

CYLINDER REGULATORS



6600 SERIES

Medium-Heavy Duty Rugged Welding, Heating and Cutting

The 6600 Series Medium-Heavy Duty Welding, Heating, and Cutting regulator provides primary pressure control of industrial gas cylinders in applications requiring outlet pressures up to 250 PSIG. The rugged forged brass construction provides high durability while the encapsulated seat design provides accurate pressure control and extended component lifecycle. Combined with heavy-duty internals to enable high delivery pressure and a wide range of delivery options, the 6600 is an ideal choice for high-pressure welding, heating, and cutting applications.



REGULATORS

| Features | Materials of Construction | Specifications |
|---|---|--|
| Heavy Forged Brass Bonnet High durability | Body Brass barstock | Max Inlet Pressure 3000 PSIG |
| Medium-Large Seat Displacement Good flow capacity | Bonnet Forged brass | Temperature Range -40 to 140° F (-40 to 66° C) |
| Capsule® Seat Assembly High cycle life | Seat PTFE | Cv .2 |
| | Diaphragm Neoprene | Gauges 2-1/2" manufactured to ANSI/ASME B40.1 |
| | 25-Micron Inlet Filter Bronze | Conformances CGA E-4 |

Ordering Information

| Part Number | Gas Service | Inlet | Outlet Pressure | Outlet Fittings | Pressure Gauges |
|---------------|--------------------------------|---------|-----------------------|-----------------------|-----------------|
| 806 6606-01-1 | Oxygen | CGA 540 | 0-120 PSIG (0-8 BAR) | 3/16" -18 "B" RH Ext. | 200 & 4000 PSIG |
| 806 6686-01-1 | Oxygen | CGA 540 | 0-250 PSIG (0-17 BAR) | 1/4" MNPT | 400 & 4000 PSIG |
| 806 6602-01-1 | Acetylene (max inlet 400 PSIG) | CGA 300 | 0-15* PSIG (0-1 BAR) | 3/16" -18 "B" LH Ext. | 30 & 400 PSIG |
| 806 6609-01-1 | Acetylene (max inlet 400 PSIG) | CGA 510 | 0-15* PSIG (0-1 BAR) | 3/16" -18 "B" LH Ext. | 30 & 400 PSIG |
| 806 6632-01-1 | Fuel Gas (max inlet 400 PSIG) | CGA 510 | 0-40* PSIG (0-3 BAR) | 3/16" -18 "B" LH Ext. | 60 & 400 PSIG |
| 806 6601-01-1 | Argon, Nitrogen, Helium | CGA 580 | 0-120 PSIG (0-8 BAR) | 3/8" -18 "B" RH Int. | 200 & 4000 PSIG |
| 806 6611-01-1 | Argon, Nitrogen, Helium | CGA 580 | 0-250 PSIG (0-17 BAR) | 1/4" MNPT | 400 & 4000 PSIG |
| 806 6681-01-1 | Hydrogen/Methane (Fuel Gas) | CGA 350 | 0-40 PSIG (0-3 BAR) | 3/16" -18 "B" LH Ext. | 60 & 400 PSIG |
| 806 6603-01-1 | Industrial Air | CGA 590 | 0-120 PSIG (0-8 BAR) | 1/4" MNPT | 200 & 4000 PSIG |
| 806 6613-01-1 | Industrial Air | CGA 590 | 0-250 PSIG (0-17 BAR) | 1/4" MNPT | 400 & 4000 PSIG |
| 806 6608-01-1 | Breathing Air | CGA 346 | 0-120 PSIG (0-8 BAR) | 1/4" MNPT | 200 & 4000 PSIG |
| 806 6618-01-1 | Breathing Air | CGA 346 | 0-250 PSIG (0-17 BAR) | 1/4" MNPT | 400 & 4000 PSIG |
| 806 6643-01-1 | Air | CGA 347 | 0-250 PSIG (0-17 BAR) | 1/4" MNPT | 400 & 6000 PSIG |

* Acetylene should not be used over 15 PSIG

Related Options

| Part Number | Description |
|-------------|-----------------|
| 830 6479 | Panel Mount Kit |

6500-6600 SERIES

