

PSA LifeSaver

HEAT ALARM INSTALLATION AND USER MANUAL



Model LIFHA240

Thank You for using this LIFHA240 Heat Alarm

THIS HEAT ALARM HAS AN EXPECTED SERVICE LIFE OF TEN YEARS UNDER NORMAL CONDITIONS. WE RECOMMEND THAT YOU SHOULD REPLACE THE HEAT ALARM AFTER 10 YEARS FROM INSTALLATION DATE TO ENSURE NORMAL OPERATION.

Your LIFHA240 Heat Alarm is designed for use in a residential dwelling. It is not designed for use in a recreational vehicle (RV) or boat.

Note: Please read this user guide and save the document for future reference and to pass on to any subsequent owner.

Product Support: 1300 772 776

Please record the following information & have this at hand when you call us.

Date Code (on back): _____

Date of Purchase: _____

Where Purchased: _____

Date to Replace: _____

Contents

1. Heat Alarm: What To Do When the Alarm Sounds.....	4
2. Product Features And Specifications	5
3. Recommended Locations Of alarms	7
4. Locations To Avoid	11
5. Installation.....	12
6. Mounting Instructions	14
7. Operation and Testing	15
8. Alarm Nuisance And HUSH.....	17
9. Troubleshooting.....	18
10. Battery Replacement	19
11. The Limitations of Heat Alarms	20
12. Cleaning Your Alarm	21
13. Good Safety Habits.....	22
14. Repairs and Services	22
15. Warranty and Liability	23
16. Product warranty registration.....	24

1. Heat Alarm: What To Do When the Alarm Sounds

Heat alarm pattern is three long beeps, a 1.5 second pause, and three long beeps repeating.

Alert small children in the home as well as anyone else that might have difficulty recognizing the importance of the alarm sounding or that might have difficulty leaving the area without help.

Leave immediately by your escape plan. Every second counts, so don't waste time getting dressed or picking up valuables.

- When 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 the inside of the door is cool, place your shoulder against it, open it slightly and be ready to slam it shut if heat and smoke rush in.
- If the escape route requires you to go through smoke, stay close to the floor where the air is cleaner. Crawl if necessary, and breathe shallowly through a cloth, wet if possible.
- Once outside, go to your selected meeting place and make sure everyone is there.
- Call the fire department from your mobile phone outside, or from your neighbour's home-not from yours!
- Don't return to your home until the fire officials say that it is all right to do so.
- There are situations where a smoke and heat alarm may not be effective to protect against fire. For instance:
 - a) smoking in bed
 - b) leaving children home alone
 - c) cleaning with flammable liquids, such as petrol or methanol.

2. Product Features And Specifications

Product Features

The LIFHA240 Heat alarm is powered from a 240V AC supply, and has a DC battery back-up. AC/DC heat alarms offer added protection in the event of a power failure. Unique power connector prevents interconnecting with incompatible heat alarms, CO alarms, smoke alarms, or security systems. The heat alarms can be interconnected with up to 24 other PSA Lifesaver models. Do not connect to any other type or model of smoke, CO, or heat alarm.

- Hush feature silences unwanted alarms for up to 10 minutes
- Alarm memory identifies when alarm has activated
- Optional use tamper-resistant feature serves as a safeguard against tampering
- The heat alarm will sound a short beep about once every 40 seconds if the battery is low
- Multi-purpose green and red LEDs indicate that the heat alarm is connected to the AC supply, is working normally, or is in alarm
- Loud alarm sounder – 85 dB
- Test button checks heat alarm operation

⚠ WARNING! THIS HEAT ALARM IS NOT DESIGNED AS AN EARLY WARNING TO A FIRE BECAUSE IT DOES NOT DETECT SMOKE. SEE LIMITATIONS OF THE HEAT ALARM IN SECTION 11 FOR DETAILS.

⚠ WARNING! REMOVAL OF HEAT ALARM BATTERY AND DISCONNECTING OR LOSS OF AC POWER WILL RENDER THIS UNIT INOPERATIVE.

DO NOT TRY TO REPAIR THIS HEAT ALARM YOURSELF.

