

Aluminum Reducing Regulator: 7000 psi In > 0–7000 psi Out

SKU: 1575A-7000

Price: ?358.00



Description

As the result of customers requesting higher set pressures, this 7000 psi version was developed. It has a smaller sensing piston and more spring force that allow for set pressures exceeding 6000 psi.

The model 1575 is a piston type, hand load regulator available in outlet pressure ranges of 7000, 6000, 5000, 1500, 700, and 350 psi. It uses an unbalanced poppet design for ruggedness and simplicity. There is a small variation of control pressure with changing inlet pressure as noted in the specifications. A 30 micron filter in the poppet cartridge prevents damage by contaminants. The internal design and function are identical to our time proven 415 series regulator while providing additional advantages. This configuration is stronger permitting a higher inlet pressure rating. Additionally when panel mounted it can be completely serviced from the front of the panel without disconnecting attached plumbing.

Typical Applications

- Component testing
- Air tank fill stations
- Firefighting air systems
- Instrumentation and calibration panels
- Process industry control
- Shipboard and offshore air and gas control
- Aircraft service equipment
- Electronic industry rare gas flow
- Vehicle CNG stations

Specifications

Type	Reducing Regulator
Hand Loaded/Operated or Dome/Air Operated	Hand/Spring Loaded
Maximum Rated Pressure	7000 psi
Outlet Pressure Range	0–7000 psi
Outlet Pressure Rating	7000 psi
Inlet Port Size	2 ea 1/4 in FNPT (One Gauge, One Inlet)
Outlet Port Size	2 ea 1/4 in FNPT (One Gauge, One Outlet)
Flow Coefficient (Cv)	0.06 (equals 0.075 in orifice)
Outlet Pressure Variations with Inlet Pressure Variations	70 psi rise/1000 psi inlet drop
Leakage	Bubble tight
Weight	1.2 lb (540 g)
Overall Length	5.25 in
Round Diameter	2 in
Minimum Temperature	-15°F (-26°C)
Body Materials	Anodized Aluminum
Internal Materials	Anodized Aluminum, Brass, Stainless
Seal Materials	Kel-F, Viton