

## Combination

# Smoke, Heat, and Carbon Monoxide Detector

## 345 MHz Wireless, Supervised Detector

RF-APCMB-345-NN

- **Three Technologies in one device:**
  - Photoelectric smoke detector
  - Thermistor heat detector- plus 41°F freeze notification
  - Electrochemical CO detector
- Wireless signals:
  - Alarm
  - Tamper
  - Low battery
- Detector sounds on alarm; 85 dBA:
  - Smoke and heat: Temporal 3
  - CO: Temporal 4
- Features:
  - Detector dirty notification
  - End-of-life notification
  - Low battery notification
  - Push button to Hush
    - 7 min. silencing on smoke/heat alarms
    - 5 min. silencing on CO alarms
  - Unit end-of-life notification
  - Low battery notification
  - LED indicators
    - Red — alarm
    - Yellow — trouble/fault
    - Green — normal operation
- Rated for residential installations
- 10 year operational life
- Size: 5 x 2.75 inches

The Wireless Combination Smoke, Heat and Carbon Monoxide Detector; RF-APCMB-345-NN is a battery powered wireless detector for use with a 345 MHz compatible wireless alarm system. The detector consists of a photoelectric smoke sensor, thermistor heat sensor, and electrochemical carbon monoxide sensor coupled to a wireless transmitter, which communicates with the control panel.

When fire or carbon monoxide is detected, the detector sounds a loud local alarm and the built-in transmitter sends a signal to the control panel. The Detector contains an integrated fixed 41°F (5°C) temperature freeze sensor that will send a warning signal based on temperature detected. This detector is designed to provide protection with 70-foot spacing capability. The detector can send alarm, tamper and battery condition messages to the system's 345 MHz receiver.



## Specifications

Model Number:	RF-APCMB-345-NN
RF Frequencies:	345 MHz
Compatibility:	Honeywell® and 2GIG® 345MHz control panels
Sensitivity:	2.00 – 3.34%/foot obscuration
Audible Signal:	ANSI Temporal 3/Temporal 4: 85dBA min. in alarm at 10ft / 3m
Battery Type: Requires (2)	Panasonic CR123A 3V or Energizer EL123AP Lithium Batteries
Battery Life:	Annual replacement is recommended for life-safety devices
Enclosure Material:	High Impact ABS
Operating Temperature Range	40°- 100°F (4.4°-37.8° C)
Storage Temperature Range:	40°- 100°F (4.4°-37.8° C)
Operating Humidity	15% - 90% Relative Humidity non-condensing
Dimensions:	5 x 2.75 inches (Diameter x H)

## Regulatory

This device complies with Part 15 of the FCC Rules and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: • Re-orient or relocate the receiving antenna. • Increase the separation between the equipment and the receiver. • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. • Consult the dealer or an experienced radio/television technician for help “For your information, The National Fire Alarm Code, NFPA 72, reads as follows: “11.5.1 Required Detection.” “Where required by applicable laws, codes, or standards for a specific type of occupancy, approved single- and multiple-station smoke alarms shall be installed as follows: 1. In a sleeping rooms and guest rooms 2. Outside of each separate dwelling unit sleeping area, within 6.4 m (21 ft) of any door to a sleeping room, the distance measured along a path of travel 3. On every level of a dwelling unit, including basements 4. On every level of a residential board and care occupancy (small facility), including basements and excluding crawl spaces and unfinished attics 5. In the living area(s) of a guest suite 6. In the living area(s) of a residential board and care occupancy. (Reprinted with permission from NFPA 72®, National Fire Alarm Code Copyright © 2007 National Fire Protection Association, Quincy, MA 02269

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