CAVIUS™

WIRELESS ALARM FAMILY

THE WORLD'S
SMALLEST
thermal heat alarms

5 YEAR
LONGLIFE BATTERY
(REPLACEABLE)

PLEASE READ THIS USER GUIDE CAREFULLY

CAVIUS™

THERMAL HEAT ALARM DEVICE

Model Number: 3104-001

Developed by CAVIUS™

This Thermal Heat Alarm is designed for areas not suitable for smoke alarms; kitchens, garages, workshops or laundries.

PLEASE READ THE USER GUIDE CAREFULLY BEFORE INSTALLATION AND RETAIN FOR FUTURE USE.

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TECHNICAL INFORMATION

The maximum number of alarms that can be interconnected within a house group are 32.

Please note: These must be alarms from the Cavius™.

WIRELESS ALARM FAMILY

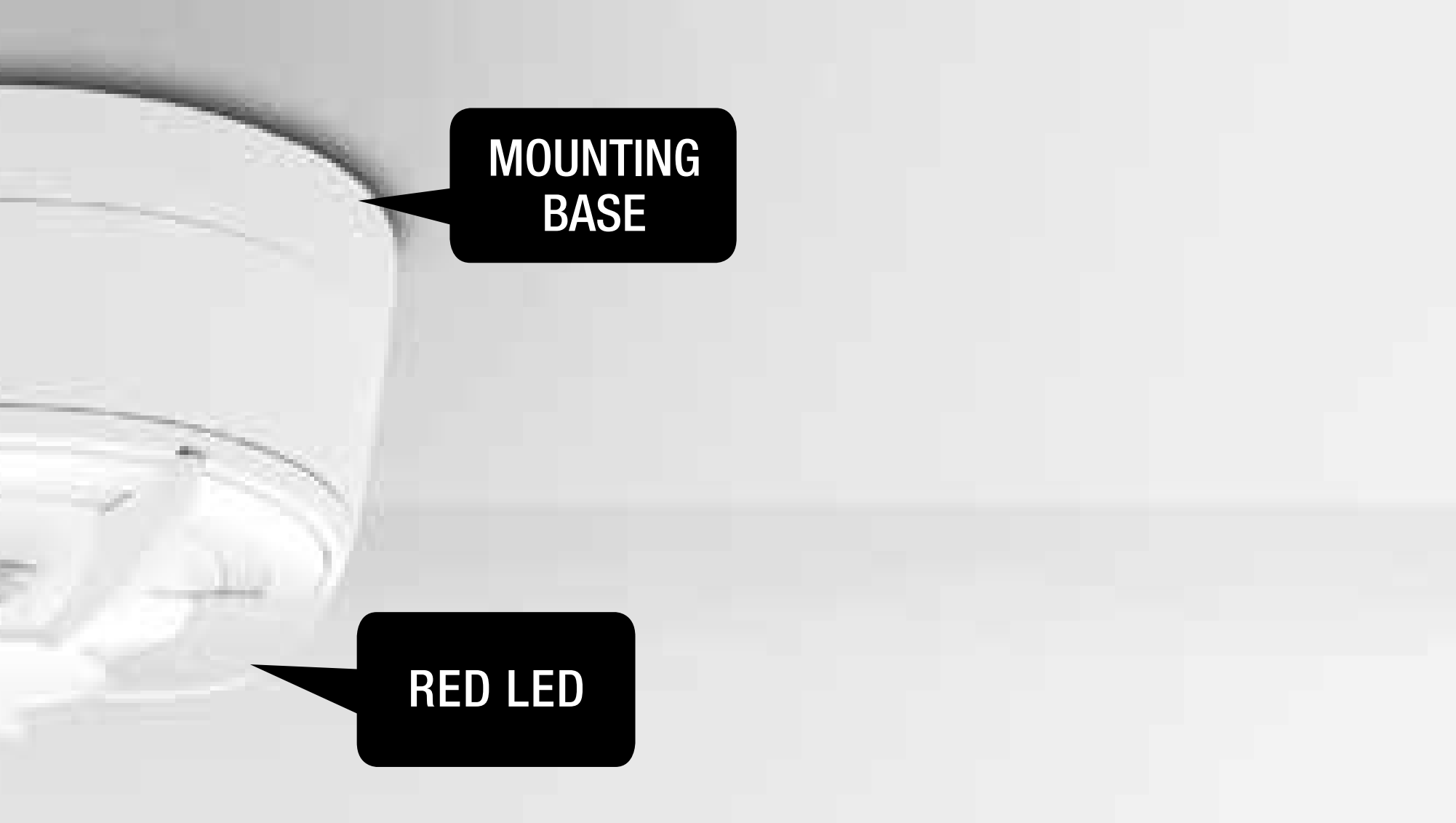
The distance between interconnected alarms depends on the house layout and they should always be tested after installation. It is not advised to get more than 10m distance between two alarms.

Diameter: 65mm
Height: 44mm

The alarm is powered by a replaceable 3v CR123A lithium battery. Please note that correct operation of the heat alarm device is ensured by use of one of the following batteries: DURACELL, PANASONIC or HUIDERUI.

