Building a great vacuum system begins with selecting the right chamber. With an expansive stock of standard chamber designs and custom options and accessories, our application engineers have the expertise and resources to design, build, and offer ongoing support to your vacuum system. Whether you require a standard chamber or a complete vacuum system, our selection and service is unmatched in the industry.

**STANDARD CHAMBER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>SERIES VI</th>
<th>SERIES HI</th>
<th>SERIES CI</th>
<th>SERIES VL</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Configuration" /></td>
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<td><img src="image" alt="Configuration" /></td>
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</tr>
<tr>
<td><strong>CONFIGURATION</strong></td>
<td>Vertical cylindrical, top loading</td>
<td>Horizontal cylindrical</td>
<td>Cube</td>
</tr>
<tr>
<td><strong>BODY MATERIAL</strong></td>
<td>Stainless steel or aluminum</td>
<td>Stainless steel</td>
<td>Stainless steel or aluminum</td>
</tr>
<tr>
<td><strong>LID/DOOR MATERIAL</strong></td>
<td>Clear acrylic or stainless steel</td>
<td>Clear acrylic or stainless steel</td>
<td>Clear acrylic, aluminum or stainless steel</td>
</tr>
<tr>
<td><strong>VACUUM</strong></td>
<td>$10^{-3}$ Torr</td>
<td>$10^{-3}$ Torr</td>
<td>$10^{-3}$ Torr</td>
</tr>
<tr>
<td><strong>SIZE RANGE</strong></td>
<td>Dia: 6” - 24” Ht: 9” - 24”</td>
<td>Dia: 12” - 48” Ht: 18” - 50”</td>
<td>12”, 20”, 24”, 30”, 45” cube</td>
</tr>
</tbody>
</table>

Standard chambers include three ports (vacuum, vent, and gauge), two ball valves and 0-30” dial vacuum gauge. All vacuum chambers are helium leak tested for quality assurance. Custom chambers are available to match your application specifications.

**CHAMBER OPTIONS**

- Customize chamber dimensions
- Alternate materials including glass, 316 stainless steel, carbon steel, aluminum
- Electrical feedthroughs
- Thermocouple feedthroughs
- Hinged/clamped lid options
- Viewports
- Shelf brackets and trays
- Overpressure designs to 15 psig

**ACCESSORIES**

LACO offers a full range of accessories to customize your vacuum chamber

- Vacuum Controllers
- Vacuum Pumps
- Vacuum Gauges
- Valves
- Carts & Stands
- Mixers
- Lighting
- Heating & Cooling
- Traps

**APPLICATIONS**

- Vacuum Degassing
- Vacuum Drying
- Atmospheric Simulation
- Vacuum Impregnation
- Vacuum Encapsulation
- Vacuum Storage
- Product Testing
- Vacuum Sealing
- Vacuum Metal & Joining
- Leak Testing
- Lab Applications