

OWNER MANUAL

Version 1.0

Product description

The sensor is measuring sudden rises of ambient temperatures. The heat alarm sensor can be installed where smoke or fumes are normally present where a normal smoke detector would give false alarms.

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

Precautions

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

Adding the sensor to the Gateway

NOTE: Make sure Gateway is turned on and configured correctly for more details see the Gateway owner manual.

- Open the ZigBoat™ App, select the Gateway in the ZB Gateways menu, waiting a few seconds, then select the menu button on the top right (fig. 1) Select "Device list" (fig. 2). Add the sensor by entering the serial number which is on the sensor's label (fig. 3).



Fig. 1



Fig. 2



Fig. 3

S/N: XXXXXXXXXXXX

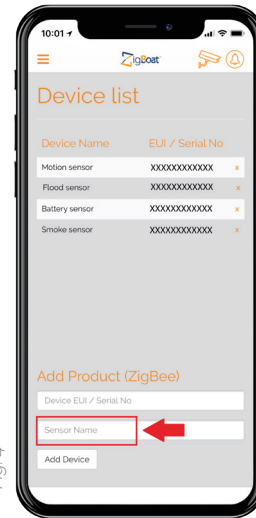
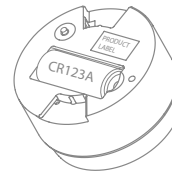


Fig. 4

- To find the serial number detach the sensor mount base.



- You can change the devices name by selecting "Name" (fig. 4). Then, press the button "Add Device".
- Insert the battery (1xCR123) noting the polarity.
- The Heat Alarm Sensor will now start searching (up to 15 minutes) for the ZigBoat™ network to join.
- While searching for the ZigBoat™ network to join, the LED flashes red.



- When the LED stops flashing, the Heat Alarm has successfully joined the ZigBoat™ network.

To check the correct configuration, select the overview tab of the ZigBoat™ App. (fig. 5)

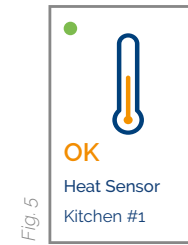


Fig. 5

Green dot: The sensor is working properly

Red dot: The sensor is not able to reach the Gateway.

- Please check the battery status;
- Please check that the correct serial number has been entered
- In case of a weak or a bad signal, change the location of the ZigBoat™ Heat Alarm Sensor

"OK": No rapid heat rise detected

"ALARM": The sensor detects rapid heat rise or absolute heat levels and will send push notifications if the gateway is connected to internet

Placement

- Place the alarm indoors at a temperature between 0-50°C (32-122°F).
- The distance between the Heat Alarm Sensor and walls, ventilation or other obstacles, should be at least 50 cm (20").
- Place the Heat Alarm Sensor at least 4 meters (12') from a fireplace or stove.
- Place the Heat Alarm Sensor within reach for battery testing and maintenance.

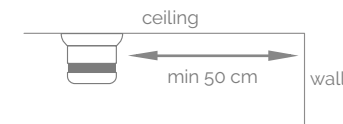
RECOMMENDED LOCATIONS:

- Galley
- Salon
- Bathroom
- Cabin

NOTE: It is not suggested to use it in engine rooms

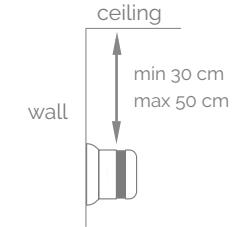
CEILING PLACEMENT

The Heat Alarm Sensor should be a minimum of 50 cm (20") from the wall.



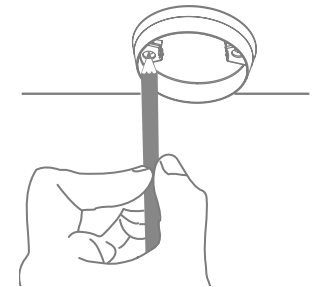
WALL PLACEMENT

The Heat Alarm Sensor should be placed between 30 cm (12") and 50 cm (20") from the ceiling.

