

COALMCCNRB02-A AC Powered, Plug-In Carbon Monoxide Alarm



Product Data



A150715

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 a 10 year battery with no replacement required 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.

FEATURES / BENEFITS

The Carrier COALMCCNRB02-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 UL2034 certified and include a 10-year limited warranty.

- **Digital Display** — Displays the level of carbon monoxide the unit is sensing. LEDs provide clear daytime visibility that automatically dims in dark conditions.
- **Peak Level Button** — Displays the peak CO level recorded by the alarm since it was last reset or unplugged.
- **10-Year End of Life Warning** — Alerts user to replace alarm after 10 years of operation, as required by UL.
- **Rotating AC Blades** — Unit remains vertical whether electrical socket is in vertical or horizontal orientation.
- **Test Button Functions**
 - Tests the unit for proper operation
 - Resets the Carbon Monoxide alarm
- **10-Year Limited Warranty**
- **UL Listed** - Listed by UL to the UL2034 Standard.

SPECIFICATIONS

The carbon monoxide alarm is Carrier Part Number COALMCCNRB02-A or approved equal. It is powered by a 120vac, 60 Hz source along with a sealed lithium ion 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 10% - 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 +/- 30% 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 AC blades remain vertical independent of whether the electrical socket is mounted vertically or horizontally.

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).

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.

See user guide for additional important information.

TECHNICAL SPECIFICATIONS

Part Number:	COALMCCNRB02-A
Power Source:	120vac, 60 Hz, 90mA max
Sensor:	Electrochemical
Audio Alarm:	85dB at 10 ft
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	10% - 95% relative humidity (RH)
Size:	3.0"W X 5.6"H x 1.5"D
Weight:	.62 lb
Interconnects:	No
Wiring:	Plug-In
LED:	Displays CO concentration in PPM
Warranty:	10-year limited