

MEC Excela-Flo First Stage Domestic Regulators

Application:

These first stage regulators are used to reduce LP gas tank pressures for a second stage regulator (normally 10 PSIG). All MEC first stage regulators are red indicating high outlet pressure. First stage regulator vents have 3/4" FNPT tapped ports and E-Z Grip screens located over the outlet. Both the MEGR-1122H and the MEGR-1622H series offer optimal relief performance that well exceeds UL test requirements providing double failure overpressure protection when used with MEC MEGR-1622 & MEGR-1652 Series Second Stage regulators. All MEC Excela-Flo domestic regulators feature a 25 year recommended replacement life and our exclusive tear away leak check adhesive sticker.

MEGR-1122H & MEGR-1622H Series Specifications:

Type: First Stage
Max. Inlet Pressure: 250 PSIG
Exterior Finish: Red Powder Coat
Orifice Size: .15" (Compact) & 7/32" Full
Diaphragm: Fabric Reinforced NBR Molded Lip O-Ring Bonnet/Body Seal
Relief Type: Internal Relief - Spring Loaded
Bonnet / Body Material: Die Cast Aluminum
Seat Material: Fluorocarbon (FKM)
Listings: cUL_{us} / UL 144
Mounting Holes: Standard 3-1/2" Center
Pressure Taps: #54 Orifice 1/8" FNPT Plugged (2)
Relief Travel Stop: Molded in Adjustment Cap - Gray (Compact), Black (Full Size)

PATENT PENDING



MEGR-1122H Compact Series



PATENT PENDING



MEGR-1622H Full Size Series



MEGR-1122H Series: Offers a compact first stage regulator design perfect for tight applications such as underground tank domes. They feature an adjustment range from 9-12 PSIG (factory set @ 10 PSIG), stainless steel internal components, fluorocarbon (FKM) seat discs, molded lip fabric reinforced diaphragms and large aluminum precision machined orifice to minimize freeze ups while providing superior downstream regulation and maximum corrosion resistance against weather or contaminated gas.

MEGR-1622H Series: Offers all of the same features as the compact MEGR-1122H Series in a full size version. Our full size MEGR-1622H Series has a large fabric reinforced diaphragm for superior downstream regulation, heavy duty wrench flats, and a large 3/4" FNPT tapped drip lip vent to help prevent relief vent blockage.

MEC Excela-Flo First Stage Domestic Regulators

Part No.	Type	Capacity in BTU/H LPG ⁽¹⁾	Inlet	Outlet	Outlet Adj. Range (PSI)	Outlet Set Point (PSI)
MEGR-1122H-AAJ	Compact	1,000,000	1/4" FNPT	1/2" FNPT	8-12	10
MEGR-1122H-AAJXB ⁽²⁾	Compact	1,000,000	1/4" FNPT	1/2" FNPT	8-12	10
MEGR-1622H-BGJ	Full Size	2,200,000	1/2" FNPT	1/2" FNPT	8-12	10
MEGR-1622H-DGJ	Full Size	2,500,000	3/4" FNPT	3/4" FNPT	8-12	10
MEGR-1622H-HGJ	Full Size	2,300,000	F. POL	1/2" FNPT	8-12	10
MEGR-1622H-JGJ	Full Size	2,750,000	F. POL	3/4" FNPT	8-12	10

(1) Based on 30 PSIG Inlet pressure and 20% droop

(2) Indicates vent orientation over pressure taps

MEGR-1122H-AAJ
Stocked in CDC



For Your Local Marshall Excelsior Distributor Call 269-789-6700,
 Fax 269-781-8340 or E-mail: sales@marshallexcelsior.com
 www.marshallexcelsior.com



Tested in the
U.S.A

MARSHALL EXCELSIOR

innovation made simple



<i>Comparison Sheet</i>				
MEC Excela-Flo	Fisher	Rego	Inlet x Outlet	Configuration
First Stage - Compact				
MEGR-1122H-AAJ	R122H-AAJ	LV3403TR	1/4" x 12"	straight
First Stage - Full Size				
MEGR-1622H-HGJ	R622H-HGJ	LV4403TR9	F.POL x 1/2"	straight
MEGR-1622H-JGJ	R622H-JGJ	LV4403TR96	F.POL x 3/4"	
Second Stage - Compact				
MEGR-1222-BAF	R222-BAF	N/A	1/2" x 1/2"	straight
Second Stage - Full Size				
MEGR-1622-BCF	R622-BCF	LV4403B4	1/2" x 1/2"	straight
MEGR-1622-CFF	R622-CFF	LV4403B46	1/2" x 3/4"	
MEGR-1622-DFF	R622-DFF	LV4403B66	3/4" x 3/4"	
MEGR-1652-CFF	R652-CFF	LV4403B46R	1/2" x 3/4"	backmount
MEGR-1652-DFF	R652-DFF	LV4403B66R	3/4" x 3/4"	
Integral Two-Stage - Compact				
MEGR-1232-BBF	R232-BBF	LV404B34	1/4" x 1/2"	straight
MEGR-1232-HBF	R232-HBF	LV404B39	F.POL x 1/2"	
Integral Two-Stage - Full Size				
MEGR-1632-BCF	R632-CCF	LV404B4	1/4" x 1/2"	straight
MEGR-1632-HCF	R632-HCF	LV404B9	F.POL x 1/2"	
MEGR-1632-JFF	R632-JFF	LV404B96	F.POL x 3/4"	
MEGR-1632-CFF	R632-CFF	LV404B46	1/4" x 3/4"	
2 PSIG Service Regulator				
MEGR-1622E-BCH	R622E-BCH	LV4403Y4	1/2" x 1/2"	straight
MEGR-1622E-DCH	R622E-DCH	LV5503Y6	3/4" x 3/4"	
MEGR-1652E-DFH	R652E-DFH	LV4403Y46R	3/4" x 3/4"	backmount