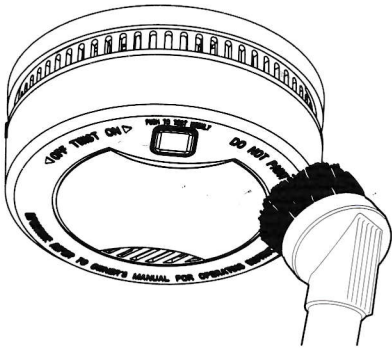


Never use water, cleaners or solvents since they may damage the unit.



- 9.3 If the smoke alarm becomes contaminated by excessive dirt, dust and/or grime, and cannot be cleaned to avoid unwanted alarms, replace the unit immediately.
- 9.4 Relocate the unit if it sounds frequent unwanted alarms. See Section 4 LOCATIONS TO AVOID for details.
- 9.5 When the battery back-up becomes weak, the smoke alarm will sound one beep every 53 seconds (the low battery warning). You should replace the alarm immediately to continue your protection.

10. PRACTICE FIRE SAFETY

If the smoke alarm sounds its alarm horn, and you have not pushed the test button, it is warning of a dangerous

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situation. Your immediate response is necessary. To prepare for such occurrences, develop family escape plans, discuss them with ALL household members, and practice them regularly.

- 10.1 Expose everyone to the sound of a smoke alarm and explain what the sound means.
- 10.2 Determine TWO exits from each room and an escape route to the outside from each exit.
- 10.3 Teach all household members to touch the door and use an alternate exit if the door is hot. **INSTRUCT THEM NOT TO OPEN THE DOOR IF THE DOOR IS HOT.**
- 10.4 Teach household members to crawl along the floor to stay below dangerous smoke, fumes, and gases.
- 10.5 Determine a safe meeting place for all members outside the building.

11. WHAT TO DO IN CASE OF A FIRE

- 11.1 Don't panic; stay calm.
- 11.2 Leave the building as quickly as possible. Touch doors to feel if they are hot before opening them. Use an alternate exit if necessary. Crawl along the floor, and DO NOT stop to collect anything.
- 11.3 Meet at a pre-arranged meeting place outside the building.
- 11.4 Call the fire department from OUTSIDE the building.
- 11.5 DO NOT GO BACK INSIDE A BURNING BUILDING. Wait for the fire department to arrive.

NOTE: These guidelines will assist you in the event of a fire.

However, to reduce the chance that fires will start, practice fire safety rules and prevent hazardous situations.

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12. TROUBLESHOOTING

PROBLEM	SOLUTION
Smoke alarm does not respond.	Please check whether the alarm is properly attached to the mounting bracket.
Red LED flashes and the alarm sounds one beep every 53 seconds.	Battery is low – REPLACE IT IMMEDIATELY!
Red LED flashes and the alarm sounds two beeps every 53 seconds.	The alarm is malfunctioning. Please clean your smoke alarm . Or REPLACE OR RETURN FOR REPAIR IMMEDIATELY!
Smoke alarm sounds unwanted alarms intermittently or when residents are cooking, taking showers, etc.	1. Clean smoke alarm. See Section 9 MAINTENANCE AND CLEANING. 2. Hire an electrician to move smoke alarm to a new location. See Section 3 WHERE TO LOCATE.

13. LIMITATIONS OF SMOKE ALARMS

Smoke Alarms have played a key role in reducing deaths resulting from home fires worldwide. However, like any warning device, Smoke Alarms can only work if they are properly located, installed, and maintained, and if smoke reaches the Alarms. They are not foolproof.

13.1 Smoke alarms may not waken all individuals.

Practice the escape plan at least twice a year, making sure that everyone is involved – from kids to grandparents. Allow children to master fire escape planning and practice before holding a fire drill at night when they are sleeping. If children or others do not readily waken to the sound of the smoke alarm, or if there are infants or family members with mobility limitations, make sure that someone is assigned to

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assist them in fire drill and in the event of an emergency. It is recommended that you hold a fire drill while family members are sleeping in order to determine their response to the sound of the smoke alarm while sleeping and to determine whether they may need assistance in the event of an emergency.

13.2 Smoke alarms cannot work without power.

Battery operated units cannot work if the batteries are missing, disconnected or dead, if the wrong type of batteries are used, or if the batteries are not installed correctly. AC units cannot work if the AC power is cut off for any reason (open fuse or circuit breaker , failure along a power line or at a power station, electrical fire that burns the electrical wires, etc.). If you are concerned about the limitations of battery or AC power, install both types of units.

13.3 Smoke alarms cannot detect fires if the smoke does not reach the alarms.

Smoke from fires in chimneys or walls, on roofs, or on the other side of closed doors may not reach the sensing chamber and set off the Alarm. That is why one unit should be installed inside each bedroom or sleeping area—especially if bedroom or sleeping area doors are closed at night—and in the hallway between them.

13.4 Smoke alarms may not detect fire on another floor or area of the dwelling.

For example, a stand-alone unit on the second floor may not detect smoke from a basement fire until the fire spreads. This may not give you enough time to escape safely. That is why recommended minimum protection is at least one unit in every sleeping area, and every bedroom on every

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