

# GUARDIAN™

## MODEL SD6B

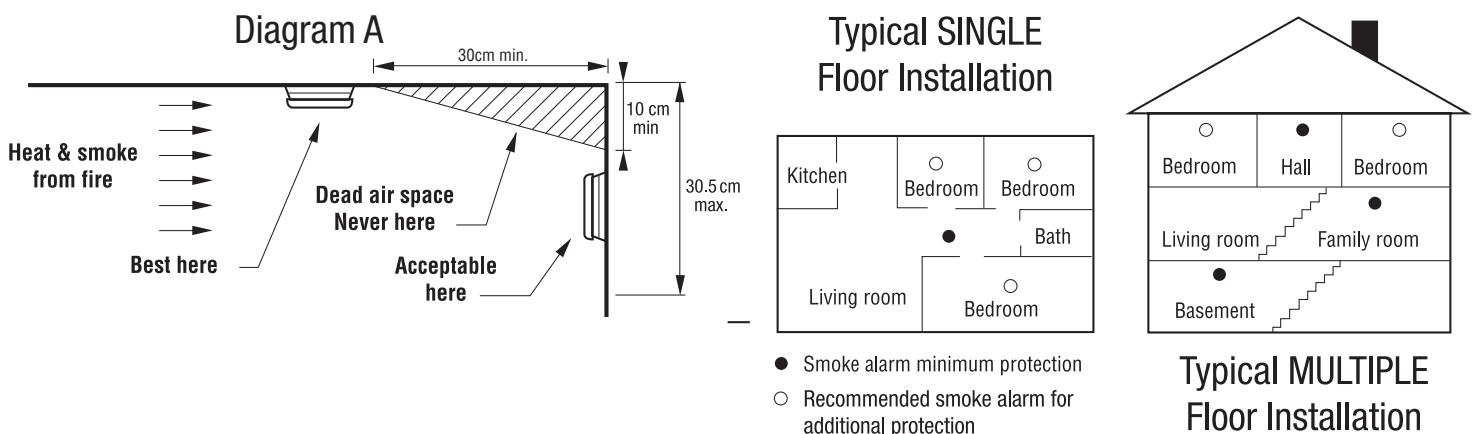
# PHOTOELECTRIC SMOKE ALARM WITH 10 YEAR LITHIUM BATTERY

### BACKGROUND

There are two different types of smoke alarms currently in general use: the ionisation smoke alarm and the photoelectric smoke alarm. While both types of alarms are suitable for general residential use, an ionisation smoke alarm will normally respond faster to fast flaming fires while a photoelectric smoke alarm will be more sensitive in detecting slow smouldering fires. Because home fires develop in different ways and are often unpredictable in their growth, it is impossible to predict which type of alarm will provide the earliest warning. For the best home protection install at least one photoelectric and one ionisation smoke alarm.

### RECOMMENDED LOCATION OF ALARMS

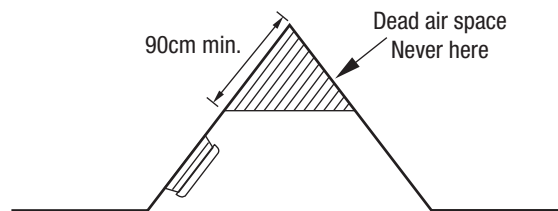
- As close to the centre of the ceiling as possible; or at least no closer than 30cm to any wall or corner. If you are mounting the smoke alarm on a wall, always locate the top of the smoke alarm 10 to 30.5 cm from the ceiling (see Diagram A).
- At a minimum, smoke alarms should be located between sleeping areas and potential sources of fire such as a kitchen, heated garage or basement. In single storey homes with one sleeping area, an alarm should be installed in the hallway outside the bedrooms. In single storey homes with two sleeping areas, a minimum of two alarms are required: one outside each sleeping area. In multi-level homes (includes guest houses, hostels etc.), an alarm should be installed outside and inside each sleeping area, in the basement and on every level of the home.
- Additional smoke alarms should be installed in bedrooms in anticipation of fires originating within these rooms, caused by faulty wiring, lamps, appliances, smoking or other hazards.
- For best protection, smoke alarms should be installed in every room, or every level of your home.
- Install smoke alarms in hallways at a distance no longer than 4 meters from the farthest wall and no greater than 8 meters from the next alarm.
- The distance from the apex of cathedral ceiling to the top of the smoke alarm should be a minimum of 90cm.



## AVOID THESE LOCATIONS

### DO NOT LOCATE YOUR SMOKE ALARM IN

- The kitchen - smoke from cooking might cause an unwanted alarm.
- The garage - products of combustion are present when you start your automobile.
- The front of forced air ducts used for heating and air conditioning.
- The peak of an 'A' frame type ceiling.
- Areas where temperatures may fall below 5°C or rise above 45°C.
- Areas where relative humidity is above 90%.
- The ceiling of a caravan or similar rooms where the sun heats the ceiling and the air at the upper part of the room, in this case mount it on an internal wall.



