

Ax60K

CO2 Safety Monitor designed specifically for the hospitality industry



The Ax60K is a CO2 monitor and alarm specifically designed by Analox to alert personnel of a build-up of CO2 in a small space or kiosk using a state-of-the-art infrared sensor.

Carbon dioxide (CO2) is stored and used in fast food kiosks for the carbonation and dispense of beverages. CO2 is a toxic gas that is colourless and odourless and not detected by human senses. Relatively small volumes can cause serious health risks to employees if it were to leak and build up in a confined space. There is a danger to health wherever pressurised or concentrated CO2 is stored or used.

The alarm provides both audio and visual alerts in the case of increased levels of CO2. Extra alarms can be added as needed if there are several points of detection.

The best part? The unit does not require periodic calibration saving you money and ensuring ease in management.

The sensor should be installed at around 450mm / 18inches above the floor as CO2 is heavier than air and can pool at low levels.

The alarm should be located above the sensor at around working head height (between 1800mm and 1950mm – 70 and 76 inches) or at the entrance to the kiosk to warn personnel of the CO2 status before entering the confined space.

KEY FEATURES

- Low maintenance
- Quick Connect System
- Pre-wired, ready to go
- Can support up to 4 alarm units
- Push button for unit testing
- Provides safety and security in a small package
- The CO2 alarm has a high-visibility flashing strobe light and a high volume sounder
- The power supply unit (PSU) supplies 24V DC power to the CO2 sensor



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SENSOR SPECIFICATIONS



CO2 Sensor

Size	17.1 x 17 x 4.6 cm / 2.8 x 6.7 x 1.8 in.
Gas Detected	Carbon Dioxide (CO2)
Measurement technique	Infrared
Range	0.1% to 5%
Alarm Set points	0.5% (8 hr TWA), 1.5%, 3.0%
Warm up time	40 seconds
Resolution	0.01%
Accuracy	±2.5% of the alarm levels

Response time 30 seconds to T90

IP Rating **IP55**

LED Indicators Green = Power

CO2 Alarm

Strobe White LED strobe – 100cd (Optional red or blue filter)

Sounder Min 80 dBA @ 3m (9.8ft)

IP Rating IP55

LED Indicators Green = Power, Amber = Fault

Cable 2m included

Part no.



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