Description:

BRK PRC700B (model PC1200) is a battery operated single station photoelectric smoke and carbon monoxide combination 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. BRK PRC700B 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 battery operated photoelectric smoke and carbon monoxide combination alarms are required and with model building codes published by the ICC.

BRK PRC700B 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 photoelectric smoke sensing chamber and an electrochemical CO sensor. Two AA alkaline batteries power supply, 10 Year CO sensor, 10 Year End of Life feature and single button test/silence. This alarm has two silence features. Low Battery Silence: Temporarily silence the low battery chirp for up to eight hours. Alarm Silence: Silence alarm for several minutes. It also features a tamper resistant locking pin that locks the alarm to the mounting bracket to prevent removal of batteries or alarm. Designed for wall or ceiling mounting. Includes mounting anchors and screws.
The smoke and CO combination alarm shall be a BRK Model PC1200 (cat. no. PRC700B) and shall provide at a minimum the following features and functions:

1. A Photoelectric smoke sensing chamber and an electrochemical CO sensor.
2. The unit shall have an “10 Year End of Life” signal. This signal should be capable of temporarily being silenced for up to 2 days. After about 2 days, the signal will resume. After about 2-3 weeks the signal cannot be silenced.
3. Fully screened smoke sensing chamber to resist entry of small insects thereby reducing the probability of unwanted alarms and be capable of self restoring.
4. Powered by replaceable 2 AA alkaline batteries and a solid state piezo horn rated at 85dB at 10 ft.
5. A visual LED power-on indicator to confirm unit is receiving power or is alarm.
6. A full function test button should check all alarm functions by simulating a smoke and CO condition, causing the unit to alarm.
8. Tamper resistant locking pin that locks alarm to mounting bracket to prevent removal of batteries.
9. The unit shall be capable of operating between 40°F (4°C) and 100°F (38°C) and relative humidity between 10% and 95%.
10. The unit shall contain mounting hardware and shall be listed for wall or ceiling mounting.
11. 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 alarm must conform to NFPA 72 and 720. 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**: 5.7” Dia. x 1.28” H
- **Weight**: 7.5 oz
- **Operating Voltage**: 3V Battery Powered (2 AA Alkaline)
- **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 and CO conditions, causing the unit to alarm. Press and hold test/silence button.
- **Alarm Reset**: Automatic when smoke clears
- **Smoke Sensor**: Photoelectric
- **CO Sensor**: Electrochemical
- **Indicator Lights/Sounds**:
  - **DC Power**: Intermittent Green LED
  - **Local Alarm**: Audio alarm and rapidly flashing Red LED
- **Listing**: Listed to UL217 and UL2034 Standards

**SHIPPING SPECS**

- **Individual Carton Dimensions**: 5.75”L x 1.38”D x 5.75” H
- **Weight**: 0.57 lbs.
- **Cube**: 0.03 ft³
- **UPC**: 0 29054 01497 9
- **Master Carton Dimensions**: 8.88”L x 6.06”W x 6.31”H
- **Master Pack**: 6
- **Weight**: 3.8 lbs.
- **Cube**: 0.20 ft³
- **I2of5**: 600 29054 01497 1

**Pallet Information**

- **Cases per Layer**: 32
- **Number of Layers**: 8
- **Cases per Pallet**: 256
- **Units per Pallet**: 1,536
- **Cube**: 55.8 ft³
- **Weight**: 1,035 lbs.

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