

820 Silverline SERIES

HIGH PRESSURE ANALYTICAL BRASS SINGLE STAGE REGULATORS

DESIGN FEATURES

- Self relieving adjusting screw for easy low torque adjustment of pressure
- Nickel plated body, bonnet, and gauges for superior protection
- 2-1/2" single scale gauges for easy and accurate readings
- Capturable vent port in bonnet to capture and vent away gases 1/16" FNPT
- Body is tapped for rear panel mounting



These regulators are designed to control high pressures from a wide variety of non-corrosive inert gases. Typical applications for this regulator include purging and charging, calibration kits, R&D laboratories, high pressure testing, chemical plants and manufacturing processes. The piston sensor design provides structural reliability in high pressure use. Low torque control adjusting screw permits easy adjustment of pressures in closed or dead end systems.

P/N 825-00-09 SHOWN

SPECIFICATIONS

Maximum Rated Inlet Pressure	6000 PSIG
Outlet Pressure Ranges	0-500, 1000, 2000, 4000, 6000 PSIG
Ports (4)	1/4" FNPT
Inlet	1/4" FNPT
Outlet	1/4" FNPT
Design Leak Rate	1x10 ⁻⁵ ccs
Weight	8 lbs.
Flow Coefficient	.0.19
Flow Curve	Flow Chart #14

825 - 00 - 09

Option 1:	
Model Series & Outlet Pressure	
823	500 PSIG
824	1000 PSIG
825	2000 PSIG
826	4000 PSIG
827	6000 PSIG

Option 2:	
Outlet Fittings	
00	1/4" FNPT
66	1/4" Male NPT Stainless Steel Needle Valve*

*max outlet pressure 6000 psi

Option 3:	
CGA Inlet Fittings	
00	1/4" FNPT
09	CGA 580 Brass*
26	CGA 347 SST
27	CGA 677 SST
28	CGA 680 SST

*max inlet pressure 3000 psi

MATERIALS OF CONSTRUCTION

Body	Nickel Plated Brass, Brass Bar Stock
Bonnet	Nickel Plated Brass, Brass Bar Stock
Seat	PCTFE
O-Rings	Buna-N
Valve Stem	316 Stainless Steel
Piston	Brass
Valve Spring	316 Stainless Steel
Gauge	2-1/2" Chrome Plated Brass
Filter	Brass
Outlet	1/4" FNPT

Ordering Information For 820 Series Regulators

Product Number	Max. Inlet Pressure PSIG	Max. Outlet Pressure PSIG	Inlet Gauge		Delivery Gauge	
			Range PSIG	Graduations PSIG	Range PSIG	Graduations PSIG
823	6000	500	0-10000	200	0-1000	100
824	6000	1000	0-10000	200	0-4000	100
825	6000	2000	0-10000	200	0-4000	100
826	6000	4000	0-10000	200	0-6000	100
827	6000	6000	0-10000	200	0-6000	100