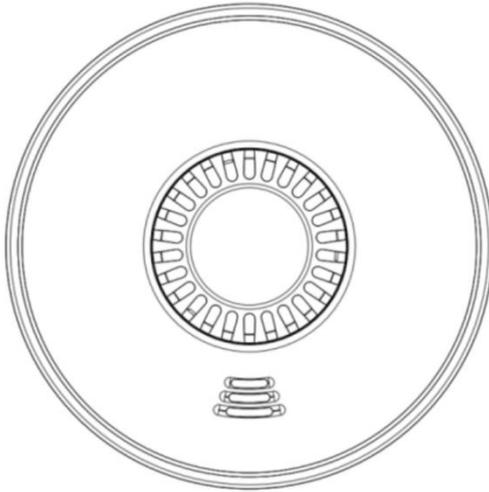


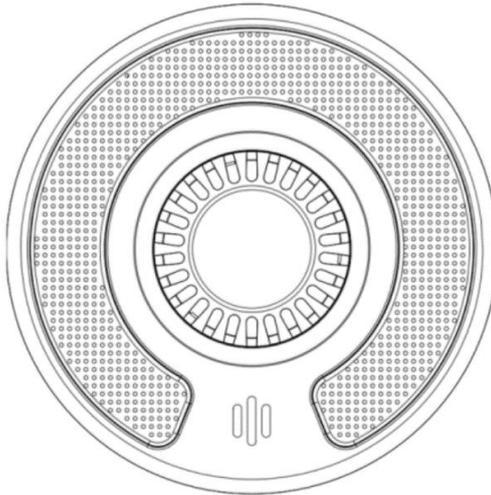
User Manual

Rev. 01

Heat Alarm



Model: VH01 / VH01F / VH01W



Model: VH03 / VH03F / VH03W

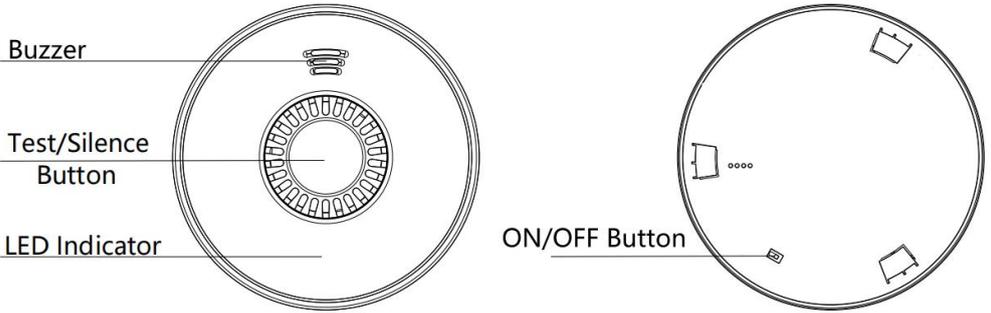
Thank you for purchasing our Heat Alarm. Please read this manual carefully to ensure proper use and store it in a safe place for future reference.

This heat alarm uses an NTC thermistor to monitor temperature changes that may be caused by a fire. The faster the temperature rises, the faster the alarm responds to the fire. It is widely used in environments where there are false alarms from cooking fumes, dry ice, or dust, so it can be installed in locations such as attics, garages, and kitchens. This device is Class A2 certified and activates when the temperature reaches a preset range of 129°F (54°C) to 158°F (70°C).

