

200 Analytical Line Regulator



These high purity single-stage line regulators are recommended for low inlet pressure and pressure sensitive applications where diffusion resistance is required. They are recommended for low pressure pipelines serving gas chromatographs, mass spectrometers, and sampling systems where brass construction is acceptable. These regulators are recommended for high purity inert and non-corrosive applications. The regulators are able to withstand vacuums generated during purging operations.

200 Features

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

200 Typical Applications

- Non-Corrosive Gases
- Final Control of Non-Corrosive Gases in Piping Systems
- Gas Chromatography
- Process Analyzers
- Sampling Systems
- FoodPro™ Gases
- Purging Systems
- Atomic Absorption Analysis

Materials of Construction

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

200 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	0.157
Weight	3 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				
200	15	30" Hg 0-30	1	00 1/4" FNPT	00 None	00 None	00 None
201	50	0-60	2	80 1/8" Brass Swagelok	11 1/8" Brass Swagelok		
202	100	0-200	5	81 1/8" Stainless Steel Swagelok	12 1/8" Stainless Steel Swagelok		