of a plastic clamshell



ME9240





# Type I (QCC) / OPD Valve Cap

Designed to protect the 1-5/16" male Acme threads on Type I (QCC) or OPD type cylinder valves. Using a cap will reduce the likelihood of inadvertent damage to the valve's threads, shutoff mechanisms and sealing surfaces during storage or refurbishment.

Part No.		Fits
Brass	Black Vinyl	
ME392P	ME952-07	1-5/16" Female Acme



ME952-07



ME392P

ME392P installed on 20 LB cylinder



# POL Cap & Plugs

Part No.			Style
Brass	Plastic		
Body Only	Body With Chain	Body Only	
ME1691	ME1691-1	ME970P	Male Hard Nose POL Plug
ME1699	—	—	Female POL Cap



ME1699



ME1691



ME970P

# POL Thread Clean Out Tool

Designed for use with any female POL thread or valve inlet opening. Allows operator to safely remove debris and other foreign material from female .880-14 NGO left hand threads (female POL) without damaging threads. Simply thread clean out tool into female POL threads using handwheel until the tool reaches the final thread. Reverse and remove tool carefully. Reverse tool and use attached 7/8" diameter bottle brush to perform final clean out operation. Blow out any remaining debris by using a compressed air line.

## SPECIFICATIONS

- Constructed from hardened tool steel and plated for maximum product life
- Four clearance flutes to allow debris to be channeled away from threads
- Convenient 7/8" diameter wire brush for final clean out



MEP100

**WARNING:** The POL thread clean out tool is strictly intended for use as a cleaning device and in no way should be used as a gauge to determine the usability of the thread. (Always refer to NFPA 58 and follow the appropriate guidelines prior to installing LP-Gas lines)

# Last Chance Adapters

Designed to provide a quick way to change from a 20 pound cylinder to a 1 pound disposable cylinder. Can be used to connect a small 1 pound disposable cylinder to a gas grill or other appliance.

NOTE: To use the male POL on the ME393 series, simply remove the internal gasket. The gasket must be in place to use the Type I (QCC) connection.



Part No.	Packaged Part No.	Inlet	Outlet	Description
ME480	ME480P**	1"-20 Female	1-5/16" Male Acme/Female POL	Full Flow
ME480EX	—	1"-20 Female	1-5/16" Male Acme/Female POL	.9 GPM Excess Flow
ME480EX1.8	—	1"-20 Female	1-5/16" Male Acme/Female POL	1.8 GPM Excess Flow
ME481	ME481P**	1"-20 Female	1-5/16" Male Acme/Female POL	Shutoff Poppet

\* An excess flow device does not provide a 100% shutoff, a small amount of propane may leak if disconnected  
 \*\* Packaged option consists of a plastic clamshell

**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

# Type I (QCC) Installation Adapters

Designed to provide a safe permanent outlet when installed into the household LP-Gas system. This permanent outlet eliminates the need for smaller containers when operating outdoor LP-Gas equipment. It is recommended that a shutoff valve be installed upstream from the adapter inlet to facilitate future servicing.

NOTE: To use the female POL on the ME393 series, simply remove the internal gasket. The gasket must be in place to use the Type I (QCC) connection.

## FEATURES

- Can be used with both Type I (QCC) and male POL connections
- ME398 and ME399 include an internal shutoff valve which provides a leak free means for outdoor equipment to be safely connected and disconnected without shutting down the entire system



Part No.	Packaged Part No.	Inlet	Outlet	Shutoff Device
ME393-1	—	1/4" FNPT	1-5/16" Male Acme/Female POL	—
ME393EX	—	1/4" FNPT	1-5/16" Male Acme/Female POL	.9 GPM Excess Flow*
ME393EX1.8	—	1/4" FNPT	1-5/16" Male Acme/Female POL	1.8 GPM Excess Flow*
ME398	ME398P**	Male Soft Nose POL	1-5/16" Male Acme/Female POL	Quick Closing
ME399	—	1/4" MNPT	1-5/16" Male Acme/Female POL	Quick Closing

