

POINT OF USE EQUIPMENT



6590 Series Pipeline Regulator

Medium-Heavy Duty Heating and Cutting at Point of Use

Advanced Features

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

Material

- Forged Brass Body
- PTFE Seat
- 20-35 Micron Bronze Capsule® Filter

Specification

- 200 PSI Max Inlet
- Temperature Range -40° to 140°F (-40° to 60°C)



806-6596 Shown

806-6591 Shown

| Gas Service | Stock Number | Inlet CGA | Delivery PSIG | Outlet Fittings | Fits Station Valve* |
|--|--------------|-----------|---------------|----------------------|---------------------|
| Oxygen | 806-6596 | 024 | 0-120 PSIG | 9/16"-18 "B" RH Int. | 801-0233 |
| Acetylene, Propylene, Propane, Natural Gas | 806-6592 | 025 | 0-15 PSIG | 9/16"-18 "B" LH Int. | 801-0601 |
| Propylene, Propane, Natural Gas | 806-6599 | 025 | 0-40 PSIG | 9/16"-18 "B" LH Int. | 801-0601 |
| Oil Free Inert, Argon-Nitrogen, Helium-CO ₂ | 806-6595 | 034 | 0-120 PSIG | 5/8"-18"B" RH Int. | 801-0034 |

| Gas Service | Stock Number | Inlet CGA | Flowrate CFH | Outlet Fittings | Fits Station Valve* |
|------------------------|---------------------------|-----------|--------------------------------------|--------------------|---------------------|
| Argon, CO ₂ | 806-6591 | 034 | Argon: 10-60/CO ₂ : 10-55 | 5/8"-18"B" RH Int. | 801-0034 |
| Argon, Helium | 806-6597 | 034 | Argon: 10-60/Helium: 30-200 | 5/8"-18"B" RH Int. | 801-0034 |
| | 806-6590 (Gas Saver) | 034 | Argon: 10-60/Helium: 30-200 | 5/8"-18"B" RH Int. | 801-0034 |
| Argon, CO ₂ | 806-6594 (Dual Flowmeter) | 034 | Argon: 10-60/CO ₂ : 10-55 | 5/8"-18"B" RH Int. | 801-0034 |

Note: Acetylene should not be used over 15 PSIG

* Not included. See page 45.