Product Specifications

- Electrical Rating: 240V AC 50HZ, DC battery back up (9V battery).
- Interconnecting Smoke And Heat Alarms- Up to any combination of 23 other alarm models.
- Temperature Rating: 57 °C.
- Maximum Ambient Temperature Rating: 40°C
- Operating Temperature: 0°C TO 40°C
- Operating Humidity: Up To 93% Humidity (Non-Condensing)
- Recommended coverage : 50m²
- Recommended spacing: 5.3m
- Maximum Distance From Wall: 7.7m
- Maximum Ceiling Height: 6m
- Approve to AS1603.3:2018

Important Information

- Please read these instructions before installing the alarm.
- There are no parts within the heat alarm that should be replaced by the user.
- Disconnecting alarm from the mounting base and/or removing the 9V battery will render this heat alarm inactive.
- Only wire the heat alarm to 240V~ 50Hz Sine wave current supply.
- Heat alarm has an expected service life of 10 years under normal conditions.
- Replace the heat alarm 10 years after its installation date.

3. Recommended Locations Of Alarms

This heat alarm must only be wired to a 240V AC 50Hz sine wave current supply.

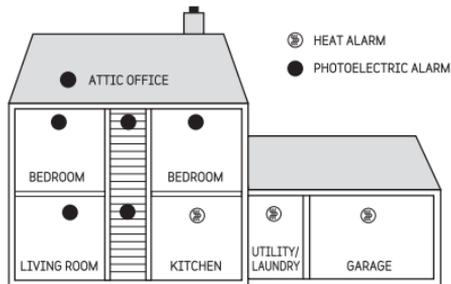
Heat alarms give an audible warning when the temperature at the alarm reaches 57°C.

Heat alarms are ideal for kitchens, garages, cellars, boiler rooms, attics and other areas where there are normally high levels of fumes, smoke or dust which preclude the use of smoke alarms due to the risk of false alarms. Laws on heat alarms vary from state to state and you should be aware of what the requirements are in the state you live - for more information please refer to your local fire emergency services. PSA recommends heat alarms be installed in addition to legislated smoke alarms in areas where there might be high air circulation or in areas such as kitchens, bathrooms or garages where smoke alarms would be subject to higher false alarms.

If, however, the design of the dwelling does not comply with modern fire safety standards, or if factors such as the presence of several young children, elderly occupants or disabled people, or smokers, the use of portable heaters or solid fuel fires during the night, or the use of electric blankets, particularly by the elderly, PSA advises that additional detection devices, installed within rooms, may be necessary.

The most favourable mounting location for a heat alarm is on the ceiling and in the centre of the room. EXCEPTION: When the mounting surface might become considerably warmer or cooler than the room, such as a poorly insulated ceiling, below an unfinished attic, or an exterior wall. In these cases the alarm should be mounted on an inside wall.

- If the alarm cannot be located in the centre of the room, an off-centre location can be used on the ceiling. When off-centre mounting an alarm on the ceiling, locate it at a minimum of 300mm from the side wall (**FIGURE 2A and 2B**).

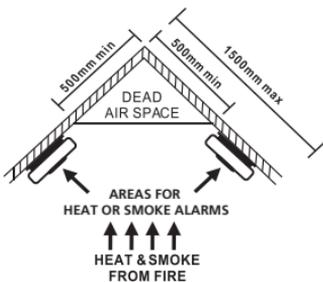


- Check specific State legislation in your area to ensure smoke and heat alarms are correctly located according to local laws. Each State or Territory may differ in building codes and regulations. PSA Products can only recommend the locations.
- Locate an alarm for each separate sleeping area in the immediate vicinity of the bedrooms. Try to monitor the exit path as the bedrooms are usually farthest from an exit. If more than one sleeping area exist, locate additional alarms in each sleeping area in the immediate vicinity.
- Locate additional alarms to MONITOR any stairway because stairways act like chimneys for smoke and heat.
- Locate at least one alarm on every floor level.
- Locate an alarm in every room where a smoker sleeps.
- Locate an alarm in every room where electrical appliances are operated (i.e. portable heaters or humidifiers).
- Locate an alarm in every room where someone sleeps with the door closed. The closed door may prevent an alarm not located in that room from waking the sleeper.
- Smoke, heat and other combustion products rise to the ceiling and spread horizontally. Mounting the alarm on the ceiling in the center of the room places it closest to all points in the room. Ceiling mounting is preferred in ordinary residential construction.
- When mounting alarms on the ceiling, locate it at least 300mm away from the side wall and 300mm away from any corner. (see **FIGURE 2B**).
- When mounting alarms on a wall, use the inside wall. The recommended position is between 300mm and 500mm off the ceiling. (see **FIGURE 2A**).

