**Introduction**

This Smoke/CO Alarm is approved for use in single-family homes and in multi-unit living units that do not have central alarm monitoring systems. It is not approved for use in commercial or industrial settings.

**General Information**

- **Ionization Technology:** This device is designed to detect smoke particles rather than heat, which is the basis of many traditional alarms. It is particularly effective at detecting smoldering fires which may not be detected by other types of alarms.
- **Carbon Monoxide (CO) Alarm:** This device is designed to detect CO gas, which is odorless, colorless, and can be highly toxic. It is important to have a CO alarm, especially in areas where combustion is common, such as garages or near furnaces.

**Installation**

**Main Smoke/CO Alarm Installation:**

- Install the Smoke/CO Alarm on the ceiling, at least 15 feet (4.6 meters) away from any wall or door, and at least 20 feet (6.1 meters) from the nearest fuel furnace or boiler. In general, install combination Smoke and CO Alarms on every level of your home.

**Battery Replacement:**

- It is recommended to replace the battery at least once a year or when the "Low Battery" indicator is shown on the alarm. This is important for maintaining the effectiveness of the alarm.

**Important Notes:**

- **Low Battery Warning:** When the battery is low, the alarm will beep every 2 seconds with a long beep every 15 seconds. This is an indication that the battery should be replaced.
- **End of Life Warning:** The End of Life alarm, which sounds every 2 seconds, will alert you that the alarm is reaching the end of its service life and should be replaced.

**Maintenance and Testing:**

- **Weekly Testing:** The Smoke/CO Alarm should be tested at least once a week by pressing the Test Button. This will confirm that the alarm is working properly.

**Conclusion:**

By following the guidelines and recommendations provided in this manual, you can ensure that your Smoke/CO Alarm is working effectively and providing you with the necessary protection against smoke and carbon monoxide.

**Additional Resources:**

- **User's Manual:** Available for download on the manufacturer's website.
- **Installer's Manual:** Available for download on the manufacturer's website.

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**CO Problems:**

- **Smoke Problems:** Look for visible smoke or burning embers.
- **Gas Problems:** Look for signs of gas leaks or smell of gas.
- **Combustion Problems:** Look for signs of incomplete combustion, such as black soot or a lot of smoke.

**Symptoms of CO Poisoning:**

- **Mild Exposure:** Tired, headache, and drowsiness.
- **Moderate Exposure:** Nausea, vomiting, and confusion.
- **Severe Exposure:** Loss of consciousness, convulsions, and death.

**Important:** It is important to take appropriate action if you suspect CO poisoning, such as calling emergency services or evacuating the area.
ABOUT SMOKE ALARMS

Safety (DC) operated Smoke Alarms: Provide protection even when AC power is not available. The battery backup power in a DC operated Smoke Alarm will operate the Alarm as long as there is smoke or heat detected.

AC powered Smoke Alarms: Can be interconnected so if one alarm sounds, the rest will also sound. They do not operate if AC power is lost. AC powered Smoke Alarms are the preferred type because they do not have to be hard-wired for there is a 10 year sealed tamper resistant battery included. AC and AC/DC units work on AC power only.

Smoke Alarms for Solar or Wind Energy systems and battery powered Smoke Alarms: Operating Smoke Alarms are powered by rechargeable batteries and will only sound if there is battery power. Solar powered Smoke Alarms are designed to work with a DC power source only. This type of Smoke Alarm is connected to a solar array which provides power to the “DC” system. Battery Backup Smoke Alarms are designed to work with AC power only. Rechargeable batteries will supply power during a power interruption. If smoke or heat is detected, a battery operated Smoke Alarm will sound. AC powered Smoke Alarms are not powered by solar or wind energy. They are powered by AC power only and will operate with AC power only.

Smoke Alarms for the hearing impaired: Special purpose Smoke Alarms with strobes and/or horn sounds can be used to notify hearing impaired individuals. A visual strobe or horn alarm may be used to notify hearing impaired individuals when there is a fire in the home.

Smoke alarms are not to be used with detector guards unless the manufacturer has recommended and found suitable for that purpose. All these Smoke alarms are designed to provide early warning of fire and smoke. They are not designed to provide warning of other hazards such as gas leaks, carbon monoxide, etc.

This Smoke Alarm is not designed to do more than the Government requires. It is for use in your home only. It is not designed for mobile homes or for use in commercial or industrial occupancies.

SPECIAL COMPLIANCE CONSIDERATIONS

This Smoke Alarm is suitable for use in: dwellings, commercial, industrial, recreational vehicles, boats, lake or seaside, and other buildings; provided a trained fire protection engineer or professional installer evaluates the Smoke Alarm's compatibility with your building's smoke control and ventilation systems. If the Smoke Alarm is not used in accordance with these instructions, the manufacturer, supplier, or retailer accepts no responsibility for the protection provided by the Smoke Alarm.

This Smoke Alarm is not to be used in or connected to any circuit equipment which can cause interference that may cause undesired operation. The Smoke Alarm may also cause interference that may cause undesired operation.

This烟雾报警器被FCC（联邦通信委员会）批准，可以产生无线电频率能量，如果未按指示安装和使用，可能对无线电或电视接收造成有害干扰。在这种情况下，用户将必须自费承担采取不干扰的必要措施。

This Smoke Alarm is not intended for use in places of business or in areas of heavy water vapor or humidity, as it could damage the alarm. This Smoke Alarm is not intended for use in any area where water vapor or humidity are present, as it could damage the alarm. This Smoke Alarm is not intended for use in areas where high levels of magnetic fields are present, as it could damage the alarm.

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