Cylinder Regulators

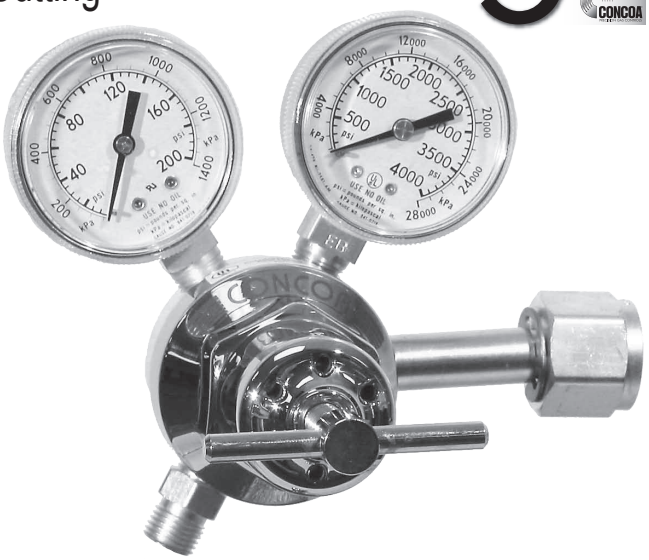
CONCOA
PRECISION GAS CONTROLS

5500 Series

Medium Duty Rugged Welding, Heating and Cutting

5 YEAR WARRANTY
The CONCOA Capsule® is warranted for five years to be free of defects in materials and workmanship.
CONCOA

The 5500 Series Medium-Heavy Duty welding, heating, and cutting regulator provides primary pressure control of industrial gas cylinders in applications requiring inlet pressures up to 4500 PSIG and outlet pressures up to 125 PSIG. The rugged brass barstock construction provides high durability while the encapsulated seat design provides accurate pressure control and extended component lifecycle. Combined with a wide range of delivery options, the 5500 is an ideal choice for medium duty welding, heating, and cutting applications.



806 5506 Shown

Features

2" Diaphragm with Integral Self Seating Relief Valve
Tamper proof safety

Medium Seat Displacement
High-flow capacity

Capsule® Seat Assembly
High cycle life

Materials of Construction

Body
Brass barstock

Bonnet
Chrome-plated brass

Seat
PTFE, PCTFE

Diaphragm
Neoprene

25-Micron Inlet Filter
Bronze

Specifications

Max Inlet Pressure
PTFE 3000 PSIG
PCTFE 5500 PSIG

Temperature Range
PTFE -40 to 140° F (-40 to 66° C)
PCTFE -40 to 150° F (-40 to 66° C)

Cv
.15 (3000 PSIG Max Inlet)
.1 (4500 PSIG Max Inlet)

Gauges
2" manufactured to ANSI/ASME B40.1

Conformances
CGA E-4

Ordering Information

Part Number	Gas Service	Inlet	Outlet Pressure	Outlet Fittings	Pressure Gauges
806 5506-01-1	Oxygen	CGA 540	0- 125 PSIG (0-9 BAR)	9/16"-18 "B" RH Ext.	200 & 4000 PSIG
806 5502-01-1	Acetylene	CGA 300	0-15* PSIG (0-1 BAR)	9/16"-18 "B" LH Ext.	30 & 400 PSIG
806 5509-01-1	Acetylene	CGA 510	0-15* PSIG (0-1 BAR)	9/16"-18 "B" LH Ext.	30 & 400 PSIG
806 5532-01-1	Fuel Gas	CGA 510	0-40* PSIG (0-2 BAR)	9/16"-18 "B" LH Ext.	60 & 400 PSIG
806 5521-01-1	Argon, Nitrogen, Helium (Inert Gas)	CGA 580	0-125 PSIG (0-9 BAR)	5/8"-18 "B" RH Int.	200 & 4000 PSIG
806 5522-01-1	Nitrogen (O.P.)	CGA 555	0-125 PSIG (0-9 BAR)	9/16"-18 "B" LH Ext.	200 & 4000 PSIG
806 5587-01-1	Carbon Dioxide	CGA 320	0-125 PSIG (0-9 BAR)	5/8-18 "B" RH Int.	200 & 4000 PSIG
Special Purpose 5500 Series Regulators					
806 5546-01-1	Oxygen (Max Inlet 4000 PSIG)	CGA 577	0-125 PSIG ** Acetylene should not be used over 15 PSIG*	9/16"-18 "B" RH Ext.	200 PSIG & 6000 PSIG

5500-5600 Series