

CYLINDER REGULATORS



6520 SERIES

Medium-Heavy Duty Welding, Heating and Cutting

The 6520 Series Medium Duty welding, heating, and cutting regulator provides primary pressure control of industrial gas cylinders in applications requiring moderate flow rates with delivery pressures up to 200 PSIG. The encapsulated seat designed increases pressure control accuracy and provides extended component lifecycle while the neoprene diaphragm provides steady and reliable pressure control. Combined with robust materials of construction and a wide range of delivery pressures, the 6520 is an ideal choice for medium duty welding, heating, and cutting applications.



806 6520 Shown

Features	Materials of Construction	Specifications
Neoprene Diaphragm Steady pressure control Medium-Large Seat Displacement Good flow capacity 2 1/2" PSIG/kPa Pressure Gauges Excellent visibility	Body Forged brass Bonnet Chrome-plated die-cast zinc Seat PTFE, PCTFE Diaphragm Neoprene 25-Micron Inlet Filter Bronze	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 .2 Gauges 2-1/2" manufactured to ANSI/ASME B40.1 Conformances CGA E-4 CRN 0H5216.5R1

Ordering Information

Part Number	Gas Service	Inlet	Outlet Pressure	Outlet Fittings	Pressure Gauges
806 6520-01-1	Oxygen	CGA 540	0-200 PSIG (0-14 BAR)	9/16"-18 "B" RH Ext.	400 & 4000 PSIG
806 6526-01-1	Oxygen	CGA 540	0-125 PSIG (0-9 BAR)	9/16"-18 "B" RH Ext.	200 & 4000 PSIG
806 6522-01-1	Acetylene, Fuel Gas	CGA 300	0-15* PSIG (0-1 BAR)	9/16"-18 "B" LH Ext.	30 & 400 PSIG
806 6529-01-1	Acetylene, Fuel Gas	CGA 510	0-15* PSIG (0-1 BAR)	9/16"-18 "B" LH Ext.	30 & 400 PSIG
806 6523-01-1	Argon, Nitrogen, Helium	CGA 580	0-200 PSIG (0-14 BAR)	5/8"-18 "B" RH Int.	400 & 4000 PSIG
806 6525-01-1	Argon, Nitrogen, Helium	CGA 580	0-125 PSIG (0-9 BAR)	5/8"-18 "B" RH Int.	200 & 4000 PSIG
806 6528-01-1	Argon, Nitrogen, Helium	CGA 680	0-125 PSIG (0-9 BAR)	5/8"-18 "B" RH Int.	200 & 6000 PSIG
806 6527-01-1	Air	CGA 347	0-125 PSIG (0-9 BAR)	1/4" MNPT	200 & 6000 PSIG

* Acetylene can not be used over 15 PSIG