

PRESSURE REDUCING REGULATORS

MEGR-1912 SERIES



APPLICATION:

The MEGR-1912 Series UL Listed regulators are direct-operated, spring-loaded models designed for use in a variety of service and industrial applications. These regulators have limited-capacity internal relief across the diaphragm to help minimize overpressure.

The MEGR-1912 Series with capacity ratings of less than 320,000 BTU/hr (129 sc), are often used on small portable outdoor appliances.

Underwriters Laboratories requires horizontally mounted regulators to be installed with vent opening protection to prevent blockage by freezing rain.

MEGR-1912 SPECIFICATIONS:

Type: Single Stage
 Max. Inlet Pressure: 250 PSI
 Vent Screen: Monel
 Gasket: CGR 2750
 Relief Valve: Brass and Zinc
 Control and Relief Valve Spring: Plated Steel
 Diaphragm Assembly: Nitrile (NBR) with Zinc disk
 Spring Case: Die Cast - Zinc
 Spring Seat: Plated Steel
 Diaphragm: Nitrile (NBR)
 Diaphragm Plate: Plated Steel
 Body Material/Lower Casting: Die Cast - Zinc
 Listings: UL LISTED / UL 144



MEGR-1912 Series

Part No.	Inlet x Outlet Connection Style	Orifice Sizes, Inches (mm)	Outlet Pressure Setting	Outlet Pressure Ranges, Inches W.C. (mbar)	Vent Orientation	BTU/H LPG @ 100 PSI Inlet
MEGR-1912/101	1/4" x 3/8" FNPT	0.073 (1,8)	11-inches w.c. (27 mbar)	9.25 to 13 (23 to 32)	Over Outlet	242,953
MEGR-1912/104	1/4" x 1/4" FNPT	0.073 (1,8)	11-inches w.c. (27 mbar)	9.25 to 13 (23 to 32)	Over Outlet	242,953
MEGR-1912/109	1/4" x 3/8" FNPT	0.073 (1,8)	7-inches w.c. (17 mbar)	5 to 10 (12 to 25)	Over Outlet	242,953
MEGR-1912/197	1/4" x 3/8" FNPT	0.094 (2,4)	20-inches w.c. (50 mbar)	12 to 24 (30 to 60)	Over Outlet	313,488
MEGR-1912H/108	1/4" x 3/8" FNPT	0.094 (2,4)	1.5 PSI (103 mbar)	0.5 to 2.7 psi (34 to 186 mbar)	Over Outlet	297,814
MEGR-1912H/520	1/4" x 1/4" FNPT	0.094 (2,4)	3.5 PSI (241 mbar)	2.7 to 5 psi (186 to 345 mbar)	Over Outlet	----
MEGR-1912H/534	1/4" x 1/4" FNPT	0.073 (1,8)	1.5 PSI (103 mbar)	0.5 to 2.7 psi (34 to 186 mbar)	Over Outlet	----
MEGR-1912N/113	1/4" x 3/8" FNPT	0.073 (1,8)	5-inches w.c. (27 mbar)	3 to 7 (7 to 17)	Over Outlet	----
MEGR-1912N/194	1/4" x 1/4" FNPT	0.073 (1,8)	5-inches w.c. (27 mbar)	3 to 7 (7 to 17)	Over Outlet	----

* Other configurations and materials available upon request.

For Your Local Marshall Excelsior Distributor Call 269-789-6700,
 Fax 269-781-8340 or E-mail: sales@marshallexcelsior.com
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