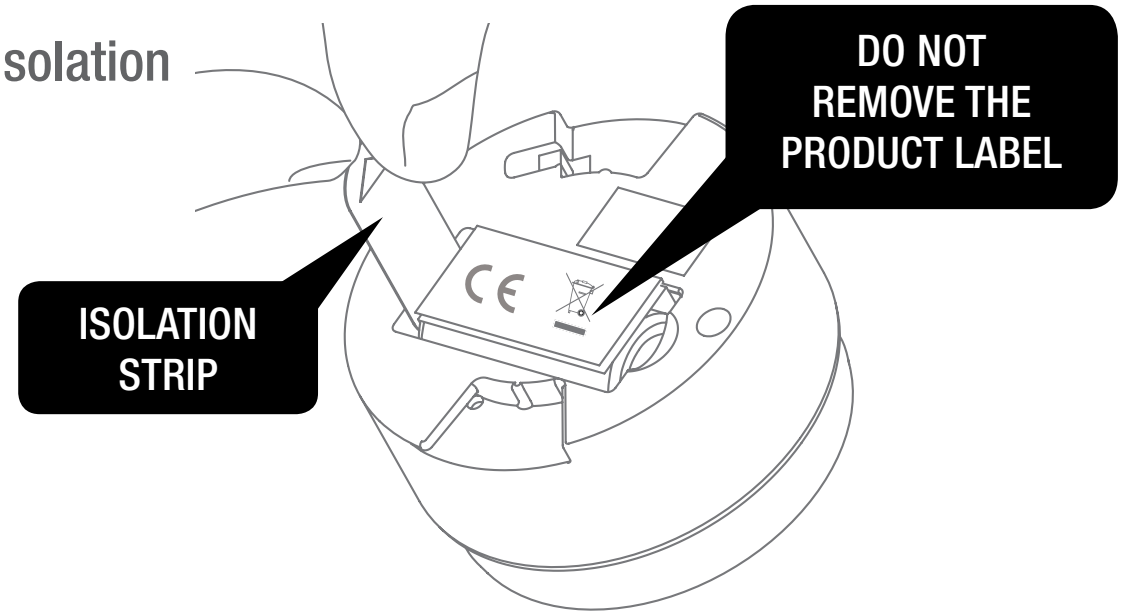
Interconnected by RF: 926.365 MHz
Complies to standards: EN60065/EN54-5/RCM


CHAMBER
FILTER
TEST BUTTON


MOUNTING
BASE
RED LED

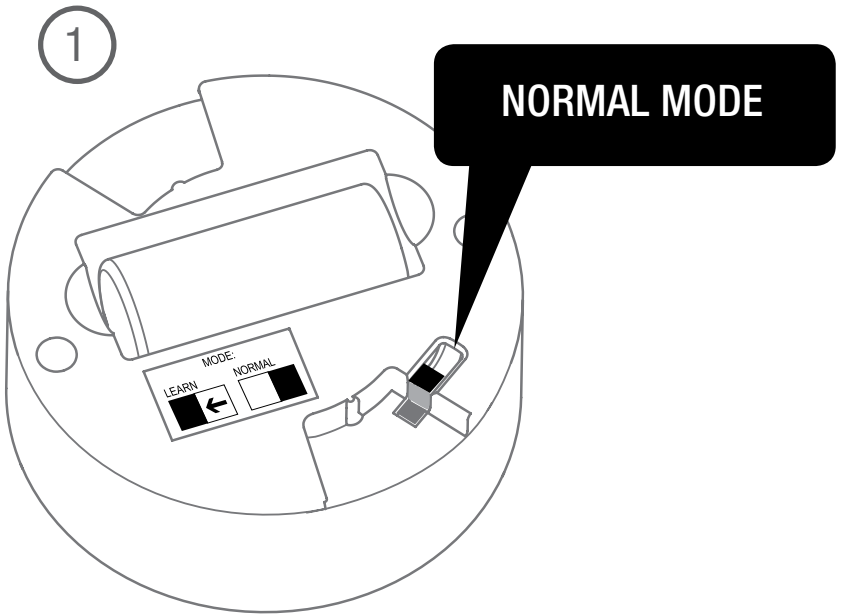
1. HOW TO SET UP AND CONNECT ALARMS:

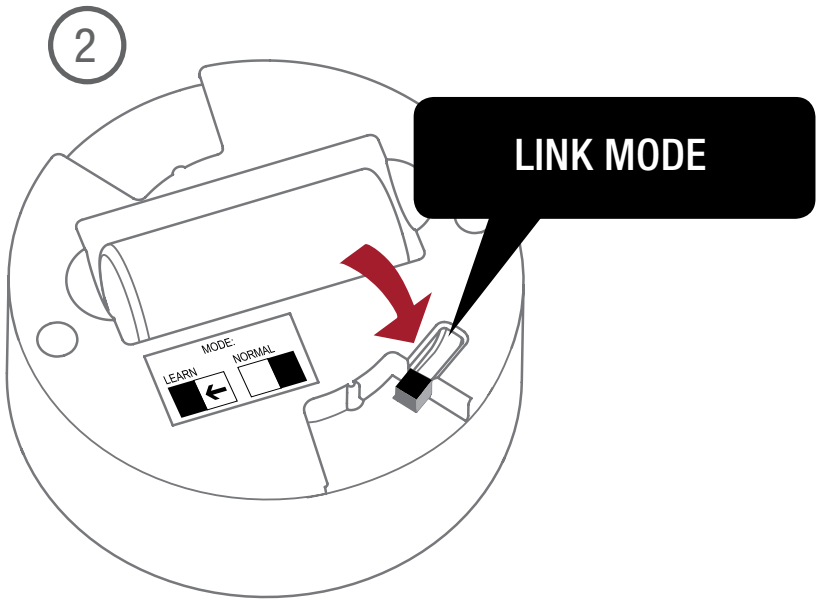
Start by pulling out the battery isolation strip as shown.