Model Chart

Model	Product Type
VH01	Standalone Heat Alarm
VH03	
VH01F	
VH03F	Wireless Interlinked Heat Alarm
VH01W	Wi-Fi Heat Alarm
VH03W	

Product Profile



Packing List

- 1 × Alarm Unit
- 1 × Mounting Bracket
- 2 × Screws
- 2 × Anchor Plugs
- 1 × User Manual

Product Specifications

- Power: 10-year sealed 3V lithium battery (non-replaceable)
- Product Life: 10 years
- Temperature Sensor Type: NTC thermistor
- Heat Sensitivity: 129°F (54°C) ~ 158°F (70°C)
- Recommended Coverage: 20~50m²
- Maximum Distance from Wall: 6m
- Maximum Ceiling Height: 6m
- Operating Temperature: 0~40°C
- Operating Relative Humidity: ≤ 90% (non-condensing)
- Alarm Volume: >85 dB(A) at 3 meters
- Silence Time: About 9 minutes

- Standard: BS 5446-2:2003

Below only for Wireless Interlinked Heat Alarm: VH01F / VH03F

- Wireless Frequency: 433MHz
- Transmission Range: Over 100m (in open air)
- Max. Number of Interconnected Units: 30 wireless units

Below only for Wi-Fi Heat Alarm: VH01W / VH03W

- Wireless Frequency: 2.4GHz
- Wireless Protocol: IEEE 802.11b/g/n
- App: TuyaSmart/Smart Life APP (Android and iOS supported)

NOTES

- 1. Battery life is calculated on the current ratings. If its operation mode changes to an alarming condition, the battery life will be decreased accordingly.**
- 2. Not recommended for operation below 0°C or above 40°C or in humidity greater than 90%, as this may reduce the battery life.**
- 3. Battery not replaceable, replace the device within 10 years of installation date.**

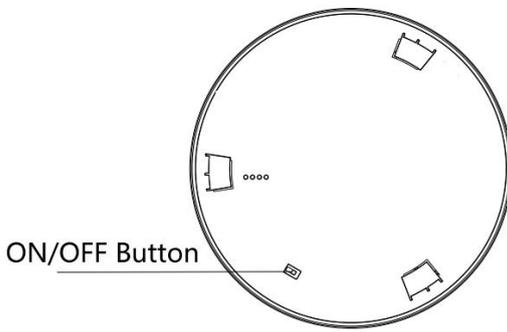
WARNING:

- 1. NEVER IGNORE ANY ALARM. FAILURE TO RESPOND CAN RESULT IN SERIOUS INJURY OR DEATH.**
- 2. THIS PRODUCT IS INTENDED FOR USE IN ORDINARY INDOOR RESIDENTIAL AREAS.**
- 3. THIS APPARATUS IS TO BE INSTALLED BY A COMPETENT PERSON.**
- 4. IT IS NOT TESTED FOR USE IN A CARAVAN OR BOAT.**
- 5. IMPORTANT: THIS UNIT SHOULD BE INSTALLED IN CONJUNCTION WITH ONE OR MORE SMOKE ALARMS. REFER TO USER GUIDE FOR OPERATING INSTRUCTIONS AND SAFETY INFORMATION. A HEAT ALARM IS NOT SUITABLE FOR USE AS A FIRE SAFETY DEVICE UNLESS IT IS PART OF A PLANNED FIRE SAFETY SYSTEM.**

How to Turn ON & OFF the Device

The device is turned off by default before leaving the factory, Before the device can be used normally, the product must be activated.

- 1. Switch the ON/OFF button to the ON position to turn on the device.**
- 2. Switch the ON/OFF button to the OFF position to turn off the device.**



Alarm Testing

Test the unit to ensure proper operation by pressing the Test/Silence button, the alarm will sound if the unit are working well. If no sounds, you can refer to “Trouble shooting” section for solution.

⚠ WARNING:

1. DO NOT test your alarm using an open flame. This may damage the alarm, or ignite combustible materials and start a structural fire.
2. DO NOT stand close to the alarm when the alarm is sounding. Exposure at close range may be harmful to your hearing, so step away when testing.
3. Weekly Test: test this alarm once a week.

Silence Mode

During the unit is alarming, you can push the Test/Silence button, it will be paused the unit alarming for approximately 9 minutes. The silence feature is to be used only when a known alarm condition. The alarm device will automatically reset after approximately 9 minutes.

