Kidde

Nighthawk Carbon Monoxide Alarm AC Powered, Plug-In with Battery Backup and Digital Display

Part Number 900-0234   **Model KN-COP-DP-LS**

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

Tamper Resist Feature
Unit alerts you if it has been unplugged or has come loose from the outlet.

Peak Level Button
Displays the peak CO level recorded since its last reset or power up.

Test/Reset Button
Tests CO alarm circuit operation and allows you to immediately silence the alarm.

Two LED's
Red – Illuminates when in alarm mode.
Green – AC power is present, normal operation.

End of Life Alarm
Alerts user to replace CO alarm after 7-years of operation.

NEW LONGLIFE: *40% LONGER LIFE THAN OTHER CO ALARMS*

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

Description

The Nighthawk 900-0234 AC Powered, Plug-In carbon monoxide alarm with battery backup and digital display 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. Written information and instruction make this unit's operation easy for anyone to understand. The Nighthawk AC/DC Digital alarm has a small, sleek design that is suitable for all living areas and has a 7-year limited warranty.

Consumer Benefits

The Nighthawk 900-0234 provides you and your family with a loud warning signal against the dangers of elevated carbon monoxide levels in your home. The battery backup feature provides continuous monitoring of CO levels, even during power outages when AC-only units are not providing protection. Digital Display feature allows for easy viewing of carbon monoxide levels from 30-999PPM (parts per million). The Nighthawk CO alarm has a 7-year product life, providing 40% longer protection than other CO alarms.

Features and Benefits

- **Digital Display** – Displays the level of carbon monoxide the unit is sensing. The unit updates this reading every 15 seconds.

- **Peak Level Button** – Displays the peak CO level recorded by the alarm since it was last reset or unplugged.

- **9V Battery Backup** – Provides continuous protection even during power outages.

- **Tamper Resist Feature** – Unit goes into constant alarm mode if it has been unplugged or has come loose from the outlet.

- **Test/Reset Button** – Tests the unit for proper operation. Resets the Carbon Monoxide alarm.

- **7-Year End of Life Warning** – Alerts user to replace CO alarm after 7-years of operation. (40% longer than other CO alarms)

- **UL Listed** – Life Long Warranty

7 YEAR LIMITED WARRANTY

SIGNALING **UL®** **LISTED**

*Based on accuracy claims of major manufacturers

Architectural and Engineering Specifications

The carbon monoxide alarm shall be Kidde Unit Number KN-COP-DP-LS (part number 900-0234) or approved equal. It shall be powered by a 120VAC, 60 Hz source along with a 9V battery back up. 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.

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 unit shall provide accuracy of ± 30% when reading CO concentration levels.

The alarm shall include an integral plug that can be installed in any outlet following the UL/NFPA/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 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 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 re-leased 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 moni-toring 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. In accordance with UL 2034, 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.
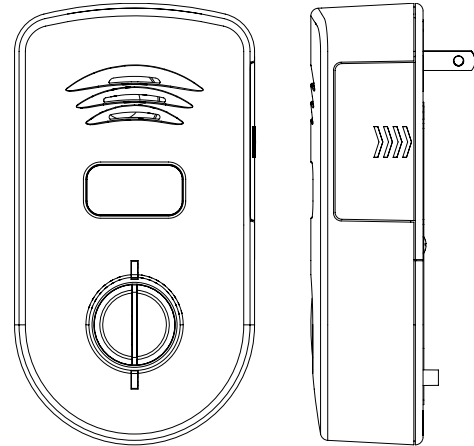
70 ppm CO concentration 60 – 240 minutes
150 ppm CO concentration 10 – 50 minutes
400 ppm CO concentration 4 – 15 minutes

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 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).

Based on accuracy claims of major manufacturers

Technical Specifications

Part Number:	900-0234
Model:	KN-COP-DS-LS
Power Source:	120VAC, 60HZ, 60mA max 9V battery back-up
Sensor:	Electrochemical
Audio Alarm:	85dB at 10ft
Temperature Range:	40˚F (4.4˚C) to 100˚F (37.8˚C)
Humidity Range:	10%-95% relative humidity (RH)
Size:	3.0"x 5.6" x 1.5"
Weight:	.62 lbs with battery
Interconnects:	No
Warranty:	7 year limited

Ordering Information

Gift Box UPC: 0-47871-07309-2

Part Number	I 2 of 5	Pack Quantity	Dimensions (w x d x h inches)	Weight	Case/ Skid	Skid Weight
900-0234**	N/A	Individual (Clam)	7.5 x 2 x 11	1.94 lbs.	N/A	N/A
21007309	100-47871-07309-9	Cutcase (4 units) Clam	7.94 x 11.88 x 11.5	7.76 lbs.	60	465
21007335	200-47871-07309-6	Cutcase (8 units) Clam	7.94 x 21.63 x 11.5	15.52 lbs.	36	558

**Not for sale by individual unit*

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