\* An excess flow device does not provide a 100% shutoff, a small amount of propane may leak if disconnected  
 \*\* Packaged option consists of a plastic clamshell



**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

# Flare Fittings



Short Forged Nuts	
Part No.	O.D. Tube Size
ME-NS4-4	1/4"
ME-NS4-6	3/8"
ME-NS4-8	1/2"
ME-NS4-10	5/8"
ME-NS4-12	3/4"

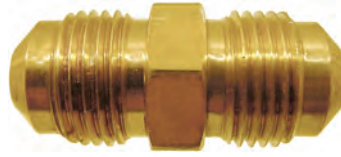


Reducing Forged Nuts	
Part No.	O.D. Tube Size
ME-NS4-6-4	3/8" x 1/4"
ME-NS4-8-4	1/2" x 1/4"
ME-NS4-8-6	1/2" X 3/8"
ME-NS4-10-8	5/8" X 1/2"



Forged Swivel Nuts	
Part No.	O.D. Tube Size
ME-US4-6	3/8"
ME-US4-8	1/2"
ME-US4-10	5/8"

Reducing Forged Swivel Nuts	
Part No.	O.D. Tube Size
ME-US4-8-6	1/2" x 3/8"
ME-US4-10-8	5/8" x 1/2"



Full Unions	
Part No.	O.D. Tube Size
MEF42-4-4	1/4"
MEF42-6-6	3/8"
MEF42-8-8	1/2"
MEF42-10-10	5/8"



Reducing Unions	
Part No.	O.D. Tube Size
MEF42-8-6	1/2" x 3/8"
MEF42-10-6	5/8" x 3/8"
MEF42-10-8	5/8" x 1/2"



Female Connectors		
Part No.	O.D. Tube Size	FNPT
MEF46-4-4	1/4"	1/4"
MEF46-6-4	3/8"	1/4"
MEF46-6-6	3/8"	3/8"
MEF46-6-8	3/8"	1/2"
MEF46-6-12	3/8"	3/4"
MEF46-8-6	1/2"	3/8"
MEF46-8-8	1/2"	1/2"
MEF46-8-12	1/2"	3/4"
MEF46-10-6	5/8"	3/8"
MEF46-10-8	5/8"	1/2"
MEF46-10-12	5/8"	3/4"



Male Connectors		
Part No.	O.D. Tube Size	MNPT
MEF48-4-2	1/4"	1/8"
MEF48-4-4	1/4"	1/4"
MEF48-6-2	3/8"	1/8"
MEF48-6-4	3/8"	1/4"
MEF48-6-6	3/8"	3/8"
MEF48-6-8	3/8"	1/2"
MEF48-6-12	3/8"	3/4"
MEF48-8-4	1/2"	1/4"
MEF48-8-6	1/2"	3/8"
MEF48-8-8	1/2"	1/2"
MEF48-8-12	1/2"	3/4"
MEF48-10-6	5/8"	3/8"
MEF48-10-8	5/8"	1/2"
MEF48-10-12	5/8"	3/4"
MEF48-12-8	3/4"	1/2"
MEF48-12-12	3/4"	3/4"



Forged Female Elbows		
Part No.	O.D. Tube Size	FNPT
MEF54-6-6	3/8"	3/8"
MEF54-6-8	3/8"	1/2"
MEF54-6-12	3/8"	3/4"
MEF54-8-6	1/2"	3/8"
MEF54-8-8	1/2"	1/2"
MEF54-8-12	1/2"	3/4"
MEF54-10-8	5/8"	1/2"
MEF54-10-12	5/8"	3/4"



# Flare Fittings & Pipe Thread Adapters



Forged Male Elbows		
Part No.	O.D. Tube Size	MNPT
MEF49-4-6	1/4"	3/8"
MEF49-6-4	3/8"	1/4"
MEF49-6-6	3/8"	3/8"
MEF49-6-8	3/8"	1/2"
MEF49-6-12	3/8"	3/4"
MEF49-8-4	1/2"	1/4"
MEF49-8-6	1/2"	3/8"
MEF49-8-8	1/2"	1/2"
MEF49-8-12	1/2"	3/4"
MEF49-10-8	5/8"	1/2"
MEF49-10-12	5/8"	3/4"



