Carbon Monoxide Alarm

Powered-for-Life Lithium Battery

- Proven electrochemical sensor (7 year operational life).
- Powered-for-Life sealed lithium battery.
- End of life indication.
- Easy to use large Test/Hush button.
- Pre-alarm indication gives early warning of CO.
- Loud distinct alarm sound (85 dB(A) minimum at 3m).
- Memory feature indicates if CO has been previously detected.
- Power, alarm and fault indicator lights.
- 5 Year guarantee (limited).

CE

BS EN 50291:2010

Product Description

The Ei208 Carbon Monoxide (CO) alarm is supplied with a powered-for-life sealed lithium battery.

The alarm has a high performance, proven electrochemical sensor to sense CO presence. The sensor is individually calibrated and tested in Carbon Monoxide (CO) gas to ensure accuracy.

The memory feature records the last CO alarm level and can be useful to check if CO has been present while the home owner or tenant was absent from the property.

An easy to use Test/Hush button allows the user to check the alarm. This checks all aspects of the alarm (sensor, electronics, battery and sounder).
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The alarm has an "End of Life" indicator which will notify the user when the alarm needs replacing at the end of its 7 year operational life.

The alarm has a twist on mounting base which has multiple fixing points so it can easily be secured to a ceiling or wall. The fixing screws are supplied with the alarm

While it is always best to fix the alarm position, it is also designed for desktop and table mounting. This makes the alarm portable for use in holiday homes and for frequent travelers.

Operation

- When toxic levels of Carbon Monoxide are detected, the alarm will sound and the red alarm light will flash as detailed below:

CO Level	Red Led	Horn
< 43 ppm	Off	Off
43 to 80 ppm	1 flash every 2 seconds	On after 60 - 90 mins
80 to 150 ppm	1 flash every second	On after 10 - 40 mins
>150 ppm	2 flashes every second	On within 2 minutes

- The alarm will automatically clear when CO gas clears.

- An 'End of Life', sensor failure or low battery condition will be notified by visual and audible indicators.

- Test/Hush button operation:

  o When 'pressed and held' it will perform a test of the sensor, electronics, battery and sounder.

  o When 'pressed briefly' it will Hush (silence) the sounding alarm.

  o As a safety feature the Hush (silence) button will not work if the CO level detected is greater than 150ppm.

Made
in Ireland

Technical Specification

Sensor	Proven Electrochemical, 100% calibrated and tested with CO gas to ensure accuracy. CO level is checked every 4 seconds.	Indicator Lights: • **Power-up & Test** • **Alarm** • **Fault** • **Test / Diagnostic**	Green light Red light Amber Light Red, Amber & Green Lights
Sensitivity	Meets BS EN 50291:2010.	**Button Test**	Checks the electronics, battery, horn and sensor
CE Mark	BS EN 50270:2006 (EMC) BS EN 60335-1:2002 (Safety)	**Memory Feature**	Records if a previous alarm threshold has been exceeded
Kitemark	BS EN 50291:2010	**Fixing**	Screw fixing & free standing
Supply Voltage	Powered-for-life sealed lithium battery.	**Product Dimensions**	120 x 105 x 45 mm
Alarm Horn	Piezoelectric	**Package Dimensions**	122 x 135 x 50 mm
Sound Output	85dB(A) at 3m. Modulated sound gives 3 rapid pulses followed by a ½ second pause.	**Weight**	180g
Temperature Range	-10°C to 40°C		
Relative Humidity	15% to 95% non condensing		

Product Family

Model Number	Description
Ei207	Stand alone with replaceable AAA Batteries
Ei207D	Stand alone with replaceable AAA Batteries and LCD Display
Ei208	Powered for Life sealed Lithium Battery
Ei208W	Powered for Life sealed Lithium Battery and optional RadioLINK upgrade
Ei208DW	Powered for Life sealed Lithium Battery, LCD Display and optional RadioLINK upgrade
Ei208WRF	Powered for Life sealed Lithium Battery with RadioLINK module fitted
Ei208DWRF	Powered for Life sealed Lithium Battery with LCD display & RadioLINK module fitted.
Ei200MRF	RadioLINK upgrade module for Ei208W and Ei208DW