

BHT-006 Series Thermostat



- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktionseinführung zu erhalten
- Escanee el código QR para obtener el manual en español, el video de instalación y la introducción de la función
- Veuillez scanner le code QR pour obtenir le manuel en français, la vidéo d'installation et l'introduction des fonctions
- Отсканируйте QR-код, чтобы получить руководство на русском языке, видео по установке и описание функций
- Leia o código QR para obter o manual em português, o vídeo de instalação e a introdução das funções



For Water Heating/Boiler/Electric Heating

Thank you for purchasing our products, please read the following terms before installation and use:

- Please confirm that this product is suitable for your heating equipment before installation;
- *Before installation or maintenance, please make sure to keep the power off;
- *Please strictly follow the wiring diagram for wiring installation;
- *Installation to the wall, please confirm that the fasteners are suitable for this product;
- *Do not pull the cable too hard, otherwise the product will be damaged;
- *If a hard plastic wire is used in the installation process, it must be bent to an appropriate angle in advance;
- *Please arrange for professionals to install;
- *Please contact the after-sales service for equipment failure, please do not try to repair it yourself;
- * After installation, please refer to this manual to check again to ensure normal and safe use, and keep this manual properly.

ABOUT YOUR THERMOSTATS

The BHT-006 range has been developed to control electric underfloor, water heating or water/ gas boiler systems. These units are designed for use in commercial, industrial, civil and domestic properties

MODEL DEFINITION

GA: Water heating, 5A
 GB: Electric floor Heating, 16A
 GC: Water/Gas Boiler, 5A
 L: Backlight
 N: Modbus Communication
 W: Wifi
 S2: Both internal sensor and floor external sensor
 For example: BHT-006GA

In the box you will find

| | | | |
|------------|-----|----------------------------|-----|
| Thermostat | 1pc | Screws | 2pc |
| User Guide | 1pc | Wall plate | 1pc |
| QC Passed | 1pc | (Floor sensor is Optional) | |

TECHNICAL DATA

Power Supply: 95~240 VAC, 50~60 Hz
 Current Load: 5A (water heating, gas boiler), 16A (electric heating)
 Sensor: NTC3950, 10K
 Accuracy: ±1°C
 Set Temp. Range: 5~35°C
 Room Temp. Range: 5~99°C
 Display Temp. Range: 5~99°C
 Ambient Temp.: 0~45°C
 Ambient Humidity: 5~95% RH (Non Condensing)
 Storage Temp.: -10~45°C
 Power Consumption: <1.5W
 Timing Error: <1%
 Shell Material: PC+ABS (Fireproof)
 Installation Box: 86*86mm Square or European 60mm Round Box
 Wire Terminals: Wire 2x1.5mm² or 1x2.5mm²
 Protection Class: IP20
 Buttons: Capacitive Touch Buttons

FEATURES

On Appearance

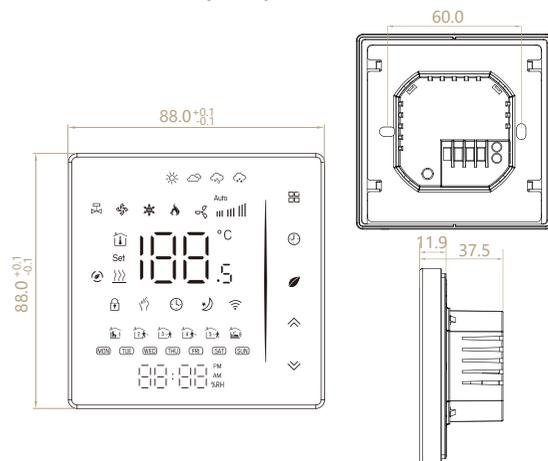
1. LED display, more friendly interface;
2. Touch operation buttons, smoother interaction;
3. The ultra-thin embedded panel perfectly fits all kinds of walls;
4. The borderless small rounded corner design is simple and atmospheric;
5. Compatible with standard 86mm square cassettes and 60mm European cassettes to meet all installation environments;

On Functionality

1. Rich function options, Modbus, WIFI, keycard, etc., to meet all your needs;
2. Strict temperature control accuracy (±1°C) to provide the warmth you want;

3. Power off protection, save all your settings safely;
4. Provide weather information and humidity display
5. Preset adjustment of 5+1+1 mode in a week, programmable setting of 6 time periods a day, green energy saving, Less cost, more intelligent and environmental protection;
6. Support the creation of product local groups/shares to achieve unlimited centralized control of the number of products/multi-terminal control;
7. Perfect access: Tmall Genie, Amazon echo, Google Home, full experience new voice control method;

DIMENSION:(mm)



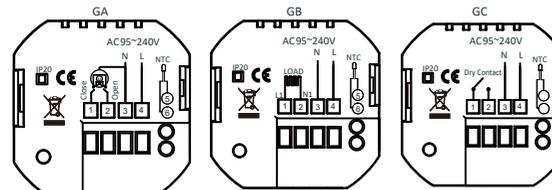
BEFORE WIRING AND INSTALLING

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.

