Regulators

Model 3210A Series
Single-Stage Deluxe Corrosion Resistant Monel Regulator

Design Features/Components
- Monel construction for excellent corrosion resistance
- Kel-F seat material for use with chlorinated compounds
- Bronze filled Teflon® for fluorinated compounds (Model 3225A)
- 2-1/2” Monel gauges
- Equipped with Monel needle valve on outlet
- Porous metal filter protects seat from contamination
- 1/4” NPTM outlet connection
- 1/4” compression tube outlet connection available as an option

Materials of Construction
Gauges: Monel
Body: Monel
Bonnet: Chrome-plated brass
Diaphragm: Monel
Valve Stem: Monel
Valve Spring: Monel
Seat: Kel-F
Seat (Model 3225A): Bronze filled Teflon®
Seals: Kel-F

Specifications
- Maximum Inlet Pressure: 3000 psig (20,700 kPa)
- Model 3225A: 1000 psig (6900 kPa)
- Maximum Flow Rate: Model 3215A, 3217A, and 3219A: (at 2000 psig, N.)
  1500 SCFH (700 SLPM)
- Model 3216A, 3218A, 3220A:
  600 SCFH (280 SLPM)
- Model 3225A: 450 SCFH (210 SLPM)
- Flow Capacity (Cv): 0.195
- Operating Temperature: -20°F to 150°F (7°C to 66°C)
- Porting (Regulator Body): 1/4” NPT Female
- Porting Configuration: 2 High, 2 Low
- Shipping Weight: 6 lbs

Description
Corrosive service regulators constructed of Monel for superior corrosion resistance.

Applications
- Pressure regulation of acid forming halogen gases, such as hydrogen chloride, chlorine, hydrogen fluoride, hydrogen bromide, and silicon tetrafluoride; and fluorine (Model 3225A)
- Dispensing of corrosive calibration gases.
- Research and development applications where a corrosion resistant regulator is required for either corrosive ambient conditions or corrosive gas service.
- Applications requiring extended regulator lifespan in severe conditions.

Ordering Information

<table>
<thead>
<tr>
<th>Part Number*</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
<th>Cylinder Pressure Gauge</th>
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</thead>
<tbody>
<tr>
<td>SEQ3215ACGA</td>
<td>1-50 psig</td>
<td>0-100 psig</td>
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<tr>
<td>SEQ3216ACGA</td>
<td>3-200 psig</td>
<td>0-300 psig</td>
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<td>SEQ3217ACGA</td>
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<td>0-1000 psig</td>
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<tr>
<td>SEQ3218ACGA</td>
<td>3-200 psig</td>
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<td>SEQ3219ACGA</td>
<td>1-50 psig</td>
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<td>0-3000 psig</td>
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<td>1-50 psig</td>
<td>0-100 psig</td>
<td>0-1000 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.

Options

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SEQ4755CGA</td>
<td>Tee Purge Assembly</td>
</tr>
<tr>
<td>SEQ4775CGA</td>
<td>Cross Purge Assembly</td>
</tr>
<tr>
<td>SEQCON0208MA</td>
<td>1/4” Compression Tube Outlet Fitting (Monel)</td>
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</table>

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