

# CO & EXPLOSIVE GAS COMBO ALARM

# First Alert®

CAT. **GC01B**



## 3-WAY PROTECTION

Three sensors in one alarm: carbon monoxide, propane gas and natural/methane gas.

## ELECTROCHEMICAL CO SENSOR

Most accurate technology available for detecting carbon monoxide as compared to other sensing technologies.

## EZ VIEW BACKLIT DIGITAL DISPLAY

## TWO SILENCE FEATURES

Silences low battery chirp for up to eight hours or silence nuisance alarm for several minutes.

## END OF LIFE SIGNAL

Provides audible and visual notice when alarm needs to be replaced.

## 9V BATTERY BACKUP

Alkaline battery backup

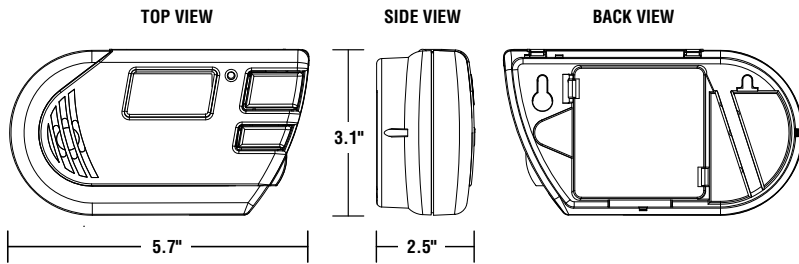
## 120V AC, 60Hz Plug-in with 9V Battery Backup

First Alert Model GC01 is a 120V AC plug-in with battery back-up single station carbon monoxide and explosive gas (propane and natural/methane) combination alarm specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories, and other multifamily dwellings as defined in standard NFPA 101. Model GC01 has been fully tested and complies with, UL1484, UL2034 and other agencies that model their codes after the above agencies. It meets building codes where 120V AC plug-in digital display with battery back-up carbon monoxide and explosive gas combination alarms are required.

First Alert Model GC01 is a state of the art carbon monoxide and explosive gas combination alarm designed to provide early warning of a carbon monoxide, propane or methane gas danger. It features an advanced electrochemical CO sensor and a metal oxide explosive gas sensor with an EZ view backlit digital display. It plugs in easily into any standard 120V AC outlet. The line cord allows for convenient mounting options where methane requires unit to be mounted up high and propane should be mounted low. Carbon monoxide mounting location is not height sensitive as CO disperses evenly throughout the house. The peak level function allows for easy viewing of highest gas levels detected. It has a 9V alkaline battery backup, an End of Life feature and single button test/silence. This alarm has two silence features. Low Battery Silence: Temporarily silence the low battery chirp for up to eight hours. Alarm Silence: Silence alarm for several minutes. The End of Life timer provides audible and visual notice when alarm needs to be replaced. Battery installation and removal can occur while the unit is mounted to the wall or plugged into the electrical outlet via the swing up battery cover. Includes mounting anchors and screws.



# CAT. GCO1B



## TECHNICAL SPECS

Alarm Dimensions:	3.1"H x 5.7"L x 2.5"D
Weight:	9.6 oz.
Operating Voltage:	120V AC with 9V Alkaline Battery Backup
Temperature Range:	40°F (4°C) to 100°F (38°C)
Humidity Range:	10% to 95% relative humidity (RH)
Audio Alarm:	85dB at 10 feet
Test/Silence:	Electronically simulates both explosive gas and CO conditions, causing the unit to alarm or temporarily silence the alarm Press and hold test/silence button
Alarm Reset:	Automatic when explosive gas and/or CO clears
CO Sensor:	Electrochemical
Gas Sensor:	Thick film metal oxide
Indicator Lights/Sounds:	AC Power: Constant green light DC Power: Intermittent green light Gas Alarm: Audio Alarm (continuous beeps), rapidly flashing green light CO Alarm: Audio Alarm (4 beeps, pause, 4 beeps), rapidly flashing green light
Digital Display:	Displays hazard (Gas or CO), battery level or CO levels in parts per million (PPM)
Listing:	Listed to UL1484 and 2034 Standards

## ARCHITECTURAL AND ENGINEERING SPEC

The explosive gas/CO combination alarm shall be a First Alert Model GCO1 and shall provide at a minimum the following features and functions:

1. An electrochemical CO sensor and a metal oxide explosive gas sensor.
2. The unit shall have a digital display with peak CO memory feature.
3. The unit shall be capable of self restoring.
4. The unit shall have an "End of Life" signal. This signal should be capable of temporarily being silenced for up to 2 days. After about 2 days, the signal will resume. After about 2-3 weeks the signal cannot be silenced.
5. 120V AC powered with a 9V alkaline battery backup and a solid state piezo horn rated at 85dB at 10 ft.
6. The CO sensor is adjusted not to detect CO levels below 30 PPM and will not alarm when exposed to constant levels of 30 PPM for 30 days. It will alarm at the following levels: 400 PPM CO between 4 and 15 minutes, 150 PPM CO between 10 and 50 minutes and 70 PPM CO between 60 and 240 minutes.
7. A visual green LED power-on indicator to confirm unit is receiving power. A visual red indicator to show unit is in alarm.
8. A full function test button should check all alarm functions by simulating an explosive gas and CO condition, causing the unit to alarm.
9. Two Silence features - Low Battery Silence: Silence low battery chirp for up to 8 hours. Alarm Silence: Temporarily silence unwanted nuisance alarms.
10. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 95%.
11. The unit shall contain mounting hardware and shall be listed for wall mounting.
12. The unit shall at a minimum meet the requirements of UL1484, UL2034, NFPA 720, ICC.

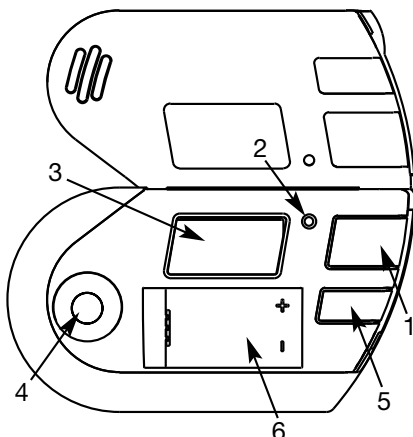
## SHIPPING SPECS:

Individual Carton Dimensions	5.813 "L x 2.938"W x 3.438"H
Weight	0.69lbs.
Cube	0.034 ft3
UPC	0 29054 00045 3
Master Carton Dimensions	9.125"L x 7.125"W x 6.313"H
Master Pack	6
Weight	4.35lbs.
Cube	0.238 ft3
I2 of 5	600 29054 00045 5
Pallet Information	
Cases per Layer	27
Number of Layers	7
Cases per Pallet	189
Units per Pallet	1,134
Cube	55.2 ft3
Weight	887 lbs.

## INSTALLATION OF ALARM

Installation of this alarm must conform to NFPA 720. Always check your local building codes. Follow all instructions for placement as outlined in the user's manual.

### THE PARTS OF THIS GAS/CO ALARM



1. Test/Silence button
2. Power Light (GREEN)
3. Display
4. Alarm Horn (behind cover)
5. Display Button: Press to recall highest CO level recorded.
6. 9V Battery compartment



©2009 BRK Brands, Inc. a Jarden Corporation  
Company (NYSE: JAH)  
3901 Liberty Street Road  
Aurora, IL 60504-8122  
All rights reserved

First Alert is a registered trademark of the First Alert Trust  
BRK is a registered trademark of BRK Brands, Inc.  
CM2943