

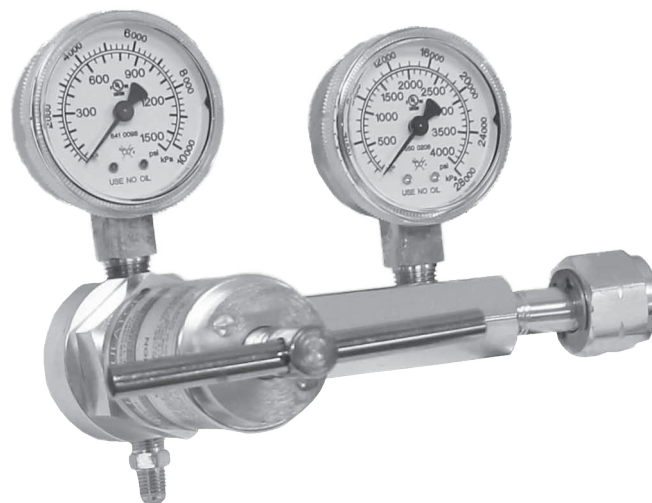
SPECIAL PURPOSE REGULATOR



1100 SERIES

High-pressure Delivery

The 1100 Series High-pressure regulator provides primary control of high-pressure gas sources requiring outlet pressures up to 1000 PSIG with inlet pressures up to 3000 PSIG. The heavy duty internals enable high delivery pressures while the neoprene diaphragm provides steady and reliable pressure control. Combined with robust materials of construction and a wide range of compatible gases, the 1100 series is an ideal choice for industrial gas applications requiring high delivery pressures.



806-1143 Shown

REGULATORS

Features	Materials of Construction	Specifications
Indirect Gas Flow Path Precise flow control 36" Copper Tubing with 1/8" MNPT Outlet Installation flexibility 2" PSIG/kPa Pressure Gauges Economical package	Body Brass barstock Bonnet Brass barstock Inlet Tee Assembly Brass barstock Seat PTFE Diaphragm Neoprene Inlet Filter Monel® and glass wool	Max Inlet Pressure 3000 PSIG Temperature Range -40 to 140° F (-40 to 66° C) Cv .1 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 1130-01-1	Oxygen	CGA 540	0-1000 PSIG (0-70 BAR)	36" Flexible Copper Tubing (1/8" MNPT, 3/16" diameter)	1500 & 4000 PSIG
806 1143-01-1	Hydrogen	CGA 350	0-1000 PSIG (0-70 BAR)	36" Flexible Copper Tubing (1/8" MNPT, 3/16" diameter)	1500 & 4000 PSIG
806 1135-01-1	Argon, WP Nitrogen, Helium	CGA 580	0-1000 PSIG (0-70 BAR)	36" Flexible Copper Tubing (1/8" MNPT, 3/16" diameter)	1500 & 4000 PSIG
806 1136-01-1	Nitrogen OP	CGA 555	0-1000 PSIG (0-70 BAR)	36" Flexible Copper Tubing (1/8" MNPT, 3/16" diameter)	1500 & 4000 PSIG
806 1189-01-1	Industrial Air	CGA 590	0-1000 PSIG (0-70 BAR)	36" Flexible Copper Tubing (1/8" MNPT, 3/16" diameter)	1500 & 4000 PSIG