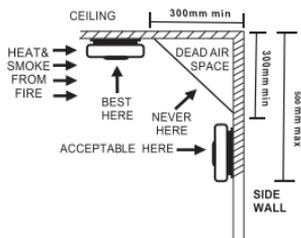
NOTE: The performance of heat alarms mounted on walls is unpredictable and this mounting position is not recommended when ceiling mounting can be implemented.

- In rooms with open joists or beams, all ceiling mounted alarms shall be located on the bottom of such beams. (See **FIGURE 2C**)
- Alarms installed on an open-joist ceiling shall have the smooth ceiling spacing reduced to no more than half of the listed spacing when measured at right angles to the solid joist. (See **FIGURE 2C**)

Location of alarm



Apex Of Sloping Ceiling
FIGURE 2A



Ceiling / Wall Junction
FIGURE 2B

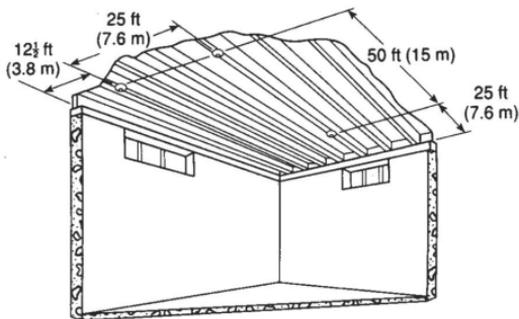
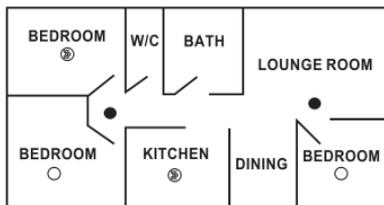


FIGURE 2C

Mobile Home Installation

- Modern mobile homes have been designed and insulated to be energy efficient. Install smoke and heat alarms as recommended (refer to RECOMMENDED LOCATIONS).
- In older mobile homes that are not well insulated compared to present standards, extreme heat or cold can be transferred from the outside through poorly insulated walls and roof. This may create a thermal barrier which can prevent smoke from reaching a smoke alarm mounted on the ceiling. In such units, install smoke and heat alarm on inside partition between 300mm and 500mm from the ceiling.
- If you are not sure about the insulation in your mobile home, or if you notice the walls and ceilings are either hot or cold, install alarm on an inside wall. For minimum protection, install one alarm close to the bedrooms.
- For additional protection, see SINGLE FLOOR PLAN (see **FIGURE 2D**)
- Locate an alarm in every room where a smoker sleeps.

NOTE: Test your smoke and heat alarm operation after mobile home vehicle has been in storage, before each trip and at least once week during use.



- Smoke alarms for minimum protection
- Smoke alarms for additional protection
- ⊗ Heat alarms for minimum protection

**SINGLE FLOOR
FIGURE 2D**

4. Locations To Avoid

- Do not locate your alarm in front of forced air supply ducts used for heating and air conditioning and other high air flow areas.
- Do not locate your alarm less than 500mm from the peak of an "A" frame type ceiling.
- Do not locate your alarm in areas where temperatures may fall below 0°C or rise above 40°C, or in humidity higher than 95% as these conditions may reduce battery life.
- Avoid insect-infested areas.
- Do not locate alarm within 0.9m of the following: the door to a kitchen, the door to a bathroom containing a tub or shower, ceiling or whole house ventilating fans, or other high flow areas.
- Avoid locating near fluorescent lights or other electrical equipment. Electronic magnetic interferences or "noise" may cause nuisance alarms or chirping.
- Near fluorescent lights, including CFL lamps. Electronic "noise" may cause nuisance alarms.
- Heat alarms are not to be used with detector guards unless the combination (alarm and guard) has been evaluated and found suitable for that purpose.

