SMOKE & CO COMBO ALARM
10-YEAR SEALED

BRK®

THE PROFESSIONAL STANDARD

CAT. PC910VB

Sealed 3V Lithium Power Cell

10-YEAR LITHIUM POWER
10 years of continuous protection. No battery change required. Provides audible notice when alarm has reached its end of life.

VOICE WARNING WITH LOCATION
Exclusive! A voice will tell you the programmed location of the unit and danger detected.

TAMPERPROOF SEALED ALARM
Powercell cannot be removed.

ELECTROCHEMICAL CO SENSOR
Most accurate technology available for detecting carbon monoxide as compared to other sensing technologies.

PHOTOELECTRIC
Photoelectric technology is generally more sensitive at detecting large particles, which tend to be produced in greater amounts by smoldering fires.

SILENCE FEATURE
Silences nuisance alarms.

Description:

BRK Model PC910V is a battery operated, 3V lithium power cell single station smoke and CO alarm specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories, and other multifamily dwellings as defined in standard NFPA 101. Model PC910V has been fully tested and complies with, UL217, UL2034 CSFM, NFPA 72, NFPA 720, NFPA 101 and other agencies that model their codes after the above agencies. It meets building codes where tamperproof 10-year sealed lithium battery operated smoke and CO alarms are required and with model building codes published by the ICC.

BRK Model PC910V is a state of the art smoke and CO combination alarm designed to provide early warning of a fire or carbon monoxide danger. It features a fully insect screened Photoelectric smoke sensing chamber and an electrochemical CO sensor and "Voice Warning with Location". This exclusive feature incorporates a voice that will speak one of 11 pre-programmed locations and the danger detected. When the alarm sounds (if programmed for "basement", for example) it will speak "Warning, evacuate, smoke in basement". It features a Sweeping Horn Tone that has a lower and varying frequency that makes it easier for the elderly with normal age related hearing loss to hear the horn. It has a sealed 10-year lithium power cell power supply that is permanently installed, a full function test switch, a silence feature to silence unwanted nuisance alarms, a red LED light that indicates DC power or alarm. The tamperproof design will not allow the powercell to be removed. The low power warning indicator will cause the alarm to "chirp" when it reaches the end of its service life and needs to be replaced. Upon end of life, the unit meets UL requirements for disabling the alarm and non-reinstallation of unit to mounting bracket. It also features a tamper resistant locking pin that locks alarm to the mounting bracket. Perfect for apartment, dormitory or hotel applications.
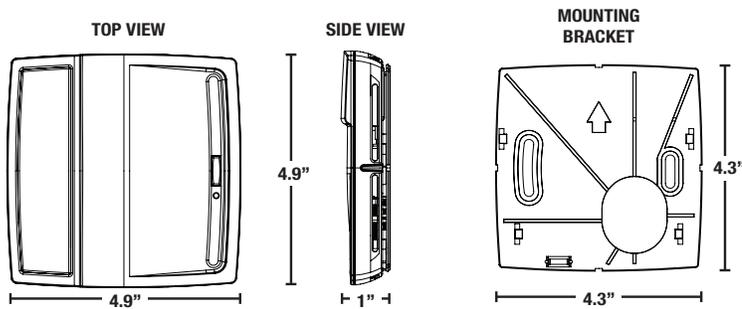
The compact, low profile design complements any décor. Designed for wall or ceiling mounting. Includes mounting anchors and screws.

