



# Model 3470 Series Economy General Purpose Line Regulator



### Description

Economical line regulators for general purpose applications.

### Applications

- Point-of-use pressure regulation of inert gases.

### Design Features/Components

- General purpose brass body
- General purpose neoprene diaphragm
- 2" delivery pressure gauge
- Rear inlet with bottom outlet for easy installation
- Equipped with an outlet needle valve
- Porous metal filter protects seat from contamination
- 1/4" NPTM inlet and outlet connections

### Materials Of Construction

- Gauge: Chrome plated brass
- Body: Brass
- Bonnet: Chrome plated die-cast zinc
- Diaphragm: Neoprene
- Seat: Neoprene
- Seals: Neoprene

### Specifications

- Maximum Inlet Pressure: 350 psig (2,415 kPa)
- Maximum Flow Rate: Model 3471: 280 SCFH (132 SLPM)  
Model 3473: 750 SCFH (354 SLPM)  
Model 3476: 1600 SCFH (755 SLPM)  
Model 3478: 2300 SCFH (1085 SLPM)
- Flow Capacity (Cv): 0.53
- Operating Temperature: -20°F to 140°F (-29°C to 60°C)
- Porting (Regulator Body): 1/4" NPT Female
- Porting Configuration: 1 High, 2 Low
- Shipping Weight: 7 lbs

| Ordering Information |                         |                         |
|----------------------|-------------------------|-------------------------|
| Model Number         | Delivery Pressure Range | Delivery Pressure Gauge |
| 3471-A               | 2-15 psig               | 0-30 psig               |
| 3473-A               | 4-50 psig               | 0-60 psig               |
| 3476-A*              | 4-125 psig              | 0-200 psig              |
| 3478-A*              | 20-200 psig             | 0-400 psig              |

\*Supplied with T-Bar instead of black knob handle.  
Note: The Model 3470 Series cannot be supplied with CGA connections.