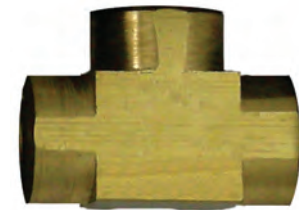
2 Way Forged Elbows	
Part No.	O.D. Tube Size
MEF55-6	3/8"
MEF55-8	1/2"
MEF55-10	5/8"
MEF55-12	3/4"



Male Tee	
Part No.	O.D. Tube Size
MEF44-6-6-6	3/8"
MEF44-8-8-8	1/2"
MEF44-10-10-10	5/8"



Flare Plugs	
Part No.	O.D. Tube Size
MEP2-4	1/4"
MEP2-6	3/8"
MEP2-8	1/2"
MEP2-12	3/4"



Female Tee	
Part No.	FNPT
ME415-01	1/4"



Tube Nut	
Part No.	O.D. Tube Size
MEF41-6	3/8"



Flare Caps	
Part No.	O.D. Tube Size
ME1695-4	1/4"
ME1695-6	3/8"
ME1695-8	1/2"
ME1695-12	3/4"



Pipe Threads Unions		
Part No.	MNPT	MNPT
MEF216-2	1/8"	1/8"
MEF216-4	1/4"	1/4"
MEF216-6	3/8"	3/8"
MEF216-6-8	3/8"	1/2"
MEF216-8	1/2"	1/2"
MEF216-12	3/4"	3/4"



# High Pressure Gas Connections

Part No.			Hose I.D.	Threads
Hose Barb Assembly	Hose Barb Only	Nut Only		
ME23C	ME23C-1	ME23C-2	1/4"	9/16"-18 Female Left Hand
ME23E	ME23E-1	ME23C-2	3/8"	9/16"-18 Female Left Hand



ME23C

Part No.		Connection	POL Description
Male Hard Nose POL	Male Soft Nose POL		
ME1650	ME1650SN	9/16"-18 Male Left Hand	7/8" Nut
ME1651	—	9/16"-18 Male Left Hand	1-1/8" Nut
ME1689	ME1645-78N	9/16"-18 Male Left Hand	.9 GPM Excess Flow, 7/8" Nut
—	ME1645	9/16"-18 Male Left Hand	.9 GPM Excess Flow, Plastic Handwheel
ME1687	—	9/16"-18 Male Left Hand	.9 GPM Excess Flow, 1-1/8" Nut
ME1689-EX18	—	9/16"-18 Male Left Hand	1.8 GPM Excess Flow, 7/8" Nut

Soft Nose POL



Hard Nose POL



Outlet Bushings		
Part No.	Male Left Hand Thread	Thread
ME24C	9/16"-18	1/4" MNPT
ME24E	9/16"-18	3/8" MNPT
ME24F	9/16"-18	1/2" MNPT
ME26C	9/16"-18	9/16"-18 Male Left Hand



ME24C

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# Hose Ferrules & Hose Menders



ME7327



ME27C



ME27E

Part No.	I.D.	OAL	Part No.	I.D.	OAL
ME7323	.525"	1"	ME7329	.687"	1"
ME7324	.531"	1"	ME7330	.718"	1"
ME7325	.562"	1"	ME7331	.750"	1"
ME7326	.593"	1"	ME7332	.781"	1"
ME7327	.625"	1"	ME7333	.812"	1"

Part No.	Hose I.D.
ME27C	1/4" x 1/4"
ME27E	3/8" x 3/8"



# Low Temperature Leak Detector

General purpose leak detector for all pressurized gases. Designed to detect joint leaks within 5 seconds of proper application at temperatures down to -40° F.

Part No.	Size	Description
ME-LD02	2 Ounces	Spray Bottle
ME-LD1	8 Ounces	Cap and Dauber
ME-LD16	16 Ounces	Cap and Brush
ME-LD2	1 Gallon	Container



# Safe-T-Locks

Designed to prevent tampering, product theft and/or accidental discharge of product. This product is perfect for any size tank valve with a POL connection or 1-3/4" Acme connection or gas plumbing, such as a riser.

