



Model 3330 Series Economy Corrosive Service Lecture Bottle Regulator

Description

Compact and economical regulator for use with most corrosive gases sold in lecture bottles.

Applications

- Use with low pressure (1-6 psig) applications with corrosive gases in lecture bottles; if higher pressures are required, use the 3570 Series Mini Regulator

Design Features/Components

- PVC body
- Teflon diaphragm
- 1-1/2" delivery pressure gauge
- Porous metal filter protects seat from contamination
- Equipped with outlet needle valve
- 1/4" NPTM outlet connection



Materials of Construction

- Gauge: 316 stainless steel
- Body: Polyvinyl chloride
- Bonnet: Polyvinyl chloride
- Diaphragm: Teflon
- Seat: Kel-F
- Seals: Teflon
- Trim: 316 stainless steel

Specifications

- Maximum Inlet Pressure: 3000 psig (20,700 kPa)
- Maximum Flow Rate: Model 3331: 500 SCCM
(At 2000 psig, N₂): Model 3332: 90 SCFH (40 SLPM)
- Flow Capacity (Cv): 0.011
- Operating Temperature: 30°F to 120°F (-1°C to 49°C)
- Porting (Regulator Body): Inlet – 1/8" NPT Female
Gauge/Outlet – 1/4" NPT Female
- Porting Configuration: 1 High, 2 Low
- Shipping Weight: 2 lbs

Ordering Information

| Model Number | Delivery Pressure Range | Delivery Pressure Gauge |
|----------------|-------------------------|-------------------------|
| 3331 (CGA 180) | 0-18" water column | None |
| 3332 (CGA 180) | 1-6 psig | 0-15 psig |

Options

| Model Number | Description |
|--------------|--|
| 4754-180 | Tee Purge Assembly |
| 401V | Outlet Check Valve - Stainless/Viton |
| WAS-0039-PB | Gaskets for CGA 180 |
| 504 | Wall Mount Bracket for Lecture Bottles |
| 505 | Non-Tip Stand for Lecture Bottles |