

5500 SERIES FLOWMETER REGULATORS



The 5500 Series Medium-Heavy welding and blanketing regulator provides primary flow control of industrial gas cylinders in applications requiring inlet pressures up to 5500 PSIG 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. Combined with compatibility of a wide range of gasses, the 5500 is an ideal choice for medium duty MIG and TIG welding and blanketing applications.

Typical Applications

- Oxy-fuel Heating, Cutting, and Welding
- Industrial Additive Manufacturing
- Heat Treatment
- Thermal Spray
- Modified Atmosphere Packaging (MAP)



8065577-01-1 shown

Features

Chloroprene Diaphragm ensures steady pressure control

Medium-large Seat Displacement maintains good flow capacity

Optional Gas-saver Model optimizes gas consumption

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

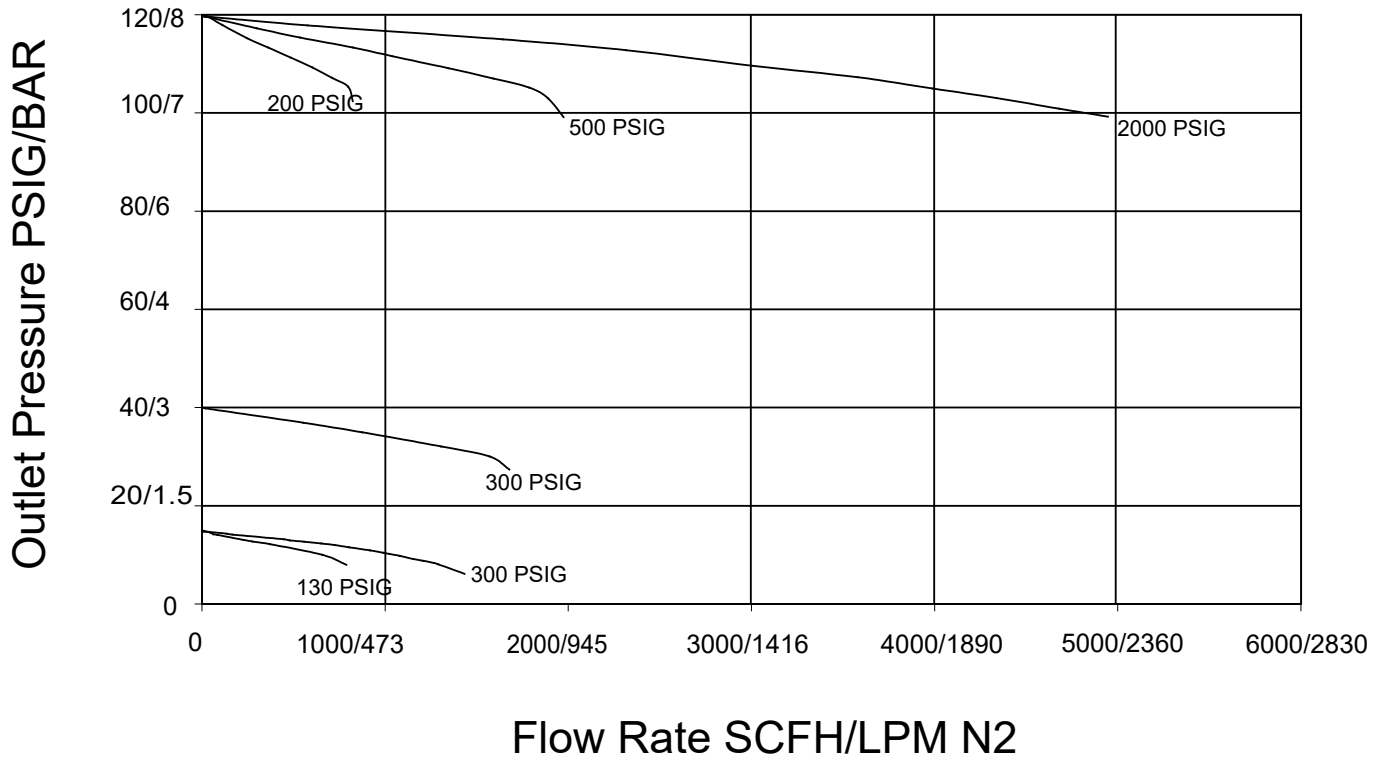
Outlet Connections: 5/8 in -18 (B) RH Int

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

5500 SERIES FLOWMETER REGULATORS



Flow Curves



Ordering Information

Part Number	Gas Service	Seat	Inlet Connection	Max Inlet Pressure	Flowmeter	Pressure Gauge
806 5535-01-1	Argon/Fuel Gas 30 PSIG Preset Delivery Pressure	PTFE	CGA 350	3000 PSIG (210 BAR)	10-60 SCFH Argon/30-200 SCFH Helium	4000 PSIG
806 5560-01-1	Argon/Helium Gas Saver	PCTFE	CGA 680	5500 PSIG (380 BAR)	10-60 SCFH Argon/30-200 SCFH Helium	6000 PSIG
806 5568-01-1	Argon/Helium 30 PSIG Preset Delivery Pressure	PCTFE	CGA 680	5500 PSIG (380 BAR)	10-60 SCFH Argon/30-200 SCFH Helium	6000 PSIG
806 5570-01-1	Argon/Helium Gas Saver	PTFE	CGA 580	3000 PSIG (210 BAR)	10-60 SCFH Argon/30-200 SCFH Helium	4000 PSIG
806 5575-01-1	Argon/Helium 30 PSIG Preset Delivery Pressure	PTFE	CGA 580	3000 PSIG (210 BAR)	10-60 SCFH Argon/30-200 SCFH Helium	4000 PSIG
806 5577-01-1	Carbon Dioxide 75 PSIG Preset Delivery Pressure	PTFE	CGA 320	3000 PSIG (210 BAR)	5-55 SCFH Carbon Dioxide	4000 PSIG