

BHT-209WM Wall-mounted Thermostat



Suitable for wall-hung boiler/boiler

Welcome

Your new thermostat will provide uniform and comfortable temperature control throughout every room in your property. We combine the technology,craftsmanship and the highest quality materials together to provide you a safe, reliable product with sleek and contemporary design. Please read this installation/programming manual for comprehensiveinstructions on installing and operating your thermostat. Please also ensure a suitably qualified person to install your thermostat and comply with all local regulations.

IN THE BOX YOU WILL FIN D

Thermostat*1 Screw*2 QC passed*1 Manual*1

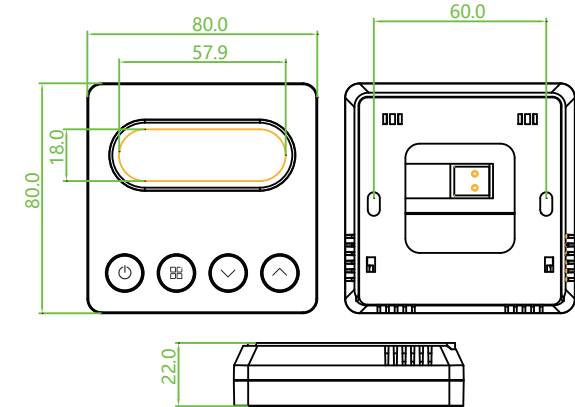
FEATURES

- 1. Display indoor temperature and indoor humidity information at the same time
- 2. LCD small positive display screen.
- 3. 2*AA batteries.
- 4. Touch buttons to make simple operation.
- 5. Convenient wall mounting.
- 6. The visible thickness above the wall is only 20.5 mm.
- 7. Simple interface design, elegant and stylish
- 8. ±1°C Accuracy keeps temperature within the level you set.
- 9. Data memory when power is off.

ABOUT YOUR THERMOSTAT

The BHT-209W range has been developed to controlwater/gas boiler system. These unitsare designed for use in commercial, industrial, civil and domestic properties.

DIMENSION



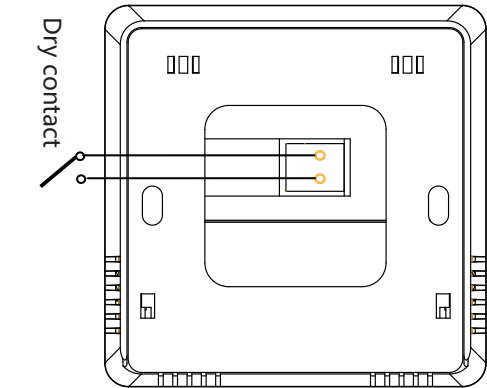
TECHNICAL DATA

Power Supply: 2*AA battery
Current Load: 5A (water heating/water boiler/gas boiler)
Sensor: NTC3950, 10K
Set Temp. Range: 5 ~45 °C
Accuracy: ±0.5 °C
Dispaly Temp. Range: 5 ~ 99°C
Ambient Temp.:0~45 °C
Ambient Humidity: 5 ~ 95 % RH (Non Condensing)
Storage Temp.:~5 ~ 55 °C
Timing Error: < 1%
Power Consumption: <1.5W
Shell Material: PC +ABS (Fireproof)
Protection Class: IP20
Installation Box:Wall mounting
Buttons: Capacitive Touch Buttons

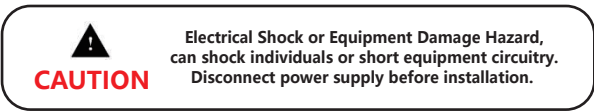
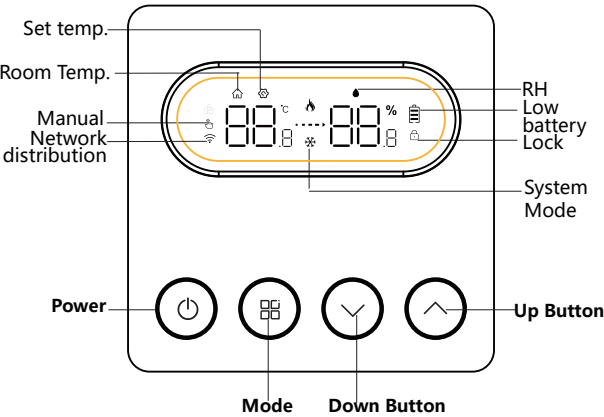
BEFORE WIRING AND INSTALLING

- 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 asprovided in these instructions.

