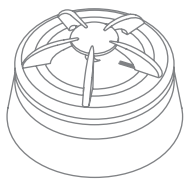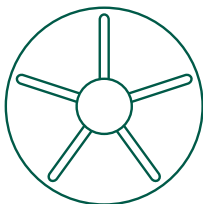# Intelligent Heat Alarm

INSTALLATION MANUAL
Version 1.2

Product description

The Intelligent Heat Alarm can be installed where smoke or fumes are part of the atmosphere to prevent false alarms.

The Intelligent Heat Alarm is specifically useful in environments where a traditional optical smoke sensor can cause false detections. The Intelligent Heat Alarm is designed for installation in private homes or garages with risk for smoky, dusty, or humid environment.

Precautions

- Do not remove the product label as it contains important information.
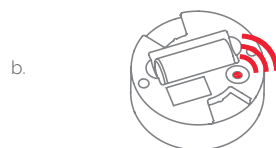- Do not paint the alarm.

Getting started

1. Pull out the battery isolation strip as shown.

a.
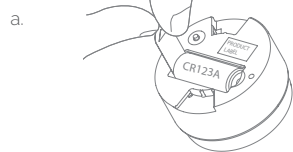
2. The Intelligent Heat Alarm will now start searching (up to 15 minutes) for a Zigbee network to join.
3. Make sure that the Zigbee network is open for joining devices and will accept this Intelligent Heat Alarm.
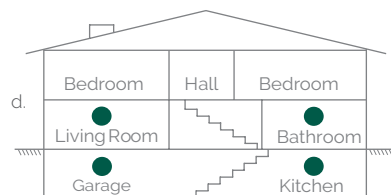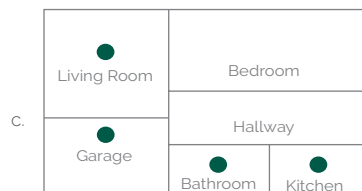4. While searching for a Zigbee network to join,

b.

   the LED button flashes red.
5. When the LED button stops flashing, the Intelligent Heat Alarm has successfully joined the Zigbee network.
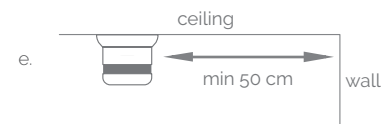
Placement

- Place the alarm indoors at a temperature between 0-50°C.
- The distance between the Intelligent Heat Alarm and walls, ventilation or other obstacles, should be at least 50 cm.
- Place the Intelligent Heat Alarm at least 4 meters from a fireplace or stove.
- Place the Intelligent Heat Alarm within reach for battery testing and maintenance.
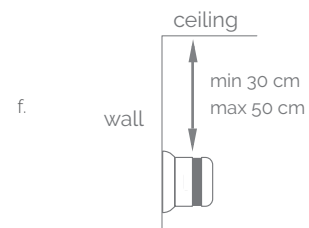
● RECOMMENDED LOCATION

c.

Living Room ●	Bedroom
Garage ●	Hallway
	Bathroom ● / Kitchen ●

d.

Bedroom	Hall	Bedroom
Living Room ●		Bathroom ●
Garage ●		Kitchen ●

CEILING PLACEMENT

The Intelligent Heat Alarm should be a minimum of 50 cm from the wall.

e.

ceiling

min 50 cm — wall

WALL PLACEMENT

The Intelligent Heat Alarm should be placed between 30 and 50 cm from the ceiling.
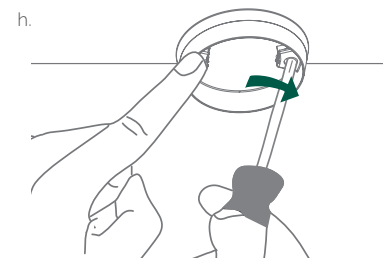
f.

ceiling

wall

min 30 cm
max 50 cm

Mounting

1. Detach the alarm from the mounting base by twisting counterclockwise.
2. Use the mounting base ring to mark the screw holes on the ceiling or on the wall.

g.
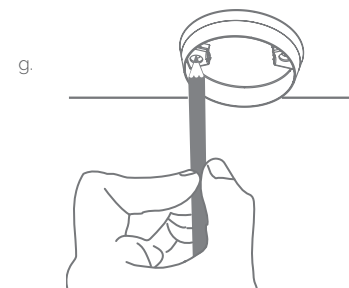
3. Use enclosed screws and plugs to install the mounting base on the marked place.

h.

