

Excela-Flo **Second Stage Domestic Regulators**

PATENT PENDING



MEGR-1222
Compact Series



PATENT PENDING



MEGR-1252
Compact Back Mount



PATENT PENDING



MEGR-1622
Full Size Series



PATENT PENDING



MEGR-1652
Back Mount Series



Application:

These second stage regulators are used to reduce outlet pressures from first stage regulators (normally 10 PSIG) to 11" WC in domestic installations. All MEC second stage regulators are green indicating low outlet pressure. Second stage regulator vents have 3/4" FNPT tapped ports and our exclusive E-Z grip screens located over the inlet. All MEC second stage domestic regulators feature a stainless steel inlet filter screen to reduce debris from passing through the regulator. Both the MEGR-1622 and the MEGR-1652 Series offer optimal relief performance that well exceeds UL test requirements providing double failure overpressure protection (no more than 2 PSI downstream pressure) when used with MEGR-1122H, MEGR-1222H and MEGR-1622H Series First 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-1222, MEGR-1252, MEGR-1622 & MEGR-1652

Type: Second Stage

Max. Inlet Pressure: 10 PSIG

Exterior Finish: Green Powder Coat

Interior Finish: Green Powder Coat

Orifice Size: .14" (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:  / 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 (Full Size), Gray (Compact)

MEGR-1222 & MEGR-1252 Series: Offers a compact second stage regulator design perfect for lower BTU applications. They feature an adjustable range from 9.5-13" WC (factory set @ 11" WC), stainless steel internal components, fluorocarbon (FKM) seat discs, molded lip fabric reinforced diaphragms and large aluminum precision machined orifices providing superior downstream regulation and maximum corrosion resistance against weather or contaminated gas. The MEGR-1222 Series have both the inlet and outlet in line where the MEGR-1252 series have a rear discharge back mount outlet for convenient wall mount applications.

MEGR-1622 & MEGR-1652 Series: Offers all of the same features as the compact MEGR-1222 Series but in a full size, high capacity version. Our full size second stage regulators have 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 valve blockage. The MEGR-1622 Series have both the inlet and outlet in line where the MEGR-1652 series have a rear discharge back mount outlet for convenient wall mount applications.

MEC Excela-Flo Second Stage Domestic Regulators						
Part No.	Type	Capacity in BTU/H LPG ⁽¹⁾	Inlet	Outlet	Outlet Adj. Range ("WC)	Outlet Set Point ("WC)
MEGR-1222-BAF	Compact	500,000	1/2" FNPT	1/2" FNPT	9.5-13	11
MEGR-1252-BAF ⁽²⁾	Back Mount	500,000	1/2" FNPT	1/2" FNPT	9.5-13	11
MEGR-1622-BCF	Full Size	710,000	1/2" FNPT	1/2" FNPT	9-13	11
MEGR-1622-CFF	Full Size	1,300,000	1/2" FNPT	3/4" FNPT	9-13	11
MEGR-1622-CFFXO ⁽³⁾	Full Size	1,300,000	1/2" FNPT	3/4" FNPT	9-13	11
MEGR-1622-DFF	Full Size	1,300,000	3/4" FNPT	3/4" FNPT	9-13	11
MEGR-1622-DFFXO ⁽³⁾	Full Size	1,300,000	3/4" FNPT	3/4" FNPT	9-13	11
MEGR-1652-CFF ⁽²⁾	Back Mount	1,000,000	1/2" FNPT	3/4" FNPT	9-13	11
MEGR-1652-DFF ⁽²⁾	Back Mount	1,000,000	3/4" FNPT	3/4" FNPT	9-13	11

(1) Based on 10 PSIG inlet pressure and 20% droop

(2) Indicates back mount configuration

(3) Indicates vent over outlet



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