



Smart Smoke + CO Alarm with Ring App Alerts

Hardwired + AA Backup Batteries (Included)

Model RGCUAR-RW

Advanced Sensing Technology

React quickly with smoke detection that's over 25% faster* and up to 3x more precise.****

Real-Time Ring Notifications

Home or away, get notifications of smoke or CO and low battery warnings.

Optional Ring Subscription with 24/7 Smoke and CO Monitoring

Trained agents can request emergency help in case of alarm.[§]



Images are representative only.
Actual product may vary slightly.



Description

North America's #1 home fire safety brand** is bringing you our latest Kidde Smart alarms with cutting edge sensing technology and seamless Ring App integration. Experience whole home smart connectivity by adding one smart alarm to your existing Kidde hardwired alarms*** and get real-time notifications at home or away, including smoke or CO and low battery warnings. Just download the Ring App to begin alarm setup — no additional devices required. This Ring App enabled smoke and CO alarm features enhanced sensing technology to reduce false alarms† often caused by cooking. Crystal-clear voice alerts announce “Fire!” and “Warning, Carbon Monoxide” to warn you of danger. Optional Ring subscription with 24/7 smoke and CO monitoring allows trained agents to request emergency help in case of alarm.[§] Powered by 120V AC wiring with two AA backup batteries (included) to help ensure you're protected during outages.

Alarm Warnings – Featuring multi-color LEDs

Fire: The smoke alarm pattern is three long beeps with voice “Fire!,” a 1.5 second pause and three long beeps repeating. The red LED blinks in time with the alarm pattern only on the alarm(s) that detected the hazard (initiating alarm).

Carbon Monoxide: The carbon monoxide (CO) alarm pattern is four quick beeps with voice “Warning, Carbon Monoxide” repeating every 5 seconds. The red LED blinks in time with the alarm pattern only on the alarm(s) that detected the hazard (initiating alarm). On DC power only, after 4 minutes in CO alarm, the alarm pattern will only occur every 60 sec.

Low Battery: Amber LED blinks every 6 sec. Chirp and voice “Low Battery” every 60 sec.

Alarm Memory: Alerts a user if smoke or CO has been detected in the last 24 hours. If smoke has been detected, the red LED blinks every 15 sec. If CO has been detected, the red LED blinks twice every 15 sec.

Features & Benefits

- **Double the Detection** – Alerts you to both smoke & carbon monoxide (CO).
- **Early Low Battery Warnings** – Receive advance warnings on your phone.
- **See All Your Ring Devices in One Place** – Add additional Ring devices, like indoor cameras, to monitor your whole home.
- **Everything You Need is in the Box** – Download the Ring App for simple setup — no additional devices required.
- **Whole Home Smart Connectivity** – Get mobile alerts for every hardwired alarm in your home by adding just one Kidde smart alarm.***
- **Voice Alerts** – Crystal-clear voice alerts tell you exactly why your alarm is sounding.

*29% faster average smoke detection based on internal testing of smoldering wood fires for Kidde 9th Edition vs. leading competitor 8th Edition products. **Based on total household installations as of December 2023. ***Different models offer different interconnection options and requirements. See User Guide for more info. ****In terms of consistency and range of obscuration rate, based on internal testing for Kidde 9th Edition vs. leading competitor 8th Edition products. †Compared to prior Kidde generations of smoke alarms. §A compatible Ring subscription is required for 24/7 Smoke and CO Monitoring. Service available within the U.S. (all 50 states, but not U.S. territories). Ring does not own its monitoring center. Smoke and carbon monoxide monitoring is not available for business or commercially zoned addresses. See Ring Alarm licenses at: ring.com/licenses. Additional fees may be required for permits, false alarms, or Alarm Verified Guard Response, depending on your local jurisdiction.

Installation of Alarm

This model meets the latest residential smoke alarm standards, which includes enhanced resistance to nuisance alarms from cooking. Industry experts recommend that both ionization and photoelectric smoke alarms be installed to help ensure optimal detection of the various types of fires that can occur within the home. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms. Industry experts recommend specific locations for smoke alarms, such as every level and sleeping area of the dwelling. They also recommend a CO alarm be installed on each level of the home — ideally on any level with fuel-burning appliances and outside of sleeping areas. The alarm can be installed on the surface of any wall or ceiling following the UL/NFPA/Manufacturer's recommended placement guidelines. The alarm can be installed on any standard single gang electrical box, up to a 4" octagon junction box. See User Guide for more location information and additional instructions.

