



120V
+ 2 AA BACKUP
BATTERIES

SMART SMOKE + CO ALARM

120V + 2 AA BACKUP BATTERIES (INCLUDED)

MODEL 30CUAR-WCA | ITEM 21033406

ADVANCED SENSING TECHNOLOGY

React quickly with fast smoke detection.

REAL-TIME NOTIFICATIONS IN THE KIDDE APP

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

WHOLE HOME SMART CONNECTIVITY¹

Add one smart alarm to your existing Kidde hardwired alarms for real-time mobile alerts for your entire home.



Conforms To
Standards
ULC 531 and
CSA 6.19-17



Photometric +
Firmware
Technology

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 Kidde 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 and low battery warnings. Just download the Kidde App to begin alarm setup — no additional devices required. This Kidde App enabled smoke alarm features enhanced sensing technology to reduce false alarms** often caused by cooking. Crystal-clear voice alerts announce "Fire!" to warn you of danger. 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

- **Reduced Nuisance Alarms**** – Enhanced sensing technology reduces false alarms often caused by cooking.
- **Everything You Need is in the Box** – Download the Kidde App for simple setup — no additional devices required.
- **Simple Setup with Wi-Fi** – Connect quickly using 2.4 GHz Wi-Fi and what's in the box.
- **Hush False Alarm From Your Phone*** – Complete control at your fingertips means no dragging out the ladder.
- **Early Low Battery Alerts** – Receive advance warnings on your phone.
- **Voice Alerts** – Crystal-clear voice alerts tell you exactly why your alarm is sounding.
- **Works with Leading Smart Home Devices¹** – Compatible with Alexa enabled devices and Google Home.



¹Amazon, Alexa and all related marks are trademarks of Amazon.com, Inc. or its affiliates. Google and Google Home are trademarks of Google LLC.

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 ULC/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. 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 305 m (1000 ft) of wire can be used in the interconnect system. Use standard agency approved household wire (as required by local codes).

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.

Architectural & Engineering Specifications

▲ WARNING: *This product is intended for use in ordinary indoor locations of family living units. It is not designed to measure compliance with commercial or industrial standards. It is not suitable for installation in hazardous locations as defined in the local building code.*

This device is designed to 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.

*Based on total household installations as of December 2023. **Compared to prior Kidde generations of smoke alarms. *Different models offer different interconnection options and requirements. See User Guide for more info. *This feature is available on this Kidde Smart Alarm, not other interconnected alarms and may require your mobile device to be connected to the same Wi-Fi network as the alarm or in close proximity. Alarms cannot be hushed while the user is away from the property.

The unit shall incorporate three 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 smoke alarm pattern and will also indicate alarm memory.

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 ULC 531 and CSA 6.19-17.

Technical Specifications

Model:	30CUAR-WCA
Power Source:	120V AC, 60 Hz, 85mA max, with 2 AA backup battery
Smoke Sensor:	Photoelectric
CO Sensor:	Electrochemical
Audio Alarm:	85 dB at 3 m (10 ft)
Temperature Range:	4.4 °C (40 °F) to 37.8 °C (100 °F)
Humidity Range:	10 to 95% relative humidity (RH), non-condensing
Size:	Alarm in box: 17 cm W x 7.1 cm D x 20.5 cm H Alarm out of box: 12.7 cm W x 4.8 cm D x 12.7 cm H
Weight:	0.20 kg
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 smartphone 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	1 of 5	Pack Config.	Pack Qty	Case Dimensions (D x W x H cm)	Case Weight (kg)	Cartons/Pallet
380-21033406	047871334063	10047871334060	Box	3	24 x 18.4 x 21.3	1.77	96