

Ax60+ CO₂

by **ANALOX**

Carbon Dioxide Sensor



The Ax60+ CO₂ 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+ CO₂ ensures precision in CO₂ monitoring.

With a 5-year warranty for the sensor and electronics, the Ax60+ CO₂ provides many industries with a dependable high-performance solution, safeguarding staff from potential CO₂ exposure risks.

Features

- Proprietary NDIR infrared CO₂ sensor with 40 second warmup time
- Measurement range of 0-5% CO₂
- 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+ CO₂ sensor is perfect for any industry that stores or uses CO₂, including dry ice.



Hospitality



Beverage



Laboratories



Medical



Construction

Benefits

- Ready to install - straight from the box
- Proprietary NDIR CO₂ 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 CO₂ 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+ CO₂

Tech Spec

Gas detected	Carbon Dioxide (CO ₂)
Sensor technology	Nondispersive Infrared
Range	0% to 5% (0-50,000ppm)
Default Alarm set points	USA regulations (OSHA, NBIC, NFPA and IFC): TWA - 5,000ppm (0.5%) AL1 - 5,000ppm (0.5%) AL2 - 15,000ppm (1.5%) AL3 - 30,000ppm (3%) International/European regulations (EH40): TWA - 5,000ppm (0.5%) AL1 - 15,000ppm (1.5%) CO ₂ - 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+ CO₂ 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:
 - O₂ sensor (requires alarm unit)
 - CO Sensor (requires alarm unit)
 - Cultivate CO₂ (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 CO₂ supply in alarm conditions

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



You can call us

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You can email us

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