

Integral Two-Stage 2 PSI Service Regulators

PATENT PENDING



MEGR-1232E Compact Series: Offers a compact integral two-stage 2 PSI regulator design perfect for lower BTU applications and confined spaces. They feature an adjustment range from 1-2.2 PSI (factory set @ 2 PSI). Stainless steel integral components, fluorocarbon (FKM) seat discs, molded lip fabric reinforced diaphragms, and large precision machined aluminum orifices providing superior downstream regulation and maximum corrosion resistance against weather or contaminated gas.



MEGR-1632E Full Size Series: Offers all of the same features as the compact MEGR-1232E series in a full size high capacity version. The full size MEGR-1632E diaphragm provides superior downstream regulation, has heavy duty wrench flats and a large 3/4" FNPT tapped drip lip vent to help prevent relief vent blockage.

Application:

MEC **Excela-Flo** integral two-stage regulators combine the first and second stage regulator set-up into one convenient unit converting tank pressure to 2 PSI. All MEC integral two-stage 2 PSI regulators are white indicating 2 PSI outlet pressure. Integral two-stage 2 PSI regulators are recommended for installations with short piping distances, but provide the same advantages of two-stage regulation with a single unit. 2 PSI service regulators are used in conjunction with an LPG line regulator either at the indoor appliance or a remote manifold distribution header inlet. All MEC integral two-stage regulator vent have tapped ports (7/16 -24 - First Stage) (3/8" FNPT or 3/4" FNPT - Second Stage) and our exclusive E-Z Grip screens located over the outlet. Both the MEGR-1232E and MEGR-1632E series offer optimal relief performance that well exceeds UL test requirements providing over pressure protection of no more than 4 PSI downstream pressure.

MEC **Excela-Flo** integral two-stage domestic regulators feature a 25 year recommended replacement life, our exclusive Tri-Tap™ (tank, 10 PSI, 2 PSI) pressure port system and tear away leak check adhesive sticker.

MEGR-1232E & MEGR-1632E Series Specifications:

- Type:** Integral Two-Stage 2 PSI
- Max. Inlet Pressure:** 250 PSIG
- Exterior Finish:** White Powder Coat
- Orifice Size:** .17" (Compact) & 7/32" (Full)
- Seat Material:** Fluorocarbon (FKM)
- Diaphragm:** Fabric Reinforced NBR/Molded Lip O-Ring Bonnet/Body Seal
- Relief Type:** Internal Relief - Spring Loaded
- Bonnet / Body Material:** Die Cast Aluminum
- Listings:** cUL_{US} / UL 144
- Mounting Holes:** Standard 3-1/2" Center
- Pressure Taps:** #54 Orifice 1/8" FNPT Plugged (3)
- Relief Travel Stop:** Molded in Adjustment Cap - Gray (Compact), White (Full Size)

MEC **Excela-Flo** Integral Two-Stage 2 PSI Service Regulators

| Part No. | Type | Capacity in BTU/H LPG ⁽¹⁾ | Inlet | Outlet | Outlet Adj. Range (PSI) | Outlet Set Point (PSI) |
|---------------------------------|-----------|--------------------------------------|-----------|-----------|-------------------------|------------------------|
| MEGR-1232E-BBH | Compact | 550,000 | 1/4" FNPT | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1232E-BBHXA ⁽²⁾ | Compact | 550,000 | 1/4" FNPT | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1232E-HBH | Compact | 600,000 | F. POL | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1232E-HBHXA ⁽²⁾ | Compact | 600,000 | F. POL | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1632E-BCH | Full Size | 1,000,000 | 1/4" FNPT | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1632E-BCHXA ⁽²⁾ | Full Size | 1,000,000 | 1/4" FNPT | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1632E-CFH | Full Size | 1,050,000 | 1/4" FNPT | 3/4" FNPT | 1-2.2 | 2 |
| MEGR-1632E-CFHXA ⁽²⁾ | Full Size | 1,050,000 | 1/4" FNPT | 3/4" FNPT | 1-2.2 | 2 |
| MEGR-1632E-HCH | Full Size | 1,025,000 | F. POL | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1632E-HCHXA ⁽²⁾ | Full Size | 1,025,000 | F. POL | 1/2" FNPT | 1-2.2 | 2 |
| MEGR-1632E-JFH | Full Size | 1,050,000 | F. POL | 3/4" FNPT | 1-2.2 | 2 |
| MEGR-1632E-JFHXA ⁽²⁾ | Full Size | 1,050,000 | F. POL | 3/4" FNPT | 1-2.2 | 2 |

(1) Based on 30 PSIG inlet pressure and 20% droop
 (2) Indicates regulator vents opposite pressure tap ports

