

PR-7LF Series

High Sensitivity Pressure Reducing Regulator



The PR-7LF Series pressure reducing regulator is designed to furnish precise low outlet pressure control to analytical instrumentation. With the combination of the large diaphragm sensing area of the PR-7 Series regulator and the low flow seat assembly of the PR-1 Series pressure regulator, pressure control down to 10 inches of water is easily obtainable.

The PR-7LF Series of regulators are available in a choice of stainless steel or brass construction; special alloys are available on special request.

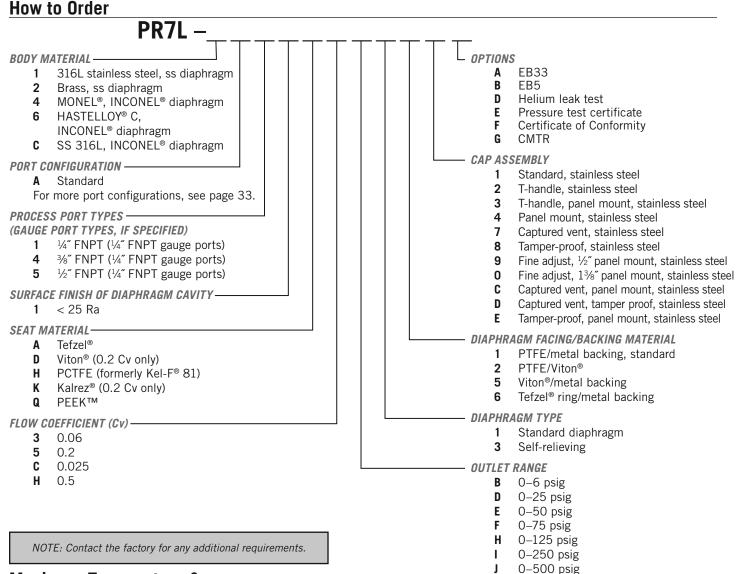
Features & Specifications

- Sensitive pressure control
- Low pressure adjustability
- Stainless steel or Brass construction (optional MONEL[®] or HASTELLOY[®] C construction)
- 20 micron inlet filter
- Inlet pressure to 3600 psig
- Adjustable outlet pressure ranges 0–6, 0–25, 0–50, 0–75, 0–125, 0–250 psig & 500 psig
- Cv flow coefficients of 0.025; 0.06; 0.20; 0.50
- PTFE/Viton[®] diaphragm available up to 25 psig
- 316L stainless steel or brass, INCONEL[®] and Tefzel[®]
- Operating temperatures -40° F to +250° F (-40° C to +121° C)
- Inlet and outlet connections ¹/₄" FNPT standard

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PR-7LF Series

To Order, contact your local Distributor Link below: www.goreg.com/distributor/index.htm Verify that your chosen part number is valid using the GO Wizards at www.goreg.com/products/matrix/index.htm



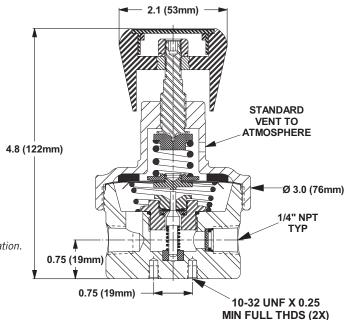
Maximum Temperature & Operating Inlet Pressures

SEAT MATERIAL	MAXIMUM TEMPERATURE*	@	MAXIMUM OPERATING INLET PRESSURE
Tefzel®	150° F (66° C)	@	3600 psig (24.82 MPa)
PCTFE (formerly Kel-F [®] 81)	175° F (80° C)	@	3600 psig (24.82 MPa)
Viton®	250° F (121° C)	@	300 psig (2.07 MPa)
Kalrez®	250° F (121° C)	@	300 psig (2.07 MPa)
PEEK™	250° F (121° C)	@	3600 psig (24.82 MPa)

Temperatures in excess of 175° F (80° C) require a metal knob or the tamper-proof option.

Outline and Mounting Dimensions

Weight = 3.2 lbs (1.45kg)



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VCR[®] is a registered trademark of Cajon Co.

Tefzel[®] is a registered trademark of the DuPont Company.

Kalrez[®] and Viton[®] are registered trademarks of DuPont Dow Elastomers. PEEKTM is a trademark of Victrex PLC.