⚠ WARNING:

Before using the alarm silence, identify the source of the fire and be certain a safe condition exists.

Indicator and Audible Alarm

Status	LED indicator	Audible alarm
Standby Mode	Flashes green once every 5 minutes.	None
Test Mode	4 sets of 3 red flashes.	4 sets of 3 beeps
Alarm Mode	Flashes red 3 times every 1.5 seconds.	3 beeps every 1.5 seconds
Silence Mode	Flashes red once every 5 seconds.	None
Low Battery	Flashes red once every 60 seconds.	1 beep every 60 seconds

Set Up and Interconnect Wireless Alarms

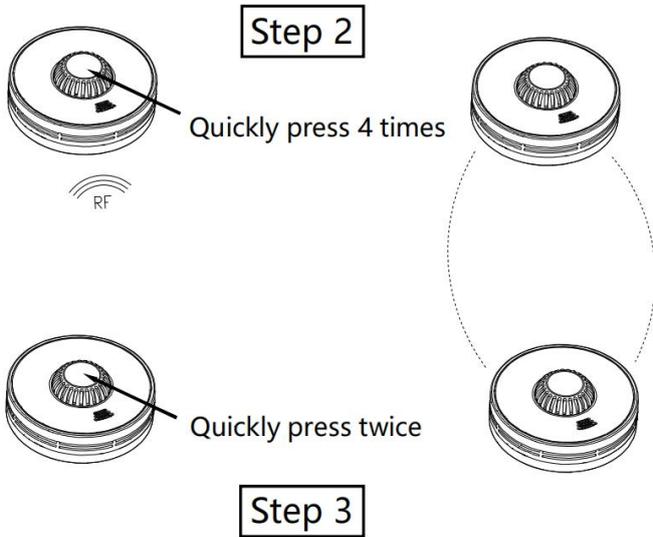
Only for Wireless Interlinked Heat Alarm: VH01F, VH03F

Wireless interlinked alarms are interlinked through radio-frequency signals. When one unit is triggered, all interconnected units will sound an alarm.

The wireless interlinked alarms in one multi-pack have already been interconnected, and the alarms in each multi-pack have their own independent interlinked network. If you have more than one multi-pack, you will need to connect them all to the same network. Choose one multi-pack as your base network and connect the other multi-packs (The alarms in this multi-pack must be disconnected one by one) to it.

How to create the interlinked network

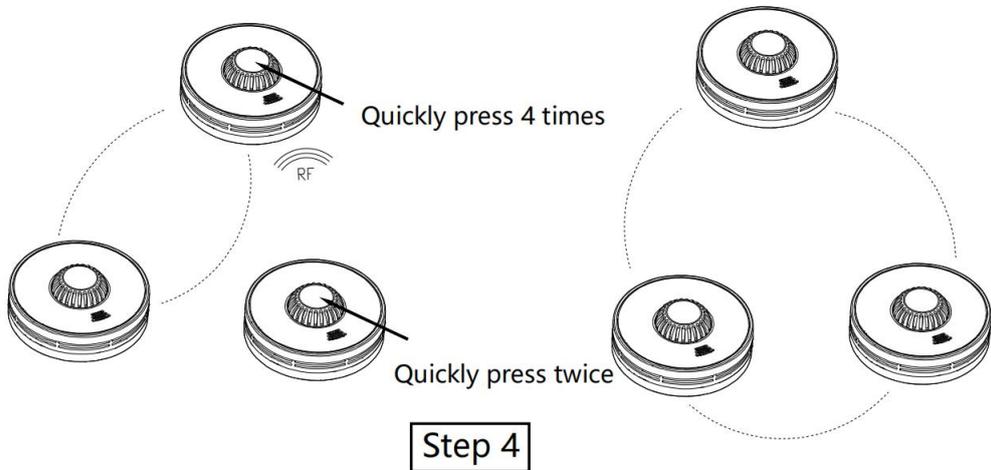
- Step 1: Make sure you only work with 2 units at a time, and make sure that they are both turned on to ensure successful connection.
- Step 2: Press the test/silence button on one of these alarms 4 times, and the green LED will slowly flash continuously, indicating it has entered the transmitting mode (valid time: 60 seconds).
- Step 3: Press the test/silence button on the other alarms twice, and the green LED will rapidly flash continuously, indicating it has entered the receiving mode.



