Cylinder Regulators

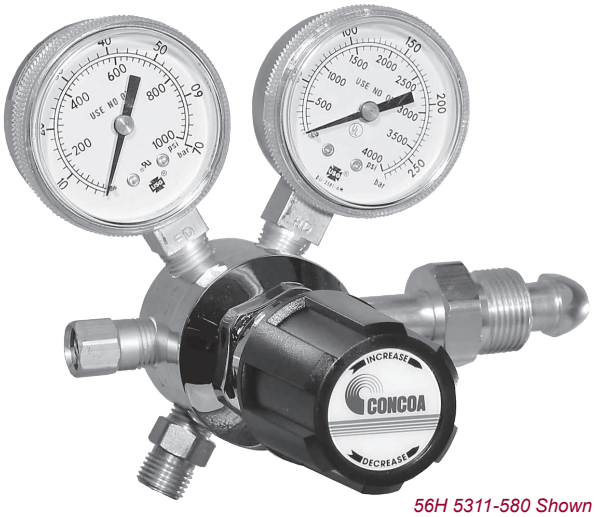
CONCOA
PRECISION GAS CONTROLS

56H Series

Medium-Heavy Duty Welding, Heating and Cutting

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

The 56H Series Medium-Heavy Duty welding, heating, and cutting regulator provides primary pressure control of industrial gas cylinders with inlet pressures up to 4500 PSIG and outlet pressures up to 250 PSIG. The heavy-duty brass barstock body provides high durability while the encapsulated seat design provides steady and reliable pressure control with extended component lifecycle. Combined with a wide range of delivery pressures and configurations, the 56H is a flexible and durable choice for cylinder and pipeline applications.



56H 5311-580 Shown

REGULATORS

Features

1.5" (38mm) 316L Stainless Diaphragm
Cold climate performance

High Leak Integrity
Critical environment performance

Capsule® Seat Assembly
High cycle life

Materials of Construction

Body
Brass barstock

Bonnet
Chrome-plated die-cast zinc

Seat
PTFE, PCTFE

Diaphragm
316L stainless steel

25-Micron Inlet Filter
Bronze

Specifications

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" 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
56H13C1-01-510	Acetylene	CGA 510	0-15* PSIG (0-1 BAR)	"B" LH Ext	30 & 4000 PSIG (2 & 275 BAR)
56H13C1-01-300	Acetylene	CGA 300	0-15* PSIG (0-1 BAR)	"B" LH Ext	30 & 4000 PSIG (2 & 275 BAR)
56H33B1-01-540	Oxygen	CGA 540	0-100 PSIG (0-7 BAR)	"B" RH Ext	200 & 4000 PSIG (14 & 275 BAR)
56H43B1-01-540	Oxygen	CGA 540	0-250 PSIG (0-17 BAR)	"B" RH Ext	400 & 4000 PSIG (27 & 275 BAR)
56H33D1-01-580	Argon, Nitrogen, Helium	CGA 580	0-100 PSIG (0-7 BAR)	"B" RH Int	200 & 4000 PSIG (14 & 275 BAR)
56H43D1-01-580	Argon, Nitrogen, Helium	CGA 580	0-250 PSIG (0-17 BAR)	"B" RH Int	400 & 4000 PSIG (27 & 275 BAR)
56H23D1-01-320	Carbon Dioxide	CGA 320	0-50 PSIG (0-3 BAR)	"B" RH Int	100 & 4000 PSIG (7 & 275 BAR)
56H73D1-01-320	Carbon Dioxide	CGA 320	0-150 PSIG (0-10 BAR)	"B" RH Int	200 & 4000 PSIG (14 & 275 BAR)
56H23C1-01-350	Hydrogen	CGA 350	0-50 PSIG (0-3 BAR)	"B" LH Ext	100 & 4000 PSIG (7 & 275 BAR)
56H73C1-01-350	Hydrogen	CGA 350	0-150 PSIG (0-10 BAR)	"B" LH Ext	200 & 4000 PSIG (14 & 275 BAR)

**Additional configurations available*

**Acetylene should not be used over 15 PSIG*