High-Flow Regulators
High-Purity for Noncorrosive/Corrosive Service
Model 228

Available in brass and stainless steel, these single-stage regulators are designed for high-flow applications that are capable of flowrates in excess of 60 SCFM. The brass version can be used for noncorrosive applications, while the stainless steel version can be used for corrosive applications.

Benefits/Features
- Unique balanced poppet stem design minimizes effect on delivery pressure caused by changes in inlet pressure.
- Designed to handle high flow in excess of 60 SCFM.
- Threaded holes in rear of regulator allow for front panel mounting.

Specifications
- Inlet Pressure: 3000 psig (207 bar) maximum
- Operating Temperature Range: -40°F to 140°F (-40°C to 60°C)
- Flow Coefficient: Cv = 0.6
- Supply Pressure Effect: 1 psi per 100 psi (0.1 bar per 7 bar)
- Regulator Inlet Port: 1/4" NPT Female
- Inlet Connection: Specify CGA
- Outlet Connection: 1/4" NPT Female and all other configurations.

Gauge Size: 2.5" (67 mm) face
Weight:
- Brass: 5.8 lbs. (2.6 kg)
- Stainless steel: 6 lbs. (2.7 kg)

Materials of Construction
- Body: Brass bar stock or 316 Stainless Steel
- Diaphragm: 316 Stainless Steel
- Seat: PCTFE
- Seals: PTFE
- Bonnet: Nickel-plated brass
- Gauges: Brass or stainless steel

<table>
<thead>
<tr>
<th>Model 228</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></td>
<td>psig  bar</td>
<td>psig  bar</td>
<td>psig  bar</td>
</tr>
<tr>
<td>Q1-228AB- (*)</td>
<td>Q1-228AS- (*)</td>
<td>2 – 30    0.1 – 2</td>
<td>0 – 60    0 – 4</td>
</tr>
<tr>
<td>Q1-228BB- (*)</td>
<td>Q1-228BS- (*)</td>
<td>4 – 75    0.3 – 5</td>
<td>0 – 100   0 – 7</td>
</tr>
<tr>
<td>Q1-228CB- (*)</td>
<td>Q1-228CS- (*)</td>
<td>10 – 150  0.7 – 10</td>
<td>0 – 200   0 – 14</td>
</tr>
<tr>
<td>Q1-228DB- (*)</td>
<td>Q1-228DS- (*)</td>
<td>20 – 250  1 – 17</td>
<td>0 – 400   0 – 28</td>
</tr>
</tbody>
</table>

* Specify CGA. Other cylinder connections are available – please contact your Air Liquide representative.