

100 General Purpose Line Regulator

The general purpose single-stage regulators are recommended for control of inert and non-corrosive gases servicing low pressure pipelines. These regulators are not recommended for applications where inboard diffusion of air or outgassing of elastomeric components would adversely affect the work being done. These regulators should not be used in applications where the inlet pressure could exceed 400 psi.



100 Features

- Large 1-3/4" Nylon Reinforced Diaphragm
- Stainless Steel Filters
- Stem Type Seat Mechanism
- Rugged Brass Construction
- Chrome Plated Body, Bonnet, and Gauges

100 Typical Applications

- Non-Critical Specialty Gases
- Non-Corrosive Gases
- Point of Use Gas Systems
- Gas Supply Purging
- Bulk Gas Distribution Systems
- Chamber Pressurization
- Blanketing
- Pressure Testing

Materials of Construction

Body	Electroless Nickel Plated Brass Bar Stock
Bonnet	Electroless Nickel Plated Brass Forging
Seat	Teflon®
Seat Retainer	Brass
Diaphragm	Neoprene
Gauge	2 1/2" Chrome Plated
Filter	316 Stainless Steel
Valve Stem	316 Stainless Steel
Valve Spring	316 Stainless Steel

100 Specifications

Maximum Inlet Pressure	.400 PSIG
Temp. Operating Range	..-40° F to 165° F
Ports (4)	1/4" FNPT
Design Leak Rate	Bubble Tight 1 x 10 ⁻⁵ ccs Helium
Flow Coefficient Cv	0.185
Weight	3 lbs.

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

Model Number	Max. Outlet Pressure PSIG	Delivery Gauge		Outlet Fittings	CGA Inlet Fittings	Accessories	Options
		Range PSIG	Graduations PSIG				
100	15	0-30	1	00 1/4" FNPT	00 None	00 None	00 None
101	50	0-60	2	80 1/8" Brass Swagelok	11 1/8" Brass Swagelok		
102	100	0-200	5	81 1/8" Stainless Steel Swagelok	12 1/8" Stainless Steel Swagelok		
103	200	0-400	10				