Ultra-High-Purity Regulators

For Corrosive Service

Model 220

These single-stage regulators are designed specifically for lecture bottles. The Model 220 features stainless steel construction for applications involving high-purity corrosive gases.

Benefits/Features
Filter traps foreign matter, extends regulator life and reduces maintenance.
Stainless steel diaphragm minimizes diffusion of air into regulator and eliminates off-gassing.
Convoluted stainless steel diaphragm provides excellent delivery pressure accuracy.

Specifications
- Inlet Pressure: 3000 psig (207 bar) maximum
- Operating Temperature Range: -40°F to 140°F (-40°C to 60°C)
- Flow Coefficient: Cv = 0.06
- Regulator Inlet Port: 1/4" NPT Female
- Inlet Connection: CGA 110 or 180
- Outlet Connection: 1/4" NPT Female
- and all other configurations
- Gauge Size: 2" (53 mm) face
- Weight: 2.9 lbs. (1.3 kg)

Materials of Construction
- Body: 316 Stainless Steel
- Diaphragm: 316 Stainless Steel
- Seat: PCTFE
- Seal: PTFE
- Bonnet: 300 Stainless Steel
- Gauge: Stainless steel

<table>
<thead>
<tr>
<th>Model 220</th>
<th>Delivery Pressure Range</th>
<th>Delivery Pressure Gauge (dual scale)</th>
<th>Cylinder Pressure Gauge (dual scale)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel</td>
<td>psig</td>
<td>bar</td>
<td>psig</td>
</tr>
<tr>
<td>Q1-220AS-(*)</td>
<td>1 – 30</td>
<td>0.1 – 2</td>
<td>30° Vac – 0 – 60</td>
</tr>
<tr>
<td>Q1-220BS-(*)</td>
<td>2 – 75</td>
<td>0.1 – 5</td>
<td>30° Vac – 0 – 100</td>
</tr>
</tbody>
</table>

* Specify CGA 110 or 180.

Option: Model No. Q4-62S4MFL diaphragm valve