Please note: The product label must not be removed as it contains important information regarding the product.

All alarms that need to be connected in the house should be put into ‘Link Mode’ by sliding the switch on the back of the alarm to the ‘Link Mode’ position.

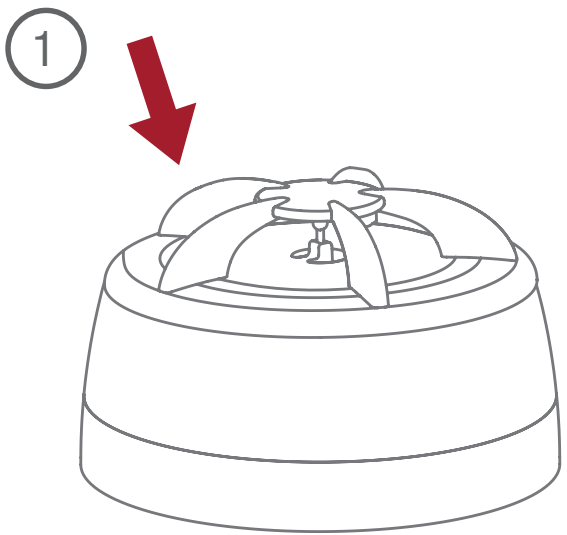




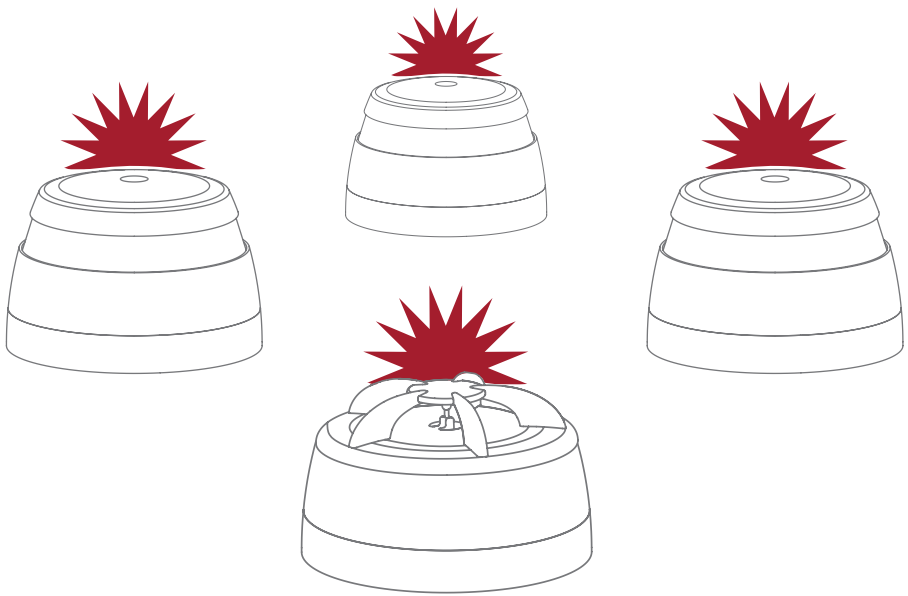
The red LED will light up to indicate that ‘Link Mode’ has been selected.

Please note that when the alarms are placed in ‘Link Mode’ they can’t be inserted into the mounting base.
Do not take out the battery during ‘Link Mode’ as this will interrupt the link process.

Press the button at the top of one alarm only. This alarm will become the Master and will start sending out a specific house code to the other alarms. The red LED will flash.



As the other alarms receive the specific house code, they will also flash the LED light.