4. Attach the alarm by twisting clockwise until it clicks. If the battery is missing or inserted incorrectly, it will be impossible to click the alarm in the mounting base.

i.
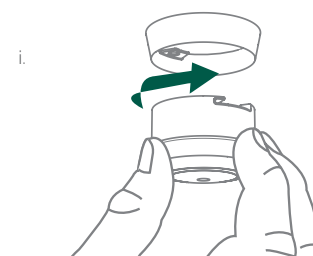
Testing

- Always test the working order of the Intelligent Heat Alarm after installation or battery change.
- When pressing the alarm button, the alarm sound should be heard.
- A network alarm test can be performed by holding down the alarm button for at least 6.5 seconds (count 2 sets of 3 sound sweeps).
- A test message will be sent over the Zigbee network.
- Test all of your alarms once per week to ensure they are functioning correctly.

j.
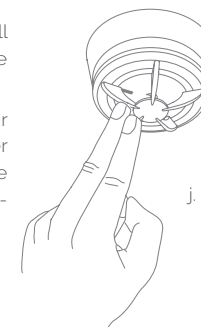
Resetting

Resetting is needed if you want to connect your Intelligent Heat Alarm to another gateway or if you need to perform a factory reset to eliminate abnormal behavior.

STEPS FOR RESETTING

1. Detach the alarm from the mounting base by twisting it counterclockwise.
2. Press and hold the LED button.
3. While you are holding the button down, the LED first flashes once, then two times in a row, and finally numerous times in a row.

k.

4. Release the button while the LED is flashing numerous times in a row.
5. After you release the button, the LED shows one long flash, and the reset is completed.

Modes

SEARCHING GATEWAY MODE
Red LED light in the back of the device is flashing every second (up to 15 minutes).

NORMAL MODE
Front LED is flashing every 45 seconds.

ALARM MODE
When heat is detected, the LED will speed up flashes, and simultaneously, the device will emit a loud alarm sound. Press the "button/top" of the alarm to acknowledge and stop the siren. The following 10 minutes, it will block alarms, allowing time to address the heat..

LOW BATTERY MODE
Simultaneous audible signals and front LED flashes every 45 seconds means that the battery should be replaced.

REPLACE DEVICE MODE
When audible signals and front LED flashes are not simultaneous, the device should be replaced. The life expectancy of Intelligent Heat Alarms is generally 10 years, after which their sensors begin to lose sensitivity.

Fault finding

- If the Intelligent Heat Alarm does not work when the test button is pushed, the probable cause is a faulty battery. Replace the battery if it is worn out.
- In case of a bad or weak signal, change the location of the Intelligent Heat Alarm. Otherwise you can relocate your gateway or strengthen the signal with a smart plug.
- If the search for a gateway has timed out, a short press on the LED button will restart it.

Battery replacement

CAUTION: RISK OF EXPLOSION IF BATTERIES ARE REPLACED BY AN INCORRECT TYPE. DISPOSE OF THE BATTERIES IN ACCORDANCE WITH INSTRUCTIONS.

CAUTION: When removing cover for battery change - Electrostatic Discharge (ESD) can harm electronic components inside.

I.
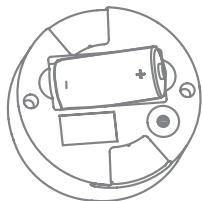
1. To replace the battery, detach the Intelligent Heat Alarm from the mounting base by twisting counterclockwise.

2. Replace the battery respecting the polarities. The Intelligent Heat Alarm uses 1xCR123 battery.

3. Attach the alarm in the mounting base by twisting clockwise until it clicks, and test the alarm.

Disposal

Dispose the product and battery properly at the end of life. This is electronic waste which should be recycled.

CE certification

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonized standards

and specifications.

IN ACCORDANCE WITH THE DIRECTIVES

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2015/863/EU amending 2011/65/EU

Other certifications

Zigbee 3.0 certified

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