GC Series
Gas Cylinder Safety Cabinets

Gas Cylinder Cabinets are designed to provide a safe and cost effective means to isolate hazardous gas cylinders from the surrounding workplace. The cabinet exhaust vent is designed to be coupled with a fan (not supplied) to provide a “local” exhaust gas control system to maximize operator safety when working with hazardous gases. These cabinets also protect cylinders and delivery systems from accidental contact, unauthorized handling and tampering.

The GC Series Cabinets are available in single to four cylinder configurations and feature a removable back panel inside the cabinet that is used for mounting regulators, valves, and other components of the gas delivery system. Windows permit visual inspection and access into cabinet for adjustments while minimizing operator exposure to potential toxic leaks. Water sprinkler heads on the ceiling provide for extra fire protection, while adjustable cylinder brackets secure cylinders from falling in the event of a fire or earthquake.

Standard Features
• All Welded Construction using 11-gauge steel (exceeds code requirements) provides for extra structural strength.
• Epoxy Painted Texture Finish on outside and smooth finish on inside enhances cabinet appearance.
• Louvered Panel on base of door(s) provides maximum coverage of air flow through cabinet.
• Removable White Back Panel on inside rear of cabinet can be used to mount the gas delivery system.
• Adjustable Cylinder Bracket(s) with Chain(s) accommodate a large range of cylinder sizes and secures cylinders from toppling.
• Door(s) and Access Window(s) Close and Latch Automatically preventing them from being accidentally left open.

Optional Features
• Adjustable Perforated Shelves accommodate smaller sized gas cylinders.
• Keyed Door Latch prevents unauthorized entry.
• Air Intake Filter allows for process protection by minimizing contamination from ambient air impurities.
• Custom Cabinets and Colors are available to match users needs.
• Fusible Link Fire Dampers automatically close air intake grill should a fire occur.

Specifications
Compliances:
- Uniform Fire Code, Uniform Building Code, Federal OSHA, Cal OSHA, NFPA, SEMI Standards
Integral Sprinkler:
- 160–165°F Activation, Coated with Bee’s Wax for Protection from Corrosive Environments
Window: ¼” Thick, Wire Reinforced Safety Glass
Latch: Flush Mounted, Paddle Type
Exhaust Vent Dimensions:
- 6” diameter x 3” high
Color: Nitro Blue
Paint: Polyurethane Epoxy
Surface Finish:
- Inside: Smooth
- Outside: Slightly Textured
Floor: Diamond deck
Dimensions: See Table I
Optional Adjustable Shelf Dimensions:
- 11” x 11”
Approximate Weight: See Table I

Materials of Construction
Cabinet: 11-Gauge Cold Rolled Steel
Fasteners and Latch: Stainless Steel and PTFE

Optional Equipment

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjustable Shelf</td>
<td>GC-AS</td>
</tr>
<tr>
<td>Keyed Door Latch</td>
<td>GC-KL</td>
</tr>
<tr>
<td>Air Intake Filter</td>
<td>GC-AF</td>
</tr>
<tr>
<td>Fusible Link Fire Damper</td>
<td>GC-FLD</td>
</tr>
</tbody>
</table>
### Table I

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cabinet Type</th>
<th>Dimensions H&quot; x D&quot; x W&quot;</th>
<th>Approximate Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>GC-1</td>
<td>1-Cylinder</td>
<td>72 x 18 x 18</td>
<td>240</td>
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<tr>
<td>GC-2</td>
<td>2-Cylinder</td>
<td>72 x 18 x 24</td>
<td>285</td>
</tr>
<tr>
<td>GC-3</td>
<td>3-Cylinder</td>
<td>72 x 18 x 36</td>
<td>370</td>
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<tr>
<td>GC-4</td>
<td>4-Cylinder</td>
<td>72 x 18 x 48</td>
<td>390</td>
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</tbody>
</table>

Note: Custom cabinet sizes and colors are available.

**TOP VIEW**

**FRONT VIEW**

**INSIDE REAR VIEW**