9 V Photoelectric Talking Smoke & Carbon Monoxide Alarm

with 9 V Front-Loading Battery Door

10 YEAR LIFE
40% Longer life than other alarms
Vie plus longtemps que d'autres avertisseurs
DURÉE DE VIE DE 10 ANS

- Photoelectric Technology
- Voice Warning
- Front-Loading Battery Door
- Hush® / Test / Reset Button

Features and Benefits

- **Combined Smoke & Carbon Monoxide Alarm** – A single unit can be installed where previously, two were needed. Reduces installation time and protects against both fire and carbon monoxide dangers.

- **Voice Warning** – Announces the hazard type detected (in English and French). Alarm announces "FIRE!" when a smoke or fire hazard is detected and announces "WARNING! CARBON MONOXIDE!" when a CO hazard is detected. Also announces "LOW BATTERY" when it is time to replace the batteries.

- **Photoelectric Technology –** May detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms

- **9 V Front-Loading Battery Door** – Change the battery without removing the unit from the ceiling, providing continuous protection in the case of a power outage.

- **Multi-function One Button Design includes**:
  - **Hush® Feature** – Temporarily silences nuisance alarms for approximately 10 minutes (smoke must be present before Hush® is activated. Will announce "Hush mode activated," or "Hush mode cancelled.").
  - **Test Feature** – Simultaneously tests the unit's electronics and verifies proper operation. System announces "Push Test Button" when the unit is powered up, reminding user to activate the Test Button.
  - **Reset Feature** – Resets the carbon monoxide alarm
  - **Alarm / Peak Level Memory** – If alarm has detected a CO level of 100ppm or higher since it was last reset, the green LED will blink once every 16 seconds and a voice alarm will announce "Carbon Monoxide Previously Detected" if the Test/Reset button is pressed.

- **Tamper Resistant** – Deters removal of the unit from the wall or ceiling and optional battery carrier tamper resist feature that prevents the battery door from being opened.

- **End of Life Notification** – Ten (10) years after unit is first powered, this alarm will "chirp" twice every 30 seconds to indicate it is time to replace the alarm.

- **End of Life Hush Feature** – Allows you to temporarily silence End of Life chirp 3 days at a time for a maximum of 30 day life extension.

Alarm Warnings

- **Fire:** The red LED will flash and be accompanied by three long alarm beeps followed by a verbal warning message "FIRE! FIRE!". This pattern will repeat until smoke is eliminated.

- **Carbon Monoxide:** The red LED will flash and be accompanied by four short alarm beeps followed by a verbal warning "WARNING! CARBON MONOXIDE!" After four minutes the alarm/voice pattern will sound once every minute until the unit is reset, or the CO eliminated.

- **Low Battery:** the red LED light will flash and the unit will "chirp" one time, followed by a verbal warning "LOW BATTERY". his pattern will continue every minute for the first hour. After the first hour, the red LED light will flash once every minute accompanied by the chirp sound. The "LOW BATTERY" warning will only sound once every 15 minutes and will continue for at least seven (7) days.

- **Voice Hush Indication:** "HUSH MODE ACTIVATED" and "HUSH MODE CANCELLED" voice announcement.

SIGNALISATION
SIGNALING

c ® UL ® LISTED HOMOLOGUÉ

CSA ®

CSA-6.19-01

Architectural and Engineering Specifications

The combination smoke and carbon monoxide alarm shall be Kidde model KN-COPE-DCA or approved equal. It shall be powered by one 9 V battery. The temperature operating range shall be between 4.4°C (40°F) to 37.8°C (100°F) and the humidity operating range shall be 10%–95% relative humidity, non-condensing.

The unit shall incorporate a photoelectric smoke sensor with nominal sensitivity of 2.46 ± 0.99 %/ft. The CO sensor shall be of a fuel cell design and shall meet the sensitivity requirements of CAN/CSA 6.19-01 - Residential carbon monoxide alarming devices.

The combination alarm shall provide optional tamper resistance that deters removal of the unit from the wall or ceiling and locks the battery door closed. No additional pieces shall be required to activate this feature. The alarm shall include an easy access battery compartment that is opened and closed by pressing on the battery door. The 9 V battery carrier will ensure proper battery protection by not allowing the battery door to close if the battery is placed in the unit incorrectly or if a battery is not present. The unit shall also provide a battery carrier tamper resistant feature that will prevent the battery door from being opened.

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 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 combination alarm shall have two methods of warning for danger: a piezoelectric horn that is rated at 85 decibels at 10 feet and a voice warning that identifies the danger. For a CO incident, the horn will sound in four (4) short beeps followed by the verbal warning message "Warning Carbon Monoxide!". After four minutes the alarm/voice pattern will sound once every minute until the unit is reset, or the CO eliminated. The red LED light will flash while in alarm/voice mode. In a Smoke incident, the horn will sound three (3) long alarm beeps followed by the verbal warning message "FIRE! FIRE!" This pattern is repeated until the smoke is eliminated. The red LED light will flash while in alarm/voice mode.
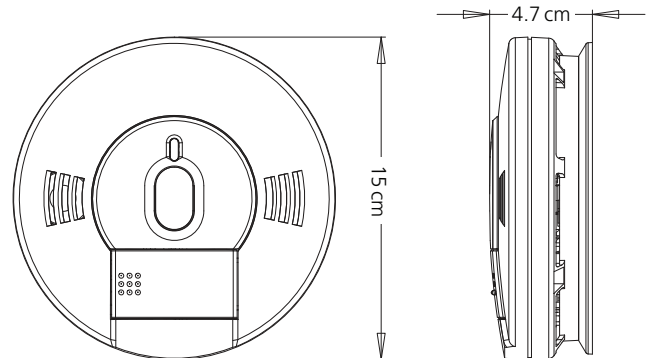
The unit shall incorporate 2 LED's. A green LED will flash every 30 seconds when in standby mode, every 16 seconds to indicate alarm memory, and every 2 seconds to indicate the Hush® mode is active. A red LED will flash in unison with the sounder pattern. The unit shall include a Hush® feature that silences the unit for approximately 10 minutes if a nuisance alarm condition occurs. The Green LED on the alarm will flash every 2 seconds while in Hush® and will automatically reset itself. It also provides voice annunciation of "HUSH MODE ACTIVATED" when Hush® is activated and "HUSH MODE CANCELLED" when the Hush cycle ends.

The unit shall also indicate a low battery warning utilizing each of the following methods: the red LED will flash and the unit will "chirp" one time, followed by the warning message "LOW BATTERY!".

The unit shall at a minimum meet the requirements of CAN/CSA 6.19-01 and CAN/ULC-S531. It shall also include a 10-year manufacturer's limited warranty.

Technical Specifications

Power Source:	9 V battery
Sensors:	Photoelectric and Electrochemical
Audio Alarm:	85 dB at 10 ft
Temperature Range:	4.4°C (40°F) to 37.8°C (100°F)
Humidity Range:	10%-95% relative humidity, non-condensing
Unit Size:	15 cm in diameter x 4.7 cm depth
Unit Weight:	0.32 kg
Interconnects:	No
Warranty:	10-year limited

Ordering Information

UPC: 0-47871-10288-4

Part Number	I2 of 5	Pack Quantity	Case Dimensions (w x d x h centimeters)	Case Weight	Case/Skid
CP9000CA	100-47871-10288-1	8 units	20 cm x 48 cm x 28 cm	3.8 kg	36

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