Model 3491
Economy Vacuum Line Regulator

Description
Economical line regulator for vacuum applications.

Applications
• Point-of-use regulation of non-corrosive gases (1.8 psig - 1 mm Hg absolute)
• Atmospheric chamber studies
• Biological research
• Environmental atmosphere studies

Design Features/Components
• Economical brass body
• Butyl rubber diaphragm
• 3-1/2" delivery pressure gauge
• 1/4" NPTM inlet and outlet connections
• Porous metal filter protects seat from contamination
• Hose connections supplied as standard
• Rear inlet with bottom outlet for easy installation

Materials of Construction
Gauge: Chrome plated brass
Body: Brass
Diaphragm: Butyl rubber
Seat: Viton

Specifications
Maximum Inlet Pressure: 120 psig*
Operating Temperature: -20°F to 140°F (-30°C to 60°C)
Flow Capacity (Cv): 0.64
Shipping Weight: 5 lbs

*Recommended minimum inlet pressure 20 psig to attain full delivery pressure range. Optimum inlet pressure 50 psig.
Note: Hose connection for outlet supplied as standard.

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ3491A</td>
<td>1.8 psig to 1 mm Hg abs.</td>
<td>760 mm Hg vac/0-5 psig</td>
</tr>
</tbody>
</table>

Options

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEQ60053232</td>
<td>2 ft. Hose Assembly - to connect the inlet of the Model 3491 regulator to the outlet of a high pressure regulator (such as a Model 1L) when supply gas pressure exceeds 120 psig (828 kPa). Maximum pressure: 250 psig</td>
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</tbody>
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