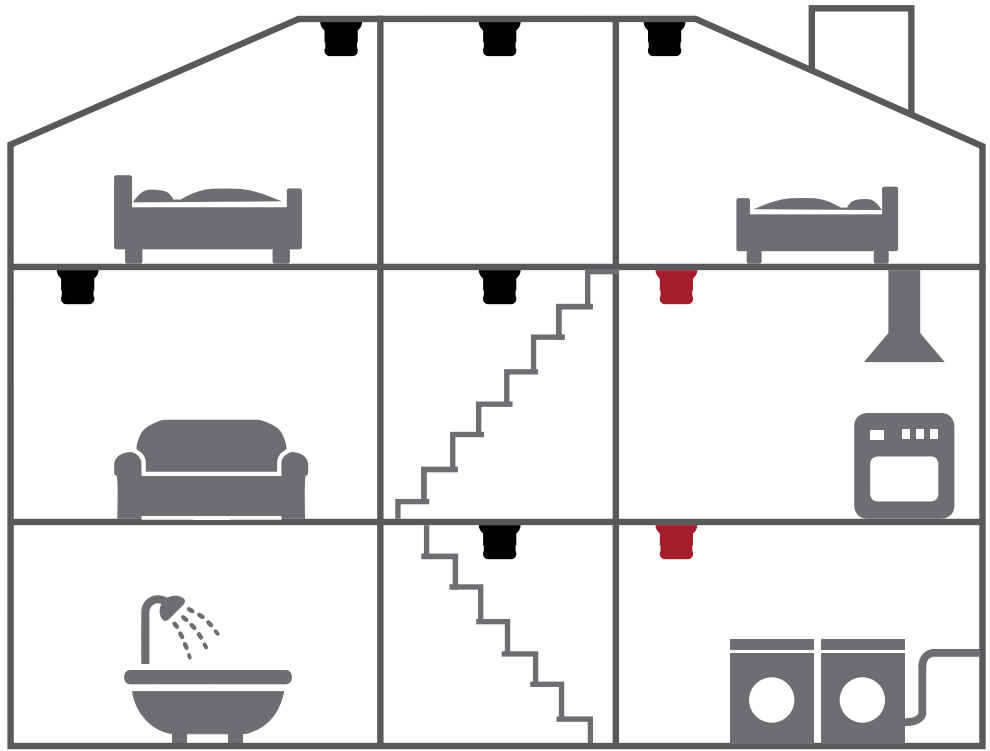
When all alarms flash the red LED, they are connected and can be switched out of ‘Link Mode’ and installed.

2. THE BEST AREAS TO INSTALL THE HEAT ALARM:

- Kitchen area
- Laundries
- Garage or workshop
- Areas where flaming fire will occur over a smoldering fire.

NOTE: Smoldering fires occur due to ‘slow burning items’; rug or carpet, couch, cushions, mattress, couch, clothing or materials etc.

Additional alarms increase the security.



Smoke Heat

3. AREAS WHERE **NOT** TO INSTALL THE HEAT ALARM:

- Bedrooms
- Lounge
- Dining room
- Hallway
- Family room

NOTE: Photoelectric smoke alarms are best installed in areas where smoldering fires occur over flaming fires.

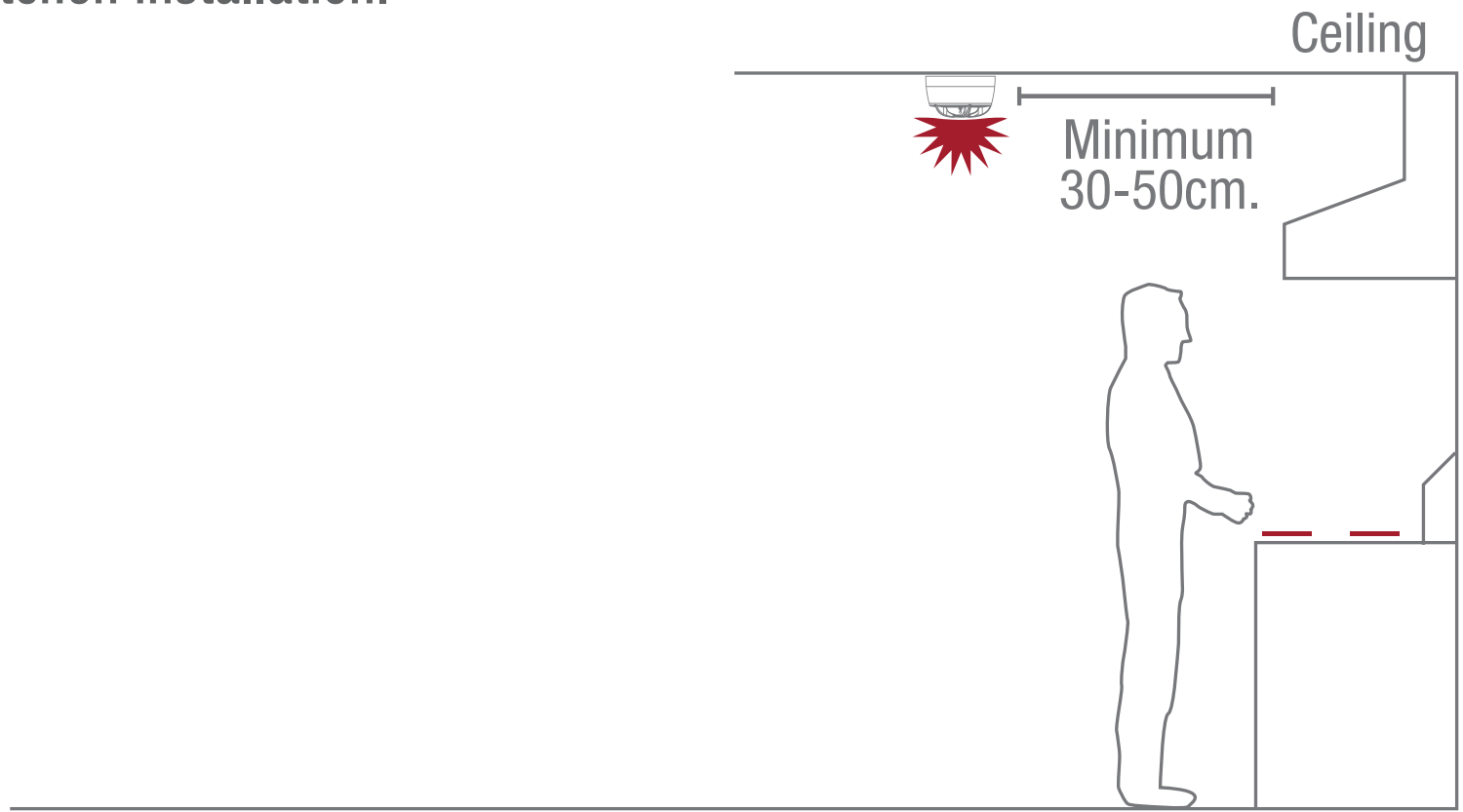
4. PLACEMENT:

