

# Ei207D - Carbon Monoxide Alarm

**LCD Digital Display**  
**Powered by AAA batteries**

## Key Features

- Proven electrochemical sensor (10 year life)
- LCD display
- Pre-alarm indication gives warning of CO from as early as 10ppm
- Easy to fit twist-on base
- Test/Hush button
- Memory feature
- Integrated piezoelectric sounder
- 5 Year guarantee

## Product Description

The Ei207D is a battery powered Carbon Monoxide Alarm which contains a high performance, proven 10 year electrochemical sensor to detect the presence of toxic levels of Carbon Monoxide (CO). The sensor is individually calibrated and tested in Carbon Monoxide gas to ensure accuracy.



The LCD displays the level of CO in ppm, faults, status and recommended actions. The level of CO will start flashing on the LCD display as soon as the Alarm detects 10ppm. (CO levels are displayed up to 995ppm in 5ppm intervals)

When the Alarm detects potentially dangerous levels of CO, the red LED flashes and if the CO persists the alarm will sound. The rate of flashing of the red LED indicates the level of CO. The higher the level of CO detected, the sooner the alarm will sound.

The memory feature allows an Alarm that has previously activated to be easily identified (as the red LED will continue to flash for 24hrs after the event or afterwards when you press the Test button).

It self-checks its sensor, battery voltage and internal circuitry regularly. Any fault condition found will be indicated by a combination of yellow LED flashes and sound beeps.

The Alarm has an "End of Life" indicator (audible and visual) which will notify the user when the Alarm needs replacing at the end of its 10 year operational life.

It is supplied with a twist on mounting base which has multiple fixing points so it can easily be secured to a ceiling or wall. Free standing install is also possible.



## Technical Specification

<b>Sensor Type:</b>	Electrochemical
<b>Product life:</b>	10 years
<b>Supply Voltage:</b>	2 x AAA Alkaline batteries (user replaceable)
<b>Sound Level:</b>	85dB(A) at 3m
<b>Button Test:</b>	Checks sensor, electronics, battery and horn
<b>Silence function:</b>	Silences alarm for 4 minutes if CO level is <150ppm (once per alarm event)
<b>LCD indicators:</b>	CO level from 10ppm, recommended actions, Alarm status including faults
<b>Visual indicators:</b>	<b>Green LED</b> - Test <b>Red LED</b> - Pre-alarm, alarm (if coincides with horn sounding) , hush mode and memory <b>Yellow LED</b> - Fault
<b>Memory Feature:</b>	Records last alarm event
<b>End of Life:</b>	Audible and visual indicators (3 amber flashes and 3 beeps)
<b>Fixing:</b>	Screw Fixing and mounting plate supplied
<b>Normal Operating and Storage Temperature Range:</b>	-10°C to 40°C <sup>1</sup>
<b>Normal Operating and Storage Humidity Range:</b>	15 % to 95 % Relative Humidity (non-condensing)
<b>Dimensions:</b>	Product - 120mm x 40mm x 105mm Packaged - 120mm x 50mm x 135mm
<b>Weight:</b>	180g (Pack +40g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	



KM 86596  
 EN 50291-1:2010+A1:2012  
 EN 50291-2:2010

Manufactured to ISO 9001 quality standards  
 Specifications are subject to change

1. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.

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