5. Installation

⚠ DANGER: ELECTRICAL SHOCK HAZARD. Turn off power at the main fuse box or circuit breaker by removing the fuse or switching the circuit breaker to the OFF position and securing it. An all-pole mains switch with a contact separation of at least 3mm in each pole shall be incorporated in the electrical installation of the building.

⚠ WARNING: THIS HEAT ALARM MUST BE INSTALLED BY QUALIFIED (LICENSED) ELECTRICIANS ONLY.

Wiring Requirements

- This heat alarm should be installed with an AS/NZS Wiring Rules approved junction box. All connections must be installed by a qualified electrician and be in accordance with the relevant requirements of the SAA Wiring Rules AS 3000 Standards.
- The appropriate power source is 240V AC 50Hz continuous single phase sine wave current supplied from a non-switchable circuit.
- Heat alarms are not to be used with detector guards unless the combination (alarm and guard) has been evaluated and found suitable for that purpose.

⚠ WARNING: This alarm cannot be operated from power derived from a square wave or modified square wave inverter. These type of inverters are sometimes used to supply power to the structure in off grid installations, such as solar or wind derived power sources. These power sources produce high peak voltages that will damage the alarm.

Wiring instructions for AC harness

⚠ CAUTION! TURN OFF THE MAIN POWER TO THE CIRCUIT BEFORE WIRING THE ALARM.

- For alarms that are used as SINGLE STATION, DO NOT CONNECT THE SWITCH WIRE TO ANYTHING.

- When alarms are interconnected, all interconnected units must be powered from a single circuit.
- A maximum of 24 PSA LIFESAVER devices may be interconnected in a multiple station arrangement.

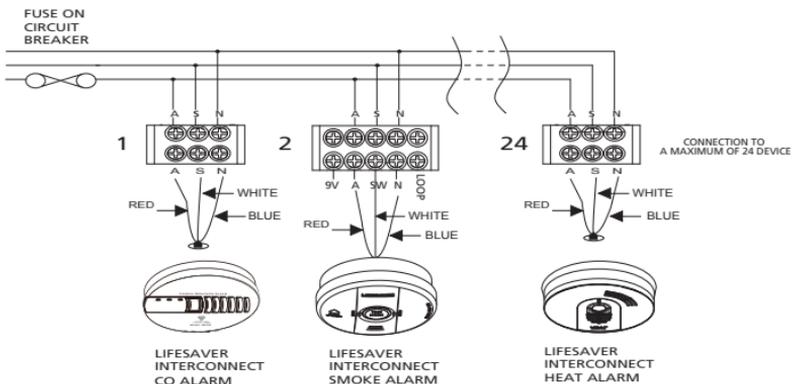
Note: Use approved listed Australian Standards cable 1.0mm² TPS or larger as required by local codes.

FIGURE 5 "INTERCONNECT WIRING DIAGRAM"

ALARM HARNESS ----- CONNECTED TO:

- BROWN ----- A (Hot Side of AC Line)
- BLUE ----- N (Neutral Side of AC Line)
- WHITE ----- SW (Interconnect Lines (Red Wires) of Other Units in the Multiple Station Set up)

FIGURE 5



6. Mounting Instructions

⚠ CAUTION! THE BATTERY TAMPER BUTTON MUST BE HELD DOWN IN THE BATTERY COMPARTMENT BY THE BATTERY, TO ENSURE THE BATTERY DOOR WILL CLOSE.

NOTE: PLEASE ENSURE THAT BATTERY IS INSTALLED PRIOR TO MOUNTING OF HEAT ALARM.

A trim ring is provided on the back of the heat alarm. This trim ring is removed by holding the trim ring and twisting the heat alarm in the direction indicated by the TURN TO REMOVE arrow. The trim ring is secured to the heat alarm by a trim lever.

