



Carbon Monoxide Alarm Battery Operated with Digital Display

• Model KN-COPP-B • Part Number 900-0146

Digital Display

Displays the level of carbon monoxide the unit is sensing. The unit updates this reading every 15 seconds.

Peak Level Memory

Displays the highest CO concentration measured since the last reset.

Large Backlit Display

Easy-to-read, even in low light conditions.

Test/Reset Button

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

Front Load Battery Door

Change battery without removing alarm from the wall.

LED's

Green LED for normal operation, Red LED for alarm.



NEW FEATURE: Alerts user to replace CO alarm after 7 years of operation

NIGHTHAWK™
TECHNOLOGY
World's Most Accurate
Carbon Monoxide Alarm*

Description

The new Kidde 900-0146 Carbon Monoxide Alarm is the only battery-operated alarm that includes a backlight digital display feature. This key feature adds an advanced level of protection that you have come to expect in a Kidde manufactured product. The battery operated CO 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 battery operated CO alarm provides continuous monitoring of CO levels, even during power outages when many CO incidents occur. The backlit 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 snap-on cover that gives immediate access to the batteries and a safety feature that makes it difficult to close the cover without the batteries being installed.

Features and Benefits

- **Battery Operated** – Provides best protection during power outages.
- **Digital Display** – Shows CO level in PPM (parts per million). Updates digital reading every 15 seconds allowing you to see if levels change.
- **Backlit Display** – To help see the displayed reading in the dark, a backlight appears during the peak level cycle. The light will turn on when the peak level button is pressed.
- **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.
- **Front Load Battery Door** – Provides easy battery access that reduces battery replacement time.
- **Battery Safeguard** – Makes it difficult to close the cover without batteries in the unit.

*Based on accuracy claims of major manufacturers



Architectural and Engineering Specifications

The carbon monoxide alarm shall be Kidde Unit Number KN-COPP-B (part number 900-0146) or approved equal. It shall be powered by three (3) AA batteries (included). The unit shall have a snap open cover 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 5% - 95% relative humidity.

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 ceiling 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.

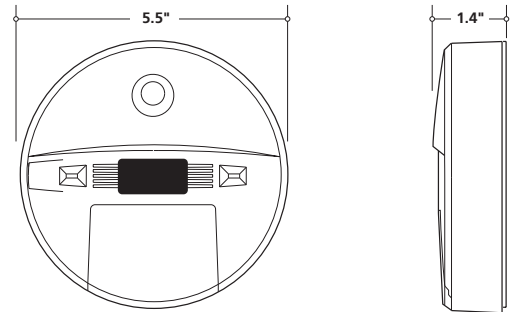
**Based on accuracy claims of major manufacturers*

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 5-year manufacturer's limited warranty.

Technical Specifications

| | |
|--------------------|----------------------------------|
| Part Number: | 900-0146 |
| Unit Number: | KN-COPP-B |
| UPC Number: | 0-47871-00146-0 |
| 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: | up to 95% relative humidity (RH) |
| Size: | 5.5" diameter x 1.4" depth |
| Weight: | .66lbs (with batteries) |
| Interconnects: | No |
| Wiring: | No |
| Warranty: | 5 year limited |



Ordering Information

UPC: 0-47871-00146-0

| Part Number | I 2 of 5 | Pack Quantity | Dimensions (w x d x h inches) | Weight | Case/Skid | Layers/Skid | Skid Weight |
|--------------|-------------------|------------------------|-------------------------------|--------|-----------|-------------|-------------|
| 900-0146** | N/A | Individual | 7.25 x 11 x 1.75 | .55lbs | N/A | N/A | N/A |
| 900-0146-004 | 100 47871 00146 7 | Master Pack (4 units) | 11.5 x 11.75 x 7.5 | 2.6lbs | 90 | 3 | 234lbs |
| 900-0146-020 | 200 47871 00146 4 | Cut Case (20 units) | 16 x 20.75 x 11.75 | 11lbs | 18 | 3 | 198lbs |
| 900-0146-060 | 300 47871 00146 1 | Power Tower (60 units) | 20 x 24 x 41 (incl. pallet) | 33lbs | 3 | 3 | 99lbs |

**Not for sale by individual unit



UNIT



MASTER PACK



CUT CASE



POWER TOWER



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