The heat alarm is design to be installed on a ceiling and close to possible flame fire sources.

The heat alarm can be installed on either a flat or catheral/peak ceiling.

Try not to install the heat alarm no more than 4 metres from the ground.

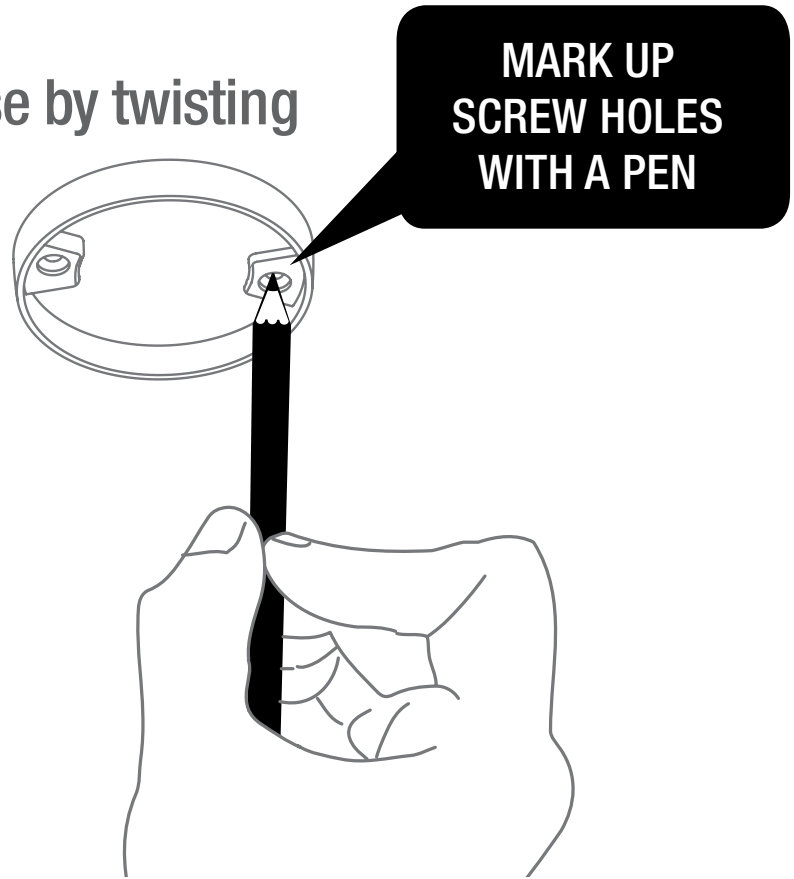
For kitchen installation.

