

# Compact 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-1642 & MEGR-1652 Series Second Stage regulators. All MEC Excelsior-Flo domestic regulators feature a 25 year recommended replacement life and our exclusive tear away leak check adhesive sticker.

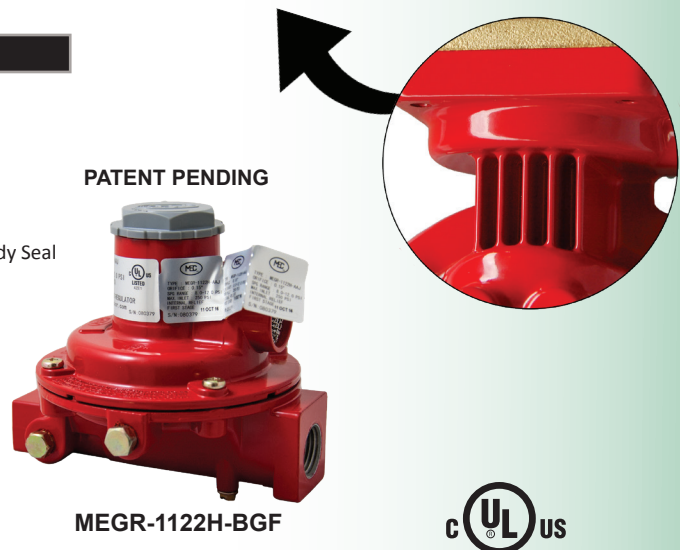
**MEGR-1122H Series:** Offers a compact first stage regulator design perfect for tight applications such as underground tank domes. They feature an adjustment range from 9-12 PSIG (factory set @ 10 PSIG), stainless steel internal components, fluorocarbon (FKM) seat discs, molded lip fabric reinforced 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-1222H 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.

- F. POL outlet version features NEW patent pending anti-freeze heat transfer fins

## SPECIFICATIONS:

**Type:** First Stage  
**Max. Inlet Pressure:** 250 PSIG  
**Exterior Finish:** Red Powder Coat  
**Interior 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<sub>us</sub> / 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)



MEC Excelsior-Flo First Stage Domestic Regulators

Part No.	Capacity in BTU/H LPG <sup>(1)</sup>	Inlet	Outlet	Vent Port	Outlet Adj. Range (PSI)	Outlet Set Point (PSI)
MEGR-1122H-AAJ	1,000,000	1/4" FNPT	1/2" FNPT	3/8" FNPT	8-12	10
MEGR-1122H-AAJXA <sup>(2)</sup>	1,000,000	1/4" FNPT	1/2" FNPT	3/8" FNPT	8-12	10
MEGR-1122H-AAJXB <sup>(3)</sup>	1,000,000	1/4" FNPT	1/2" FNPT	3/8" FNPT	8-12	10
MEGR-1222H-BGF	1,000,000	F. POL	1/2" FNPT	3/8" FNPT	9-12	10
MEGR-1222H-BGFXA <sup>(2)</sup>	1,000,000	F. POL	1/2" FNPT	3/8" FNPT	9-12	10
MEGR-1222H-BGFXB <sup>(3)</sup>	1,000,000	F. POL	1/2" FNPT	3/8" FNPT	9-12	10
MEGR-1222H-BGJ	1,700,000	F. POL	3/4" FNPT	3/8" FNPT	9-12	10
MEGR-1222H-BGJXA <sup>(2)</sup>	1,700,000	F. POL	3/4" FNPT	3/8" FNPT	9-12	10

(1) Based on 30 PSIG Inlet pressure and 20% droop  
 (2) Indicates vent orientation opposite pressure tap ports

(3) Indicates vent orientation over pressure taps



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