PR-9 Series

High Temperature Stainless Steel Pressure Regulator



The PR-9 Series high temperature pressure regulator is designed for the pressure control of gases and liquids up to 1000° F. All metal components in and out of the flow stream provide the user with extended reliability in rigorous high temperature ambient and process applications. This regulator can also be used in applications where no elastomers are allowed in the flow stream. The PR-9 is equipped with a metal-to-metal seat and will not provide bubble-tight shutoff. If shutoff is required, a high temperature shutoff valve must be placed upstream of this regulator

Features & Specifications

- 650° F (340° C) or 1000° F (540° C)
- All metal construction, no elastomers
- Gas or liquid service
- Inlet pressure 3000 psig at 650° F (343° C), 1500 psig at 1000° F (538° C)
- Adjustable outlet pressure ranges of 0-25, 0-50, 0-100 and 0-250 psig
- Stainless steel (316L or 347), Inconel®, tungsten carbide in flow stream
- Cv flow coefficient of 0.06 and 0.2
- Metal-to-metal seat seal
- Inlet and outlet connections ¼" FNPT
- Operating temperature -382° F (-200° C) to +1000° F (+540° C)

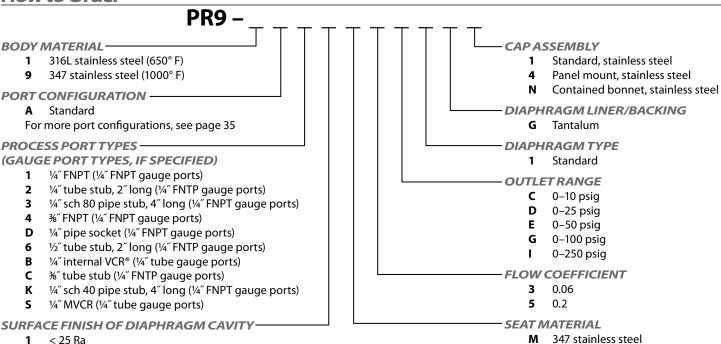
Options

- ¾" FNPT connection and ¼" pipe stub
- Panel mount (requires 1%" mounting hole)
- Extra inlet and outlet ports
- Special welded connections

GO Regulator

PR-9 Series

How to Order



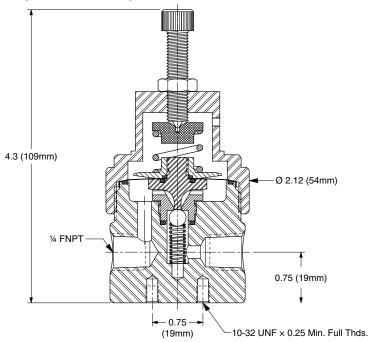
NOTE: The choices above represent an abbreviated list of the more commonly ordered options. For a complete listing of all available options, please see the Selection Wizard on the GO website at www.goreg.com or contact the factory.

Maximum Temperature & **Operating Inlet Pressures**

	MAXIMUM		MAXIMUM OPERATING INLET
SEAT MATERIAL	TEMPERATURE	@	PRESSURE
316 stainless steel	650° F (343° C)	@	3000 psig (20.68 MPa)
347 stainless steel	1000° F (538° C)	@	1500 psig (10.34 MPa)

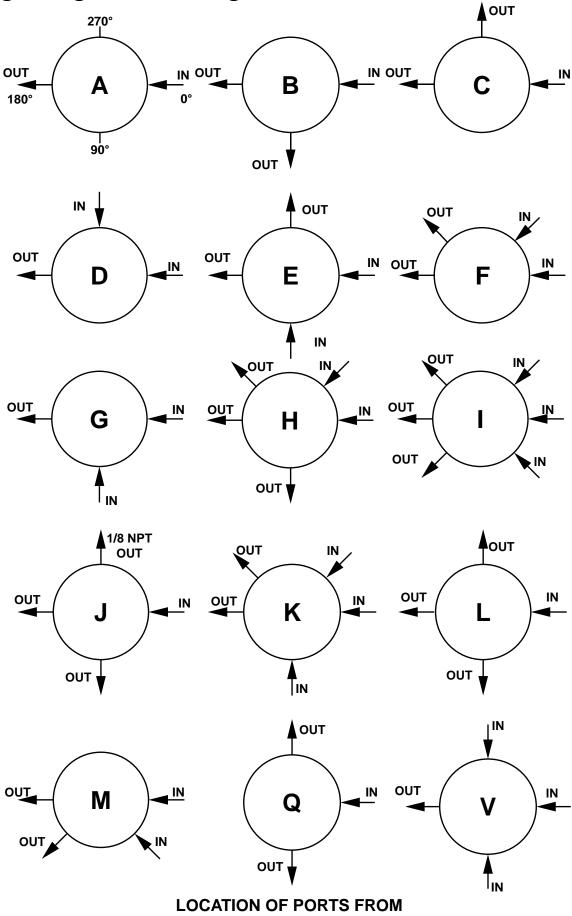
Outline and Mounting Dimensions

Weight = 2.1 lbs (0.95kg)



Inconel® is a registered trademark of Special Metals Corporation. VCR® is a registered trademark of Cajon Co.

Porting Configurations for Single Stage Pressure Regulators



TOP VIEW