

# Ax60K



## CO<sub>2</sub> Safety Monitor



### KEY FEATURES

- Low maintenance
- Quick Connect System
- Pre-wired, ready to go
- Can support up to 4 alarm units
- Push button for unit testing

### Why?

Carbon dioxide (CO<sub>2</sub>) is stored and used in fast food kiosks for the carbonation/dispense of beverages. CO<sub>2</sub> is a toxic gas and relatively small volumes can cause serious health risks to employees if it were to leak/build up in the confines of a kiosk.

### What?

The Ax60K is a CO<sub>2</sub> monitor and alarm specifically designed by Analox to alert personnel of a build up of CO<sub>2</sub> in the kiosk using a state-of-the-art infrared sensor. The alarm provides both audio and visual alerts in the case of increased levels of CO<sub>2</sub>. Extra alarms can be added as needed and the unit does not need periodic calibration.

### Where?

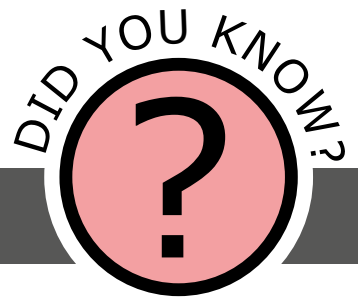
The sensor should be installed at around 450mm/18inches above the floor as CO<sub>2</sub> is heavier than air and can collect at low levels. The alarm should be located above the sensor at around working head height (between 1800mm and 1950mm - 70 and 76inches) or at the entrance to the kiosk to warn personnel of the CO<sub>2</sub> status before entering the confined space.

ANALOX RECOMMENDS

One CO<sub>2</sub> Alarm should be placed at working head height above the sensor and an additional CO<sub>2</sub> Alarm can be placed at the entrance as an early warning.

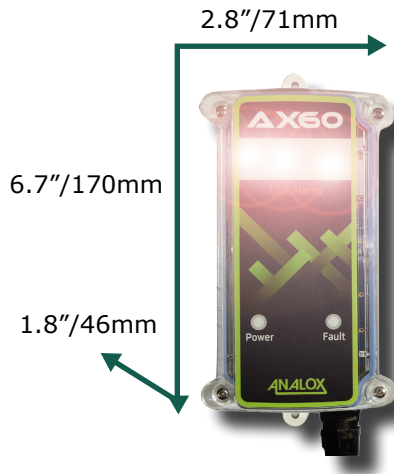
THE EXPERTS IN BEVERAGE  
& HOSPITALITY GAS SAFETY

**ANALOX**  
Sensor Technology



The Ax60K was designed specifically with fast food kiosks in mind.

## SPECIFICATIONS



### CO<sub>2</sub> Alarm

**Strobe** - white LED strobe > 100 cd (optional blue or red filter).

**Sounder** - min 80 dBA @3 m (9.8 feet).

**IP Rating** - IP55

**LED indicators** - Green = Power, Amber = Fault

**Cable** - 2m included



### CO<sub>2</sub> Sensor

**Gas detected** - carbon dioxide

**Measurement technique** - infrared

**Range** - 0.1% to 5%

**Alarm setpoints** - 0.5% (8 hour 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



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)1245 808399**

**Fax: +44 (0)1245 808399**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.