**Model SC9120B**

**Input**: 120V AC

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### Technical Specifications

- **Class**: AC/DC Smoke/CO Alarm
- **Rated Current**: 0.5 Amps
- **Rated Voltage**: 120Vac

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### Before You Begin Installation

1. **Prepare the area**: Ensure the area is clean and dust-free.
2. **Test the alarm**: Before installation, test the alarm to ensure it is working properly.
3. **Read the instructions**: Carefully read the installation instructions provided.

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### Installation

1. **Mounting the alarm**: Use the provided mounting bracket and screws to mount the alarm on a wall or ceiling.
2. **Connect the wires**: Connect the alarm wires to the power source and the alarm itself.
3. **Test the alarm**: After installation, test the alarm to ensure it is working properly.

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### How to Install a Smoke/CO Alarm

- **Tools needed**: Screwdriver, wire cutters
- **Steps to follow**: Remove the batteries, connect the wires, replace the batteries, and test the alarm.

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### Using the Optional Locking Features

- **Mounting Bracket Lock**: Prevents tampering and offers an additional layer of security.
- **The Cover of Your Smoke/CO Alarm**: A protective cover to prevent accidental activation.

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### Technical Notes

- **System Compatibility**: The alarm is compatible with most existing smoke and CO alarm systems.
- **Battery Life**: Replace batteries twice a year for optimal performance.

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### Additional Information

- **Features**: Including loud sound, visual alerts, and long battery life.
- **Safety Tips**: For a safe and secure installation, follow the manufacturer’s guidelines.
**PREVENTING CARBON MONOXIDE (CO) POISONING**

**GENERAL INFORMATION**

Carbon monoxide (CO) is a colorless, odorless gas that is highly toxic. It is produced by the incomplete combustion of carbon-containing fuels such as gasoline, wood, coal, and natural gas. It is a byproduct of many household items, including gas stoves, water heaters, and furnaces. CO is a serious health threat and can cause permanent brain damage or death if not detected and treated promptly.

**WHERE TO INSTALL**

- **Every Bedroom, Including Guest Rooms**
- **Halls**
- **Kitchen**
- **Unfinished Basements**
- **Fireplaces**
- **Garage**

**RECOMMENDED LOCATIONS**

- **Install CO alarms on outside walls of bedrooms and other areas where people sleep**
- **Install CO alarms on outside walls of the sleeping area if the bedroom is separated from the rest of the living unit by the following:**
  - **Open doors**
  - **Open windows**
  - **A fire resistant barrier**
  - **A combination smoke/CO detector**

**CAUTIONS**

- **Do not install CO alarms in areas where there are appliance vents (e.g., clothes dryer)**
- **Do not install CO alarms in an area which could have battery or power supply problems**

**INTERCONNECTION**

Interconnecting CO alarms can provide additional protection since one alarm will trigger the other alarms when it detects CO. This can be accomplished by hardwiring the alarms together or by using a wireless interconnection system. For current requirements in your area, refer to NFPA 72, National Fire Alarm and Signaling Code. Interconnections must be installed in all single and multiple-station fire alarm systems. Interconnection of CO alarms is not regulated by the UL 2034 standard.

**COMPLIANCE**

- **Interconnected CO alarms must be approved**
- **Interconnected CO alarms must be listed by an independent laboratory**
- **Interconnected CO alarms must be installed by a licensed electrician**

**REPLACEMENT BATTERY**

- **Replace the battery according to the manufacturer’s instructions**
- **Replace the battery at least once a year**

**LIMITED WARRANTY**

This product is warranted to the original consumer purchaser for a period of two (2) years from the date of purchase against defects in materials and workmanship. The warranty does not cover accidental misuse or improper installation. The warranty is void if the product is altered or repaired by anyone other than BRK or an authorized service center.

