Model 3030S and 3040S Series
Single-Stage High-Purity/High Delivery Pressure Stainless Steel Regulators

Description
High-purity Stainless Steel regulators designed for delivery pressures up to 2500 psig. Seal material choices are Viton/Teflon or EPR/Vespel. Hydrogen sulfide mixes need to have the EPR/Vespel seals while hydrogen chloride mixtures need to have the Viton/Teflon seals. Viton/Teflon is good for most other gases.

Applications
• Applications requiring delivery pressures up to 2500 psig.
• Delivery of gas to manufacturing processes, charging of systems, purging.

Design Features/Components
• High-purity stainless steel body
• 316 stainless steel piston
• 2” inlet and delivery pressure gauges
• Equipped with outlet needle valve
• 1/4” NPTM outlet connection
• Porous metal filter protects seat from contamination
• Panel mountable

Materials of Construction
Gauges: Stainless Steel
Body: Stainless Steel
Bonnet: Nickel plated brass
Piston: 316 stainless steel

Specifications
Maximum Inlet Pressure: 3500 psig (24,100 kPa)
Maximum Flow Rate: Model 3030S: 4600 SCFH (2170 SLPM)
(At 2500 psig, N2) Model 3040S: 4600 SCFH (2170 SLPM)
Flow Capacity (Cv): 0.06
Operating Temperature: -15°F to 165°F (-26°C to 74°C)
Porting (Regulator Body): 1/4” NPT Female
Porting Configuration: 2 High, 2 Low
Shipping Weight: 5 lbs

Ordering Information

<table>
<thead>
<tr>
<th>Part Number*</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
<th>Inlet Pressure Gauge</th>
<th>Seal Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ3030SEC</td>
<td>100-1500 psig</td>
<td>0-3000 psig</td>
<td>0-3000 psig</td>
<td>EPR/VESPEL</td>
</tr>
<tr>
<td>SEQ3030SVC</td>
<td>100-1500 psig</td>
<td>0-3000 psig</td>
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<td>VITON/TEFLON</td>
</tr>
<tr>
<td>SEQ3040SEC</td>
<td>100-2500 psig</td>
<td>0-3000 psig</td>
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*Note: Where CGA is replaced with the actual CGA number. Some CGA limitations may apply