⚠ CAUTION ! THE COVER IS A SEALED UNIT AND HAS NO SERVICEABLE PARTS! DO NOT TAMPER.

1. Secure a suitable junction box near the position of the heat alarm, ensure the quick connect cable length is long enough to reach the junction box for termination to be made.
2. Connect active, neutral and switch line to the heat alarm cable using the terminal connection block provided. Secure these terminals inside the junction box.
3. Punch out the suitable fixing holes on the trim ring and then pull the AC connector through the centre of the trim ring.
4. Secure the trim ring to the ceiling using the fixing holes provided. Plug the AC QUICK CONNECTOR into the back of the unit, making sure that the locks on the connector snap into place (see **FIGURE 6A.**)
5. Insert the 9V battery (back up) into the battery compartment. If the back up 9V battery is already loaded in the Battery compartment, pull out the battery pull tab. Ensure the locks on the AC connector snap firmly into place.
6. Now mount the heat alarm onto the trim ring. Rotate the heat alarm until the heat alarm snaps firmly into place(see **FIGURE 6B.**)

Switch on the AC power and the green AC power 'ON' indicator should be lit. The heat alarm is now operating on mains power.

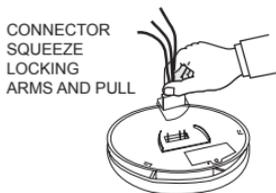


FIGURE 6A

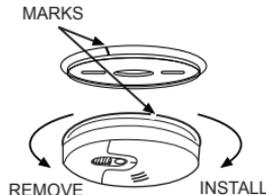


FIGURE 6B

7. Operation and Testing

OPERATION

The heat alarm is operating once AC power is applied, new battery is installed and testing is complete. When the heat alarm senses temperatures above 57°C (plus or minus a few degrees), the horn will sound a loud (85db) pulsating alarm.

RED AND GREEN LED INDICATORS:

This heat alarm features a red and green LED indicator that can be seen through the clear light pipe on the top of alarm. The LEDs indicate the following:

GREEN

- ON – AC power is present.
- OFF – AC power is **not** present.

RED

- Red LED blinks once every 5 minutes and 20 seconds
 - Mains power is present indicating normal operation.
- Red LED blinks once every 10 seconds
 - Hush mode activated.
- Red LED OFF
 - DC power is not present.
- Red LED blinks once a second and unit is sounding alarm
 - **Senses 57°C temperature or greater.**
- Red LED OFF and unit is sounding alarm
 - Another interconnected smoke/heat alarm in the network has sensed smoke or 57°C temperature and is signalling this alarm.
- Red LED is 3 rapid flashes at 40 second interval
 - Indicates which alarm has previously detected an alarm condition

Note: Red LED blinks during Fault, Low Battery or End of Unit Life chirps (see Section 9).

TESTING THE HEAT ALARM

⚠ Warning: test each heat alarm and smoke alarm to be sure that each is installed correctly and is operating properly.

Stand at arm's length from the heat alarm when testing. The alarm sounder is loud to alert you to an emergency and can be harmful to hearing.

Test the heat alarm weekly and upon returning from holiday, or when the house has been unoccupied for several days.

Test all heat alarms weekly by doing the following:

1. Check the TEST/HUSH button. If the green LED above the test button is ON, the heat alarm is receiving AC power.
2. Firmly depress and hold the TEST/HUSH button for at least five (5) seconds. The heat alarm will sound 3 long beeps, pause, 3 long beeps, repeating for up to 10 seconds after the TEST/HUSH button is released. **NOTE:** If heat alarms are interconnected, all heat and smoke alarms should sound an alarm within three (3) seconds after any test button is pushed and the tested heat alarm sounds.
3. If the heat alarm does not sound, please refer to **Section 9 Troubleshooting**. If this doesn't work please contact your electrician.

⚠ Warning: If the heat alarm sounds, and the heat alarm is not being tested, the heat alarm is sensing a temperature of 57°C or above. THE ALARM SOUND REQUIRES YOUR IMMEDIATE ATTENTION AND ACTION. EVACUATE THE DWELLING IMMEDIATELY!

