

820 High Pressure Regulator



These high pressure regulators are for use on cylinders with a wide variety of non-corrosive inert gases. Piston sensor design gives structural reliability in high pressure use. Low torque control adjusting screw permits easy adjustment of pressures in closed or dead end systems. These regulators accept inlet pressures up to 6000 psi.

820 Features

- Low Torque Adjusting Screw
- 2.5 inch Gauges
- Double Inlet Filters
- Piston Type Actuation
- Compact Design

820 Typical Applications

- High Pressure Testing
- Purging and Charging
- Calibration Kits
- Airline Charging Carts
- Chemical Plants
- Manufacturing Processes
- Research and Development Laboratories

Materials of Construction

| | |
|--------|--------|
| Body | Brass |
| Bonnet | Brass |
| Piston | Brass |
| Seat | PTCFE |
| Seals | Buna-N |
| Gauges | Brass |
| Filter | Bronze |

820 Specifications

| | |
|-------------------------|--|
| Maximum Outlet Pressure | 6000 PSIG |
| Temp. Operating Range | -40° F to 165° F |
| Design Leak Rate | Bubble Tight 1 x 10 ⁻⁵ ccs Helium |
| Flow Coefficient | Cv = .25 |
| Weight | 3.6 lbs |

How to Order: *Specify a number from each category*

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| Model Number | Max. Outlet Pressure PSIG | Delivery Gauge | | Outlet Fittings | CGA Inlet Fittings | Accessories | Options |
|--------------|---------------------------|----------------|------------------|---|--------------------|-------------|---------|
| | | Range PSIG | Graduations PSIG | | | | |
| 825 | 2000 | 0-3000 | 100 | 00 1/4" FNPT | 00 None | 00 None | 00 None |
| 826 | 4000 | 0-6000 | 100 | 66 1/4" MNPT Stainless Steel Needle Valve | 09 580 | | |
| 827 | 6000 | 0-10,000 | 120 | | 26 SS 347 | | |
| | | | | | 27 SS 677 | | |
| | | | | | 28 SS 680 | | |
| | | | | 29 SS 702 | | | |