



Model 3550, 3570 Series Single-Stage High-Purity Miniature Regulators

Model 3850, 3870 Series Dual-Stage High-Purity Miniature Regulators



Description

Compact, high-purity regulators for use with small cylinders.

Applications

- Applications requiring high-purity gases and a compact regulator due to space limitations.

Design Features/Components

- High-purity nickel plated brass barstock or 316L stainless steel body available
- High-purity 316 stainless steel diaphragm
- 1-1/2" inlet and delivery pressure gauges
- 1/4" NPTF outlet connection
- Porous metal filter protects seat from contaminants
- Panel mountable
- 0-3000 psig cylinder pressure gauge

Materials of Construction

- Gauges: Chrome plated brass or 316 stainless steel
- Body: 316L stainless steel or nickel plated brass
- Diaphragm: 316 stainless steel
- Seat: Kel-F 81
- Seals: Teflon

Specifications

- Maximum Inlet Pressure: 3000 psig (20,700 kPa)
- Maximum Flow Rate: 11 SCFH (5 SLPM)
- Flow Capacity (Cv): 0.06
- Operating Temperature: -40°F to 140°F (-40°C to 60°C)
- Porting (Regulator Body): 1/4" NPT Female
- Gauge Ports: 1/8" NPT Female
- Porting Configuration: 2 Low, 2 High
- Shipping Weight: 2 lbs

Ordering Information

| Model Number* | Regulator Type | Body Construction | Delivery Pressure Range | Delivery Pressure Gauge |
|---------------|----------------|-------------------|-------------------------|-------------------------|
| 3551-CGA | Single-Stage | Brass | 0-30 psig | 0-60 psig |
| 3552-CGA | Single-Stage | Brass | 0-60 psig | 0-100 psig |
| 3553-CGA | Single-Stage | Brass | 0-100 psig | 0-200 psig |
| 3571-CGA | Single-Stage | Stainless Steel | 0-30 psig | 0-60 psig |
| 3572-CGA | Single-Stage | Stainless Steel | 0-60 psig | 0-100 psig |
| 3573-CGA | Single-Stage | Stainless Steel | 0-100 psig | 0-200 psig |
| 3851-CGA | Dual-Stage | Brass | 0-30 psig | 0-60 psig |
| 3852-CGA | Dual-Stage | Brass | 0-60 psig | 0-100 psig |
| 3853-CGA | Dual-Stage | Brass | 0-100 psig | 0-200 psig |
| 3871-CGA | Dual-Stage | Stainless Steel | 0-30 psig | 0-60 psig |
| 3872-CGA | Dual-Stage | Stainless Steel | 0-60 psig | 0-100 psig |
| 3873-CGA | Dual-Stage | Stainless Steel | 0-100 psig | 0-200 psig |

*Note: Some CGA limitations may apply.