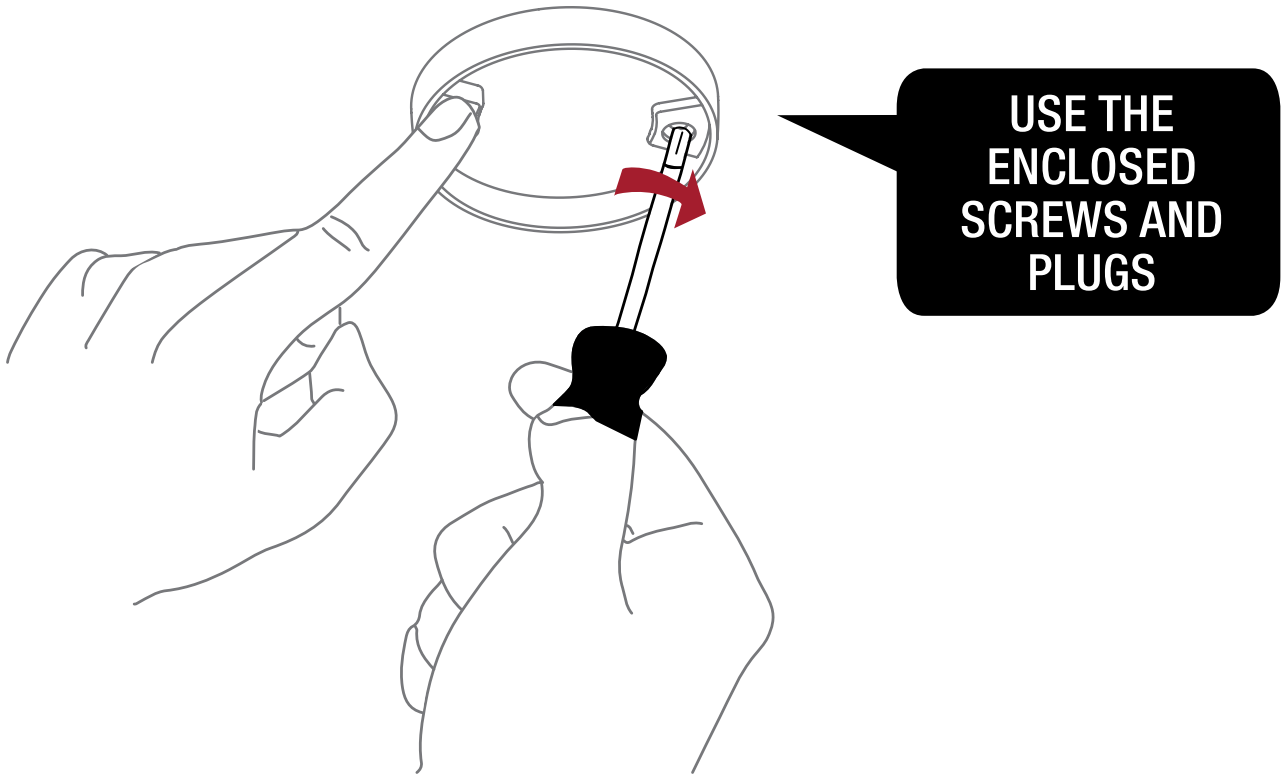


5. INSTALLING THE HEAT ALARM:

Detach the alarm from the mounting base by twisting counter clockwise.

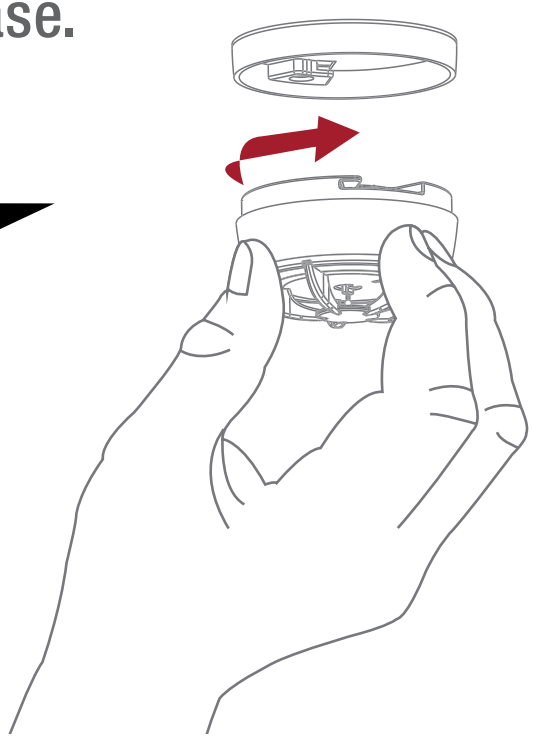
Use the mounting base ring to mark the screw holes on the ceiling or the wall.




USE THE ENCLOSED SCREWS AND PLUGS

Once the mounting base is installed, attach the alarm by twisting clockwise until it clicks. If the battery is either missing or inserted incorrectly, or the switch is in ‘Link Mode’, the heat alarm will not be able to click into the mounting base.

CLICK THE HEAT ALARM FIRMLY INTO THE BASE TO LOCK



6. TEST FUNCTION:

After installation, and at least once per quarter, test all of your alarms to ensure they are operating correctly and are within range of each other.

It is recommended to check visually every week if the LED flashes correctly (every 48sec.)

Press the test button on any alarm for at least 6.5 seconds (count 2 sets of 3 sound sweeps). This will send out a test signal from the alarm; all other connected alarms should receive the signal within a short time. The alarms will emit a short beep and the LED will flash every 8 seconds for 2 minutes.

NOTE: Test signal will send a reduced RF signal in order to make sure it will work in normal condition.

When the test signal is sent out, the alarms will respond in two ways:

1. A single beep every 8 seconds indicates that the alarms are connected and functioning.
2. Three short beeps every 8 seconds indicates a heat sensor fault. The alarm should be cleaned by running the vacuum (on a low setting) around the heat alarm chamber and tested again.

Once the alarms have indicated they are interconnected; the beeps can be stopped on each alarm with a short press of the test button.

TIP: It is safe to cover the sound output hole with your finger during the testing to minimise the sound level emitted.

If any problems occur during testing, visit www.cavius.co.nz or www.cavius.com.au for further trouble shooting.

7. NORMAL MODE:

In normal mode the LED will flash every 48 seconds to show correct operation.

8. ALARM MODE:

When a rapid and constant change of temperature is detected, the heat alarm will go into ‘Alarm Mode’. It will sound the alarm signal and the LED will flash.

