



10-year Carbon Monoxide Alarm with Sealed in Batteries

- With Digital Display

- Model 8LLDCOUKB



EN50291: 2010

Technical Specifications

Order Code	8LLDCOUKB
Power Supply	Sealed in battery
Tamper Proof	Yes
Sensor Technology	Electrochemical Sensing Technology
Digital Display	Yes
Peak Level Memory	Yes
Temperature Range	-10°C to 40°C
Humidity Range	10%-95% relative humidity (RH) non-condensing
LED's	2 LED's (green = normal operation / red = full alarm or unit malfunction)
Alarm Sound Output	85 decibels at 1m distance
Alarm Indication	Audible and Visual signals
Test / Reset Feature	Yes
Approvals	Certified by BSI to EN50291-1. 2010
Mounting Options	Wall-mount or free-standing options
Unit Dimensions	142mm x 82mm x 46mm (in packaging) 118mm x 70mm x 40mm (out of packaging)
Unit Weight	202g (packaged weight) 155g (out of packaging)
Lead-Free Components	Yes
Life of Alarm	10-year sensor life
End of Life Notification	Yes – audible signal after 10-years
Diagnostics	Fault or alarm mode diagnostics capability (by Engineer)
Anti-Passivation Software	Yes
Packaging	Individually packaged in cartons
Case Quantity	6 units
Warranty	10-years

Key Alarm Features

The Kidde 8LLCO carbon monoxide alarm has sealed in batteries that will last the full **10-year life** of the alarm. It has been designed to be fully tamper-proof and to start operating as soon as the back-plate is connected, meaning that the homeowner will benefit from the full 10 year alarm life.

Battery Life

This 10-year alarm will start to operate as soon as the back-plate is connected. This guarantees that the homeowner will benefit from the full 10-year alarm life. Furthermore, Kidde's advanced 'Anti-Passivation' software prevents the battery life from diminishing over time (Passivation) which is a common concern for long life lithium batteries.

Digital LCD Display Screen

This alarm has an LCD screen that shows the level of CO detected at all times. It includes a **peak level memory** which allows the highest CO level that has been detected since the alarm was reset to be recalled and displayed. This is a useful feature, especially if the homeowner has been absent for a period of time and would like to know if dangerous CO levels have been present, and therefore corrective action required.

Interrogation Diagnostics

With Kidde's new interrogation capability, any 'event' can be analysed and diagnosed by a Kidde Engineer because recent events are stored within the alarms memory buffer. These 'events' could include test procedures, low battery warnings, full alarm, PPM readings and fault modes. This major development means that any unit can be diagnosed for alarm or fault analysis if there is any doubt as to whether CO was present or whether the unit was at fault.

Tamper Resist Feature

The alarm locks onto its base plate and requires a screwdriver to release it to prevent tampering.

Pull-down Information Panel

In an emergency, homeowners are likely to be in a state of panic and want to find out what course of action to take quickly and easily. With Kidde's new pull-down information panel, the homeowner can quickly gain access to such important information without having to remove the unit from its mounting location. This panel then remains out of view under normal operation conditions.

Alarm Response Times

In accordance with EN 50291, this alarm meets the following response time requirements;

At 30 PPM CO concentration	unit can not alarm in less than 120 minutes
At 50 PPM CO concentration	unit must alarm within 60 – 90 minutes
At 100 PPM CO concentration	unit must alarm within 10 – 40 minutes
At 300 PPM CO concentration	unit must alarm within 3 minutes