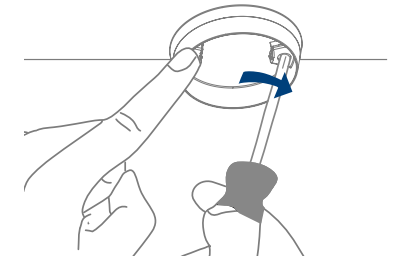


Mounting

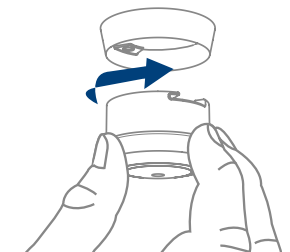
- Detach the sensor from the mounting base by twisting counter-clockwise.
- Use the mounting base ring to mark the screw holes on the ceiling or on the wall.



- Use enclosed screws and plugs to install the mounting base on the marked position.

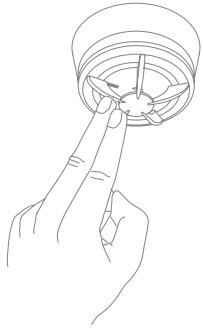


- Attach the sensor by twisting clockwise until it clicks. If the battery is missing or inserted incorrectly, it will be impossible to click the alarm in the mounting base.



Testing

- Always test the working order of the Heat Alarm Sensor after installation or battery change.
- When pressing the Alarm Sensor button, an alarm sound should be heard.
- A network alarm test can be performed by holding down the alarm button for at least 6.5 seconds



Resetting

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

STEPS FOR RESETTING

1. Remove the sensor from the mounting base by twisting it counter-clockwise.
2. Press and hold the LED button until it flashes continuously.
3. Release the button.



4. The resetting process is complete when the LED starts to flash.

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, means

that the battery should be replaced.

ALARM MODE

The simultaneous flashing of the front red LED and sounding of intermittent audible signal.

When heat is detected, the alarm will sound, press the "button/top" of the Sensor to acknowledge and stop the siren. After silencing the alarm, no other alerts will be detected for 10 minutes allowing for time to address any issues.

LOW BATTERY MODE

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

REPLACE DEVICE MODE

If there are no simultaneous audible signals and the front LED flashes every 45 seconds, this means that the device should be replaced. The life expectancy of heat alarm sensors is generally 10 years, after which point their sensors begin to lose sensitivity.

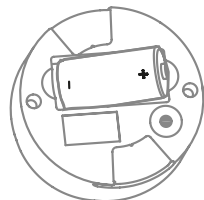
Fault finding

- If the Heat Alarm Sensor does not work when the test button is pushed, the probable cause is a faulty battery. Replace the battery if it is worn out.
- 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



1. To replace the battery, remove the Heat Alarm Sensor from the mounting base by twisting counter-clockwise.

2. Replace the battery noting the polarity. The Heat Alarm uses 1xCR123 battery.
3. Attach the Alarm Sensor in the mounting base by twisting clockwise until it clicks, and test the Alarm Sensor.

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 2014/53/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU

Other certifications

- ZigBee® certified



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Warranty

Glomex guarantees the Heat Alarm Sensor (ZB203) against manufacturing defects for a period of 2 years from date of purchase.

Warranty can be in the form of repair or replacement of the unit if manufacturing defects have been found and are confirmed by Glomex or one of its affiliates. In order to validate warranty, either the original sales receipt or a copy must be provided at the time warranty is requested. Before returning any items for warranty, please contact the Glomex Customer Service department to receive a RMA which should be completed and sent with the unit to the following address:

GLOMEX S.r.l.

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48124 Ravenna (Italy)

complete with all the accessories supplied at the time of purchase for shipment. The serial number must neither be erased nor made illegible, otherwise the warranty will be voided.



Consulta il manuale utente in italiano su:

Consultez le manuel d'utilisation en français sur:

Siehe das deutsche Benutzerhandbuch auf:

Consulte el manual de usuario en español en:

