

# Remote CO2 Storage Safety 3 Alarm

- **5% CO2 & Temperature Monitor**
- **Wired Remote Display/Alarm**
- **3 Relays with Adjustable Alarms**

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 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. 3 built-in relays can be used to control a ventilation fan and 4-20mA outputs can interface with an HVAC system to notify maintenance staff off-site of high CO2 levels.

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 your customers and employees.

## Features

- Sensor connects with Remote Display Unit up to 300ft. (91m) away. 26ft (8m) 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 blowers to ventilate confined spaces
- 80dB Audible and visual alarm. Optional Strobe Add-ons.
- IP65 Case may be washed down



## Specifications

- Sensors:
  - 0-5% (50,000ppm) NDIR CO2
  - Barometric altitude compensation
  - Temperature
- Alarm & Relay Default Set Points:
  - 1<sup>st</sup> Alarm: 5,000ppm TWA
  - 2<sup>nd</sup> Alarm: 1.5% CO2
  - 3<sup>rd</sup> Alarm: 3% CO2
- Alarm Response Time: < 60 seconds
- Operating Temperature: 0-50°C (32-122°F)
- Calibration: Manual calibration with test gas
- CO2 Sensor Life Expectancy: 15 years
- Power Options:
  - 110-220VAC
  - 24VDC
  - 6VDC battery backup

**Part no. RAD-0102-6**

**Optional CM-0126 - 2 Strobes Add-on**