To install, securely screw the plug or cap to the valving or plumbing using the appropriate wrench. Snap locking mechanism into place over plug or cap. Locking mechanism will cover the installation hex or knurl and swivel freely until key is inserted and the lock is removed.

## SPECIFICATIONS

- All brass body construction for maximum durability
- Locking mechanism and key features durable chrome plating
- Locking mechanism swivels 360° when installed to prevent tampering or removal
- Locking mechanism cannot be removed without key
- Universal key for all sizes and styles

Part No.	Thread	Packaging	Additional Keys
ME530	Male Soft Nose POL	12 Plugs & Locks, 1 Key	ME530-03
ME531-50	1/2" FNPT	6 Caps & Locks, 1 Key	ME530-03
ME531-75	3/4" FNPT	6 Caps & Locks, 1 Key	ME530-03
ME532-38	3/8" Male Flare	12 Plugs & Locks, 1 Key	ME530-03
ME532-50	1/2" Male Flare	12 Plugs & Locks, 1 Key	ME530-03
ME533	1-3/4" Female Acme	2 Caps & Locks, 1 Key	ME530-03
ME530PL	Male Soft Nose POL	12 Caps & Locks, 1 Key	ME530-03



## About This Catalog

This catalog is designed to provide a comprehensive overview of Marshall Excelsior's products. Due to the continuous development and additions to our product lines, this catalog may not include all products Marshall Excelsior offers. To see any new products that have been developed after this publication visit [www.marshallexcelsior.com](http://www.marshallexcelsior.com).

Pictures in this catalog will resemble the product shown. However, due to continuous improvements and changes in regulations, we do not guarantee that the picture in this catalog will be the exact replica of the product purchased. Any pictures shown in a group of products will resemble the other products being offered in the same group unless otherwise stated.

Marshall Excelsior is a manufacturer of LP-Gas and anhydrous ammonia (NH<sub>3</sub>) equipment. Unless otherwise stated, all products are designed and manufactured to be used only with LP-Gas or NH<sub>3</sub> and can withstand temperatures from -40° to +165° Fahrenheit. If there is a product that you would like to use for a different application contact your authorized Marshall Excelsior Distributor or Marshall Excelsior before installing the product.

This catalog is for general information only and should not be viewed as an all inclusive catalog of important technical information, regulations, warnings or installation instructions. Contact your authorized Marshall Excelsior Distributor or Marshall Excelsior for more information.

## Compliance

Marshall Excelsior manufactures all of our products to the highest industry standards. All of our products meet or exceed the requirements of the Compressed Gas Association (CGA), the National Fire Protection Association (NFPA), American National Standards Institute (ANSI), American Society of Mechanical Engineers (ASME) or Underwriters Laboratories, Inc. (UL) where indicated.

## Product Changes

Marshall Excelsior reserves the right to change product specifications at any time. We are constantly evaluating our products and incorporating engineering advances to ensure our products perform and comply with changes in market conditions, government mandates, and code changes. Marshall Excelsior shall not be required to modify any equipment already sold or in service.

## Filters

Marshall Excelsior develops products to be used in a debris, dirt and contamination free system. Installing an in-line filter may be necessary in a system that contains unclean product or when the system contains debris, dirt, scale, rust or other contaminants.

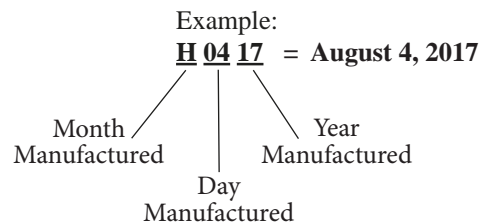
## Product Age

Marshall Excelsior products are mechanical devices that are subject to wear, contaminants, corrosion, and aging of components made of materials such as rubber and metal. Over time these devices will eventually become inoperative. The safe service life of these products will reflect the environment and conditions of use that they are subjected to. **Regular inspection and maintenance is essential.** Marshall Excelsior products have a long record of quality and service, so LP-Gas dealers may forget hazards that can arise from using aging devices that have outlived their safe service life. The length of a device's life is determined by the environment in which it is used, and the LP-Gas dealer knows better than anyone about this environment.

