

200 Silverline SERIES

HIGH PURITY ANALYTICAL BRASS LINE REGULATORS

DESIGN FEATURES

- Filtered seat for added gas stream purity and extended service life
- Stainless steel diaphragm for precise control of pressure
- Large 2 - 1/2" easy to read single scale gauges
- Rugged brass bar stock construction
- Plated body, bonnet, and gauges for superior protection
- Body is tapped for rear panel mounting

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 supplying gas chromatographs, mass spectrometers, and research sampling systems where brass construction is acceptable. These regulators are recommended for high purity inert and non-corrosive gas applications. The regulators are able to withstand vacuums generated during purging operations.



P/N 200-00-00 Shown

Sure-Seat™
technology for maximum
life and gas purity

SPECIFICATIONS

Maximum Inlet Pressure	1200 PSIG
Outlet Pressure Ranges	0-15, 0-50, 0-100 PSIG
Temp. Operating Range	-40°F to +165°F
Ports (3)	1/4" FNPT
Design Leak Rate	Bubble tight (1 x 10-5 ccs Helium)
Flow Coefficient Cv	0.13
Flow Curve	Flow Chart #4
Inlet Decay Rate	0.23/100 PSIG
Weight	2.5 lbs.

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Option 1:	
Model Series & Outlet Pressure	
200	15 PSIG
201	50 PSIG
202	100 PSIG

Option 2:	
Outlet Fittings	
00	1/4" FNPT
04	1/4" MPT x 1/4" brass tube fitting
80	1/4" MPT x 1/8" brass tube fitting
81	1/4" MPT x 1/8" stainless steel tube fitting
82	Nickel "B" fitting (9/16"-18RH)
83	1/4" MPT x 1/4" stainless steel tubing

Option 3:	
CGA Inlet Fittings	
00	1/4" FNPT
04	1/4" MPT x 1/4" brass tube fitting
11	1/4" MPT x 1/8" brass tube fitting
12	1/4" MPT x 1/8" stainless steel tube fitting

MATERIALS OF CONSTRUCTION

Body	Nickel Plated Brass, Bar Stock
Bonnet	Nickel Plated
Seat	PFA
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
Seals	FKM

Ordering Information For 200 Series Regulators

Product Number	Max. Inlet Pressure PSIG	Max. Outlet Pressure PSIG	Inlet Gauge		Delivery Gauge	
			Range PSIG	Graduations PSIG	Range PSIG	Graduations PSIG
200	1200	15	---	---	30" HG 0-30	1
201	1200	50	---	---	0-60	1
202	1200	100	---	---	0-200	5