

Integral Two-Stage Domestic Regulators

PATENT PENDING



MEGR-1232 Compact Series: Offers a compact integral two-stage regulator design perfect for lower BTU applications and confined spaces. They feature an adjustment range from 8-14" WC (factory set @ 11" WC). 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-1632 Full Size Series: Offers all of the same features as the compact MEGR-1232 series in a full size high capacity version. The full size MEGR-1632 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:

These integral two-stage regulators combine the first and second stage regulator set-up into one convenient unit converting tank pressure to 11" WC. All MEC integral two-stage domestic regulators are gray indicating low outlet pressure. Integral two-stage regulators are recommended for installations with short piping distances, but provide the same advantages of two-stage regulation with a single unit. All MEC integral two-stage regulator vent have tapped ports (7/16 -24-First Stage) (3/4" FNPT - Second Stage) and our exclusive E-Z Grip screens located over the outlet. Both the MEGR-1232 and MEGR-1632 series offer optimal relief performance that well exceeds UL test requirements providing over pressure protection of no more than 2 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, 11" WC) pressure port system and tear away leak check adhesive sticker.

MEGR-1232 & MEGR-1632 Series Specifications:

Type: Integral Two-Stage
Max. Inlet Pressure: 250 PSIG
Exterior Finish: Gray 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), Black (Full Size)

MEC Excela-Flo Integral Two-Stage Domestic Regulators						
Part No.	Type	Capacity in BTU/H LPG ⁽¹⁾	Inlet	Outlet	Outlet Adj. Range ("WC)	Outlet Set Point ("WC)
MEGR-1232-BBF	Compact	450,000	1/4" FNPT	1/2" FNPT	9.5-13	11
MEGR-1232-BBFXA ⁽²⁾	Compact	450,000	1/4" FNPT	1/2" FNPT	9.5-13	11
MEGR-1232-HBF	Compact	450,000	F. POL	1/2" FNPT	9.5-13	11
MEGR-1232-HBFXA ⁽²⁾	Compact	450,000	F. POL	1/2" FNPT	9.5-13	11
MEGR-1632-BCF	Full Size	700,000	1/4" FNPT	1/2" FNPT	9-13	11
MEGR-1632BCFXA ⁽²⁾	Full Size	700,000	1/4" FNPT	1/2" FNPT	9-13	11
MEGR-1632-CFF	Full Size	950,000	1/4" FNPT	3/4" FNPT	9-13	11
MEGR-1632-CFFXA ⁽²⁾	Full Size	950,000	1/4" FNPT	3/4" FNPT	9-13	11
MEGR-1632-HCF	Full Size	700,000	F. POL	1/2" FNPT	9-13	11
MEGR-1632-HCFXA ⁽²⁾	Full Size	700,000	F. POL	1/2" FNPT	9-13	11
MEGR-1632-JFF	Full Size	900,000	F. POL	3/4" FNPT	9-13	11
MEGR-1632-JFFXA ⁽²⁾	Full Size	900,000	F. POL	3/4" FNPT	9-13	11

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