



120V AC Plug-in Carbon Monoxide Alarm

with Digital Display and 9V Battery Backup



Part Number **900-0234** Model **KN-COP-DP-LS-CA**
10-Year Limited Warranty

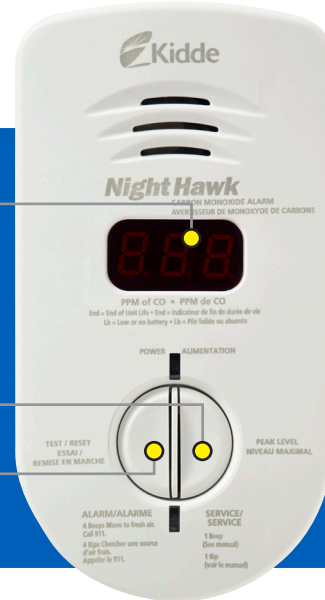
Digital Display

AC Plug-in Operated

9V Battery Backup

Peak Level Memory

Test/Reset Button



Description

The Kidde KN-COP-DP-LS-CA is a 120V AC powered, plug-in carbon monoxide alarm with battery backup and a digital display. The KN-COP-DP-LS-CA is an easy to install unit that provides reliable protection against the dangers of carbon monoxide.

The digital display feature adds an advanced level of protection showing CO levels in PPM, allowing you to see if levels change.

The KN-COP-DP-LS-CA is suitable for all living areas and has a 10-year limited warranty.

Features and Benefits

- **Digital Display** – Shows CO level in PPM (parts per million). No buttons to push! Continuous digital readout gives you peace of mind at-a-glance.
- **Peak Level Memory** – Displays the highest CO concentration measured since the last reset.
- **Test/Reset Button** – Tests the unit for proper operation. Resets the carbon monoxide alarm.
- **Tamper Resist Feature** – If activated, unit goes into constant alarm mode if it has been unplugged or has come loose from the outlet.
- **AC Plug-in Operated** – Easy to install – just plug into an AC wall outlet.
- **9V Battery Backup** – Provides continuous protection in case of a power failure.
- **End of Life Notification** – Ten (10) years after unit is first powered, this alarm will emit two beeps every 30 seconds and the digital display will display “END” to indicate it is time to replace the alarm.



CSA-6.19-01

Architectural and Engineering Specifications

The carbon monoxide alarm shall be Kidde model KN-COP-DP-LS-CA or approved equal. It shall be powered by a 120V AC, 60Hz source along with a 9V battery backup. The temperature operating range shall be between 4.4°C (40°F) to 37.8°C (100°F) 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 CAN/CSA 6.19-01 (R2011) - Residential carbon monoxide alarming devices.

The alarm shall include an integral plug that can be installed in any outlet following the Manufacturer's recommended guidelines. The AC blades remain vertical independent of whether the electrical socket is mounted vertically or horizontally.

The unit shall incorporate a digital display that meets the sensitivity requirements of CAN/CSA 6.19-01. The display will identify the levels of CO in parts per million (ppm) once that level reaches 30ppm (i.e.: "abnormal" levels). The display will have a red dot in the lower right corner that will blink to indicate the normal operation.

The alarm shall include a test/reset button. If pressed and released during normal operation, it shall 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. If pressed during alarm mode, the unit will be silenced and will begin monitoring CO levels again.

The alarm shall include Tamper Resist Feature. If activated, unit shall go into constant alarm mode until the unit is replaced into the wall socket or the battery is removed.

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

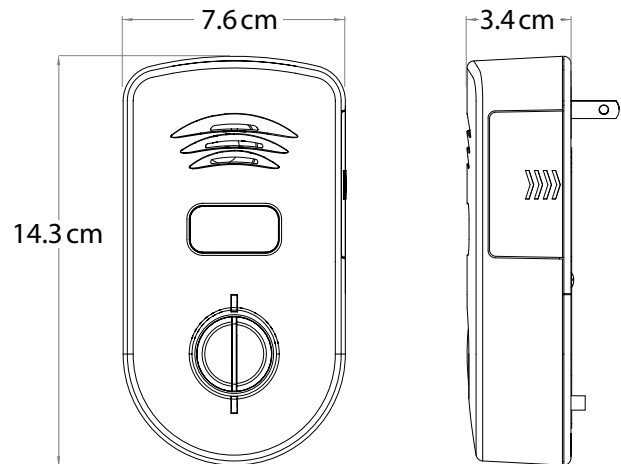
The unit shall incorporate 2 LED's. A green LED will be illuminated to indicate the alarm is operating properly when plugged into an outlet, and will flash every 10 seconds when on backup battery power. A red LED will flash to indicate that carbon monoxide has been detected until the device is reset or CO is eliminated or will flash to indicate low battery or alarm malfunction.

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. A number reading will appear on the digital display identifying the measured CO concentration (in ppm).

The unit shall at a minimum meet the requirements of CAN/CSA 6.19-01. It shall also include a 10-year manufacturer's limited warranty.

Technical Specifications

| | |
|---------------------------|--|
| Power Source: | 120V AC, 60Hz, 60mA max per alarm, 9V battery backup |
| Sensor: | Electrochemical |
| Audio Alarm: | 85 dB at 10 ft |
| Temperature Range: | 4.4°C (40°F) to 37.8°C (100°F) |
| Humidity Range: | 10%-95% relative humidity, non-condensing |
| Unit Size: | 7.6 cm width x 3.4 cm depth x 14.3 cm height |
| Unit Weight: | 0.28 kg |
| Interconnects: | No |
| Warranty: | 10-year limited |



Ordering Information

UPC: 0-47871-07610-9

| Part Number | 12 of 5 | Pack Quantity | Case Dimensions (w x d x h centimeters) | Case Weight | Case/Skid |
|-------------|-------------------|---------------|---|-------------|-----------|
| 900-0234 | 100-47871-07610-6 | 8 units | 19.5 cm x 44.5 cm x 28 cm | 2.48 kg | 36 |



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