CAUTION

Electrical Shock or Equipment Damage Hazard. Can shock individuals or short equipment circuitry. Disconnect power supply before installation.

WIRING

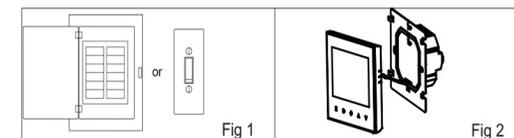


Note:
 GA is for water heating;
 GB is for electric heating;
 GC is for water/gas boiler;
 NTC and Modbus is optional.

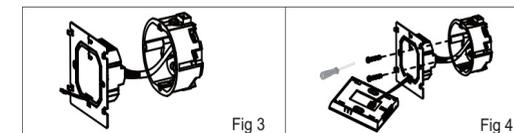
INSTALLATION

Your thermostat is suitable for installation within a standard 86mm pattress box or European 60mm pattress box.

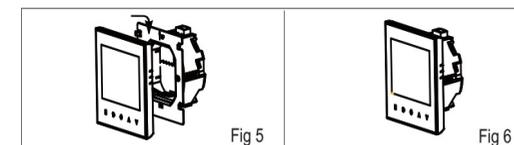
- Step 1. Keep power off. See Fig 1.
- Step 2. Remove the mounting plate by pushing the LED assembly. See Fig 2.



- Step 3. Connect power supply, load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 3).
- Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.



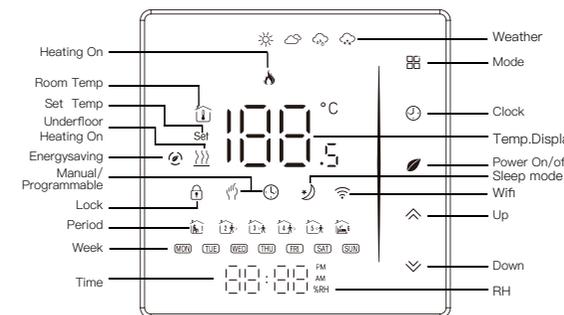
- Step 5. Fix the thermostat body and the mounting plate by the lower button. See Fig 5.
- Step 6. Installation complete. See Fig 6.



HOME SCREEN QUICK REFERENCE

Note:
 The weather and humidity will be synchronized within 1 hour after the device is connected to the Internet for the first time, and the weather will be synchronized every hour thereafter.

Press the / in the power-on state to display the humidity and set temperature.



OPERATION

During Power On

1. Power On/off: Press to turn the thermostat on/off.
2. Function & Programmable: Touch to change between manual mode and programmable mode. In manual mode, will show on the display, In programmable mode, will show on the display.

3. Setting Temperature

In the programming mode, the temperature setting and time setting will be locked. If the user wants to adjust, he must first adjust the thermostat to manual mode by pressing the key. In the mode of manual, press / to set the desired temperature.

4. Adjusting/Setting the Clock

Press to set minute, hour and weekday. By using the / . Press once more to confirm and exit.

5. Locking your Thermostat

Press and hold the / for 5 seconds to lock/unlock your thermostat. In item 3 of high senior options, you can select full lock or half lock.

6. Adjusting/setting the Program Schedules

When Wi-Fi connection is made, your thermostat will automatically accept the program schedule made via the APP on your device. If the schedule is set through the APP, after the APP completes the schedule setting, the thermostat needs to be turned off once.

If the thermostat does not establish a Wi-Fi connection, manually set the schedule see below for detailed instructions: To set the program schedules through your thermostat (NOT via your smartphone/tablet) simply follow the instructions as below: Please note: Setting the programme schedule through your thermostat can only be carried out if there is no WiFi connection between your thermostat and smartphone/tablet.

