GAS CABINETS FOR
INDUSTRIAL AND OUTDOOR
APPLICATIONS ARE AVAILABLE.
PLEASE CONTACT WESTERN
FOR CUSTOM-MADE CABINETS

Description
Gas cylinder cabinets are designed to provide a safe and cost effective way to isolate hazardous gas cylinders from the surrounding workplace. The cabinets are available in a single, dual, triple, or four-cylinder configuration. They encourage separation of gases according to their classification, satisfying both building and fires codes. The cabinet exhaust vent is designed to be coupled with a fan (supplied by others) to provide a local exhaust. The GCC series gas cylinder cabinets are designed for indoor applications.

Standard Features
- Sturdy all-welded construction using 12-gauge steel provides extra structural strength
- Polyurethane paint with a choice of colour
- Flat top design with exhaust vent
- Neoprene gaskets fit snugly around door to ensure a positive seal
- Low profile one-inch re-inforced threshold makes cylinder installation and removal easy
- Flush mounted, paddle type, lockable door latch
- Double re-inforced safety glass for extra safety against fire and impact
- Adjustable cylinder bracket(s) with chain accommodates a wide range of cylinder sizes and secures cylinders from toppling
- Removable white back panel on inside rear of cabinet can be used to mount the gas delivery system.
- Modular Unistrut support makes installation of gas control panels, cylinder supports easy

Optional Features
- Choice of five gas delivery control panels
- Automatic switchover manifolds
- Semi-automatic switchover manifold
- Integral fire sprinkler head
- Gas detection equipment and automatic shut-off controls
GAS CABINETS FOR INDOOR INSTALLATIONS
GCC SERIES TECHNICAL SPECIFICATIONS

Dimensions:

**FRONT VIEW** (Single-Cylinder Cabinet)
- EXHAUST VENT
- RE-INFORCED SAFETY GLASS
- KEYED DOOR LATCH, FLUSH MOUNTED, PADDLE TYPE
- STAINLESS STEEL PIANO HINGE
- LOUVERED AIR INTAKE PANEL

**FRONT VIEW** (Two-Cylinder Cabinet)
- VENT 3/8” COMPRESSION TUBE CONNECTION STAINLESS STEEL POINT IN GAS CABINET.

**SIDE VIEW** (All Cabinets)
- VENTILATION
  - 6” DIA. DUCT CONNECTION TO DEDICATED GAS SERVICE EXHAUST SYSTEM. A FLOW RATE OF 300 CFM @ .65” W.G. STATIC PRESSURE 13 AIR CHANGES PER MINUTE (WHICHEVER IS THE SMALLEST) THROUGH A 6” DIA. GALVANIZED OR STAINLESS STEEL DUCT TO BE SUPPLIED BY OTHERS. SEE NOTE 2.

**PRODUCT SPECIFICATIONS**

CABINET
1) WINDOW: DOUBLE RE-INFORCED SAFETY GLASS
2) LATCH: FLUSH MOUNTED, PADDLE TYPE, LOCKABLE WITH KEY
3) COLOR: BEIGE STANDARD OR OTHER OPTIONAL COLOUR
4) SURFACE FINISH: INSIDE AND OUTSIDE SMOOTH
5) MATERIAL OF CONSTRUCTION: ALL-WELDED 12-GAUGE STEEL

OPTIONAL SPRINKLER
1) FUSE RATING: 135°F FARENHEIT
2) WATER FLOW CAPACITY: 35 CPM AT 40 PSI

**SERVICE REQUIREMENTS**

VENTILATION
- ED
  - 6” DIA. DUCT CONNECTION TO DEDICATED GAS SERVICE EXHAUST SYSTEM. A FLOW RATE OF 300 CFM @ .65” W.G. STATIC PRESSURE 13 AIR CHANGES PER MINUTE (WHICHEVER IS THE SMALLEST) THROUGH A 6” DIA. GALVANIZED OR STAINLESS STEEL DUCT TO BE SUPPLIED BY OTHERS. SEE NOTE 2.

PIPING
- G
  - GAS USE 1/4” COMPRESSION TUBE CONNECTION STAINLESS STEEL POINT IN GAS CABINET.
- V
  - VENT 3/8” COMPRESSION TUBE CONNECTION STAINLESS STEEL POINT IN GAS CABINET.