## DEVELOP AND PRACTICE A PLAN OF ESCAPE

### BASICS OF ESCAPE PLAN

- 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.
- Have a family meeting and discuss your escape plan, showing everyone what to do in the case of a fire.
- Determine a place outside your home where all of you can meet if a fire occurs.
- Familiarise everyone with the sound of the smoke alarm and train them to leave your home when they hear the sound.
- Identify children's bedrooms with red stickers placed in the upper left corner of the windows for easy identification.
- Practice a fire drill at least every six months. Practice allows you to test your plan before an emergency. You may not be able to reach your children. It is important they know what to do.

### WHAT TO DO WHEN THE ALARM SOUNDS

- Leave immediately by your plan of escape. Every second counts, so don't waste time getting dressed or picking up valuables.
- In leaving, don't open any inside door without first feeling its surface. If hot, or if you see smoke seeping through cracks, don't open that door! Instead, use your alternate exit. If inside door is cool, place your shoulder against it, open it slightly and be ready to slam it shut if heat and smoke rush in.
- Stay close to the floor if air is smoky. Breathe slowly through a cloth, wet if possible.
- Once outside, go to your selected meeting place and make sure everyone is there.
- Call the fire brigade from your neighbour's home - not from yours.
- Do not return to your home until fire officials say that it's safe to do so.

### FALSE ALARMS

The smoke alarm is designed to minimise false alarms. Smoking will not normally set off the alarm unless smoke is blown directly into the smoke alarm. Combustion particles from cooking may set off the alarm if the smoke alarm is located close to the kitchen cooking area. Large quantities of combustion particles are generated from spills or broiling.

***If the smoke alarm does sound, check for fires first.*** If a fire is discovered, follow your escape plan and call the fire department. If no fire is present, check to see if one of the reasons listed above may have caused the alarm.

## ACTIVATION

Before commissioning the smoke alarm, it is important to activate and test it for correct operation. Use a screwdriver to push the activation switch to the right. When the smoke alarm is activated, the LED will be illuminated. Test the correct activation of your smoke alarm by pressing the test button. If no sound is generated, the smoke alarm is not activated properly and should not be used!

## INSTALLATION AND MOUNTING INFORMATION

- The smoke alarm will function correctly either as a stand-alone alarm or interconnected
- Place the mounting plate on the desired installation location and mark where the holes should be drilled
- Drill two holes with a diameter of 5 millimetres
- Push the plastic plugs into the holes
- Insert the screws into the mounting plate and tighten them firmly into the plugs
- Place the smoke alarm on the mounting bracket and secure it by turning it clockwise
- Test the correct operation of your smoke alarm by pressing the test button on. If no sound is generated, the smoke alarm is not functioning

## CONNECT MULTIPLE SMOKE ALARMS

1. Choose one smoke alarm as the master smoke alarm.
2. Turn your master smoke alarm into the connect mode by quickly pressing the test button 3 times.
3. The red LED will light up, followed by the blue LED. This indicates that the smoke alarm is in the connect mode and will remain so for 30 seconds.
4. Turn the next smoke alarm into the learn mode by quickly pressing the test button 3 times.
5. The red LED will light up, followed by the green LED. This indicates that the smoke alarms are connected to each other.
6. Repeat step 4 to 5 for connecting more smoke alarms. Make sure that you always use the same master smoke alarm!
7. Test if the your smoke alarm were connected successfully by pressing the test button of a random device until it beeps. All connected devices will beep twice per second for ten seconds and LED flash twice per second for five minutes. Stop these alarms by pressing the test button of each alarm.

## BATTERY

The smoke alarm has a non replaceable 3V Lithium battery. When the battery is low the smoke alarm will indicate this with a repetitive beep and flash for approximately 30 days.

