

PRESSURE REGULATORS

General-Purpose

Brass Line Regulators



Description: These general-purpose, single-stage line regulators provide a constant pressure at the point of use. The composite bonnet reduces weight. The external nickel plating, along with the composite bonnets, allows the exterior surfaces to maintain a good appearance in outdoor environments. They feature a 316 stainless steel diaphragm for excellent performance, long life, and easy maintenance. A preset safety relief valve makes these regulators suitable for use with non-corrosive gases.

Design Features

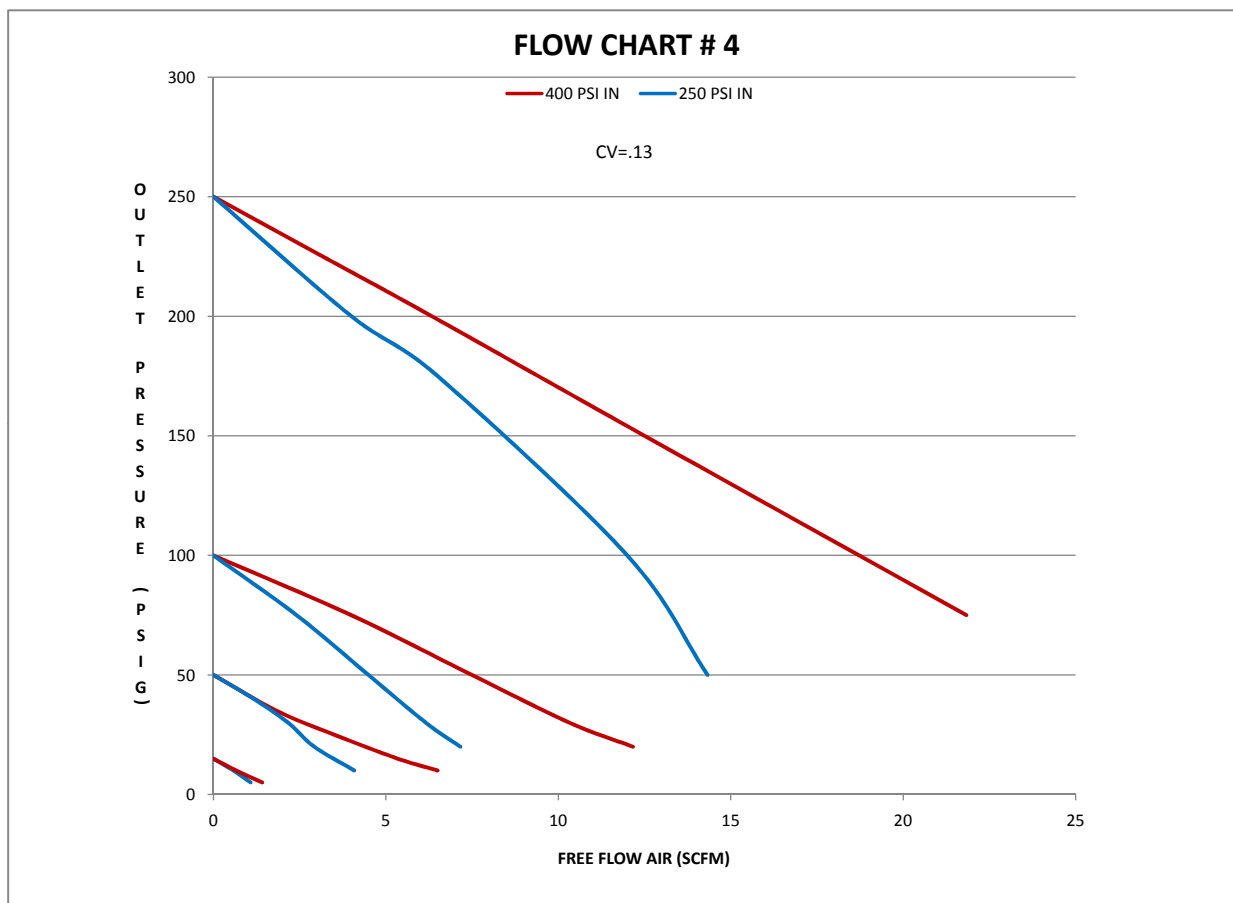
- Filtered Seat**
for added gas stream purity and extended service life.
- Composite bonnets**
reduce weight and extend finish in outdoor environments.
- 316 Stainless Steel Diaphragms**
provide precise pressure control.
- Large, 2 1/2" Nickel-Plated Brass Gauges**
for accurate, easy reading.
- Preset Safety Relief Valve**
prevents excessive pressure buildup.
- Encapsulated Filtered Seat Assy**
protect parts, extend service life.
- Nickel-Plated Bar Stock Body**
provides long-lasting good looks; will not tarnish.
- Two (2) 10-32 Taps**
for rear mounting.

Specifications	
Maximum Rated Inlet Pressure	1,200 psig
Outlet Pressure Ranges	0-25, 0-50, 0-100, 0-250 psig
Flow Capacity	Cv=0.13
Ambient Operating Temperature	-40° F to +165° F
Designed Leak Rate	Bubble-Tight (helium)
Weight	3.32 lbs
Ports (3)	1/4" FNPT
Inlet	1/4" FNPT
Outlet	1/4" FNPT
Decay Inlet Characteristic	0.138/100 psi

Materials	
Body	Nickel-Plated Brass
Bonnet	Composite
Seat	PTFE
Diaphragm	316 Stainless Steel
Gauges	2 1/2" Nickel-Plated Brass
Filter	316 Stainless Steel and Bronze
Valve Stem	316 Stainless Steel
Valve Spring	316 Stainless Steel

Ordering Information						
Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Capacity (scfh @ Max Del. Pressure)	Delivery Gauge Range (psig)	Relief Valve Setting (psig)
Y11-210A	Brass	1,200	25	500	0-30	85
Y11-210B	Brass	1,200	50	810	0-60	150
Y11-210D	Brass	1,200	100	1,350	0-200	150
Y11-210F	Brass	1,200	250	1,720	0-400	350

Available Options	
Product Number	Description
Y99-26160	1/4" MNPT x 1/4" Compression
Y99-216162	1/4" MNPT x 1/8" Compression
Y15-418984	Wall Mount Bracket



Equipment

