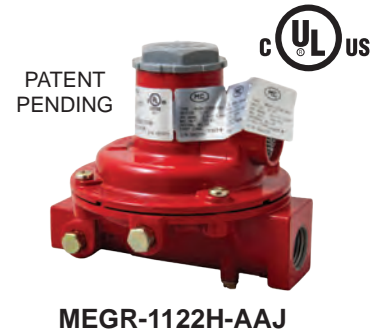


# DOMESTIC - FIRST STAGE

## COMPACT MODELS

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. Compact First stage regulator vents have 3/8" FNPT tapped ports and E-Z Grip screens located over the outlet. The MEGR-1222H series offers 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 **Excelsa-Flo™** domestic regulators feature a 25 year recommended replacement life and our exclusive 3 part 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 inlet 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:** 0.15"

**Diaphragm:** Fabric Reinforced NBR Molded Lip O-Ring  
Bonnet/Body Seal

**Relief Type:** Internal Relief - Spring Loaded

**Bonnet / Body Material:** Die Cast Aluminum

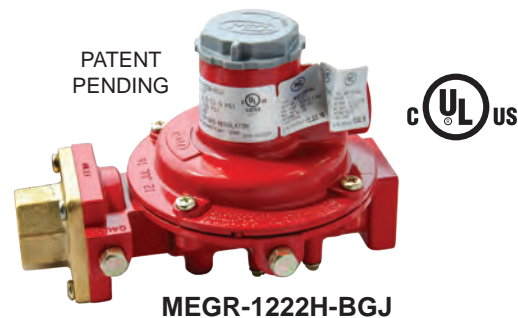
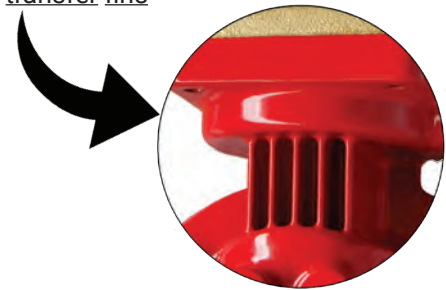
**Seat Material:** Fluorocarbon (FKM)

**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 - Grey



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 regulator vent opposite pressure tap ports

(3) Indicates regulator vent over pressure taps



# DOMESTIC - FIRST STAGE

## COMPACT BACK MOUNT

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. Compact First stage regulator vents have 3/8" FNPT tapped ports and E-Z Grip screens located over the outlet. The MEGR-1222H series offers 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 **Excelsa-Flo™** domestic regulators feature a 25 year recommended replacement life and our exclusive 3 part tear away leak check adhesive sticker.

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



MEGR-1252H-BGFXA w/ flexible riser



LEFT IMAGE: MEGR-1252H-BGFXA w/ ME690 Dielectric Union

### SPECIFICATIONS

**Type:** First Stage

**Max. Inlet Pressure:** 250 PSIG

**Exterior Finish:** Red Powder Coat

**Interior Finish:** Red Powder Coat

**Orifice Size:** 0.17

**Diaphragm:** Fabric Reinforced NBR Molded Lip O-Ring Bonnet/Body Seal

**Relief Type:** Internal Relief - Spring Loaded

**Bonnet / Body Material:** Die Cast Aluminum

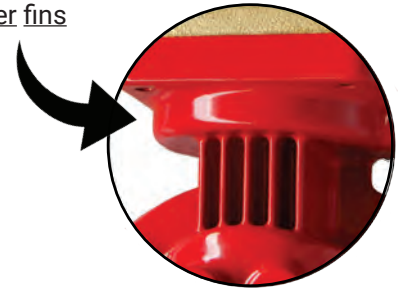
**Seat Material:** Fluorocarbon (FKM)

**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 - Grey



The MEGR-1252H 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. With the outlet located 90 degrees from the inlet this configuration is perfectly oriented to exit the protective shroud of both above and below ground tanks without additional elbow fittings or connections. The "XA" model locates the pressure tap ports opposite the vent so that the regulator can be mounted horizontally for easy access and proper downward positioning of the vent opening.