8. Nuisance Alarm And HUSH

Heat alarms respond only to heat. They do not detect smoke. If the alarm does sound, check for fires first. If a fire is discovered, get out of the house and call the fire brigade. If no fire is present, check to see if one of the reasons listed in **Section 4** may have caused the alarm.

HUSH

The Hush feature will silence the alarm for approximately 10 minutes. After 10 minutes the heat alarm will revert to normal operation. If the unit still detects a dangerous situation the alarm will sound again.

A rapid rise in temperature will override the Hush Mode Control and cause the unit to sound an alarm.

If interconnected alarms are installed, the unit that detects the high temperature and sounds the alarm cannot be inadvertently silenced by the TEST/HUSH button of other units. In this case all of the alarms will continue to sound for as long as a dangerous situation is detected or until the TEST/HUSH button of the initiating alarm is pressed.

If the alarm does not go into Hush Mode and continues to sound its alarm, the heat in the area is too high and a dangerous situation may exist – take emergency action.

 Warning: Before using the alarm's Hush feature, fully identify the source of the heat build up and make sure that the area is safe. To activate control push and release the test/false alarm control button in the center of the alarm. The alarm will silence immediately and the red light (LED) will blink approximately every 10 seconds for the next 10 minutes. This feature is to be used only when a safe condition is known to exist.

ALARM MEMORY FEATURE

This heat alarm has a memory function that will inform you if the alarm has initially sounded. If the unit has initiated the alarm, the red LED will flash 3 times every 40 seconds. Pressing the test button will cause the unit to chirp repeatedly and the red LED to flash rapidly. When the button is released the alarm memory is reset.

9. Troubleshooting

PROBLEM	SOLUTION
Heat alarm does not sound when tested. NOTE: Push and hold test button for at least five (5) seconds while testing	<ol style="list-style-type: none">1. Check that AC power is turned on.2. Turn off power. Remove heat alarm from mounting plate and:<ol style="list-style-type: none">a. check that connector plug is securely attached.b. Check that Section 10 Battery is installed correctly3. Clean heat alarm.
Heat alarm beeps once every 40 seconds	Turn off AC power, replace battery and Clean alarm. See " Section 10 Battery Replacement " and " Section 11 Cleaning Your Alarm "
Heat alarm sounds unwanted alarms.	<ol style="list-style-type: none">1. Hire an electrician to move heat alarm to a new location. See "Section 3 Recommended Locations" and "Section 4 Locations to Avoid"
Interconnected heat alarms do not sound when system is tested.	<ol style="list-style-type: none">1. Press and hold button for at least five seconds after the first unit sounds.2. Turn off AC power or circuit breaker and check the interconnect wiring. See "Section 5 Wiring Instructions."
3 chirps every 40 seconds	<ol style="list-style-type: none">1. Before 10 years of operation: unit is in fault mode. Contact customer service.2. After 10 years of operation: end of life warning. Alarm must be replaced (REPLACE IMMEDIATELY!)

10. Battery Replacement

To replace the battery, remove the alarm from the trim ring by rotating the alarm in the direction of the "OFF" arrow on the cover (See **Section 6, FIGURE 6B**). To disconnect the AC power harness, squeeze the locking arms on the sides of the Quick Connector while pulling the connector away from the bottom of the alarm (see **Section 6, FIGURE 6A**).

To remove the alarm when tamper resist tab is engaged, press down on the tamper resist tab, and rotate the alarm to remove it from mounting trim ring. (see **FIGURE 12A**). **Note:** To make heat alarm tamper resistant, a tamper resist feature has been provided. Using the tamper resist feature will help deter children and others from removing the alarm.

Battery Installation and replacement:

To replace or install the battery you must first remove the alarm from the trim ring by following the ALARM REMOVAL instructions at the beginning of this section. After the alarm has been removed you can remove the AC power harness and open the battery door and install or replace the battery. Install the battery to the battery terminal clip of the heat alarm. When installing the battery, press the battery lever down into the battery compartment and install the battery. (see **FIGURE 12B**).

