Two-Stage Heavy Duty Regulator

Model 55

Capable of flow rates up to 3000 SCFH, this high-flow regulator provides constant delivery pressure over a wide range of inlet pressures for cylinders and manifold systems.

Benefits and Features
- Conforms to CGA E-4
- Brass body and bonnets
- 2.75” neoprene diaphragm
- 2.5” dual-scale gauges (psi/kpa)
- ⅝” NPT outlet port, 180° from inlet with ⅜” male hex nipple installed
- Tamper-proof, self-reseating internal high-pressure safety valve
- One-piece encapsulated seat design with an internal filter and PTFE seats

Typical Performance

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Gas Service</th>
<th>Maximum Inlet Pressure (psig)</th>
<th>Delivery Pressure Range (psig)</th>
<th>Inlet CGA</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>IGR-55E-350</td>
<td>Flammables</td>
<td>3000</td>
<td>0–350</td>
<td>350</td>
<td>¼” NPT Male</td>
</tr>
<tr>
<td>IGR-55E-540</td>
<td>Oxygen</td>
<td>3000</td>
<td>0–350</td>
<td>540</td>
<td>¼” NPT Male</td>
</tr>
<tr>
<td>IGR-55E-580</td>
<td>Inerts</td>
<td>3000</td>
<td>0–350</td>
<td>580</td>
<td>¼” NPT Male</td>
</tr>
</tbody>
</table>