Part No.	Capacity in BTU/H LPG <sup>(1)</sup>	Inlet	Outlet	Outlet Adj. Range (PSI)	Outlet Set Point (PSI)
MEGR-1252H-BGF	1,400,000	F. POL	1/2" FNPT	9-12	10
MEGR-1252H-BGFXA <sup>(2)</sup>	1,400,000	F. POL	1/2" FNPT	9-12	10
MEGR-1252H-BGJ	1,500,000	F. POL	3/4" FNPT	9-12	10
MEGR-1252H-BGJXA <sup>(2)</sup>	1,500,000	F. POL	3/4" FNPT	9-12	10

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

(2) Indicates vent orientation opposite pressure taps



Tested in the U.S.A

## FULL SIZE MODELS

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 full size 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 exceeds UL test requirements providing double failure overpressure protection when used with MEC MEGR-1622 & MEGR-1652 series second stage regulators. All MEC **Excelsa-Flo™** domestic regulators feature a 25 year recommended replacement life and the MEC exclusive tear away leak check adhesive sticker.

**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.

### SPECIFICATIONS

**Type:** First Stage

**Max. Inlet Pressure:** 250 PSIG

**Exterior Finish:** Red Powder Coat

**Interior Finish:** Red Powder Coat

**Orifice Size:** 0.219"

**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 - Black



Tested in the  
U.S.A

PATENT PENDING



PATENT PENDING



Part No.	Capacity in BTU/H LPG <sup>(1)</sup>	Inlet	Outlet	Vent Port	Outlet Adj. Range (PSI)	Outlet Set Point (PSI)
MEGR-1622H-BGJ	2,200,000	1/2" FNPT	1/2" FNPT	3/4" FNPT	8-12	10
MEGR-1622H-DGJ	2,500,000	3/4" FNPT	3/4" FNPT	3/4" FNPT	8-12	10
MEGR-1622H-HGJ	2,300,000	F. POL	1/2" FNPT	3/4" FNPT	8-12	10
MEGR-1622H-JGJ	2,750,000	F. POL	3/4" FNPT	3/4" FNPT	8-12	10

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

# DOMESTIC - FIRST STAGE

## 5 PSI OUTLET PRESSURE

These first stage regulators are used to reduce LP gas tank pressures for a second stage regulator (5 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. 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 **Excelsa-Flo™** domestic regulators feature a 25 year recommended replacement life and our exclusive tear away leak check adhesive sticker.



Part No.	Type	Capacity in BTU/H LPG <sup>(1)</sup>	Inlet	Outlet	Outlet Adj. Range (PSI)	Outlet Set Point (PSI)
MEGR-1622H-BGK	Full Size	2,100,000	1/2" FNPT	1/2" FNPT	4-6	5
MEGR-1622H-HGK	Full Size	2,200,000	F. POL	1/2" FNPT	4-6	5
MEGR-1622H-JGK	Full Size	2,650,000	F. POL	3/4" FNPT	4-6	5



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

## FEMALE POL TEE INLET

These first stage F. POL tee inlet regulators are used to reduce LP gas tank pressures for a second stage regulator (normally 10 PSIG) in a multiple tank manifold installation without adapters or tees. All MEC first stage regulators are red indicating high outlet pressure. Compact First stage regulator vents have 3/8" FNPT tapped ports and E-Z Grip screens located over the outlet. The MEGR-1222HT series offers 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 **Excelsa-Flo™** domestic regulators feature a 25 year recommended replacement life and our exclusive tear away leak check adhesive sticker.



**MEGR-1222HT**  
Compact Tee Inlet Series

### SPECIFICATIONS

- Type:** First Stage
- Max. Inlet Pressure:** 250 PSIG
- Exterior Finish:** Red Powder Coat
- Interior Finish:** Red Powder Coat
- Orifice Size:** 0.15" (Compact) & 0.219" 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)

Part No.	Type	Capacity in BTU/H LPG <sup>(1)</sup>	Inlet	Outlet	Outlet Adj. Range (PSI)	Outlet Set Point (PSI)
MEGR-1222HT-BGF	Compact	1,000,000	F. POL/Tee	1/2" FNPT	8-12	10
MEGR-1622HT-HGJ	Full	2,300,000	F. POL/Tee	1/2" FNPT	8-12	10
MEGR-1622HT-JGJ	Full	2,750,000	F. POL/Tee	3/4" FNPT	8-12	10

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

