



## **SMOKE ALARM - GENERAL INFORMATION**

**THIS SMOKE ALARM MUST BE INSTALLED BY A LICENSED ELECTRICIAN.**

Please spend a few minutes to read this information thoroughly and let yourself and your family familiarise with its operation and save it for future reference.

### **Read All Instructions Before Installation and Operation**

#### **Description:**

This unit is a photoelectric smoke alarm with smoke sensors inside the products. The photoelectric technology, is sensitive in detecting slow smouldering fires which generate slight smoke, little heat, and smoulder for hours before bursting into flames. There is no radioactive material in the entire product.

Smoke alarms should be installed in every level of your apartment or room (except the bathroom and kitchen), finished attics and basements, to make sure the people in it could hear and have time to respond to the smoke alarm.

For minimum protection, you should install an alarm on every level of your home particularly outside the bedrooms. Each alarm should be installed in the middle of the ceiling of each room to be protected.

#### **Important Safety Information:**

1. There is a Test/Hush button on the surface of the unit. This button accurately tests smoke alarm functions. So do not use any other test method to test the product. Test smoke alarm monthly to make sure the proper operation.
2. If you are sure there is not a real alarm, once alarming sounds, open windows for ventilation or fan away the air around smoke alarm and silence it.
3. Installation of this product must comply with local and national electrical installation and building codes, do not do it by yourself.
4. Install a smoke alarm in every room and / or on every level of the home. As per image below. Smoke may not reach the smoke alarm for various reasons. For instance, if a fire starts from a remote part of the home, or on another level, or even in a chimney, wall, roof, or on the outside of a closed door, smoke may not drift to the smoke alarm in time to alert household members. A smoke alarm will not promptly detect a fire and alarm unless in the area or room of which it is installed.
5. The alarm horn is designed loud enough per international standards in order to alert individuals for a potential danger. However, there may be some circumstances where a household member may not hear the alarm (outdoor or indoor noise, sound sleepers, drug or alcohol usage, the hard of hearing, etc.), You should keep vigilance as you could.
6. Smoke alarms can only sound the alarm when they detect smoke or combustion particles in the air around them. They do not sense heat, flame, or gas. The smoke alarm is designed to give audible warning of a developing fire for people to escape in a timely manner. However, many fires are fast emerging, such as burning, explosive, or intentional, and others are caused by carelessness. In such cases, the smoke alarm may not give an audible alarm/warning quick enough to ensure everyone can safely escape. Therefore, the installation of smoke alarms is not a substitute for practicing fire safety in the home.
7. Smoke alarms have limitations and are not foolproof. Smoke alarms do not fully protect lives or property from fire in any case. They are not a substitute for insurance. Homeowners and renters should have adequate insurance to protect their lives and property. In addition, it is possible for the smoke alarm to fail at any time. For this reason, you must test the smoke alarm monthly and replace them after they have been installed for 10 years.

#### **Information on Smoke Alarms**

##### **What smoke alarms do**

Smoke Alarms can help to protect your home and family members in an event of a fire. For maximum protection, install Smoke Alarms in every bedroom, and every other area of the home like the laundry, living room, dining room, etc.. Make sure the people in the home will be able to hear and respond to the alarm sound once alarming.

**WARNING** – Smoke Alarms may give you a warning of fire and smoke but only if you install, use, and maintain them as recommended in this general information guide.

### What smoke alarms will not do

A Smoke Alarm will not work without power and is not reliable if the battery is low. Depending on your Smoke Alarm model, it may require Mains Power (220-240V AC) or battery (3V DC) in a functioning condition that are installed correctly to operate.

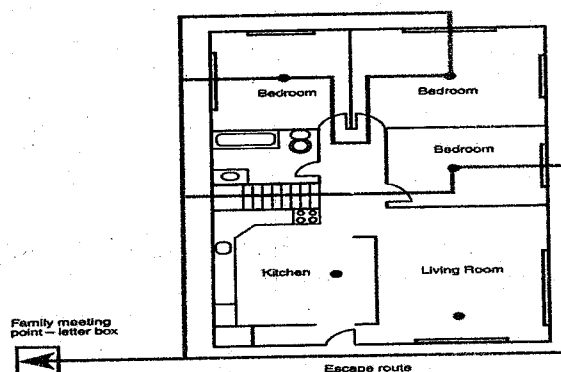
**A Smoke Alarm will not sense a fire when smoke cannot reach the unit** – some cases where a household member may not hear the alarm (outdoor or indoor noise, sound sleepers, isolated area, etc.), therefore it is recommended that Smoke Alarms should be installed inside and outside all bedrooms. A Smoke Alarm will not promptly sense a fire except in the area in which the Smoke Alarm is installed.

**All types of Smoke Alarms have limitations** – No type of Smoke Alarm can sense every kind of fire or smoke every time. So always remain vigilant against fire risks. Fire prevention is your best safeguard.

### Develop and Practice a Plan of Escape

#### BASICS OF AN ESCAPE PLAN --- DO NOT PANIC

- Install and maintain fire extinguishers on every level of the home and in the kitchen, basement and garage. Learn/train family members on how to use a fire extinguisher prior to an emergency.
- Make a floor plan indicating all doors and windows and at least two escape routes from each room. Second story windows may need a rope or chain ladder in case of emergency.
- Have a family meeting to discuss the escape plan, showing everyone the meeting point outside and consolidate what to do in case of fire.
- Determine a meeting point outside your home where you all can meet to count the members if a fire occurs, like a "letter box".
- Familiarise everyone with the sound of the smoke alarm and train them to be aware and to warn others and leave your home when they hear it.
- Practice a fire drill at least every six months, including fire drills at night. Make sure small children and elderly can hear the alarm and wake up when it sounds. They must wake up and act immediately in order to execute the escape plan well. Practice allows all family members to test your plan before an emergency. You may not be able to reach your children. But it is very important they know what to do.
- Current studies have shown smoke alarms may not awaken all sleeping individuals, and that it is the responsibility of individuals in the household that are capable of assisting others to provide assistance to those who may not be awakened by the alarm sound, or to those who may be incapable of safely evacuating the area unassisted.



### What to do if Alarm Sounds

1. Alert children and elderly household members in the home.
2. Leave immediately via your escape plan. Every second counts so don't waste time getting dressed or picking up valuables.
3. When escaping/leaving, do not open any internal doors before knowing the status behind that door. Touch the door surface with your hands quickly, if hot, or if you see smoke seeping through cracks, DO NOT open that door!  
Instead, use your alternate exit. If the internal door is cool, place your shoulder against it, open it slightly and be ready to slam it shut again if heat and smoke rush in.
4. Stay close to the floor if the air is smoky. Breathe shallowly through a wet cloth or wet towel, if possible.
5. Once out of the home, go to your designated meeting point and make sure everyone is there.
6. Call 000 or the fire department from your mobile phone or from your neighbour's home – DO NOT call from your home, if there is smoke or fire!
7. DO NOT return to your home until the fire officials say that it is all right to do so.

**NOTE: These guidelines will assist you in the event of a fire, however, to reduce the chance that fires occur, practice fire safety rules, and prevent hazardous situations.**