COALMCCNRB01−A
AC Powered, Plug−In
Carbon Monoxide Alarm

turn to the experts

Product Data



The Carrier AC powered, plug-in, carbon monoxide alarm utilizes sophisticated electronic components and unmatched sensor technology to protect you and your family from the dangers of CO. These units include battery backup that provides continuous monitoring of CO levels, even during power outages, when AC-only units are not providing protection. The units will detect and store measured data of concentrated CO levels as low as 30 and up to 999 PPM with its peak level memory display. In alarm condition you will hear 4 quick beeps, 5 seconds off, repeat. This alarm gives you several mounting options, including direct-plug, a 6 foot power cord or table top.

FEATURES / BENEFITS

The Carrier COALMCCNRB01-A AC powered, plug-in carbon monoxide alarm provides a warning signal to protect against dangerous levels of carbon monoxide. This alarm is easily installed in any AC wall outlet. The digital display feature allows for easy viewing of carbon monoxide levels from 30-999PPM (parts per million). These units are IAS certified and include a 7-year limited warranty.

- **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 Back-up** — Provides protection during power outage.
- **Test Button Functions**
  - — Tests the unit for proper operation
  - — Resets the Carbon Monoxide alarm
- **LED Operation**
  - — Blinking dot in lower right corner of display denotes normal operation.
  - — Digital readout displays CO concentration in parts per million (30-900PPM)

SPECIFICATIONS

The carbon monoxide alarm is Carrier Part Number COALMCCNRB01-A or approved equal. It is powered by a 120vac, 60 Hz source along with battery back up. The temperature operating range is between 40°F and 100°F (4°C and 38°C) and the humidity operating range is 5% - 95% relative humidity.

The CO sensor is of a fuel cell design and meets the sensitivity requirements of Underwriters Laboratories UL2034 Single and Multiple Station Carbon Monoxide Alarms. The unit provides accuracy of +/- 20%+ 15 parts per million (ppm) when reading CO concentration levels.

The alarm includes an attached plug that can be installed in any outlet following the UL/NFPA/Manufacturer's recommended guidelines. The plug can be snapped into the back of the unit and is 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 has an attached extension cord so the unit can be plugged into the wall outlet and then placed on a table or shelf.

The unit incorporates a digital display that meets the sensitivity requirements of UL2034. The display will identify the levels of CO in parts per million (ppm) once that level reaches 30ppm (i.e.: "abnormal" levels). A blinking red dot will appear in the lower right corner of the display to indicate normal operation.

The alarm includes a test button that will electronically simulate the presence of CO and cause the unit to go into alarm mode. This sequence tests the unit's electronics to ensure proper operation. 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 includes 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 includes 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 will be displayed (in ppm) on the digital display by pressing the appropriate button on the unit. The memory can also be reset.

The unit indicates a low battery warning utilizing each of the following methods: a brief alarm chirp occurring approximately once per minute and having "Lb" displayed on the digital display. The unit is listed to UL 2034. It also includes a 7-year manufacturer's limited warranty.

TECHNICAL SPECIFICATIONS

Part Number:	COALMCCNRB01-A
Power Source:	120vac
Sensor:	Electrochemical
Audio Alarm:	85dB at 10 ft
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	5%-95% relative humidity (RH)
Size:	6.0625"L X 3.75"W x 1.75"H
Weight:	1 lb
Interconnects:	No
Wiring:	Plug-In
LED:	Displays CO concentration in PPM
Warranty:	**7-year limited**

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Replaces: New

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