



# Battery Operated with Digital Display Carbon Monoxide Alarm

Part Number 900-0146-LP

Model KN-COPP-B-LPM

## Digital Display

Displays the level of carbon monoxide the unit is sensing.

## Test/Reset Button

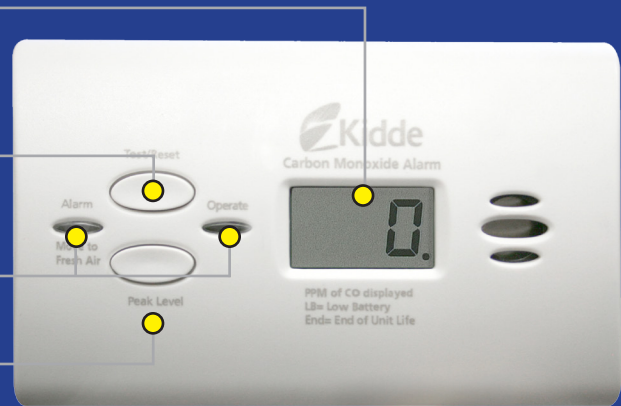
Tests unit's electronic circuitry & horn and resets the unit during alarm.

## LED's

Green LED for normal operation, Red LED for alarm.

## Peak Level Memory

Displays the highest CO concentration measured since the last reset.



**Alerts user to replace after 10 years of operation**

## Description

The Kidde 900-0146 Carbon Monoxide Alarm is an easy to install unit that provides reliable protection against the dangers of carbon monoxide. Digital display feature adds an advanced level of protection showing CO levels in PPM allowing you to see if levels change. The battery operated alarm includes multiple mounting options allowing installation on a wall or tabletop. This alarm has been carefully designed and tested to detect CO concentration in a residential environment.

## Consumer Benefits

The Kidde 900-0146-LP battery operated CO alarm provides continuous monitoring of CO levels, even during power outages when many CO incidents occur. The digital display feature allows for easy viewing of carbon monoxide levels from 30-999 PPM (parts per million). The 900-0146 will also detect and store concentration CO levels as low as 11 and up to 999 PPM with its peak level memory display. This alarm includes a slide-out battery door that gives immediate access to the batteries and a safety feature that makes it difficult to close the cover without the batteries being installed. It has a 10-year life and a 10-year limited warranty.

## Features and Benefits

- **Battery Operated** – Provides best protection during power outages.
- **Digital Display** – Shows CO level in PPM (parts per million).
- **Peak Level Memory** – Displays the highest CO concentration measured since the last reset.
- **Test/Reset Button** – Tests CO alarm circuit operation and allows you to immediately silence the alarm.
- **Low Battery Signal** – Alerts user when the batteries need to be replaced.
- **Slide-Out Battery Door Cover** – Gives immediate access to batteries
- **Battery Safeguard** – Makes it difficult to close the door without batteries in the unit.



UL 2034 Listed

## Architectural and Engineering Specifications

The carbon monoxide alarm shall be Kidde 900-0146-LP or approved equal. It shall be powered by three (3) AA batteries (included). The unit shall have a slide open battery door that allows immediate access to batteries. The temperature operating range shall be between 40°F and 100°F (4°C and 38°C) and the humidity operating range shall be 10% - 95% relative humidity, non-condensing.

The CO sensor shall be of a fuel cell design and shall meet the sensitivity requirements of Underwriters Laboratories UL2034 Single and Multiple Station Carbon Monoxide Alarms.

The alarm can be installed on the surface of any wall or table top mounted following the UL/NFPA/Manufacturer's recommended placement guidelines. The alarm shall include a battery lockout system that deters closure of battery door without using three batteries.

The unit shall incorporate a digital display that meets the sensitivity requirements of UL 2034. The display will identify the levels of CO in parts per million (ppm) once that level reaches 30ppm (i.e.: "abnormal" levels).

The alarm shall include a test button that will electronically simulate the presence of CO and cause the unit to go into alarm. This sequence tests the unit's electronics to ensure proper operation.

Per UL 2034 requirements, the CO sensor will not alarm to levels of CO below 30 ppm and will alarm in the following time range when exposed to the corresponding levels of CO.

70 ppm CO Concentration	60 – 240 minutes
150 ppm CO Concentration	10 – 50 minutes
400 ppm CO Concentration	4 – 15 minutes

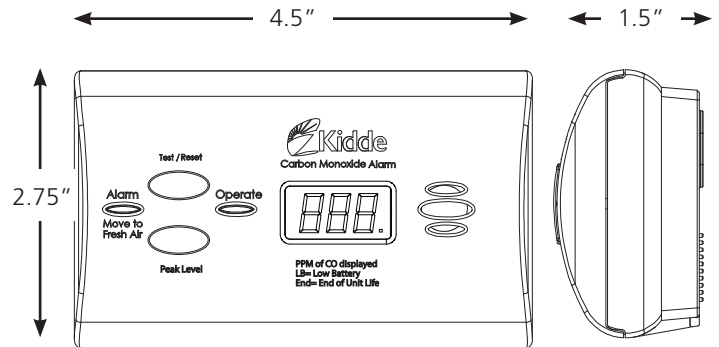
The unit shall incorporate 2 LED's. A green LED will flash once every 30 seconds to indicate the alarm is operating properly when power is present. A red LED will pulse to indicate carbon monoxide has been detected until the device is reset or CO is eliminated.

The alarm shall include a piezoelectric horn that is rated at 85 decibels at 10 feet. When the unit detects carbon monoxide, the alarm pattern will be four (4) short beeps – followed by five (5) seconds of silence – followed by four (4) short beeps with a corresponding red LED flash.

It shall also include a 10-year manufacturer's limited warranty.

## Technical Specifications

Power Source:	Three AA batteries (included)
Sensor:	Electrochemical
Audio Alarm:	85dB at 10ft
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	10% to 95% relative humidity (RH) non-condensing
Size:	4.5" L x 2.75" H x 1.5" D
Weight:	.66lbs (with batteries)
Interconnects:	No
Wiring:	No
Warranty:	10 year limited



## Ordering Information

Part Number	UPC	Pack Quantity	Dimensions	I 2 of 5	Weight	Items/Skid
21008873	0-47871-08873-7	Cut Case (4 units)	7.4" x 7.9" x 12"	100-47871-08873-4	5.1lb	288



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