

## PR-7LF Series



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.

- Gas or liquid service
- 316L stainless steel or Brass (alloy 360) construction
- PTFE/Viton® diaphragm
- Electropolished body (316L) with better than 25 Ra finish in diaphragm cavity
- 20 micron inlet filter
- Bubble tight shutoff
- Outlet pressure ranges are 6, 25, 50, 75, and 125 psig
- Proof pressure is 2 times maximum working pressure
- Burst pressure is 4 times maximum working pressure
- Weight: 3.2 lbs (1.45 kg)
- Mounting style is surface or panel (see Outline and mounting dimensions)

## Maximum Temperature & Operating Inlet Pressures

Seat Material	Maximum Temperature*		Maximum Operating Inlet Pressure
PTFE	150° F (66° C)	@	3600 psig (24.82 MPa)
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PCTFE	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)

\* Temperatures in excess of 175° F (80° C) require the use of a metal knob or the Tamper Proof option