

**ANALYTIC SERIES
PRESSURE REGULATORS**

General-Purpose Brass

Two-Stage Brass Regulators



Description: These general-purpose, two-stage regulators are recommended for analytical, non-corrosive, general plant, pilot plant and maintenance shop applications. The external chrome plating allows the exterior surfaces to maintain a good appearance in outdoor environments.

Two-stage design, with its convoluted stainless steel diaphragms, provides precise pressure control from full cylinder to almost empty. A preset safety relief valve makes these regulators suitable for use only with noncorrosive gases.

Design Features

Filtered Seat (10 micron)

for added gas stream purity and extended service life.

302 SS Stainless Steel Diaphragms
provide precise pressure control.

Large, 2½" Nickel-Plated Brass Gauges
for accurate, easy reading.

Outlet Needle Valve

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.

Specifications		Materials	
Maximum Rated Inlet Pressure	3,500 psig	Body	Chrome Nickel-Plated Brass
Outlet Pressure Ranges	0-25, 0-50, 0-100, 0-250 psig	Bonnet	Chrome Plated Die Cast
Flow Capacity	Cv=0.15	Seat	PTFE
Ambient Operating Temperature	-40° F to +165° F	Diaphragm	302 Stainless Steel
Designed Leak Rate	Bubble-Tight (helium)	Gauges	2½" Nickel-Plated Brass
Weight	6.5 lbs	Filter	Nickel-Plated Bronze
Ports (5)	¼" FNPT	Valve Stem	316 Stainless Steel
Inlet	¼" FNPT	Valve Spring	18-8 Stainless Steel
Outlet	¼" MNPT	Outlet Valve	Nickel-Plated Brass
Decay Inlet Characteristic	.09 psi/100 psi	Trim	Nickel-Plated Brass

Ordering Information

Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Capacity (scfh @ Max Del. Pressure)	Delivery Gauge Range (psig)
Y12-AS215A (CGA)	Brass	3,000	25	500	0-30
Y12-AS215B (CGA)	Brass	3,000	50	810	0-60
Y12-AS215D (CGA)	Brass	3,000	100	1,350	0-200
Y12-AS215F (CGA)	Brass	3,000	250	1,720	0-400

Available Options	
Product Number	Description
Y99-26120	¼" FNPT x ¼" Compression
Y99-26140	¼" FNPT x ⅛" Compression
Y99-CKCGA	Check Valve CGA Connection