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

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

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

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

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

Ordering Information

<table>
<thead>
<tr>
<th>Part Number*</th>
<th>Regulator Type</th>
<th>Body Construction</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
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<tr>
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<td>Single-Stage</td>
<td>Brass</td>
<td>0-30 psig</td>
<td>0-60 psig</td>
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*Note: For ordering, replace letters “CGA” with the valve outlet CGA number for the gas cylinder you are using. Some CGA limitations may apply.

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