SMOKE AND CO ALARM

Exclusive!
Voice Warning! WITH LOCATION ™

LIMITED **10** YEAR WARRANTY

p PHOTOELECTRIC

Listed to UL 217 & UL 2034 Standards

CAT. PC910VB

TOP VIEW   SIDE VIEW   MOUNTING BRACKET

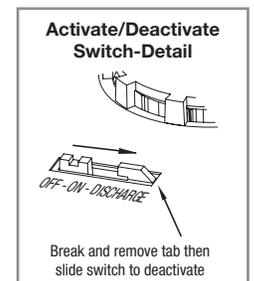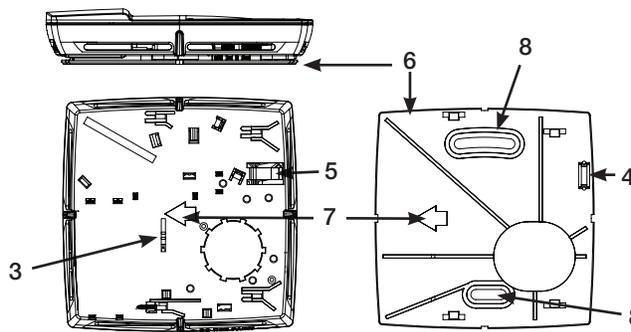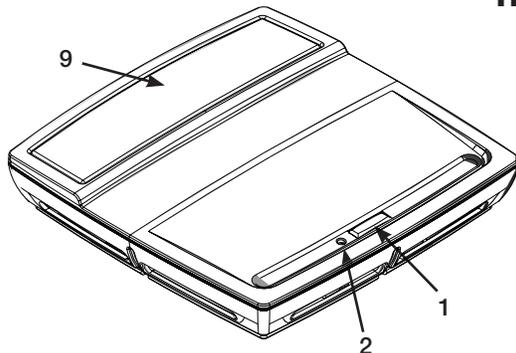## ARCHITECTURAL AND ENGINEERING SPEC

The smoke and CO combination alarm shall be a BRK Model PC910V and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber and an electrochemical CO sensor.
2. A Voice Warning of danger detected (Smoke and/or Carbon Monoxide) in addition to speaking one of 11 pre-programmed locations, e.g. "Warning, Evacuate, Smoke in Basement".
3. The unit shall have a lower and varying horn frequency to make it easier for the elderly with normal age related hearing loss to better hear the horn.
4. A fully screened sensing chamber to resist entry of small insects thereby reducing the probability of unwanted alarms and be capable of self restoring.
5. Powered by a sealed 10-year lithium powercell with a tamperproof design. The tamperproof design shall not allow the powercell to be removed. A low power warning indicator shall cause the alarm to "chirp" when it reaches the end of its service life and needs to be replaced. Upon end of life, the unit shall meet UL requirements for disabling the alarm and the non-reinstallation of unit to mounting bracket.
6. A visual LED power-on indicator to confirm unit is receiving power or is in alarm.
7. A full function test button. The test button should check all alarm functions by stimulating the chamber to simulate a smoke and CO condition, causing the unit to alarm.
8. Two Silence features - Low Battery Silence: Silence low battery chirp for up to 8 hours. Alarm Silence: Temporarily silence unwanted nuisance alarms.
9. A tamper resistant locking pin that locks alarm to the mounting bracket.
10. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 90%.
11. The unit shall contain mounting hardware and shall be listed for wall or ceiling mounting.
12. The unit shall at a minimum meet the requirements of UL217, UL2034, CSFM, NFPA 72, NFPA 720, NFPA 101, ICC.

INSTALLATION OF ALARM

Installation of this smoke alarm must conform to NFPA 72. Always check your local building codes. Follow all instructions for placement as outlined in the user's manual in sections titled "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms".

TECHNICAL SPECS

Alarm Dimensions:	4.92"L x 4.92"W x 0.96"H
Weight:	5.6 oz
Operating Voltage:	3V Lithium Power Cell
Temperature Range:	40°F (4°C) to 100°F (38°C)
Humidity Range:	10% to 95% relative humidity (RH)
Audio Alarm:	85dB at 10 feet
Test/Silence:	Electronically simulates smoke or CO condition, causing the unit to alarm. Press and hold test/silence button.
Alarm Reset:	Automatic when smoke or CO clears
Smoke Sensor:	Photoelectric
CO Sensor:	Electrochemical
Indicator Lights/Sounds:	
DC Power:	Intermittent Red LED
Local Alarm:	Audio Alarm, Voice with location, rapidly flashing red LED
Listing:	Listed to UL217 and UL2034 Standards

SHIPPING SPECS

Individual Carton Dimensions	4.94 "L x 1.31"D x 6.63"H
Weight	0.45 lbs.
Cube	0.03 ft3
UPC	0 29054 01186 2
Master Carton Dimensions	10.50 "L x 8.13"W x 6.38"H
Master Pack	12
Weight	5.7 lbs.
Cube:	0.32 ft3
I2of5:	200 29054 01186 6
Pallet Information	
Cases per Layer	19
Number of Layers:	8
Cases per Pallet:	152
Units per Pallet:	1,824
Cube:	62.2 ft3
Weight:	938 lbs.

THE PARTS OF THIS SMOKE & CO ALARM

Activate/Deactivate Switch-Detail

Break and remove tab then slide switch to deactivate

1. Test/Silence button
2. LED alarm light
3. Activate/Deactivate Switch
4. Locking tab slot (Break out Tab)
5. Locking tab
6. Mounting bracket
7. "This way up" Arrow
8. Mounting Slots
9. Speaker Grill

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