Press icon four times in a row. You can see "MON TUE WED THU FRI" and , and the minutes of time are flashing. Use / to set the minutes;

Press the icon again, the hour of the time will flash, set the hour by / ; Press the icon again, the temperature setting will flash, set the temperature by / ; This completes the setting of periods1. In the same way, complete the settings of periods2, 3, 4 and 5 (display periods1,2), 5 (display periods3,4). Press the icon once more to enter the Saturday schedule settings (you will see the SAT in the upper left corner of the screen). Repeat the above process to set the period and temp. and Sunday schedule. Press the icon once more to confirm and exit.

Default settings for program schedule

| Time display | WEEKDAY (MONDAY—FRIDAY) (1 2 3 4 5 shows on screen) | WEEKEND (SATURDAY) (6 shows on screen) | WEEKEND (SUNDAY) (7 shows on screen) | | | |
|--------------|--|---|---|-------------|-------|-------------|
| | TIME | TEMPERATURE | TIME | TEMPERATURE | TIME | TEMPERATURE |
| Period 1 | 06:00 | 20 | 6:00 | 24 | 6:00 | 19 |
| Period 2 | 11:00 | 21 | 12:00 | 23 | 12:30 | 20 |
| Period 3 | 13:30 | 22 | 14:30 | 22 | 14:30 | 21 |
| Period 4 | 17:30 | 23 | 17:30 | 21 | 18:30 | 20 |

A separate schedule may be set for weekdays (Mon-Fri) and for weekends (Sat or Sun).

Method Two

Use APP for one week of programming settings, please refer to the second page "Programming your thermostat"

7. Checking the Temperature of Floor Sensor

Press and hold the arrow for 5 seconds to display the temp. of floor sensor.

Preparation for use

Download MOES App



Download on the
App Store

GET IT ON
Google Play

MOES App is upgraded as much more compatibility than Tuya Smart/Smart Life App, functional well for scene controlled by Siri, widget and scene recommendations as the fully new customized service. (Note: Tuya Smart/Smart Life App still works, but MOES App is highly recommended)

2 Registration or Log in



Enter the Register/Login interface; tap “Register” to create an account by entering your phone number to get verification code and “Set password”. Choose “Log in” if you already have a MOES account.

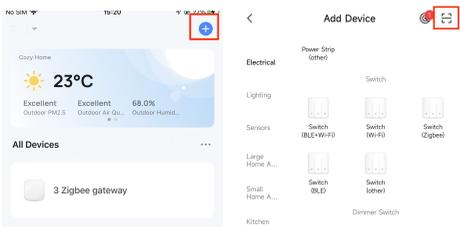
ZigBee CONNECTION

Ensure the device is within the effective signal coverage of your smart ZigBee gateway for successful connection into the ZigBee gateway in MOES APP.

Method One:

Scan the QR code to configure the network guide.

1. Make sure your MOES APP has successfully connected to a Zigbee gateway.

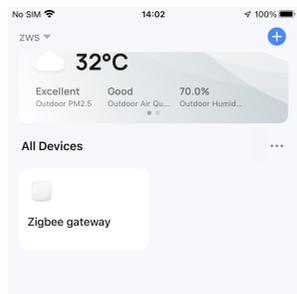


Scan this QR code

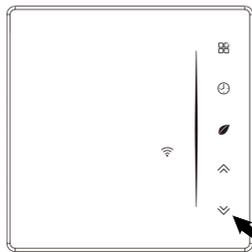


Method Two:

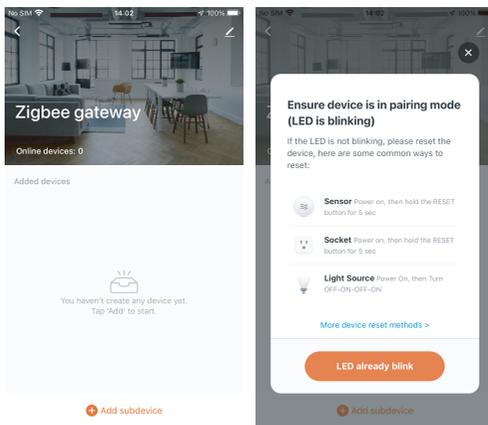
1. Make sure your Smart MOES Smart APP has successfully connected to a Zigbee gateway.



