

Deluxe Model

Corrosive Service

PRESSURE REGULATORS

Description: Designed for the pressure control of corrosive halogen gases, the deluxe corrosive service regulators have all-wetted parts of either PCTFE, Iconel® or Monel materials and are protected internally by a sintered Monel filter.

This model has a unique design that allows the regulator to be easily rebuilt.

Note: A Cross-Purge Assembly must be used in conjunction with these models in order to ensure effective purging of hazardous gas traces during cylinder change out.



Design Features

Filtered Seat

for added gas stream purity and extended service life.

PCTFE Seat

provides wide range of media compatibility.

Sintered Monel Filter

protects parts, extends service life.

2 1/2" Monel Gauges

permit accurate and easy reading.

Easy Replacement Seat Assembly

seat can be replaced easily by way of an external removable back cap.

Specifications

Maximum Rated Inlet Pressure	3,000 psig
Outlet Pressure Ranges	0-50, 0-200 psig
Flow Capacity	Cv=0.08
Ambient Operating Temperature	-20° F to +150° F
Designed Leak Rate	Bubble-Tight (helium)
Weight	3.75 lbs
Outlet	1/4" MNPT Monel Instrument Valve
Decay Inlet Characteristic	0.35/100 psi

Materials

Body	Monel
Bonnet	Nickel-Plated Brass
Seat	PCTFE
Diaphragm	Monel
Gauges	2 1/2" Monel
Filter	Sintered Monel
Valve Stem	Monel
Valve Spring	Iconel®
Trim	Nickel-Plated Brass

