

General Purpose Pressure Regulators

Brass Two-Stage Models

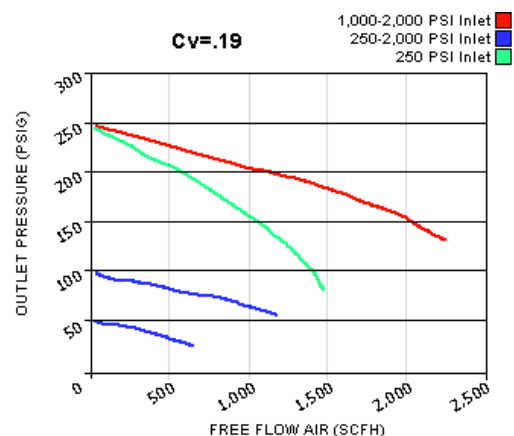


Description: These general-purpose, two-stage regulators are recommended for non-corrosive analytical, general plant, pilot plant, and maintenance shop applications. The two-stage design with its large, reinforced diaphragms provides precise pressure control from full cylinder to almost empty. A preset safety relief valve vents to the atmosphere, making these regulators suitable only for use with non-hazardous gases.

Note: This regulator is not intended for oxygen service.

Design Features

- **Large, Reinforced Diaphragms**
-provide precise pressure control.
- **Preset Safety Relief Valve**
-prevents excessive pressure buildup.
- **Large, 2½" Nickel-Plated Brass Gauges.**
-permit accurate, easy reading.
- **Dual Sintered Filters**
-protects parts, extends service life.
- **Nickel-Plated Brass Body**
-provides enhanced overall aesthetics, will not tarnish.



Specifications

Maximum Rated Inlet Pressure	3,000 PSIG
Outlet Pressure Ranges	0-15, 0-50, 0-100, 0-250 PSIG
Flow Capacity	Cv=0.19
Ambient Operating Temperature	-40° F to +165° F
Designed Leak Rate	Bubble-Tight (helium)
Weight	5 lbs
Ports (5)	¼" FNPT
Inlet	¼" FNPT
Outlet	¼" MNPT Instrument Valve
Decay Inlet Characteristic	0.42/100 PSI

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Brass Two-Stage Models (continued)

Materials	
Body	Nickel-Plated Brass
Bonnet	Nickel-Plated Brass
Seats	Teflon®
Diaphragms	Neoprene
Gauges	2½" Nickel-Plated Brass
Filter	316 Stainless Steel and Bronze
Valve Stem	316 Stainless Steel
Valve Spring	316 Stainless Steel
Outlet Valve	Nickel-Plated Brass
Trim	Nickel-Plated Brass

Ordering Information								
Product Number	Material	Max Inlet Press. (PSIG)	Max Outlet Press. (PSIG)	Capacity (scfh @ Max Del. Press.)	Relief Valve Setting (PSIG)	Inlet Gauge Range (PSIG)	Delivery Gauge Range (PSIG)	Price
Y12-215A(CGA)	Brass	3,000	15	240	150	0-3,000	0-30	\$293.00
Y12-215B(CGA)	Brass	3,000	50	600	150	0-3,000	0-60	\$293.00
Y12-215D(CGA)	Brass	3,000	100	1,200	350	0-3,000	0-200	\$293.00
Y12-215F(CGA)	Brass	3,000	250	1,920	350	0-3,000	0-400	\$293.00

Available Options		
Product Number	Description	Price
Y99-26120	1/4" FNPT x 1/4" Swagelok®	\$8.00
Y99-26140	1/4" FNPT x 1/8" Swagelok®	\$8.00
Y99-SMPNLNUT	Panel Mount Nut (2 required)	\$9.00