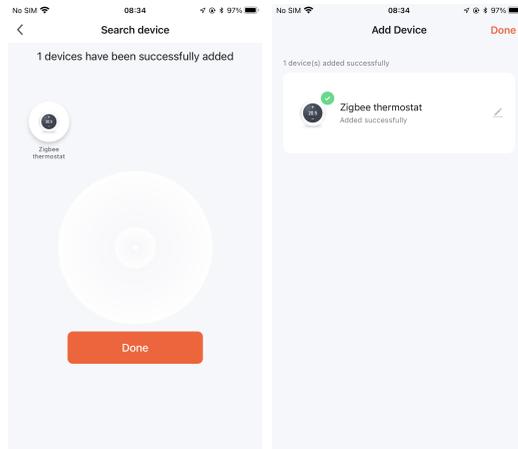
2. Reset: When the thermostat is off, press and hold the “⏏” until the thermostat screen flashes quickly and displays the “📶” icon, and then operate according to the following figure.



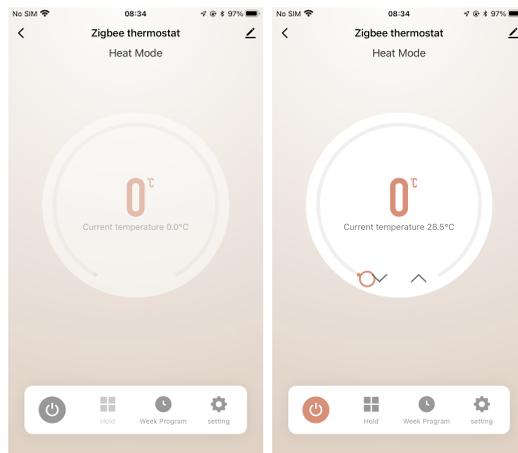
3. Enter the gateway. Please follow the picture below to finish as “Add subdevice” → LED already blink, and the connecting will take about 10–120 seconds to complete depending on your network condition.



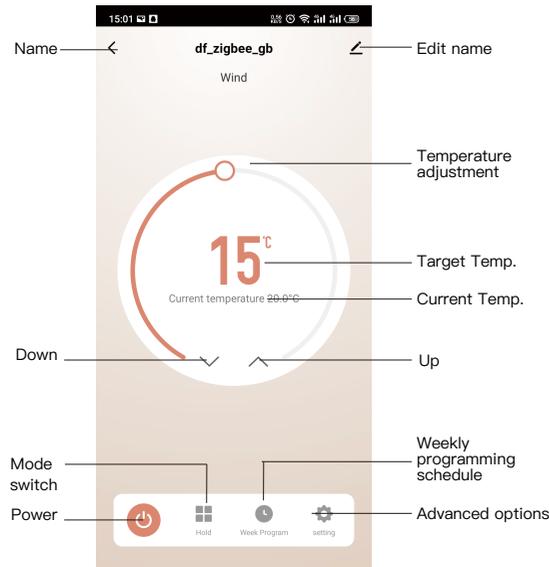
4. Add the device successfully, you can edit the name of the device to enter the device page by click “Done”.



5. Click “Done” to enter the device page to enjoy your smart life with home automation.



APP operation interface description (heating thermostat)



Simplement Exception Handling

| No. | Phenomenons | Handling |
|-----|---|--|
| 1 | Power is on but without display. | Check if the terminals between LCD panel and Power Unit Box is loosen. |
| 2 | Without output but display works. | Use a new LCD panel or new Power Unit Box to replace the old one. |
| 3 | Room Temp. Is a little different from the actual. | Do temperature calibration in item 1 of high senior options |

SERVICE

- During the free warranty period, if the product breaks down during normal use, we will offer free maintenance for the product.
- Natural disasters/man-made equipment failures, disassembly and repair without the permission of our company, no warranty card, products beyond the free warranty period, etc., are not within the scope of free warranty.
- Any commitment (oral or written) made by the third party (including the dealer/service provider) to the user beyond the warranty scope shall be executed by the third party.
- Please keep this warranty card to ensure your rights.
- Our company may update or change the products without notice. Please refer to the official website for the updates.

RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equipment (WEEE Directive 2012/19 / EU) must be disposed of separately from unsorted municipal waste. To protect your health and the environment, this equipment must be disposed of at designated collection points for electrical and electronic equipment designated by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collection points are and how they work, contact the installer or your local authority.



WARRANTY CARD

Product Information

Product Name _____

Product Type _____

Purchase date _____

Warranty Period _____

Dealer Information _____

Customer's Name _____

Customer Phone _____

Customer Address _____

Maintenance Records

| Failure date | Cause Of Issue | Fault Content | Principal |
|--------------|----------------|---------------|-----------|
| | | | |
| | | | |
| | | | |
| | | | |

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