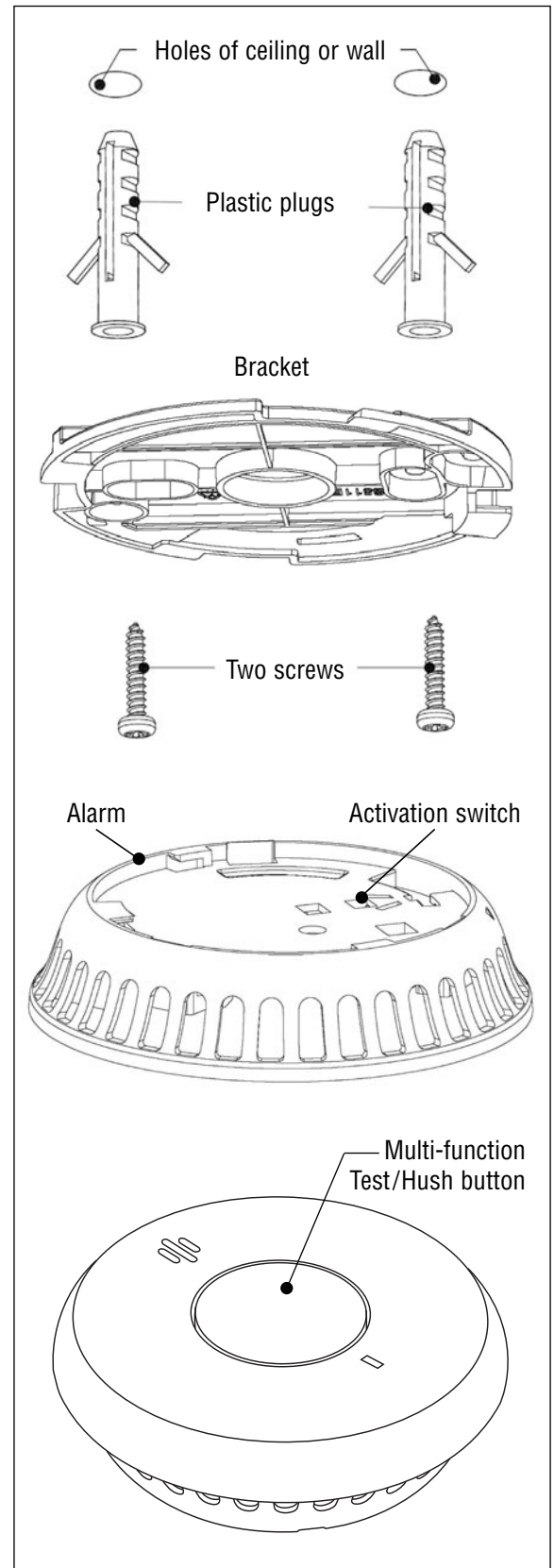


FIG. 1

## RESET THE SMOKE ALARM

1. Disconnect the smoke alarm you want to reset by removing it from the mounting plate, or by pushing the activation switch to the left with a screwdriver.
2. Press and hold the test button and activate the smoke alarm again by pushing the activation switch to the right.
3. Hold the test button while the LED lights up red and release it when the LED turns off.
4. When the LED lights up again, press the test button.
5. The LED will start flashing to indicate that the network is being cleared.
6. When the LED turns off, the connection is successfully cleared.
7. Repeat step 1 to 6 for disconnecting more smoke alarms.

## BAD SAFETY HABITS

Please note that a smoke alarm may not be effective in protecting against fire in the following situations:

- Smoking in bed
- Leaving children home alone and
- Cleaning with flammable liquids, such as petrol

## LIMITED WARRANTY

This manufacturer's warranty is provided by Repelec (Aust) (ACN 003 762 641).

The Guardian smoke alarm is guaranteed for a period of 5 (five) years from date of purchase, provided the product has been installed correctly and in accordance with the instructions provided. This guarantee shall become invalid if this product has been incorrectly installed, misused, tampered with or accidentally damaged.

- If the goods are defective, we undertake to repair or replace the goods or any part of them that is defective; or wholly or partly recompense you if they are defective.
- Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.
- If you wish to make a warranty claim, please return this product to the original place of purchase together with your purchase receipt, or contact Repelec (Aust) - details below.

REPELEC (AUST) AND ITS SUPPLIERS SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR ANY SPECIAL INCIDENTAL CONTINGENT OR CONSEQUENTIAL DAMAGE OF ANY KIND RESULTING FROM A FIRE. THE EXCLUSIVE REMEDY FOR BREACH OF THE LIMITED WARRANTY CONTAINED HEREIN IS THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT AT THE DISTRIBUTORS OPTION. IN NO CASE SHALL REPELEC (AUST) AND ITS SUPPLIERS BEAR ANY LIABILITY UNDER ANY OTHER REMEDY PRESCRIBED BY LAW EXCEEDING THE PURCHASE PRICE. YOUR SMOKE ALARM IS NOT A SUBSTITUTE FOR PROPERTY, DISABILITY, LIFE OR OTHER INSURANCE OF ANY KIND. APPROPRIATE INSURANCE COVERAGE IS YOUR RESPONSIBILITY. PLEASE CONSULT YOUR INSURANCE AGENT.

This warranty does not affect a consumer's statutory rights in any way.



### NATIONAL DISTRIBUTOR



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REPELEC (AUST)

☎ 1300 555 586 🌐 [repelec.com.au](http://repelec.com.au) ✉ [sales@repelec.com.au](mailto:sales@repelec.com.au)