



The Safety Equipment 3000 Series Compressed Gas Cabinets were designed to hold 2" diameter Lecture Bottles, Small Capacity Cylinders or use as a Valve Manifold Box. Constructed of high quality materials for long life and ease of use. Our compressed Gas Cabinets meet or exceed all existing code requirements worldwide. Custom features and cabinet configurations are available upon request. Safety Equipment has been supplying industries with compressed gas cabinets since 1979.

- Ideal for Lecture Bottles
- Accommodates Small Capacity Cylinders
- Extra heavy duty steel construction 12 gauge steel (0.105 inches), thicker than code requirement.
- One piece body construction for safety.
- All welded construction including hinges.
- Cabinet is ground smooth for clean room capability.
- Louver panel acts as pressure relief vent.
- Protective enclosure prevents accidentally hitting regulators, valves, and purge assemblies.
- Allows for toxic gas monitoring
- Access window

#### Construction

All cabinets are constructed using 12-gauge (.105-inches) thick steel. Sub-flooring is provided to eliminate rusting of the cabinets bottom. Adjustable cylinder brackets allow for precise fitting to pigtail. The cabinet door and clear fire-rated window will close and latch automatically. Welding is used whenever possible in order to achieve maximum strength and to aid in easy removal of components for repair and/or replacement. All fasteners used to mount components such as windows, door handles, purge assembly mounting panels and cylinder brackets are of stainless steel. Inside cabinet finish is smooth to maintain a clean environment and outside surface is slightly textured to maintain appearance.

#### Exhausting

The exhaust vent is located on top of cabinet. Louvers allow air to enter cabinet for exhausting. They are located on the lower part of the door, which provides

## Gas Cabinets

### 3000-Series Compressed Gas Cabinets for Lecture Bottles and Small Capacity Cylinders.

maximum coverage of airflow through cabinet. Back panel, which mounts valves, regulators, and purge assemblies is mounted to facilitate air flow behind panel for complete internal cabinet exhausting.

#### Safety and Monitoring

Cylinders, valves and purge assemblies are isolated from accidental contact, vandals, and other assemblies, thus avoiding leaks. Cylinder brackets will hold cylinders in the event of a fire or earthquake. A filter can be mounted on the inside of the cabinet door behind the louvers, allowing for process protection by minimizing contamination from ambient air impurities.

Windows permit visual inspection and/or access into cabinet for adjustments while minimizing operators exposure to potential toxic leaks. Water sprinkler heads on ceiling of cabinet activate between 160°F and 165°F and are coated for protection from corrosive environments.



Safety Equipment Corporation

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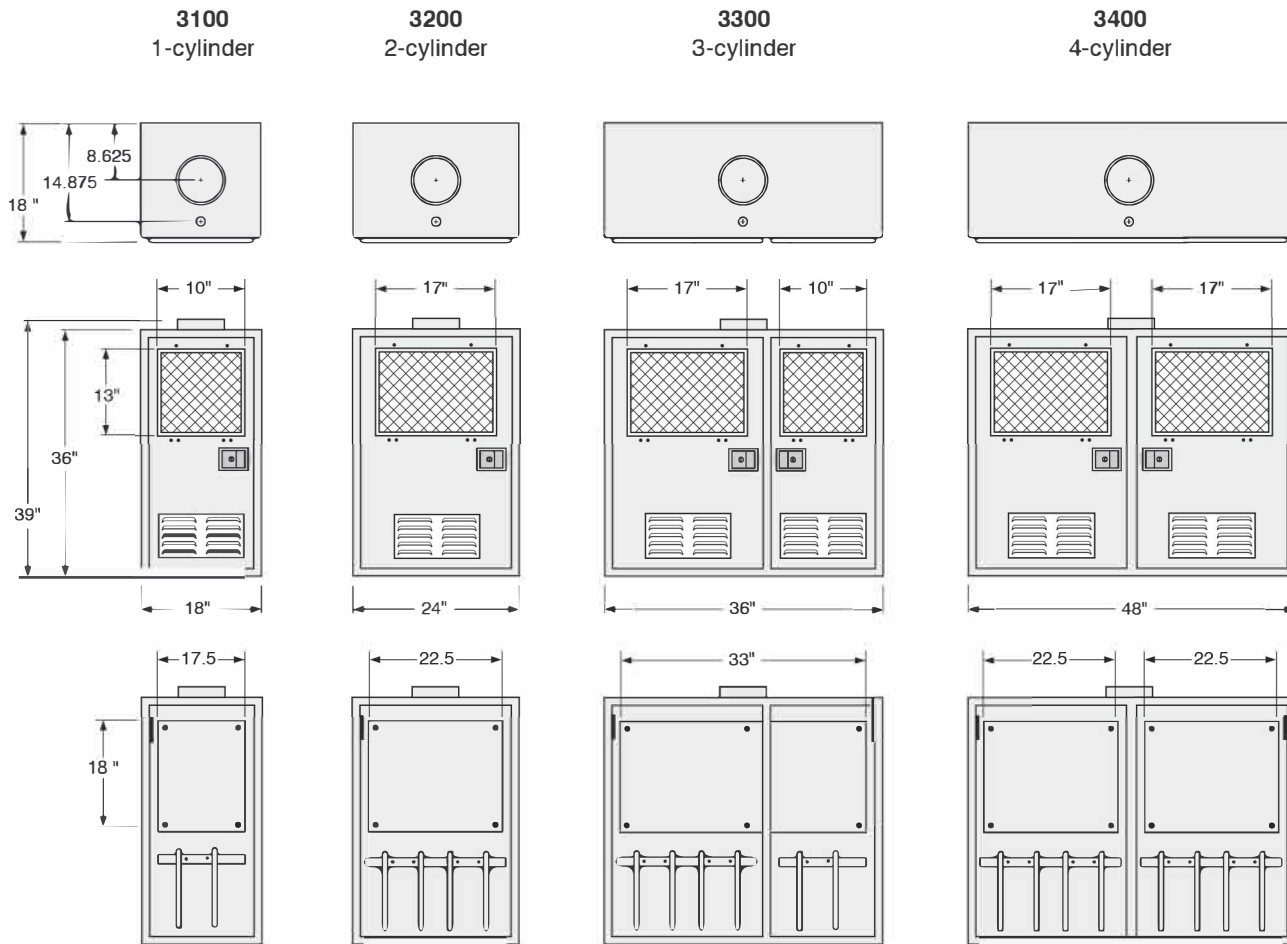
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**Gas Cabinet Models**  
(all dimensions in inches)



**Features:**

- All welded construction using 12-gauge steel, powder coated. Texture finish on outside, smooth finish on inside of cabinet.
- Exhaust vent located on top of cabinet is 6" diameter x 3" high.
- 165°F sprinkler head on top of cabinet is coated with bees wax.
- Removable white back panel mounts to inside rear cabinet.
- Cylinder brackets or lecture bottle brackets are adjustable for precise pig-tail alignment.
- Door and window will close and latch automatically.
- Window is 1/4" thick clear wire glass.
- Louvers at bottom of door.
- Flush mounted stainless steel paddle latch.
- All stainless steel fasteners.

**Options:**

- Keyed door latch
- Air intake filter
- Custom colors
- Wall mounting brackets
- Full-length back panel



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