

PIPELINE REGULATORS



6590 SERIES

Medium-Heavy Duty Heating and Cutting

The 6590 Series Medium-Heavy Duty Heating and Cutting regulator provides steady and reliable pressure control in point-of-use applications such as MIG and TIG shielding gas control. The encapsulated seat design provides accurate pressure control and extended component lifecycle. Combined with robust materials of construction and a wide range of delivery pressures, the 6590 is an ideal choice for point of use applications.



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

806-6596 Shown

DISTRIBUTION SYSTEMS

Features	Materials of Construction	Specifications
2.5" (63mm) Convolute Neoprene Diaphragm Steady pressure control Medium-Large Seat Displacement Good flow capacity Capsule® Seat Assembly High cycle life	Body Brass barstock Bonnet Chrome-plated brass Seat PTFE Diaphragm Neoprene 35-Micron Inlet Filter Bronze	Max Inlet Pressure 200 PSIG Temperature Range -40 to 140° F (-40 to 66° C) Cv .1 Gauges 2-1/2" manufactured to ANSI/ASME B40.1 Conformances CGA E-4 CRN OC15806.5

Ordering Information					
Part Number	Gas Service	CON	Outlet Pressure	Outlet Fittings	Fits Station Valve*
806 6596-01-1	Oxygen	024	0-120 PSIG	9/16"-18 "B" RH Ext.	801 0233
806 6592-01-1	Acetylene	025	0-15* PSIG	9/16"-18 "B" LH Ext.	801 0601
806 6599-01-1	Fuel Gas	025	0-40 PSIG	9/16"-18 "B" LH Ext.	801 0601
806 6595-01-1	Oil Free Inert, Argon-Nitrogen, Helium-Carbon Dioxide	034	0-120 PSIG	5/8"-18 "B" RH Int.	801 0034

*Acetylene should not be used over 15 PSIG

*Not Included. See page 56