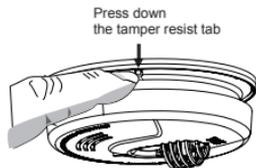


FIGURE 12A

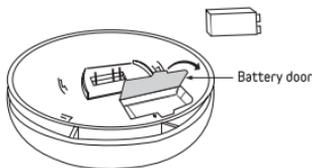


FIGURE 12B

⚠ Caution ! If the battery compartment is closed without a battery, the red battery tamper will prevent the heat alarm from attaching to the trim ring.

NOTE: Constant exposure to extreme temperatures and humidity may affect battery life.

Replace battery at least once a year or immediately when the **low battery signal** sounds once every 40 seconds, even though the heat alarm is receiving AC power.

Whenever the battery is replaced, test heat alarm using the test facility.

Use Only The Following 9Volt Batteries For Heat Alarm Replacement:

Alkaline type: ENERGIZER 522; DURACELL MN1604 or MX1604

Lithium type: FDK CP-V9Ju; ULTRALIFE U9VL-J

Note: regular weekly testing is recommended

⚠ Warning! Use only the batteries specified. Use of different batteries may have a detrimental effect on the alarm. Exposure to temperature extremes and / or high humidity may reduce battery life.

11. The Limitations of Heat Alarms

⚠ Warning! Heat alarms are not designed to protect life safety against fire and smoke.

In most fires, hazardous levels of toxic gases, smoke and heat can build up before a heat alarm will operate. In cases where life safety is an issue, heat alarms should only be used to provide an added source of information and as a supplement to the smoke alarm installation. Heat alarms do not always detect fires, the fire may be a slow smoldering (smoke producing) low heat producing type, the fire may be in a different room than the alarm, or the heat from the fire may bypass the alarm. This alarm will not detect smoke, gases or flames.

Heat alarms cannot provide an alarm if heat does not reach the alarm. Therefore, heat alarms may not sense fires starting in chimneys, walls, on roofs, on the other side of a closed door or on a different floor. If the alarm is located outside the bedroom or on a different floor, it may not wake up a sound sleeper. The use of alcohol or drugs may also impair ones ability to hear the alarm. For maximum protection heat alarms should only be used as a supplement to smoke alarms. Smoke alarms should be installed in each sleeping area on every level of a home and be interconnected with each other and the heat alarms. Although heat alarms when combined with smoke alarms, can help save lives by providing an early warning of a fire, they are not a substitute for an insurance policy. Home owners and renters should have adequate insurance to protect their lives and property.

This heat alarm has an expected service life of 10 years under normal conditions.

We recommend that you should replace the heat alarm after 10 years from installation date to ensure normal operation.

PSA recommend to write the replacement date on th supplied “ Replace By” label and apply on the unit.

12. Cleaning Your Alarm

YOUR ALARM SHOULD BE CLEANED ONCE A YEAR.

Heat alarms operate by monitoring the environment around it. We recommend the heat alarm be regularly clean at least once a year using a soft brush vacuum cleaner to ensure dust and debris do not accumulate around the unit. Do not spray cleaners or detergent into the heat alarm.

Please note – Do not attempt to remove the cover of the heat alarm to clean inside. This will void your warranty.

To clean your alarm, remove it from the mounting bracket as outlined in **Section 6**. You can clean the interior of your alarm by using compressed air or a vacuum cleaner hose and blowing or vacuuming through the openings around the perimeter of the alarm. The outside of the alarm can be wiped with a damp cloth.

After cleaning, reinstall your alarm and test your alarm by using the button. If cleaning does not restore the alarm to normal operation the alarm should be replaced.

 **WARNING : Reinstall the Alarm as soon as possible to ensure continuous protection.**

13. Good Safety Habits

DEVELOP AND PRACTICE A PLAN OF ESCAPE

- Install and maintain Fire extinguishers on every level of the home and in the kitchen, basement and garage. Know how to use a fire extinguisher prior to an emergency.
- Make a floor plan indicating all doors and windows and at least two (2) 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 case of fire.
- Determine a place outside your home where you all can meet if a fire occurs.
- Familiarize everyone with the sound of the smoke alarm and train them to leave your home when they hear it.
- Practice a fire drill at least every six months, including fire drills at night. Ensure that small children hear the alarm and wake when it sounds. They must wake up in order to execute the escape plan. Practice allows all occupants to test your plan before an emergency. You may not be able to reach your children. It is important they know what to do.