If pairing is successful: The green LED of these alarms will stop flashing.

When it is failure: The green light will continue to flash for 60 seconds, and then the red light will stay on for 2 seconds.

- Step 4: If you want to connect more units, first choose any one of the previously interconnected units and follow step 2. Then, perform step 3 with the new device.



How to disabling the interconnect function

Quickly press the test/silence button 2 times; the green LED will rapidly flash for a few seconds. then ignore it and It will automatically disconnect. After disconnecting, it can be reconnected to the same network, or added to a new network.

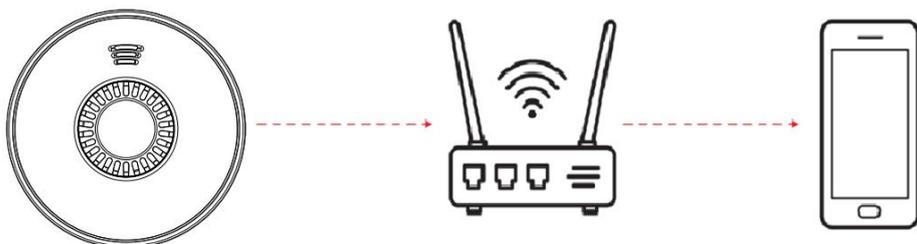
How to silence the alarms in network when alarm

- When the alarm is triggered, the device will enter the Source/Master heat alarm sound pattern and emit the alarm signal.
- Upon receiving the alarm signal, other alarm devices will enter the secondary alarm sound pattern until the Source/Master alarm device stops alarming.
- You can silence all interconnected units by pressing the test/silence button on one of the alarms. If one unit is still alarming, **it is the initiating heat alarm (the unit that detected the heat)**. To silence all connected units, you must also press the test/silence button on the initiating heat alarm.

Status	LED indicator	Audible alarm
Source/Master heat alarm sound pattern	Red LED flashes 3 times every 1.5 seconds.	3 beeps every 1.5 seconds
Secondary alarm sound pattern	Red LED and Green LED flash alternately.	Short quick beeps

Set Up and Connect Alarms to Wi-Fi

Only for Wi-Fi Heat Alarm: VH01W, VH03W



Before connecting alarms, make sure that:

1. Download the TuyaSmart/Smart Life app and connect the alarm to your Wi-Fi via the app. Search for TuyaSmart/Smart Life in the App Store or Google Play, or simply scan the included QR code to install the TuyaSmart/Smart Life app. You will also need to register an account.



TuyaSmart App



Smart Life App

2. Know your Wi-Fi network name and password.
3. Make sure you are connecting alarms to a 2.4GHz Wi-Fi network. (incompatible with 5GHz Wi-Fi network).
4. Make sure the Bluetooth on your phone is turned on.

How to connect

1. Activate the alarm;
2. Press the Test/Silence button four times until the green light blinking;
3. Open the TuyaSmart/Smart Life app, tap the “+” icon in the top right corner of the “Home” page, or directly tap “Add Device” to add the device;
4. Choose the “Auto Scan” to find the device, you can see “devices to be added” then follow the app guide to connect it.
5. Once you have successfully connected your device to the app, you can continue to the “Settings” section to set up push notifications and change various settings for the app and device.

