

# Ax60+ CO<sub>2</sub>

by **ANALOX**

Carbon Dioxide Sensor



**The Ax60+ CO<sub>2</sub> is a carbon dioxide sensor suitable for multiple industries such as Beverage, Hospitality, Laboratories, Medical, Construction and the Green energy sector.** This wide range of industries makes it the perfect system for any business.

Powered by our proprietary NDIR (non-dispersive infrared) sensor technology, the Ax60+ CO<sub>2</sub> ensures precision in CO<sub>2</sub> monitoring.

With a 5-year warranty for the sensor and electronics, the Ax60+ CO<sub>2</sub> provides many industries with a dependable high-performance solution, safeguarding staff from potential CO<sub>2</sub> exposure risks.

## Features

- Proprietary NDIR infrared CO<sub>2</sub> sensor with 40 second warmup time
- Measurement range of 0-5% CO<sub>2</sub>
- Modular system supports 1-4 sensors and up to 4 alarm units per sensor
- 5 year warranty on sensors and electronics
- Available as quick connect plug and direct connect
- Durable IP55 rated water-resistant enclosures
- 24V power supply versions available for low voltage operation

## Industries

The Ax60+ CO<sub>2</sub> sensor is perfect for any industry that stores or uses CO<sub>2</sub>, including dry ice.



Hospitality



Beverage



Laboratories



Medical



Construction

## Benefits

- Ready to install - straight from the box
- Proprietary NDIR CO<sub>2</sub> sensor technology provides accurate measurement with minimal maintenance ensures lasting performance
- Preconfigured alarm setpoints to meet all state and local fire/building codes and regulations out of the box
- Modular and flexible system scales from small to large applications
- Retrofits with existing Ax60+ safety systems for consolidated monitoring
- Alarm set points can be changed by the user if there is a change in legislation
- 5-year warranty on sensor and electronics for true peace of mind
- Ensures staff safety by monitoring CO<sub>2</sub> and triggering audible/visual alarms

Your Challenge, **Our Passion**

Speak to **our team today** UK/Global: +44 (0)1642 711 400  
US Office: (714) 891 4478  
US Toll Free: (877) 723 3247

# Ax60+ CO<sub>2</sub>

## Tech Spec

Gas detected	Carbon Dioxide (CO <sub>2</sub> )
Sensor technology	Nondispersive Infrared
Range	0% to 5% (0-50,000ppm)
Default Alarm set points	<b>USA regulations (OSHA, NBIC, NFPA and IFC):</b> TWA - 5,000ppm (0.5%) AL1 - 5,000ppm (0.5%) AL2 - 15,000ppm (1.5%) AL3 - 30,000ppm (3%)  <b>International/European regulations (EH40):</b> TWA - 5,000ppm (0.5%) AL1 - 15,000ppm (1.5%) CO <sub>2</sub> - 30,000ppm (3%)
Legislation Met	In the US: OSHA, NBIC, NFPA and IFC standards. In Europe: EH40 standard.  The Ax60+ is also certified by UL, C and UKCA
Warm up time	40 Seconds
Response Time	(T90) <30 seconds
IP Rating	IP55
Dimensions	W: 3" / 72mm H: 5.1" / 132mm D: 2" / 52mm
Accuracy	Min 0% of alarm setpoint Max 5% of alarm setpoint
Temperature Sensitivity	50ppm/°C
Operating Temperature	-5°C to +50°C
LED indicators	Green = Power Red = Alarm
Warranty	5 years for both sensor and electronics

## Ax60+ Modular System

The Ax60+ CO<sub>2</sub> modular system requires a **Central Display Unit**, a **sensor** and an **alarm**.

If your business or plans are poised for growth, the Ax60+ modular system presents an ideal expansion solution for your setup. Here are the extra units you can choose;

- **Alarm units** available with multiple color strobe colors and 80+ dBA sounder (add up to 8 alarms per Central Display Unit)
- Choose **extra sensors** to fit your needs:
  - O<sub>2</sub> sensor (requires alarm unit)
  - CO Sensor (requires alarm unit)
  - Cultivate CO<sub>2</sub> (Agriculture specific sensor)
- Connect to your **Building Management System (BMS)** with the **Data Output Module (DOM)** for live, remote readings
- **Built-in relays** activate ventilation or gas shut-off using the Solenoid Valve which automatically turns off the CO<sub>2</sub> supply in alarm conditions

For more information please visit the [Ax60+ Page](#).



You can call us

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