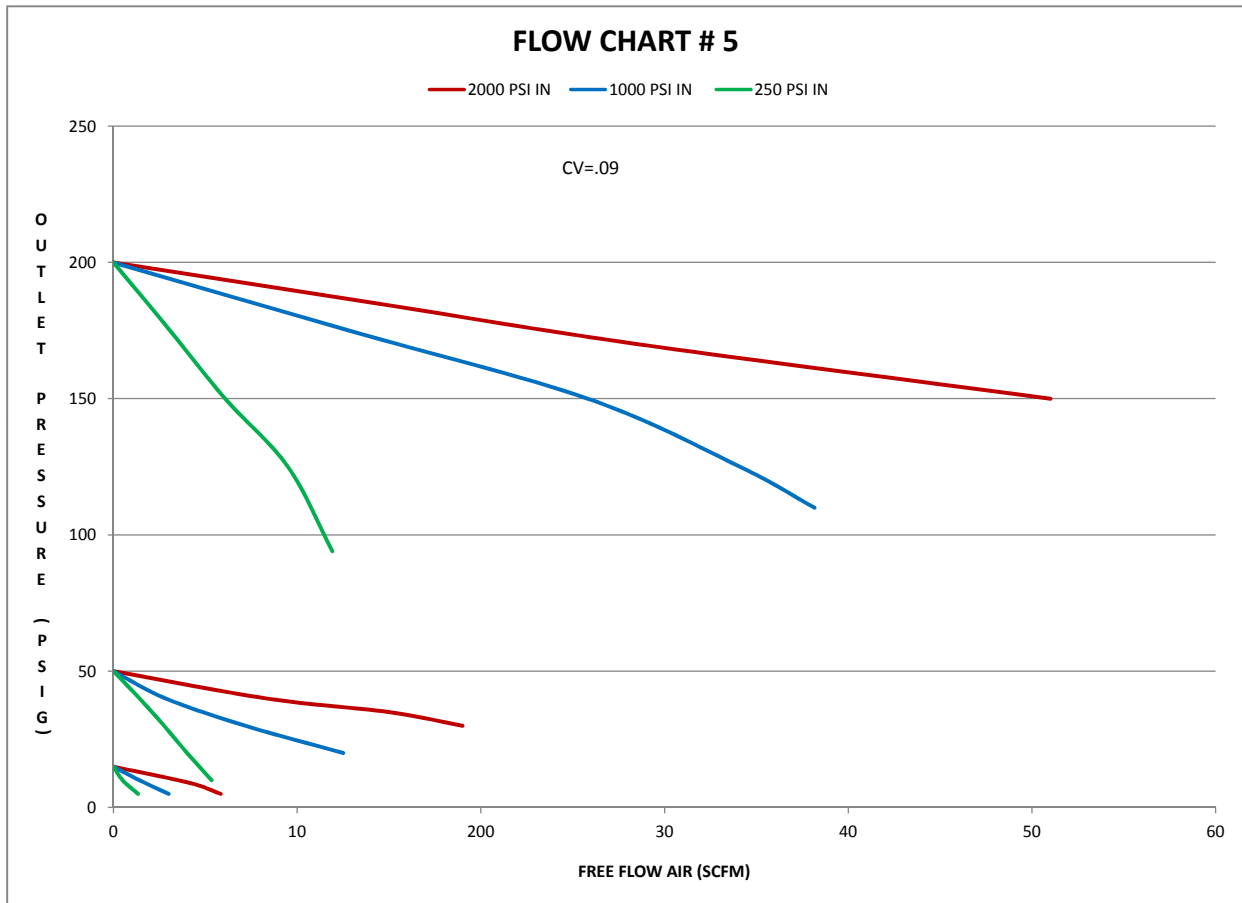
Ordering Information

Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Capacity (scfh @ Max Del. Pressure)	Type	Inlet Gauge Range (psig)	Delivery Gauge Range (psig)
Y11-C334C(CGA)	Monel	3,000	50	200	Single Stage	0-3,000	0-100
Y11-C334E(CGA)	Monel	3,000	200	780	Single Stage	0-3,000	0-300

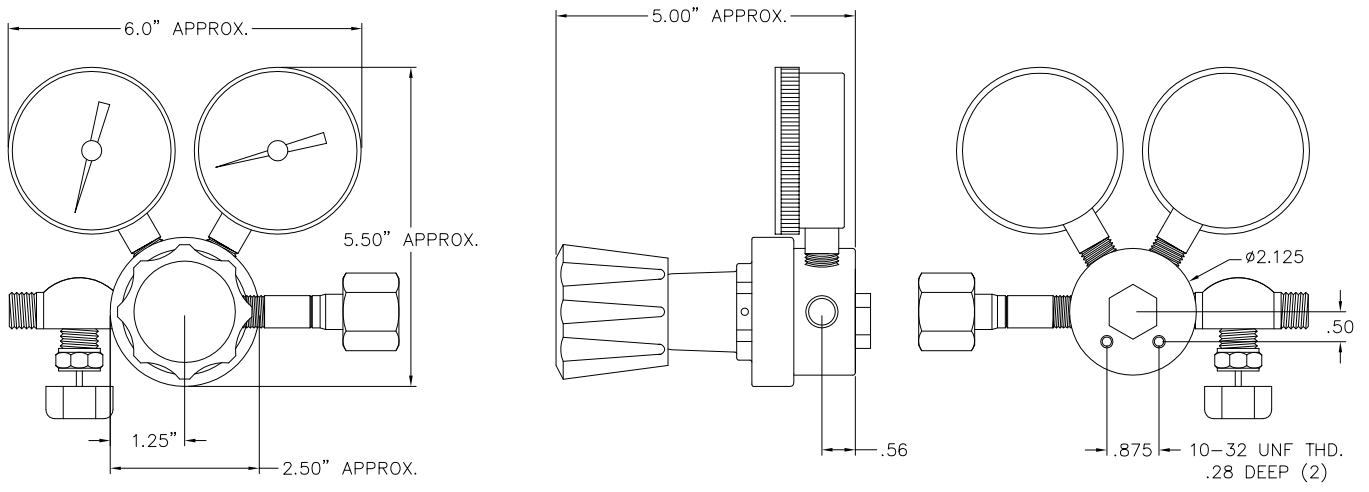
NOTE: Due to the corrosive nature of the gases used with this regulator, a cross purge assembly is required to maintain the warranty and for safety.

Available Options

Product Number	Description
Y99-CPAM(CGA)	Monel cross purge assembly.



Equipment



SINGLE STAGE REGULATOR