

# FLOW CONTROL REGULATORS



## 5500 SERIES

### Medium Duty MIG and TIG Welding and Blanketing

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.



806-5517 Shown

REGULATORS

Features	Materials of Construction	Specifications
<b>Neoprene Diaphragm</b> Steady pressure control  <b>Medium-Large Seat Displacement</b> Good flow capacity  <b>2" PSIG/kPa Pressure Gauges</b> Excellent visibility	<b>Body</b> Brass barstock  <b>Bonnet</b> Chrome-plated brass  <b>Seat</b> PTFE, PCTFE  <b>Diaphragm</b> Neoprene  <b>25-Micron Inlet Filter</b> Bronze	<b>Max Inlet Pressure</b> PTFE 3000 PSIG PCTFE 5500 PSIG  <b>Temperature Range</b> PTFE -40 to 140° F (-40 to 66° C) PCTFE -40 to 150° F (-40 to 66° C)  <b>Gauges</b> 2" manufactured to ANSI/ASME B40.1  <b>Conformances</b> CGA E-4

Ordering Information					
Part Number	Gas Service	Inlet	Flow Gauge Range	Outlet Fittings	Pressure Gauges
806 5517-01-1	Argon	CGA 580	20-60 SCFH Argon*	5/8"-18 "B" RH Int.	4000 PSIG
806 5505-01-1	Carbon Dioxide	CGA 320	15-50 SCFH Carbon Dioxide	5/8"-18 "B" RH Int.	4000 PSIG
806 5547-01-1	Argon/Carbon Dioxide	CGA 680 (5500 PSIG Max)	20-60 SCFH Argon/6000 PSIG Carbon Dioxide (20-30 Carbon Dioxide)	5/8"-18 "B" RH Int.	6000 PSIG
Part Number	Gas Service	CON	Flow Meter Range	Outlet Fittings	Pressure Gauges
806 5577-01-1	Carbon Dioxide	CGA 320	5-55 SCFH Carbon Dioxide	5/8"-18 "B" RH Int.	4000 PSIG
806 5575-01-1	Argon/Helium	CGA 580	10-60 SCFH Argon/30-200 SCFH Helium	5/8"-18 "B" RH Int.	4000 PSIG
806 5570-01-1	Argon/Helium Gas Saver	CGA 580	10-60 SCFH Argon/30-200 SCFH Helium	5/8"-18 "B" RH Int.	4000 PSIG
806 5535-01-1	Argon-Hydrogen, Mixtures	CGA 350	10-60 SCFH Argon/30-200 SCFH Helium	5/8"-18 "B" RH Int.	4000 PSIG
806 5560-01-1	Argon/Helium Gas Saver	CGA 680 (5500 PSIG Max)	10-60 SCFH Argon/30-200 SCFH Helium	5/8"-18 "B" RH Int.	6000 PSIG
806 5568-01-1	Argon/Helium	CGA 680 (5500 PSIG Max)	10-60 SCFH Argon/30-200 SCFH Helium	5/8"-18 "B" RH Int.	6000 PSIG

\* Dual Scale Flow Gauge Argon & Carbon Dioxide

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