

PIPELINE REGULATORS



6590 SERIES

Medium-Heavy Duty MIG and TIG Shielding Gas Control

The 6590 Series Medium-Heavy Duty Heating and Cutting regulator provides steady and reliable flow 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.



806 6574 Shown

Features	Materials of Construction	Specifications
2.5" (63mm) 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 Conformances CGA E-4 CRN 0C15806.5

Ordering Information

Part Number	Gas Service	CON	Flowrate (CFH)	Outlet Fittings	Fits Station Valve*
806 6591-01-1	Argon/Carbon Dioxide	034	Argon: 10-60 Carbon Dioxide: 10-55	5/8"-18 "B" RH Int.	801 0034
806 6597-01-1	Argon/Helium	034	Argon: 10-60 Helium: 30-200	5/8"-18 "B" RH Int.	801 0034
806 6590-01-1 (Gas Saver)	Argon/Helium	034	Argon: 10-60 Helium: 30-200	5/8"-18 "B" RH Int.	801 0034
806 6594-01-1 (Dual Flowmeter)	Argon/Carbon Dioxide	034	Argon: 10-60 Carbon Dioxide: 10-55	5/8"-18 "B" RH Int.	801 0034
806 6574-01-1 (Tamper Proof)	Argon/Helium	034	Argon: 10-60 Helium: 30-200	5/8"-18 "B" RH Int.	801 0034 * Not included