

# 5500 SERIES FLOWGAUGE REGULATORS



The 5500 Series flowgauge regulator provides primary flow control for accurate measurement of gas flow in applications requiring inlet pressures up to 5500 PSIG (38,000 kPa) and flow rates up to 200 SCFH. The rugged brass barstock construction provides high durability while the encapsulated seat design provides accurate pressure control and extended component lifecycle.

## Typical Applications

- Oxy-fuel Heating, Cutting, and Welding
- Blanketing Applications
- Heat Treatment
- Thermal Spray
- Modified Atmosphere Packaging (MAP)



8065517-01-1 shown

## Features

**Chloroprene Diaphragm** ensures steady pressure control

**Medium-large Seat Displacement** allows superior flow capacity

**Brass Body** resists corrosion and withstands harsh environments

## Materials and Specifications

**Body:** Forged brass

**Bonnet:** Chrome-plated, die cast zinc

**Gauges:** 2" (50 mm) diameter brass

**Filter:** 25-micron sintered bronze

**Temperature Range:** -40°F to 140°F (-40°C to 60°C)

**Diaphragm:** Chloroprene

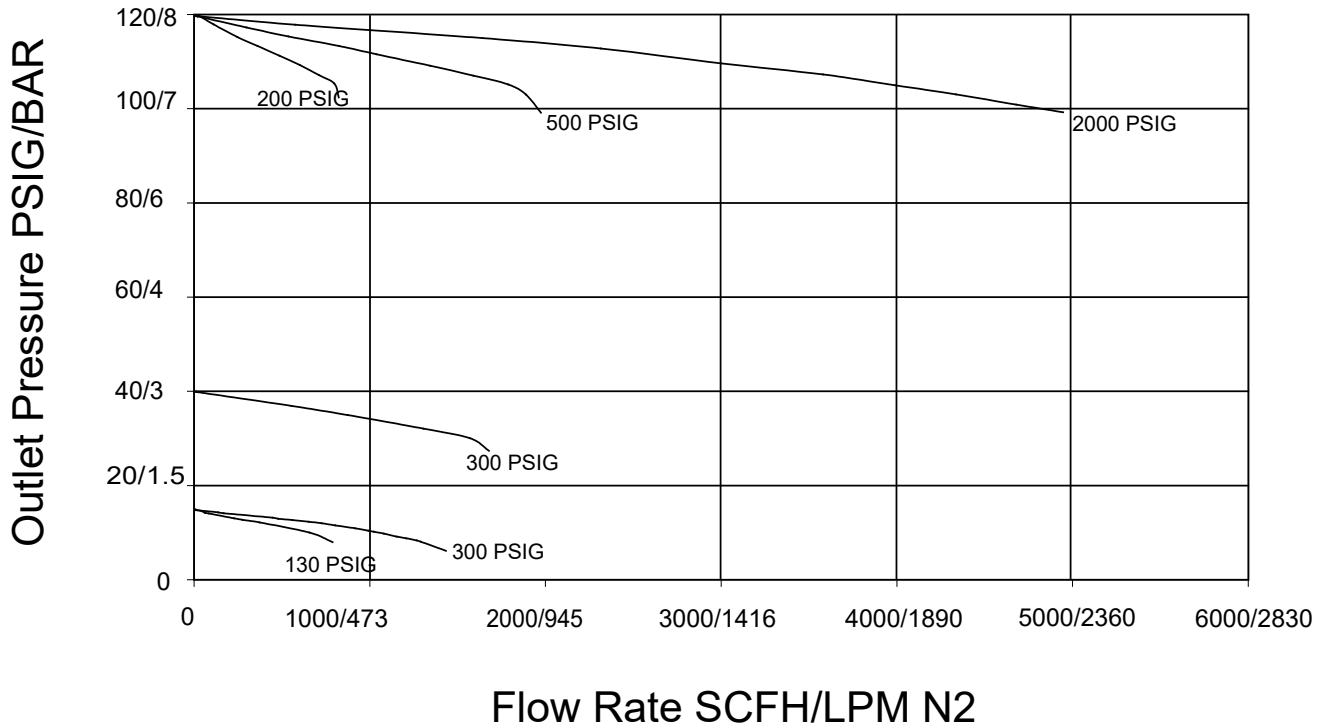
**Outlet Connections:** 5/8 in -18 (B) RH Int

**Conformances:** Cleanliness meets or exceeds CGA; G-4.1; ANSI/ASME B40.1; CRN OH5216.5R2

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## Flow Curves



## Ordering Information

Part Number	Gas Service	Seat	Inlet	Max Inlet Pressure	Flowgauge Range	Pressure Gauge
806 5505-01-1	Carbon Dioxide	PTFE	CGA 320	3000 PSIG (210 BAR)	15-50 SCFH Carbon Dioxide*	4000 PSIG
806 5517-01-1	Argon	PTFE	CGA 580	3000 PSIG (210 BAR)	20-60 SCFH Argon*	4000 PSIG
806 5547-01-1	Argon/Carbon Dioxide	PCTFE	CGA 680	5500 PSIG (380 BAR)	20-60 SCFH Argon/ 20-30 SCFH Carbon Dioxide*	6000 PSIG

\* Dual Scale Flow Gauge  
Argon and Carbon Dioxide