



120V AC Plug-in CO, Propane & Natural Gas Alarm

with Digital Display and 9V Battery Backup

Part Number **900-0113-05** Model **KN-COEG-3**
5-Year Limited Warranty

Digital Display

AC Plug-in Operated

9V Battery Backup

Peak Level Memory

Test/Reset Button



Description

The Kidde KN-COEG-3 is a 120V AC powered, plug-in carbon monoxide, propane and natural gas alarm with battery backup and a digital display. The KN-COEG-3 is an easy to install unit that provides reliable protection against the dangers of carbon monoxide. The gas sensor is a metal oxide sensor designed to detect natural gas (methane) or propane.

The KN-COEG-3 will detect and store measured data of concentrated CO levels as low as 11 and up to 999 PPM with its peak level memory display and will also display "GAS" if it has detected natural gas or propane. This alarm gives you several mounting options, including: direct-plug, a 6' power cord or table top.

The KN-COEG-3 is suitable for all living areas and has a 5-year limited warranty.

Features and Benefits

- **Digital Display** – Shows CO level in PPM (parts per million) and detects "GAS". 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 and resets the alarm.
- **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.



CSA-6.19-01

Architectural and Engineering Specifications

The carbon monoxide alarm shall be Kidde model KN-COEG-3 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 - Residential carbon monoxide alarming devices. The Gas sensor shall be a metal oxide sensor designed to detect natural gas (methane) or propane. The Gas sensor shall be calibrated to alarm before 25% of the low explosion limit (LEL).

The alarm shall include an attached plug that can be installed in any outlet following the Manufacturer's recommended guidelines. The plug can be snapped into the back of the unit and shall be capable of being rotated so the alarm remains vertical independent of whether the electrical socket is mounted vertically or horizontally. In addition, the alarm plug will have an attached extension cord so the unit can be plugged into the wall outlet and then placed on a table or shelf.

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 identify "GAS" if gas is present. 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 or GAS and cause the unit to go into alarm. This sequence tests the unit's electronics to ensure proper operation.

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 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 4 quick beeps – followed by 5 seconds of silence – followed by 4 quick beeps. Repeated with a number showing in the display (CO concentration in PPM). When the unit detects GAS, the alarm pattern will be a 1/2 second alarm on, 1/2 second of silence – repeating with "GAS" shown in the display.

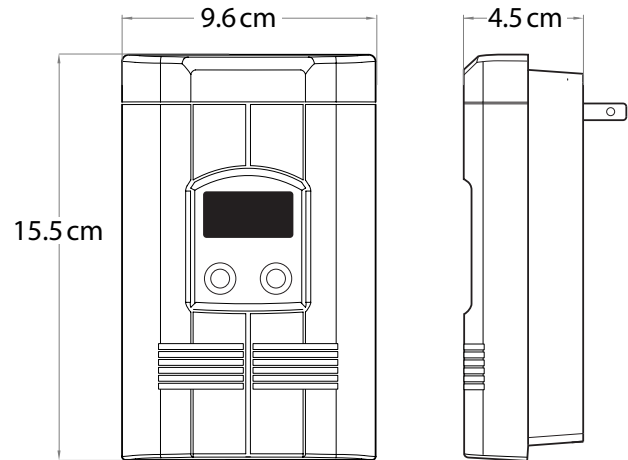
The unit shall include a peak level memory feature that will store the peak CO level sensed since the unit was last reset. The peak CO level stored in the unit's memory shall be displayed (in ppm) on the digital display by pressing the appropriate button on the unit. The memory shall also be capable of being reset.

The unit shall also indicate a low battery warning utilizing each of the following methods: a blinking dot will be displayed and the sounder will emit one quick beep every 15 seconds, the display will alternate between "Lb" (low battery) and CO reading while chirping.

The unit shall at a minimum meet the requirements of CAN/CSA 6.19-01. It shall also include a 5-year manufacturer's limited warranty.

Technical Specifications

Power Source:	120V AC, 60Hz, 60mA max per alarm, 9V battery backup
Sensors:	CO: Electrochemical, Gas: Metal Oxide
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:	9.6 cm width x 4.5 cm depth x 15.5 cm height
Unit Weight:	0.68 kg
Interconnects:	No
Warranty:	5-year limited



Ordering Information

UPC: 0-47871-11331-6

Part Number	12 of 5	Pack Quantity	Case Dimensions (w x d x h centimeters)	Case Weight	Case/Skid
900-0113-05	100-47871-11331-3	6 units	45 cm x 21 cm x 30.5 cm	3.50 kg	36



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