For Your Safety

It is solely the responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. When selecting products, the total system design must be considered to ensure safe, trouble-free performance. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or property damage.

Contact your authorized GO Regulator sales and service representative for information about additional sizes and special alloys.

SAFETY WARNING:

GO Regulator products are designed for installation only by professional suitably qualified licensed system installers experienced in the applications and environments for which the products are intended. These products are intended for integration into a system. Where these products are to be used with flammable or hazardous media, precautions must be taken by the system designer and installer to ensure the safety of persons and property. Flammable or hazardous media pose risks associated with fire or explosion, as well as burning, poisoning or other injury or death to persons and/or destruction of property. The system designer and installer must provide for the capture and control of such substances from any vents in the product(s). The system installer must not permit any leakage or uncontrolled escape of hazardous or flammable substances. The system operator must be trained to follow appropriate precautions and must inspect and maintain the system and its components including the product(s) and at regular intervals in accordance with timescales recommended by the supplier to prevent unacceptable wear or failure.

GOREGULATOR, INC.

MR Series

Ultra Miniature Pressure Regulator

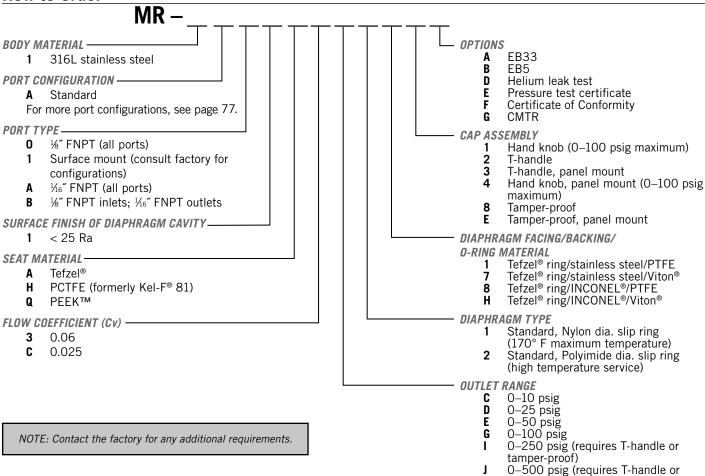


The MR is an ultra-miniature pressure regulator that has many of the same features found in the timetested design of the CPR-1 & PR-1 Series pressure regulators. Designed for surface, panel or manifold mounting, the MR offers the utmost in versatility to the systems designer. It's low internal volume of less than 2.7cc makes the MR the perfect choice for systems that require rapid purge cycles. Standard features permit using this regulator in a wide variety of services, including corrosive fluids. The MR can be tailored to virtually any application by utilizing the optional features. All of this is attainable while achieving as low as 0.2% accuracy during supply pressure fluctuations. This regulator is designed to allow the construction of compact and sophisticated analytical instrumentation where the optimum in pressure control is required and space is at a premium.

Features & Specifications

- Gas or liquid service
- 316L stainless steel construction
- Internal volume is less than 2.7cc
- 316L stainless steel body with better than 25 Ra finish in diaphragm cavity
- 20 micron inlet filter
- Bubble-tight shutoff
- Outlet pressure ranges are 0–10, 0–25, 0–50, 0–100, 0–250 and 0–500 psig
- Cv flow coefficient 0.025 or 0.06
- Option: surface mount (for manifolds)
- Optional INCONEL® diaphragm

How to Order

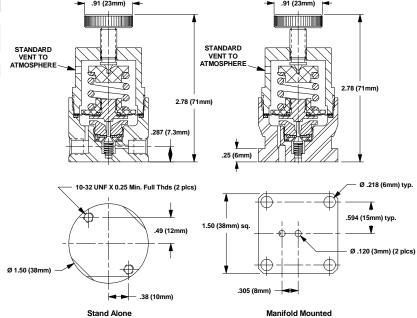


Maximum Temperature & Operating Inlet Pressures

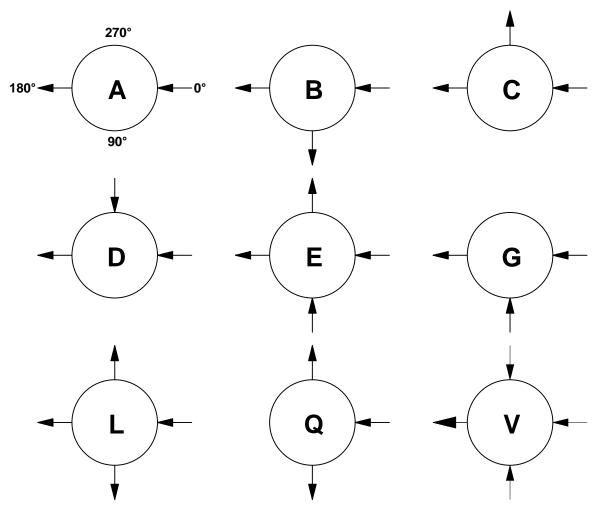
MAXIMUM TEMPERATURE	@	MAXIMUM OPERATING INLET PRESSURE
150° F (66° C)	@	3600 psig (24.82 MPa)
175° F (80° C)	@	6000 psig (41.37 MPa)
500° F (260° C)	@	3600 psig (24.82 MPa)
175° F (80° C)	@	6000 psig (41.37 MPa)
	TEMPERATURE 150° F (66° C) 175° F (80° C) 500° F (260° C)	TEMPERATURE @ 150° F (66° C) @ 175° F (80° C) @ 500° F (260° C) @

Outline and Mounting Dimensions

tamper-proof)



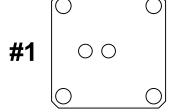
Port Locations



LOCATION OF PORTS FROM TOP VIEW

Arrow pointing toward body is inlet. Arrow pointing away from body is outlet.

Surface Mount
Requires "Surface Mount" Port
Type option.



Center port is inlet, offset port is outlet.

Location of ports from bottom view.