NOTES:

1. Unsuccessful connection may be because your router, mobile phone, and alarm are not as close to each other as possible, you have incorrectly entered your Wi-Fi password, or the Bluetooth on your phone is not turned on.
2. If your home Wi-Fi router is a 2.4 and 5 GHz dual-band that works with a single SSID name, please refer to your Wi-Fi router manual to create separate SSIDs for the 2.4 and 5 GHz channels. You can also select “Common router setting method” on the TuyaSmart/Smart Life App in the network configuration process to learn about the corresponding setting method.

Installation Instructions

HEAT ALARM LOCATION

Heat alarms give an audible warning when the temperature at the alarm reaches 54°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.

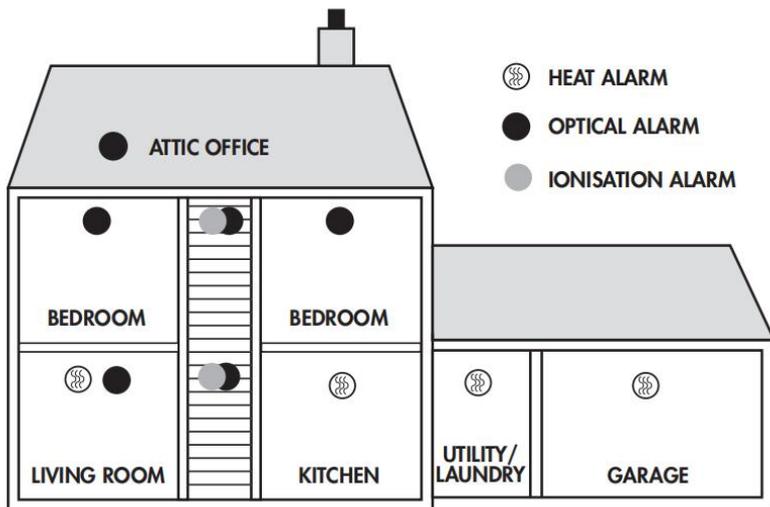
HEAT ALARM SITING

FOR BEST PROTECTION, IT IS RECOMMENDED THAT YOU INSTALL A SMOKE

OR HEAT ALARM IN EVERY ROOM. In addition, it is recommended that all smoke and heat alarms should be interconnected.

Install heat alarm on a standard dry lining box or pattress as close to the center of the ceiling as possible. If the center is not practical, mount the heat alarm no closer than 300mm away from a wall or corner.

In rooms with open joists or beams, all ceiling-mounted alarms should be located on the bottom of such joists or beams and not up in joist channels. On sloped, peaked or gabled ceilings, install heat alarm 90cm from highest point. If only wall placement is possible, install no further than 150mm from ceiling.

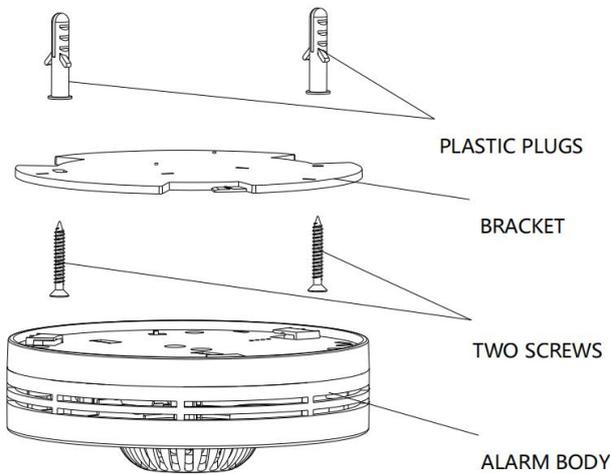


Locations to Avoid

1. Directly over the cooker, stove or oven.
2. In areas with high humidity, like bathrooms or shower rooms, or areas near dishwashers or washing machines. Install heat alarms at least 3m away from these areas if possible.
3. Adjacent to, or directly above, heaters, air-conditioning vents or ceiling fans.
4. In an area where the temperature may fall below 0°C or rise above 40°C
5. In areas above 90% relative humidity (RH), non-condensing.
6. Near fluorescent lights. Electrical noise and flickering may affect the operation of the heat alarm.
7. Closer than 300mm to light fittings.
8. In such a position that it is difficult or dangerous to reach for testing or maintenance.
9. Do not site the alarm in an area where water or other liquids may enter the alarm.