RECOMMENDATIONS

Smoke Detection - Are More Smoke Alarms Desirable? The required number of smoke alarms might not provide reliable early warning protection for those areas separated by a door from the areas protected by the required smoke alarms. For this reason, it is recommended that the householder consider the use of additional smoke alarms for those areas for increased protection. The additional areas include the basement, bedrooms, dining room, utility room, and hallways not protected by the required smoke alarms. The installation of the smoke alarms in the kitchen, attic (or unfinished), or garage is normally not recommended, as these locations occasionally experience conditions that can result in improper operation.

14. Repairs and Services

- If the heat alarm is defective in any way, do not tamper with the unit. Return the unit to your supplier (See warranty for instructions on in-warranty returns). There will be a service charge for repairing units out of warranty.

15. Warranty and Liability

1. PSA Products Pty Ltd warrants the model LIFHA240 for a period of ten (10) years from the date of purchase to the original purchaser, as reflected by an invoice or receipt. For subsequent purchasers, the warranty is five (5) years from the date of manufacture. PSA will repair or replace the product (at the option of PSA) due to any manufacturing defect or workmanship excluding any labour costs relating to removal or re-installation of product and transport costs.
2. This warranty shall not apply to the product if it has been damaged, modified, insect infested, contaminated, abused or altered after the date of purchase, or if it fails to operate due to improper maintenance.
3. To the extent permitted by law, the liability of PSA Products Pty Ltd arising from the sale or under the terms of this limited warranty shall not in any case exceed the cost of replacement and subject to this clause. In no case shall PSA Products Pty Ltd be liable for consequential loss or damages resulting from the failure of the product or breach of this, or: Any other warranty, express or implied, loss or damage caused by failure to abide by the instructions supplied in the leaflets.
4. To the extent permitted by law, PSA Products Pty Ltd., makes no warranty, expressed or implied, written or oral, including that of merchantability or fitness for any particular purpose, with respect to the consumer replaceable battery if any. A product with non-serviceable built-in battery is covered under warranty of the product as per point 1.
5. This warranty is provided in addition to other rights and remedies you have under law: 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 compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law.
6. To make a claim under warranty, take the product (with a proof of purchase) to the store where you purchased the product or contact PSA Products Pty Ltd. Phone (03) 9888 9889. or Email: enquiry@psaproducts.com.au with details, proof of purchase or expense claim in writing.

16. Product warranty registration

Thank you for purchasing and installing the most trusted brand in fire, security and intercoms. To ensure you receive excellent after-sale product service we encourage you to register your products. There are a few important reasons to register your product:

1. It will ensure your investment is protected in case it is damaged or broken and we can effectively carry out any warranty claims.
2. Registration will also allow us to contact you in an unlikely event of product safety notification required under Consumer Product Safety Act.
3. Registration will also help us improve our product design to meet your needs.

Register at: www.psaproducts.com.au/register-product/

Register this product for warranty to ensure fast and effective service.

Otherwise, please retain this warranty section and complete the details below. When you claim Warranty for the product please present this section together with the product.

Model: _____ Serial Number: _____

Date Of Purchase/ Installation: _____ Invoice No: _____

Installed By: _____

Owner's Details: _____

**This heat alarm has an expected service life of 10 years under normal conditions.
We recommend that you should replace the heat alarm after 10 years from
installation date to ensure normal operation.**

THIS HEAT ALARM HAS BEEN TESTED AND COMPLIES TO AS1603.3:2018

DEAR INSTALLER:
PLEASE LEAVE THIS MANUAL FOR THE OWNER.
THANK YOU FOR CHOOSING THIS HEAT ALARM.



Tested & Complies to
AS 1603.3:2018



*Manufactured under ISO standard
Quality Approved Manufacturing*

PSA

PSA Products Pty Ltd
17 Millicent St, Burwood,
VIC 3125 Australia.

T. 1300 772 776

enquiry@psaproducts.com.au
psaproducts.com.au