

# 6500 Series Single Stage Regulator



Medium-Heavy Duty Welding, Heating and Cutting

## Features

- 2.5" (63mm) Neoprene® Diaphragm
  - *Steady pressure control*
- Medium-Large Seat Displacement
  - *Good flow capacity*
- Capsule® Seat Assembly
  - *High cycle life*

## Material

- Heavy Forged Brass Body
- PTFE/PCTFE Seat
- 25 Micron Bronze Capsule® Filter

## Specification

- 3,000/5,500 PSI Max Inlet
- Temperature Range -40° to 140°F (-40° to 60°C)



806-6506 Shown

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

Gas Service	Stock Number	Inlet CGA	Delivery Range PSIG	Outlet Fittings	Pressure Gauges
Oxygen	806-6506	540	0-120	9/16"-18 "B" RH Ext.	200 & 4000 PSIG
	806-6586	540	0-40	9/16"-18 "B" RH Ext.	60 & 4000 PSIG
	806-6566	540	0-100	9/16"-18 "B" RH Ext.	Gaugeless
Acetylene	806-6502	300	0-15*	9/16"-18 "B" LH Ext.	30 & 400 PSIG
	806-6562	300	0-15*	9/16"-18 "B" LH Ext.	Gaugeless
Acetylene, Propylene and Propane**	806-6509	510	0-15*	9/16"-18 "B" LH Ext.	30 & 400 PSIG
	806-6569	510	0-15*	9/16"-18 "B" LH Ext.	Gaugeless
Propylene, Propane**	806-6532	510	0-40*	9/16"-18 "B" LH Ext.	60 & 400 PSIG
Argon, Nitrogen, Helium†	806-6505	580	0-120	5/8"-18 "B" RH Int.	200 & 4000 PSIG
	806-6585	580	0-40	5/8"-18 "B" RH Int.	60 & 4000 PSIG
Hydrogen Methane**	806-6581	350	0-40	9/16"-18 "B" LH Ext.	60 & 4000 PSIG
CO <sub>2</sub>	806-6587	320	0-40	5/8"-18 "B" RH Int.	60 & 4000 PSIG
Industrial Air	806-6503	590	0-120	1/4" NPT (M)	200 & 4000 PSIG
	806-6583	590	0-40	1/4" NPT (M)	60 & 4000 PSIG
Breathing Air	806-6508	346	0-120	1/4" NPT (M)	200 & 4000 PSIG
	806-6588	346	0-40	1/4" NPT (M)	60 & 4000 PSIG
<b>High Pressure Regulators</b>					
Oxygen	806-6546	577 (4000 PSIG Max.)	0-120	9/16"-18 "B" RH Ext.	200 & 6000 PSIG
Compressed Air	806-6543	347 (5500 PSIG Max.)	0-120	5/8"-18 "B" RH Int.	200 & 6000 PSIG
Inert	806-6544	680 (5500 PSIG Max.)	0-120	5/8"-18 "B" RH Int.	200 & 6000 PSIG

\* Acetylene should not be used over 15 PSIG