Installation Method

1. Twist off the mounting bracket from the alarm.
2. Put the bracket on the installation position and mark the screw holes on the ceiling or the wall.
3. Drill two mounting holes in the marked place by an electric drill and insert two plastic anchor plugs by hammer.
4. Screw the mounting bracket to the ceiling or the wall.
5. Attach the alarm to the mounting bracket and turn clockwise to lock the alarm



⚠ WARNING: The installation instructions must be followed strictly in case of any injury.

Maintenance

To keep your heat alarm in good working order, follow these simple steps:

1. Verify the unit's alarm sound and indicator are working properly by testing the unit once a week.
2. As a minimum your heat alarm should be cleaned once every 3 months: Remove the unit from the ceiling and clean the alarm cover and vents with your vacuum cleaner fitted with the soft brush attachment to remove dust and dirt.
3. Never use detergents or other solvents to clean the unit.
4. Avoid spraying air fresheners, hair spray or other aerosols near the alarm.
5. Do not paint the unit. Paint will seal the vents and interfere with the sensor's ability to detect fire.
6. Never attempt to disassemble the unit or clean inside. Doing so will void your warranty.
7. When removed, place the heat alarm back in its proper location as soon as possible, to assure continuous protection from fire.
8. When household cleaning supplies or similar contaminants are used, the area should be ventilated.

Trouble Shooting

PROBLEM	SOLUTION
Your alarm does not sound during testing.	<ul style="list-style-type: none"> • Check whether the ON/OFF button to the ON position. • Make sure you push the test/silence button firmly. • Check the installation positioning. The wireless signal might be blocked or out of range (Only for wireless models: VH01F, VH03F).

False alarms triggered intermittently.	<ul style="list-style-type: none"> • Check the location of your alarm (see “HEAT ALARM SITING”). • Clean the alarm (see “Maintenance”).
Red LED flashes and the alarm sounds one beep every 60 seconds.	The battery is low. Replace the device immediately.
Red LED flashes and the alarm sounds two beeps every 40 seconds.	The alarm is malfunctioning. Please clean your alarm and see if it is working normally. If not, replace the device immediately.
Device failed to connect to the network.	Make sure the Bluetooth on your phone is turned on when you connect the device to the network. Read the operating instructions in this manual carefully (Only for Wi-Fi models: VH01W, VH03W).

Fire Procedure

If you hear the heat or smoke alarm sounding, and you have not pushed the test button, it is warning you of a dangerous situation. You will need to respond immediately. To prepare for such occurrences, develop family escape plans, discuss them with all household members, and practice them regularly. For your safety, as a minimum, you should do the following to have more effective fire safety.

- Draw a floor plan of your home and find all ways to escape if there is a fire. On the ground floor, consider whether windows can be used for escape. On upper floors, consider whether external rescue will be possible if escape routes are blocked by fire or smoke.
- Expose everyone to the sounds of the heat alarm and of the smoke alarm and explain what the sounds mean. Show them how to check to see if doors are hot before opening them, how to stay close to the floor and crawl along the floor to stay below dangerous smoke, fumes and gases, and how to use the alternative exit if a door is hot. Instruct them not to open the door if the door is hot.
- Decide on a meeting place a safe distance from your house and make sure all members of your household understand they should go and wait for you there if there is a fire. Explain to children that they must be ready to leave the house by themselves if necessary.
- Hold fire drills every six (6) months to make sure everyone, even small children, know what to do to escape safely.
- Know where to go to call the Fire Brigade from outside your house.
- Provide emergency equipment, such as fire extinguishers, and teach your family how and when to use this equipment.

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with Local Authority or retailer for recycling advice.

