

## PR-59 Series High Pressure Regulator



Designed for low and high pressures up to 4000 psig inlet the PR-59 Series pressure reducing regulator controls high flows with its Cv flow coefficient of 1.2.

While primarily designed for use with gas streams the PR-59 can be used with any liquid systems that are compatible with the seals. A large size piston sensor gives good sensitivity of control even at low outlet pressures and a balanced poppet design assures exceptional regulator accuracy.

- Gas or liquid service
- 316L stainless steel construction
- Better than 25 Ra finish in diaphragm cavity
- Stainless steel piston sensor
- Balanced poppet
- Viton® seals (other elastomers optional)
- Bubble tight shutoff
- Outlet pressure ranges are 250, 500, 750, 1000, 2000 and 4000 psig
- Proof pressure is 2 times maximum working pressure
- Burst pressure is 4 times maximum working pressure
- Weight: 9.2 lbs (4.18 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
PCTFE	175° F (80° C)	@	4000 psig (27.58 MPa)
PTFE	150° F (66° C)	@	1000 psig (6.90 MPa)