The alarm should be installed to comply with all local codes having jurisdiction in your area, Article 760 of the National Electric Code, and NFPA 72. Make certain all alarms are wired to a single, continuous (non-switched) power line, which is not protected by a ground fault interrupter. A maximum of 1000 ft. of wire can be used in the interconnect system. Use standard UL listed household wire (18 gauge or larger as required by local codes).

Architectural & Engineering Specifications

A maximum of 24 Kidde Safety devices may be interconnected in a multiple station arrangement. The interconnect system should not exceed the NFPA interconnect limit of 12 smoke or smoke/CO combination alarms and/or 18 alarms total (smoke, CO, smoke/CO combination, heat, etc.). With 18 alarms interconnected, it is still possible to interconnect up to a total of 6 remote signaling devices and/or relay module.

▲ WARNING: This product is intended for use in indoor residential locations. It is not designed to measure compliance with Occupational Safety and Health Administration (OSHA) commercial or industrial standards.

This device is designed to help protect individuals from acute effects of Carbon Monoxide exposure. It will not fully safeguard individuals with specific medical conditions. If in doubt, consult a medical practitioner. Individuals with medical problems may consider using warning devices which provide audible and visual signals for carbon monoxide concentrations under 30 ppm.

CO alarm response times:

70 ppm: 60-240 min, 150 ppm: 10-50 min, 400 ppm: 4-15 min

The alarm shall include a test button that will electronically simulate the presence of smoke and CO and cause the unit to go into both modes of alarm. This sequence tests the unit's electronics to ensure proper operation.

The unit shall incorporate four LED colors. A green LED will be steady on when AC power is connected, or flash every 60 seconds when in the battery only mode. An amber LED will indicate fault conditions. A red LED will flash in sync with the alarm patterns and will also indicate alarm memory. A blue LED is used to assist during Wi-Fi setup.

The unit shall include the HUSH™ feature that silences a smoke alarm for approximately 8-10 minutes if a nuisance alarm condition occurs. The red LED on the alarm will flash every 2 seconds while in HUSH and will automatically reset itself.

At the date of manufacture, the unit shall at a minimum meet the requirements of UL 217, UL 2034, NFPA 72, NFPA 101 (One and two family dwellings), Federal Housing Authority (FHA), and Housing and Urban Development (HUD).

Technical Specifications

Model:	RGCUAR-RW
Power Source:	120V AC, 60 Hz, 85mA max, with 2 AA battery backup
Smoke Sensor:	Photoelectric
CO Sensor:	Electrochemical
Audio Alarm:	85 dB at 10 ft
Temperature Range:	40 °F (4.4 °C) to 100 °F (37.8 °C)
Humidity Range:	10 to 95% relative humidity (RH), non-condensing
Size:	Alarm in box: 6.69" W x 2.8" D x 8.07" H Alarm out of box: 5" W x 1.88" D x 5" H
Weight:	0.45 lb
Wiring:	AC wiring, plug-in quick connector
Interconnects:	Interconnects with up to 24 Kidde devices. Please see User Guide for list of compatible alarms. This alarm is not designed to be interconnected with other manufacturer's products, unless otherwise specified.
Warranty:	10-Year Limited Warranty (batteries excluded)
Replacement Batteries:	Energizer E91, Gold Peak 15A or Golden Power GLR6A. Replacement batteries are available where you purchased this alarm. <i>Note: Do not use lithium batteries in this unit.</i>

▲ WARNING: Mobile alert services are ancillary to the product and for informational purposes only. They are not intended or suitable for life safety or critical purposes nor do these services take the place of third-party life safety monitoring services. This product's smart phone or tablet notifications require a stable Wi-Fi connection, and are only as reliable as your home Wi-Fi network.

Wi-Fi features will not function without AC power present. Alarm can only pair to a 2.4 GHz Wi-Fi network and compatible 802.11b/g/n router. Mobile Phone or Tablet: Requires iOS 14 or later or Android 9 and up.

Ordering Information

Ordering Number	UPC	GTIN	Pack Config.	Pack Qty	Case Dimensions (D x W x H inches)	Case Weight (lbs)	Cartons/Pallet
21033275	47871332755	10047871332752	Box	3	9.45 x 7.24 x 8.39	3.9	96