The heat alarm will also transmit the alarm signal to the other connected alarms, which will also sound the alarm signal after a short delay.

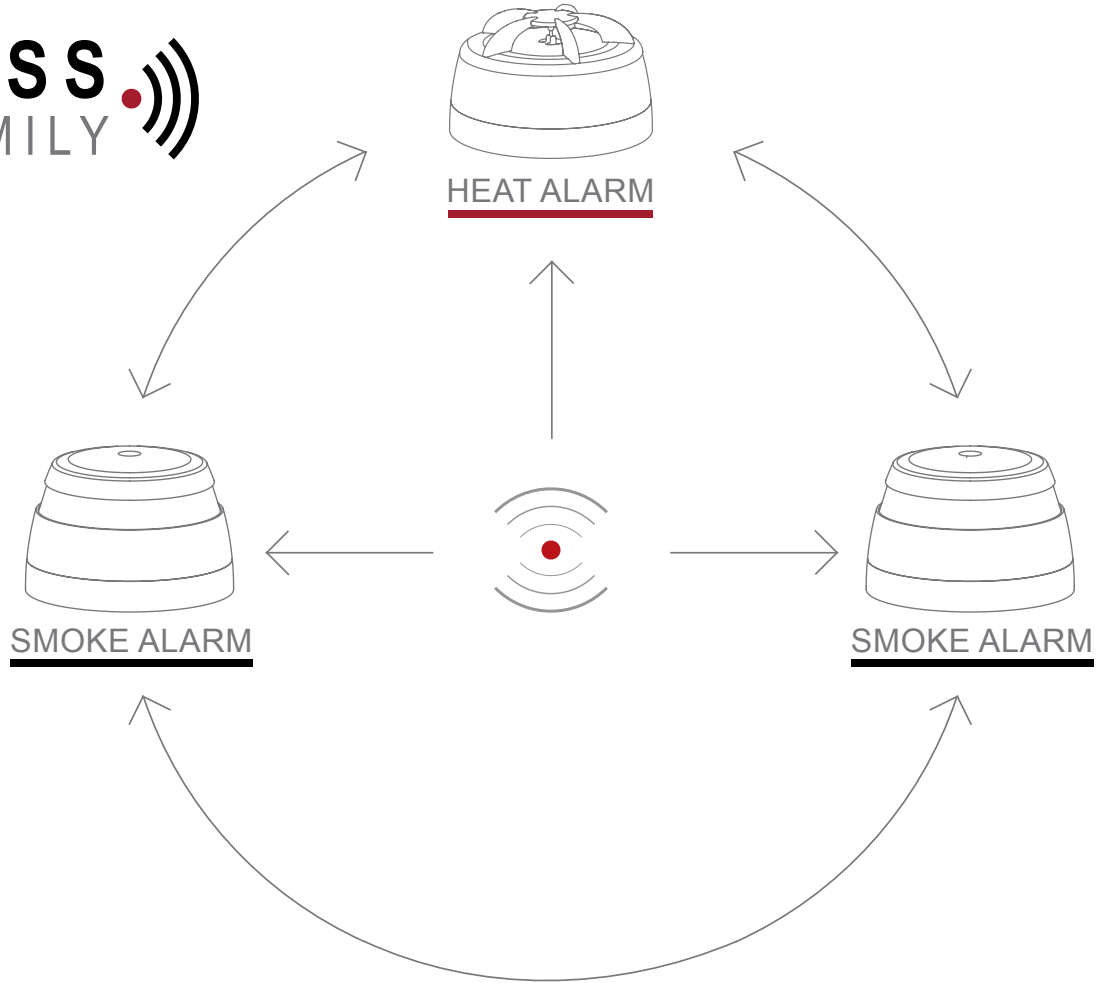
Please note that only the originating alarm’s LED will flash, so it can be identified.

9. PAUSE/HUSH FUNCTION:

If the heat alarms are to set into a false alarm by cooking, fireplace, etc. they can be paused for 10 minutes by pressing the test button on the originating heat alarm only (indicated by the flashing LED).

The reason of this is that it is necessary to locate the source of the alarm before using the hush function. This is to make sure that it is not a life threatening situation.

WIRELESS
ALARM FAMILY



10. ADD EXTRA DEVICE:

All CAVIUS™ interconnected alarms within the

WIRELESS ALARM FAMILY can be added to the system as they run on the same frequency and use the same data protocol.This means that the wireless system can consist of a combination of smoke & heat alarms.

Place all alarms into ‘Link Mode’ and repeat section 1.

Always test connection to all devices by repeating test function section 6 after adding devices.

11. LOW BATTERY SIGNAL:

Your product has a 5 year battery life.

When the battery is starting its end of life, a short beep will sound out every 48 seconds for 30 days.

