**Standard Configurations**

- Eleven (11)-gauge cold rolled steel body
- High quality, fully seam-welded construction
- Low profile ¼” diamond-plate hard-deck
- Large view, gasketed, fire rated, wire-reinforced safety glass viewing window
- Protective Lexan® shield behind access door
- Self-closing, self-latching gasketed, triple-hinge doors.
- Lockable safety latches
- Lockable access door (>150 f/m face velocity while open at recommended exhaust rates)
- Thirty-one (31) gpm bee’s wax coated sprinkler heads rated for 165°F
- Laser cut intake grille
- Unistrut® compatible interior mounting rails
- Seismic tie-down clearance holes for 5/8” bolts
- Cylinder clamps with tension straps
- Light gray, textured, ruggedized polyurethane finish
- Plumbing backplanes

**Specialty Gas and Chemical Delivery and Storage Systems**

are engineered to meet tomorrow’s standards for Ultrahigh Purity, safe handling of your hazardous gases and liquids. Through the SDC brand name and private label equipment installations, SDC has emerged as a leader in safe, UHP, low cost specialty gas and chemical delivery equipment.

**OEM discounts and private-labeling services available.**

**EXHAUST SPECIFICATIONS/REQUIREMENTS**

<table>
<thead>
<tr>
<th>Cabinet Model</th>
<th>Exhaust Configuration</th>
<th>* Min. Exhaust Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Cylinder</td>
<td>One 6” OD stub</td>
<td>150 CFM</td>
</tr>
<tr>
<td>2-Cylinder</td>
<td>One 6” OD stub</td>
<td>300 CFM</td>
</tr>
<tr>
<td>3-Cylinder</td>
<td>Two 6” OD stubs</td>
<td>450 CFM</td>
</tr>
<tr>
<td>4-Cylinder</td>
<td>Two 6” OD stubs</td>
<td>600 CFM</td>
</tr>
<tr>
<td>1-Dewar</td>
<td>One 8” OD stub</td>
<td>500 SCFM</td>
</tr>
<tr>
<td>2-Dewar</td>
<td>Two 8” OD stubs</td>
<td>1000 SCFM</td>
</tr>
</tbody>
</table>

* Depending on the specific gas and the combined volume, this flow may be higher.
Optional Features

- Adjustable cylinder shelves
- Air intake filters
- Plumbing backplanes
- Custom cabinet colors
- Custom laser cut intake grille
- Custom labeling and logos
- Lecture bottle stands
- Chains in lieu of self-tightening straps
- Exhaust pressure switch (monitored by others)

Codes and Standards Referenced

- OSHA® 29 CFR 1910, subparts S and H
- NFPA® 497 Classifications of Hazardous Locations for Electrical Installations in Chemical Process Areas
- SEMI® S2 Safety Guidelines for Semiconductor Manufacturing Equipment
- SEMI® S8-95 Safety Guidelines for Ergonomics/Human Factors Engineering of Semiconductor Manufacturing Equipment
- SEMI® S6-93 Safety Guidelines for Ventilation