**TROUBLESHOOTING**

**SYMPTOMS OF CO POISONING, Continued**

**Health Effects:**

- **Headache:** Often described as a “migraine headache.”
- **Dizziness:** Weakness, lightheadedness, vomiting.
- **Nausea:** Vomiting, diarrhea.
- **Flu-like symptoms:** Fever, chills, shaking chills, muscle aches.
- **Confusion, irritability:** Irritability, nervousness, weakness.
- **Cognitive difficulties:** Memory loss, impaired concentration, impaired judgment.
- **Visual disorders:** Vision loss, double vision, eye pain.
- **Hearing loss:** Temporary or permanent hearing loss.

**Medical Symptoms:**

- **Chest pain:** May become more severe and require immediate medical attention.
- **Arrhythmia:** Abnormal heart rhythm.
- **Sweating:** Profuse sweating.
- **Diaphoresis:** Excessive sweating.
- **Tachypnea:** Rapid breathing.
- **Tachycardia:** Rapid heartbeat.
- **Pallor:** Pale skin.
- **Anxiety:** Nervousness, restlessness.
- **Sweat:** Chills.

**Prevention:**

- **Avoid carbon monoxide exposure by installing CO alarms in your home.**
- **Install CO alarms in every bedroom, including guest rooms.**
- **Install CO alarms in hallways.**
- **Install CO alarms in the kitchen.**
- **Install CO alarms in unfinished basements.**
- **Install CO alarms in fireplaces.**
- **Install CO alarms in garages.**

**Installation:**

- **Install CO alarms on outside walls of bedrooms and other areas where people sleep.**
- **Install CO alarms on outside walls of the sleeping area if the bedroom is separated from the rest of the living unit by the following:**
  - **Open doors**
  - **Open windows**
  - **A fire resistant barrier**
  - **A combination smoke/CO detector**

**Maintenance:**

- **Replace the battery at least once a year.**
- **Check the CO alarm’s carbon monoxide sensor for proper operation.**
- **Check the CO alarm’s battery for proper operation.**
- **Check the CO alarm’s protective cover for proper operation.**

**Interconnection:**

Interconnecting CO alarms can provide additional protection since one alarm will trigger the other alarms when it detects CO. This can be accomplished by hardwiring the alarms together or by using a wireless interconnection system.

**Compliance:**

- **Interconnected CO alarms must be approved**
- **Interconnected CO alarms must be listed by an independent laboratory**
- **Interconnected CO alarms must be installed by a licensed electrician**

**Replacement Battery:**

- **Replace the battery according to the manufacturer’s instructions**
- **Replace the battery at least once a year**

**Limited Warranty:**

This product is warranted to the original consumer purchaser for a period of two (2) years from the date of purchase against defects in materials and workmanship. The warranty does not cover accidental misuse or improper installation. The warranty is void if the product is altered or repaired by anyone other than BRK or an authorized service center.

**Troubleshooting:**

- **If the CO alarm sounds for no apparent reason:**
  - **Check the CO alarm’s protective cover for proper operation.**
  - **Check the CO alarm’s battery for proper operation.**
  - **Check the CO alarm’s carbon monoxide sensor for proper operation.**

- **If the CO alarm does not sound when exposure to CO is detected:**
  - **Check the CO alarm’s protective cover for proper operation.**
  - **Check the CO alarm’s battery for proper operation.**
  - **Check the CO alarm’s carbon monoxide sensor for proper operation.**

- **If the CO alarm malfunctions:**
  - **Contact the manufacturer for repair or replacement.**
  - **Replace the battery according to the manufacturer’s instructions.**

**Regulatory Information for CO Alarms:**

- **CO alarms covered by these requirements are intended for use in single-family residences.**
- **CO alarms are not intended for use in mobile homes or in any building not defined as a "household."

**Special Compliance Considerations:**

This CO alarm is available for use in at-risk communities, including the elderly, those with reduced mobility, and those with reduced cognitive function. The CO alarm must be hardwired to a separate power source and not connected to the same power source as other CO alarms in the same household. This CO alarm must be installed in a location where the alarm will be audible to all occupants of the building. The CO alarm must be tested by a qualified technician on a regular basis.