

CO₂ MONITORING SYSTEMS

ENSURING A SAFE WORKING ENVIRONMENT

Bulk CO₂ Systems



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BREW PUBS

CO₂ Monitoring Systems are 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 Ax60+ CO₂ Monitor by Analox is a wall-mountable gas safety device for monitoring oxygen and carbon dioxide. Based on the popular Ax60 CO₂ detector, the new Ax60+ can also be supplied with O₂ sensor modules which provides an early warning of both oxygen depletion and oxygen enrichment. The CO₂ and O₂ sensors are interchangeable and can be fully integrated as part of a multi-point, multi-gas detection and alarm system. Warnings are announced by high-visibility strobe lights and high-volume sounders.

The RAD-0102 and RAD-0102-6 CO₂ Storage Safety Alarms by CO2Meter have an audible alarm and flashing visual indicators when CO₂ concentrations reach a pre-set level. Two built-in relays (RAD-0102) or three built-in relays (RAD-0102-6) can be used to control a ventilation fan and an HVAC control alarm to notify maintenance staff off-site of high CO₂ levels.



Ax60+* Product Advantages

- Multi-point, multi-gas, distributed monitoring system
- Central display unit for remote operation and control
- 4-channel flexibility allowing any fixed sensor combination, up to 4 sensors & 8 alarms per central display
- User-configurable alarms, setpoints and relay outputs to control ventilation or other output
- Built-in software for operation and maintenance tasks

*Approved for McDonald's sites

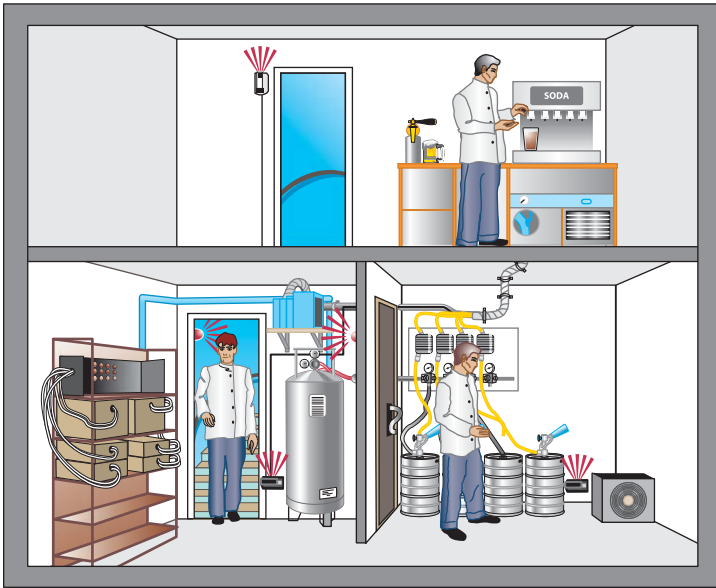


RAD-0102 & RAD-0102-6 Product Advantages

- Sensor connects with remote display unit using 26 ft (8 m) cable included
- Up to 3 remote display units (RAD-0102-6) 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

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Ax60+ OPTIONAL ACCESSORIES

- Quick connect or hard wired versions
- Additional CO₂ sensors & alarms
- Sensor protective guard
- Sensor splash guard
- Managers office beacon
- Junction box mounting kit

CO2Meter OPTIONAL ACCESSORIES

Part no. RAD-0102:
 RAD-0103 - 2nd Remote Display
 RAD-0102-24VDC - 24V Power
Part no. RAD-0102-6:
 CM-0126 - 2 Strobes Add-on

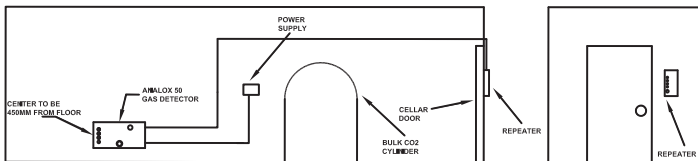
Ax60+ TECHNICAL SPECIFICATIONS

CO ₂ Range	:	0.1% to 5%
O ₂ Range	:	0.1% to 25%
CO ₂ Alarm Setpoints	:	.5% (8 hr TWA), 1.5%, 3%
Alarm Response Time	:	(T90) <30 seconds
Operating Temperature	:	-5° to 50°C (23° to 122°F)
Dual Alarms Visual	:	Alarm 1 & 2 visual red
And Audio	:	Fault Visual Amber
Power	:	110/240 VAC or 9-24VDC
Dimensions	:	6.9 x 4.3 x 3.0 in. (WxHxD)
Central Display Protection:	:	IP54
Alarm/Sensor Protection:	:	IP55
Warranty	:	5 years

CO2Meter TECHNICAL SPECIFICATIONS

CO ₂ Range	:	0% to 5% (50,000 ppm)
CO ₂ Alarm Setpoints	:	RAD-0102: 1.5%, 3%
	:	RAD-0102-6: 5,000 ppm TWA, 1.5%, 3%
Alarm Response Time	:	<60 seconds
Operating Temperature	:	0° to 50°C (32° to 122°F)
Power	:	110V to 220VAC (Optional 24VDC) RAD-0102-6 also offers optional 6VDC battery backup
Dimensions	:	RAD-0102: 6.7 x 4.9 x 2.5 in. (WxHxD) RAD-0102-6: 4.9 x 6.7 x 2.7 in. (WxHxD)
Sensor/Display Protection:	:	IP65
Warranty	:	1 year

INSTALLATION



Mount the sensor unit 18 in. (450 mm) from floor level, as close to the tank as possible. The repeater/remote display unit should be installed at eye level outside the entrance door to allow you to confirm the lights are flashing before you enter.

Your Local Representative



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