There are developing trends in state legislation and proposed national legislation making the owner of products responsible for replacing products before they outlive their safe service life. LP-Gas dealers should be aware of such legislation as it affects them.

To determine the product's age, check the product for a date code consisting of a series of letters and numbers.

A = January	B = February	C = March
D = April	E = May	F = June
G = July	H = August	I = September
J = October	K = November	L = December



# Warranty Information

## **WARNING**

Marshall Excelsior products are mechanical devices that are subject to wear, contaminants, corrosion, and aging components made of materials such as rubber and metal, and these devices will eventually become inoperative. The safe service life of these products will reflect the environment and conditions of use that they are subjected to. Regular inspection and maintenance is essential. Marshall Excelsior products have a long record of quality and service, so LP-Gas dealers may forget hazards that can arise from using aging devices that have outlived their safe service life. The length of a device's life reflects the environment in which it is used, and the LP-Gas dealer knows better than anyone what this environment is.

There are developing trends in state legislation and proposed national legislation making the owner of products responsible for replacing products before they outlive their safe service life. LP-Gas dealers should be aware of such legislation as it affects them.

All Marshall Excelsior products must be installed, inspected and maintained by a trained and experienced professional adhering to all installation instructions, product and safety warnings, local, state, federal regulations, codes and standards and any other standards set by, but not limited to, NFPA, DOT or ANSI.

LP-Gas is a highly explosive and flammable gas that should never be vented near a possible ignition source.

## **LIMITED WARRANTY**

Marshall Excelsior warrants all of its products and repair kits to the original buyer to be free of defects in material and workmanship under normal service and use for 5 years from the manufactured date unless otherwise specified. If a buyer perceives a product to have a defect, the buyer must notify Marshall Excelsior's home office in writing within 20 days of known perceived defect and the product must be postmarked and shipped F.O.B. origin within 30 days to Marshall Excelsior's home office after known perceived defect. Marshall Excelsior will not accept any product that does not have a Return Material Authorization (RMA) number from the home office in Marshall, MI. After Marshall Excelsior has inspected the product and deems the product to be defective, at its discretion, Marshall Excelsior will repair, replace or refund the purchase price of the defective product. If the buyer does not comply with the above stated, the buyer will waive unconditionally and absolutely any and all claims arising out of such perceived defect.

This warranty covers manufacturing defects only and does not cover defects in product compliance due to normal wear and tear of parts, which by nature are subject to normal and continuous wear and tear (e.g. gaskets, seals, O-rings and linings). Does not warrant any product or part that has been altered, accidentally damaged, disassembled, modified, misused, neglected, or not properly maintained or installed. Marshall Excelsior also does not warrant cosmetic issues including but not limited to dents, scratches, product discoloration, color fading or any other imperfection that does not affect the functionality of the product. This warranty does not cover any product or part not installed according to Marshall Excelsior's installation instructions or product warnings, local, state, federal regulations, standards, codes or any other standards set by but not limited to NFPA, DOT or ANSI requirements. Marshall Excelsior's mandatory liability shall be restricted to the sum equal to the purchase of the product and makes no other warranty, express or implied, but not limited to, the implied warranties of salability and appropriateness for a specified purpose, with respect to its products and parts, whether used along or in combination with others.

## **LIMITATION OF LIABILITY**

### **Product Users Notification**

If the product user purchased a new, never used or installed Marshall Excelsior product from an approved Marshall Excelsior distributor and the product user perceives the product to have a defect, the product user must notify the approved distributor where he/she purchased the product from in writing within 20 days of known perceived defect and the product must be post-marked and shipped to the distributor within 30 days of known perceived defect. If the product user does not comply with the above stated, the product user will waive unconditionally and absolutely any and all claims arising out of such perceived defect.



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