

CYLINDER REGULATORS



6600 SERIES

Medium-Heavy Duty Rugged Welding, Heating and Cutting

The 6600 Series Medium-Heavy Duty Welding, Heating, and Cutting regulator provides primary pressure control of industrial gas cylinders in applications requiring outlet pressures up to 250 PSIG. The rugged forged brass construction provides high durability while the encapsulated seat design provides accurate pressure control and extended component lifecycle. Combined with heavy-duty internals to enable high delivery pressure and a wide range of delivery options, the 6600 is an ideal choice for high-pressure welding, heating, and cutting applications.



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

REGULATORS

Features	Materials of Construction	Specifications
Heavy Forged Brass Bonnet High durability	Body Brass barstock	Max Inlet Pressure 3000 PSIG
Medium-Large Seat Displacement Good flow capacity	Bonnet Forged brass	Temperature Range -40 to 140° F (-40 to 66° C)
Capsule® Seat Assembly High cycle life	Seat PTFE	Cv .2
	Diaphragm Neoprene	Gauges 2-1/2" manufactured to ANSI/ASME B40.1
	25-Micron Inlet Filter Bronze	Conformances CGA E-4

Ordering Information

Part Number	Gas Service	Inlet	Outlet Pressure	Outlet Fittings	Pressure Gauges
806 6606-01-1	Oxygen	CGA 540	0-120 PSIG (0-8 BAR)	3/16"-18 "B" RH Ext.	200 & 4000 PSIG
806 6686-01-1	Oxygen	CGA 540	0-250 PSIG (0-17 BAR)	1/4" MNPT	400 & 4000 PSIG
806 6602-01-1	Acetylene (max inlet 400 PSIG)	CGA 300	0-15* PSIG (0-1 BAR)	3/16"-18 "B" LH Ext.	30 & 400 PSIG
806 6609-01-1	Acetylene (max inlet 400 PSIG)	CGA 510	0-15* PSIG (0-1 BAR)	3/16"-18 "B" LH Ext.	30 & 400 PSIG
806 6632-01-1	Fuel Gas (max inlet 400 PSIG)	CGA 510	0-40* PSIG (0-3 BAR)	3/16"-18 "B" LH Ext.	60 & 400 PSIG
806 6601-01-1	Argon, Nitrogen, Helium	CGA 580	0-120 PSIG (0-8 BAR)	3/8"-18 "B" RH Int.	200 & 4000 PSIG
806 6611-01-1	Argon, Nitrogen, Helium	CGA 580	0-250 PSIG (0-17 BAR)	1/4" MNPT	400 & 4000 PSIG
806 6681-01-1	Hydrogen/Methane (Fuel Gas)	CGA 350	0-40 PSIG (0-3 BAR)	3/16"-18 "B" LH Ext.	60 & 400 PSIG
806 6603-01-1	Industrial Air	CGA 590	0-120 PSIG (0-8 BAR)	1/4" MNPT	200 & 4000 PSIG
806 6613-01-1	Industrial Air	CGA 590	0-250 PSIG (0-17 BAR)	1/4" MNPT	400 & 4000 PSIG
806 6608-01-1	Breathing Air	CGA 346	0-120 PSIG (0-8 BAR)	1/4" MNPT	200 & 4000 PSIG
806 6618-01-1	Breathing Air	CGA 346	0-250 PSIG (0-17 BAR)	1/4" MNPT	400 & 4000 PSIG
806 6643-01-1	Air	CGA 347	0-250 PSIG (0-17 BAR)	1/4" MNPT	400 & 6000 PSIG

* Acetylene should not be used over 15 PSIG

Related Options

Part Number	Description
830 6479	Panel Mount Kit

6500-6600 SERIES



6500 & 6600 Series Flow Regulation Curves

