

250 SERIES



Distributed By:
Med-Tech Gases, Inc.
 1-800-FINE-GAS (346-3427)
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HIGH PURITY ANALYTICAL BRASS LIQUID CYLINDER REGULATORS



Sure-Seat™
 technology for maximum life and gas purity

These high purity single stage regulators are designed for use on liquid cylinders. The regulator has rear entry which allows for easy connection to the liquid cylinder. The stainless steel diaphragm will provide a long service life in cryogenic applications. This regulator controls the delivery of gasses not liquids. Typical applications include high purity gas handling, bulk gas distribution, liquid cylinders and laboratories.

DESIGN FEATURES

- Filtered seat for added gas stream purity, and extended service life
- Large 2 - 1/8" diaphragm for precise control of pressure
- Large 2 - 1/2" easy to read single scale gauges
- Rugged all brass bar stock construction
- Plated body, bonnet, and gauges for superior protection
- Built in capturable preset safety relief valve

SPECIFICATIONS

Maximum Inlet Pressure	3000 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	0.157
Inlet Decay Rate	0.23/100 PSIG
Weight	3 lbs.

MATERIALS OF CONSTRUCTION

Body	Electroless Nickel Plated Brass Bar Stock
Bonnet	Electroless Nickel Plated Brass Bar Stock
Diaphragm	Stainless Steel
Seat	Teflon®
Seat Retainer	Brass
Gauge	Chrome Plated
Filters (2)	316 Stainless Steel/Brass
Valve Stem	316 Stainless Steel
Valve Spring	316 Stainless Steel

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OPTION 1:		OPTION 2:	OPTION 3:	
MODEL SERIES & OUTLET PRESSURE		OUTLET FITTINGS	CGA INLET FITTINGS	
252	100 PSIG	00 1/4" FNPT	00	1/4" FNPT
254	200 PSIG	20 Chrome Needle Valve with male 1/4" NPT outlet	02	CGA 320
255	350 PSIG		08	CGA 540
256	500 PSIG		09	CGA 580

To order additional inlet/outlet and accessories options which are available and sold separately; please see page 38-39 of this catalog.

ORDERING INFORMATION FOR 250 SERIES REGULATORS

Product Number	Max. Inlet Pressure PSIG	Max. Outlet Pressure PSIG	Delivery Gauge	
			Range PSIG	Graduations PSIG
252	3000	100	0-200	5
254	3000	200	0-400	10
255	3000	350	0-400	10
256	3000	500	0-1000	20



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