

Z-Wave Plus Carbon Monoxide Alarm

EiA207RFZ



- ✓ Certified to UL2034 and ULC2034
- ✓ Proven electrochemical sensor (10 year sensor life)
- ✓ Z-Wave chip platform ZM5202
- ✓ Large EZ-Press™ Test/Hush button
- ✓ Automatic low battery status indication
- ✓ Automatic sensor fault indicator
- ✓ Built-in sounder – 85dBA at 3 meters
- ✓ End of life indication
- ✓ Power, alarm and fault indicator lights
- ✓ Memory feature indicates if CO has been previously detected
- ✓ Easy to install, twist-on base design
- ✓ 5 year Warranty

Product Description

The EiA207 series of Carbon Monoxide (CO) alarms has a high performance, proven electrochemical sensor to detect the presence of CO. Each sensor is individually calibrated & tested in CO gas to ensure accuracy.

A unique external 8 pin modular header design enables simple, plug-in interface with a variety (frequency and/or protocol) of communication modules.

The memory feature records the most recent CO alarm level and provides visual indication where a CO event has occurred while the home owner or tenant is away from the property or out of audible range.

EiA207 devices are specifically designed for simple & intuitive, time-saving installation, commissioning and maintenance. All necessary mounting hardware is included.

The large, ergonomically located Test/Hush button enables full testing of the alarm. All aspects of the alarm (sensor, electronics, battery and sounder) can be tested with the press of a button.

Operation

- When toxic levels of Carbon Monoxide are detected, the alarm will sound and the red alarm LED will flash as detailed below:

CO Level	Red Led	Horn
< 70 ppm	Off	Off
70 to 150	1 flash every 2 sec	On within 60---240mins
150 to 400	1 flash every sec	On within 10---50mins
>400 ppm	2 flashes every sec	On within 4---15mins

- The built-in sounder will provide a minimum sound output of 85dB at 3 meters when CO is detected.
- The device will automatically cease to alarm when the carbon monoxide gas clears.
- An 'End-of-Life' sensor fault or low battery condition will be indicated by visual and audible alarms.
- Pressing and holding the Test/Hush button will perform a complete device test as well as sounding the horn to verify functionality.

Certified Z-Wave Plus Device



EiA207RFZ

Technical Specification

Sensor:	Proven electrochemical sensing technology. 100% calibrated and tested with carbon monoxide gas to ensure accuracy. CO level is checked every 4 seconds.
Z-Wave Plus Module Integration:	Sigma chip platform ZM5202; Plug-in; 8 Pin header
Integrated head removal tamper switch:	When the alarm is removed a signal tamper signal is sent to the panel
Test/Hush button operation:	<ul style="list-style-type: none"> Pressing and holding the Test/Hush button will initiate a test of the sensor, electronics, battery and sounder Briefly pressing the Test/Hush button will 'Hush' (silence) the sounding alarm As a safety feature, the 'Hush' function will automatically be disabled if the level of carbon monoxide gas detected is greater than 150ppm
Batteries:	(2) AAA Batteries
Battery Life:	3-6 years typical under normal usage (variable based upon check-in setting selected)
LED indications:	<ul style="list-style-type: none"> Power-up & Test: Green LED lights Alarm: Red LED lights Fault: Amber LED lights Test / Diagnostic: Red, Amber & Green LED's light
End-of Life Indicator:	The CO Alarm includes an 'end-of-life' indicator which will notify the user when the device has reached the conclusion of its 10 year operational life and needs to be replaced
Alarm:	Built-in piezoelectric horn
Alarm Sound Output:	85dBA at 3m
Temperature:	0 to 40°C / 32 to 104°F (Operating), 0 to 35°C / 32 to 95°F (Storage)
Humidity Range:	15% to 95% non-condensing
Dimensions:	120 mm x 105 mm x 45 mm / 4.72" x 4.13" x 1.77"
Weight:	180 grams / 6.35 ounces
Approvals:	Certified to UL 2034 and cUL 2034. Manufactured to ISO 9001:2000 quality standards.
Warranty:	5 year (limited) warranty

*Specifications are subject to change

Ordering information	Product	Short Description
	EiA207RFZ	CO Alarm without onboard diagnostics