

MONOXIDE DETECTORS

AE/DOM-CO

Description

Microprocessed equipment for the detection of carbon monoxide (CO) in residential environments. Easy to install and maintain, they are powered by 3 included AA batteries.

It has: Luminous alarm indication, sound indication > 85dB at 3 meters, manual operation test button, fault signal in case of low battery or sensor fault.

Size: 125mm diameter x 35mm height.
They comply with the BS7860 standard.



Technical information

The AE / DOM-CO Carbon Monoxide Detector is manufactured to be capable of providing alarm sounds based on standards for various exposure times to different levels of carbon monoxide concentrations.

In accordance with the EN50291 and UL2034 standards and the carbon monoxide concentrations and standard exposure times for the alarms have already been established, which are specified below:

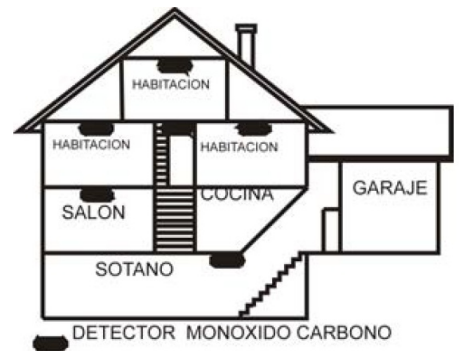
The alarm is activated in the following conditions:

- In less than 30 minutes for exposures of 150 ppm
- In less than 6 minutes for exposures of 350 ppm

Installation recommendations

As CO moves freely in the air, the best place for its installation is in the bedroom area of the house or in areas close to them. The human body is very vulnerable to the effects of CO gas during sleep hours.

For maximum protection, a CO detector should be located outside the main bedrooms of the home or on each level of the home. In the following figure, the locations within the house are suggested. The electronic sensor detects carbon monoxide, measures the concentration and triggers an alarm before a potentially harmful level is reached.



Do not place the detector in the following areas:

- (a) Where the temperature can drop below 4°C or exceed 50°C.
- (b) Near paint solvent fumes.
- (c) Within 1.5 meters of household appliances with a flame such as ovens, stoves and hearths.
- (d) In gas engine exhaust streams, vents, vents, or chimneys.
- (e) Near the exhaust pipe of an automobile. The gas sensor may be affected.

Factory setting

SW disconnected for EN50291- Default position

50 ppm 60 - 90 minutes

100 ppm 10 - 40 minutes

150 ppm in 3 minutes

SW connected for UL2034

70 ppm 60 - 240 minutes

150 ppm 10 - 50 minutes

400 ppm 4 - 15 minutes

Temperature: -10 °C to 50 °C

TECHNICAL CHARACTERISTICS	
Dimensions:	125mm diameter x 35mm height.
They comply with the standard.	EN50194 and UL2034
Audible alarm:	85dB
Light indications:	
STANDBY: Green LED blink every 60 seconds.	
ALARM: Red LED flashing and beep every 8 seconds.	
LOW BATTERY: Yellow LED blink and beep every 60 seconds.	
Malfunction:	Yellow LED blink 3 times and beep every 60 seconds.