

BP-66 Series Back Pressure Control Regulators



The BP-66 Series, counterpart to the PR-56 Series pressure reducing regulator, is designed for systems that are higher in pressure and have low to moderate flows. This regulator has a piston sensor assembly for maximum ease of adjustment to provide relief at high pressures. A carefully engineered piston sensor assembly affords excellent sensitivity and a wide selection of control ranges make this regulator an excellent selection in many research and pilot plant facilities.

- Gas or liquid service
- 316L stainless steel construction
- Electropolished body (316L) with better than 25 Ra finish in diaphragm cavity
- Bubble tight shutoff
- Adjustable control ranges are 2000, 4000, 6000, 7500 and 10,000
- Proof pressure is 2 times maximum working pressure
- Burst pressure is 4 times maximum working pressure
- Weight: 4.4 lbs (2.0 kg)
- Mounting style is in line or panel (see Outline and mounting dimensions)

Maximum Temperature & Control Pressures

Seat Material	Maximum Temperature*	Maximum Control Range
Polyimide	350° F (176° C)	@ 10,000 psig (68.8 MPa)
PEEK	350° F (176° C)	@ 10,000 psig (68.8 MPa)

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