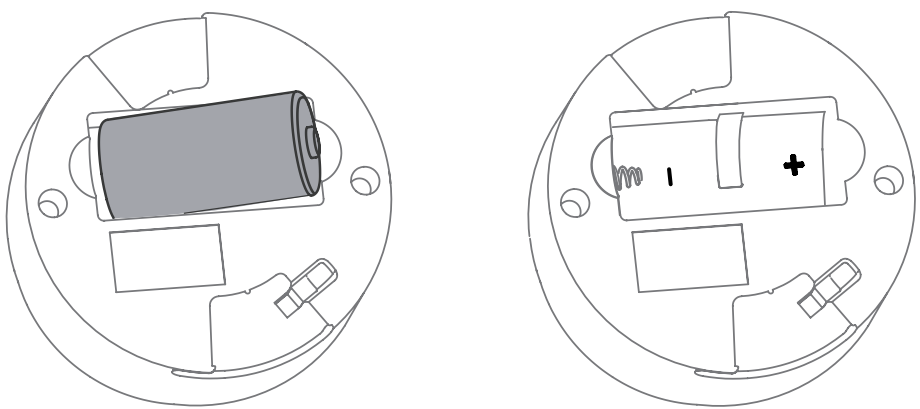
The alarm effected by the low battery will only beep, no other connected alarms will sound.

It is safe to change batteries in the alarms without going through the link process again – they will not forget the codes during the battery change process.

12. BATTERY REPLACEMENT:

To replace the battery, detach the heat alarm from the mounting base by twisting counterclockwise.

Replace the battery respecting the polarities. Attach the alarm in the mounting base by twisting clockwise until it clicks, and test the alarm.



13. TROUBLE SHOOTING:

- If you are experiencing false alarms with just general cooking, you may have your heat alarm too close to the cooking hobs and stove. Try reinstalling slightly further away to alleviate any issues.

If the heat alarm does not work when the test button is pushed, the probable cause is a faulty battery. Check if the battery is worn out and replace it. Always test the alarm after replacement of battery.

Always test the alarm after replacement of battery.

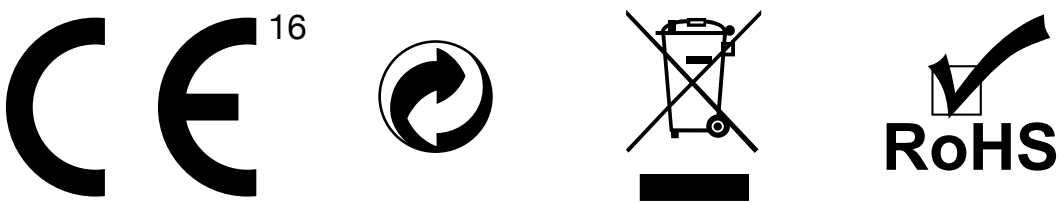
14. OTHER INFORMATION:

Do not paint the alarm.

Disposal: For battery and product, please dispose properly at the end of life. This is electronic waste which should be recycled.

Please note local regulations about information to your insurance company regarding installed heat alarms.

The CE marking on this product is securing the conformity to the European directives that are applicable and in conformity to the harmonised specification of EN60065 and tested to comply to the standard of system heat alarms EN54-5 class A1/R.



Alarm condition aural signal pattern according to ISO 8201.

Manufactured by:
CAVIUS Aps

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Manufactured in P.R.C.

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REP ELEC.
Locked Bag 45, Plumpton, NSW 2761, Australia.
www.cavius.com.au - PH: 1300 555 586

WARRANTY:

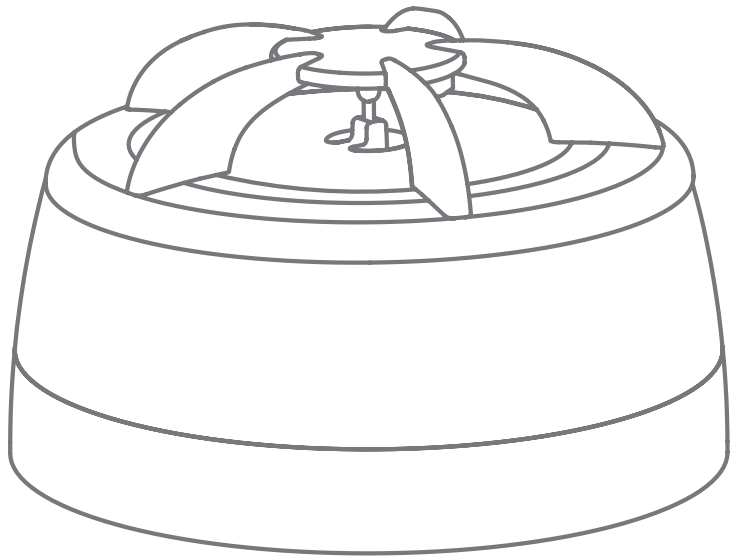
Your CAVIUS™ heat alarm has a 5 year warranty from the date of purchase against defect in material and workmanship. Faulty units during this period can be returned to the place of purchase. You must provide the proof of purchase date and such defects will be repaired, or replaced at the distributors option, without charge. This Warranty only covers defects in materials or workmanship in normal residential use and does not cover damage resulting from negligent handling, misuse or lack of reasonable care. This warranty is in lieu of any other warranty either expressed or implied.

EN60065/EN54-5

Model Number 3104-001

126666 rev1

CAVIUS™



WIRELESS
ALARM FAMILY