

CO2METER REMOTE SAFETY ALARMS

ENSURING A SAFE WORKING ENVIRONMENT

RAD-0102-6 3 Alarm System

- 5% CO₂ & Temperature Monitor
- Wired Remote Display/Alarm
- 3 Relays with Adjustable Alarms
- Strobe Lights Available as Add-on

The CO₂ Storage Safety Alarm is designed to protect people who work near carbon dioxide stored in closets or confined spaces. At high levels, CO₂ can result in problems ranging from headaches and fatigue to asphyxiation and even death.

CO₂ alarms are critical and may be required in breweries, wineries, beverage dispensing areas, restaurants, fast food establishments, dry ice storage, CO₂ storage tanks, laboratories, or anywhere CO₂ is stored or produced in high volume.

The CO₂ Storage Safety Alarm has both an audible alarm and flashing visual indicator when CO₂ concentrations reach a pre-set level. Three built-in relays can be used to control ventilation, your HVAC system, or even be wired to an alarm panel to notify your alarm company or the fire department.

Best of all, the CO₂ Storage Safety Alarm is easy to install and use. Simply mount both units on the wall (all cables and hardware included), plug the display unit into a standard wall jack, and the alarm is ready to protect you, your customers and employees.

RAD-0102-6 Product Advantages

- Sensor connects with Remote Display Unit up to 300 ft (91 m) away. 26 ft (8 m) cable included.
- Up to 3 Remote Display Units can be daisy chained to allow warnings at multiple locations.
- Large digital LCD display clearly indicates the current CO₂ level and temperature.
- Relay outputs can automatically control a fan or blower to ventilate confined spaces.
- 80dB Audible and visual alarm. Optional Strobe Add-ons.
- IP65 enclosure is splash proof.
- Field configurable for additional strobes.



RAD-0102-6 Specifications

- Sensors:
 - 0-5% (50,000 ppm) NDIR CO₂
 - Built-in altitude compensation
 - Temperature
- Alarm & Relay Default Set Points:
 - 1st Alarm: 5,000 ppm TWA
 - 2nd Alarm: 1.5% CO₂
 - 3rd Alarm: 3% CO₂
- Measurement Interval: every 2 seconds
- Operating Temperature: 0°-50°C (32°-122°F)
- Calibration: Manual calibration with test gas
- Sensor Life Expectancy: 10-15 years
- Power Options:
 - 110-220VAC
 - 24VDC
 - 6VDC battery backup

Part no. RAD-0102-6

Optional: CM-0126 – 2 Strobes Add-on

Your Local Representative



© 2018 Chart Inc.

Chart Inc.
U.S.: 1-800-400-4683
Worldwide: 1-952-758-4484
www.chartbeverage.com

P/N 21184696