OPTION - ELECTRICAL
- K1
  - ACCESS HOLE FOR 1/2” CONDUIT. SIX 14 AWG, 120 V WIRES IN CONDUIT FROM GAS CABINET TO PERIPHERAL ELECTRICAL DEVICES. WIRES AND CONDUIT TO BE SUPPLIED BY OTHERS. INSTALLER CAN RELOCATE TO OPPOSITE SIDE OF CABINET IF REQUIRED.

OPTION - SPRINKLER
- SK
  - WATER INLET IS 1/2” FNPT STAINLESS STEEL CONDUIT. SEE NOTES FOR WATER REQUIREMENTS.

**NOTICE WORK BY OTHERS**

SAFE AND EFFICIENT OPERATION OF THIS PRODUCT IS DEPENDENT UPON THE OWNER/USER OR HIS CONTRACTORS PROVIDING THE SERVICES SPECIFIED HEREIN AS WELL AS ANY OTHER NORMALLY ACCEPTED ELECTRICAL, MECHANICAL OR PLUMBING INTERFACE BETWEEN THE USER’S SUPPLY AND THIS PRODUCT.

WESTERN WILL NOT ASSUME RESPONSIBILITY FOR PROBLEMS THAT RESULT FROM NON-COMPLIANCE WITH THESE CONDITIONS.
### GAS CABINETS FOR INDOOR INSTALLATIONS

#### GCC SERIES TECHNICAL SPECIFICATIONS

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**How To Order - Part Number Matrix**

<table>
<thead>
<tr>
<th>BASIC SERIES</th>
<th>GCC</th>
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</thead>
<tbody>
<tr>
<td>QUANTITY OF CYLINDERS</td>
<td></td>
</tr>
<tr>
<td>1 - Single-cylinder cabinet</td>
<td></td>
</tr>
<tr>
<td>2 - Two-cylinder gas cabinet</td>
<td></td>
</tr>
<tr>
<td>3 - Three-cylinder gas cabinet</td>
<td></td>
</tr>
<tr>
<td>4 - Four-cylinder gas cabinet</td>
<td></td>
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</tbody>
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**LEFT DOOR HINGE SIDE**

LDR - Left door - hinge to the right
LDL - Left door - hinge to the left

**RIGHT DOOR HINGE SIDE**

RDR - Right door - hinge to the right
RDL - Right door - hinge to the left

**DOOR CLOSER**

DC - Door closer (Leave blank if not required)

**COLOUR**

AL - Aluminium construction
BG - Beige
WH - White
GR - Grey
SS - Stainless steel construction
BK - Black
CC - Custom Colour

**SPRINKLER**

SK - With sprinkler
Leave blank if not required

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**Distributed By:**

**Med-Tech Gases, Inc.**

1-800-FINE-GAS (346-3427)

www.medtechgases.com
POSITION, LEVEL AND SECURE THE GAS CABINET TO THE FLOOR OR THE WALL WITH FOUR 1/2" (M12) DIA. BOLTS SUPPLIED BY OTHERS. FOR SEISMIC ANCHORING REQUIREMENTS, WORST CASE CG LOCATION AND WORST CASE WEIGHT, REFER TO WESTERN FOR DETAILS.

A 6" DIAMETER DUCT WITH AN AIRFLOW SWITCH INSTALLED IN IT IS RECOMMENDED (TO BE SUPPLIED BY OTHERS). FOR PROPER OPERATION THIS ASSEMBLY MUST BE INSTALLED ANYWHERE BETWEEN THE CABINET EXHAUST DUCT AND THE DEDICATED EXHAUST VENTILATION SUPPLY.

IT IS THE CUSTOMER’S RESPONSIBILITY TO PROVIDE VENTILATION FOR THE REMOVAL OF GAS WHICH MAY ESCAPE FOR GAS SERVICE PROCESSING EQUIPMENT. EVERY AREA HAS ITS OWN REQUIREMENTS AND A VENTILATION ENGINEER SHOULD BE CONSULTED.

THE DOOR CAN BE HINGED TO THE LEFT SIDE OR THE RIGHT SIDE OF THE CABINET AT TIME OF PLACING THE ORDER.

1) ALL DIMENSIONS GIVEN ARE FROM FINISHED SURFACES.
2) DIMENSIONS ARE INCHES