



Kidde Canada Inc.
P.O. Box 40, Apsley, ON, K0L 1A0
1-800-880-6788
www.kiddecanada.com

A Decade of Protection
Dix ans de protection



10-Year Worry-Free Combination Smoke and CO Alarm



Part Number **P3010L-CO-CA** Model Number **P3010L-CO-CA**

- **Location-Based Installation Prompts:** Smoke detecting technology works to detect real fires faster and reduce nuisance alarms—ideal for all living areas
- **A Decade of Protection:** Sealed Lithium battery lasts 10 years, never needs replacing
- **Intelligent Photoelectric Smoke Technology/ Nighthawk Electrochemical CO Sensors** detect real fires quickly, reduces nuisance alarms
- **Test/Hush Button:** single button tests alarm circuitry, silences false alarms issuing a voice prompt stating “Hush Mode Activated. Mode Hush Activé”
- **A flashing red light** indicator blinks in conjunction with alarm sound, unit error mode and standby condition



Technical Specifications

Part Number: P3010L-CO-CA
Model: P3010L-CO-CA
Power Source: Non-replaceable sealed 10-year lithium battery
Sensors: Photoelectric smoke and Nighthawk Electrochemical carbon monoxide sensors
Audio Alarm: 85dB at 10ft
Temperature Range: 40°F (4.4°C) to 100°F (37.8°C)
Humidity Range: 10% to 85% non-condensing relative humidity (RH)
Size (W x H x D centimeters): 19 x 26 x 6
Weight (lbs): 0.60
Interconnects: No
Warranty: 10 year limited

Ordering Information

UPC: 0-47871-10114-6

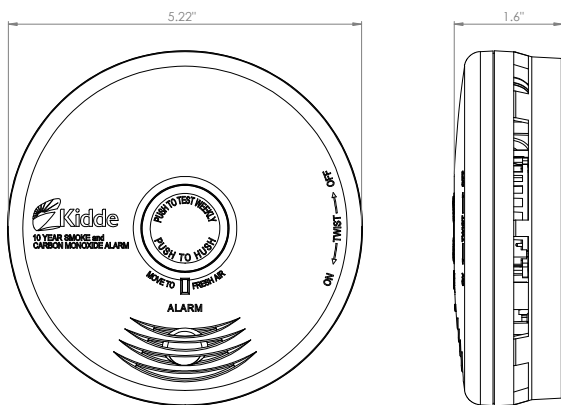
Part Number	i2of5	Pack Quantity	Case Dimensions	Case Weight (lbs)	Case / Skid	Skid / Weight
P3010L-CO-CA	10047871101143	6	20 x 27 x 44	4.30		

Description

The Kidde P3010L-CO-CA is a 10-year, sealed battery, combination smoke and carbon monoxide alarm with photoelectric and electrochemical sensing technology and Smart Hush feature. This combination alarm combines the detection capabilities of a photoelectric sensor - which is more likely to detect larger, more visible fire particles associated with smoldering fires - with that of an electrochemical sensor, which is used to detect CO. Since carbon monoxide is present in all fires, having both detection chambers work together in one alarm is a breakthrough in the fire safety industry. When either sensor notices a potential hazard, it will communicate with the other. Depending on what is detected, the alarm will adjust its smoke sensitivity in order to better discriminate between a real hazard and a false one. This constant communication enhances the alarm's overall performance and significantly reduces the potential for a nuisance alarm.

Consumer Benefits

The Kidde P3010L-CO-CA provides you and your family with a loud warning signal against the dangers of fire, smoke, and CO in your home. The sealed lithium battery operated alarm provides continuous monitoring of the presence of fire, even during power outages when AC-only units are unable to provide protection. The Kidde Worry-Free alarm has a 10-year product life. The battery operated smoke alarm includes multiple mounting options allowing installation on a wall or ceiling.



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Architectural and Engineering Specifications

The combination smoke and carbon monoxide alarms shall be Kidde model number P3010K-CO or approved equal. It shall be powered by a non-replaceable lithium battery with a 10-year life. The lithium battery shall be sealed in the unit to prevent removal/tampering. The unit shall incorporate a photoelectric smoke sensor and an electrochemical carbon monoxide sensor. The CO sensor shall be of a fuel cell design and provide accuracy of +/- 20% +15 PPM. The temperature operating range shall be 10%-85% non-condensing relative humidity.

The alarm can be installed on the surface of any wall or ceiling following the UL/Manufacturer's approved placement guidelines. The alarm shall incorporate an automatic activation feature that will activate the unit as soon as it is attached to the mounting bracket, no other steps are involved.

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
150PPM CO Concentration	10-50 Minutes
400 PPM CO Concentration	4-15 Minutes

The CO sensor shall include a piezoelectric horn that is rated at 85 decibals at 10 feet. For a CO incident, the horn will sound in the repetitive manner - four (4) fast beeps, a short pause, four (4) fast beeps, a short pause. In a smoke incident, the horn will sound in the repetitive manner - three (3) beeps, a pause, three (3) beeps, a pause. The red LED will flash in conjunction with the alarm sound.

The unit shall indicate a low battery condition with a brief alarm chirp and LED flash once every 30 seconds. In standby condition, the LED will flash every 60 seconds for the first 10 minutes following power on or test, and once every 10 minutes thereafter. It will also flash every 10 seconds while in hush mode.

The smoke alarm shall include an End of Life Alert, where ten years after initial power-up the unit shall chirp two times every 30 seconds to indicate the alarm needs to be replaced. The End of Life indication can be silences for 3 days at a time for a maximum of 30 days. The unit shall have a deactivation switch to disable it and make it safe for disposal.

The unit shall at a minimum meet the requirements of UL217, UL 2034, NFPA 72....ONTARIO INFO NEEDED HERE

The unit shall also include a 10-year manufacturer's limited warranty.

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