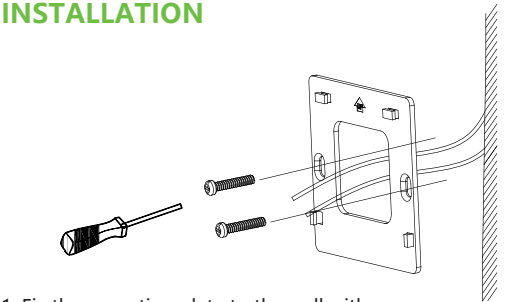
WIRING



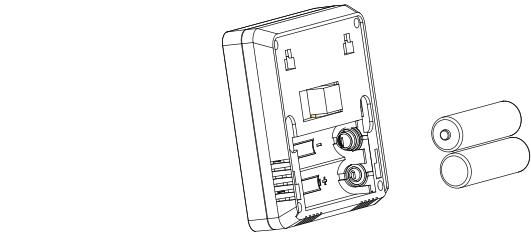
HOME SCREEN QUICK REFERENCE



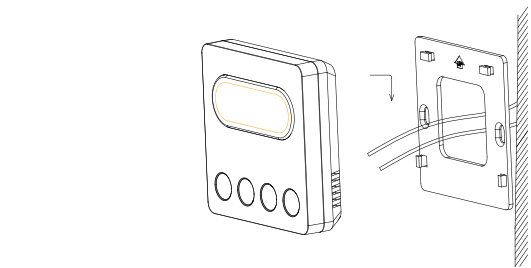
INSTALLATION



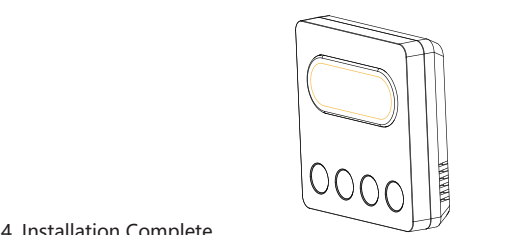
1. Fix the mounting plate to the wall with screws.



2. Operation panel Install batteries



3. Connecting the wires correctly and snap the operation panel onto the mounting plate.



4. Installation Complete

OPERATION

During Power On

1. Power On/off:

Press to turn the thermostat on/off.

2. Setting Temperature

In the mode of manual , press to set the desired temperature.

3. 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.

4.Selecting System Mode

Press to change the system mode HEATING, COOLING. When in working state, " "or " "is flash

5.Low battery reminder

When the battery is low, the icon on the screen flashes to remind you to replace the battery as soon as possible.

Setting the Functions and Options

In order to reach system function, turn the thermostat off. Press and hold the key for 5 seconds. Then press to scroll through the available functions. Use the and arrows to change the available options. All settings are confirmed automatically.

Code	Function	Setting and options	Default
1	Temperature compensation	-9 to 9 °C	-1
2	Humidity compensation	-9-9	2
3	Deadzone Temp.	1-5°C	1
4	Button Locking	00:All buttons are locked except power button. 01:All buttons are locked.	1
5	Min.Set Temp.	5-15°C	5
6	Max.Set Temp.	35-45°C	45
7	SetTemperature_eco_cool	0-10°C	01
8	Restore factory settings	00: normal mode 01: factory mode	00
9	Version NO.		U1

ABOUT Zigbee
Zigbee Connection

Step 1 Downlod your APP (Fig 1-1)

Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.



Fig 1-1



Fig 1-2 iOS



Fig 1-3 Android

Step 2. The second step is to confirm that you have connected to the Tuya zigbee wired or wireless gateway.

For the gateway connection process, please refer to the manual of the gateway you purchased; the following process is based on the "wireless smart zigbee gateway".

Step 3. Connect the thermostat

Check the tutorial below to complete the connection and setup. Method 1: Scan the QR code to configure the network guide (Fig 3.1-Fig 3.4)

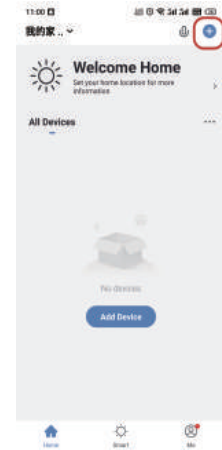


Fig3.1



Fig3.2



Scan this QR code

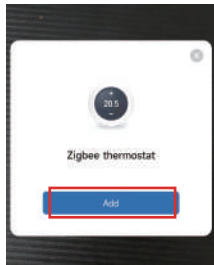


Fig3.3

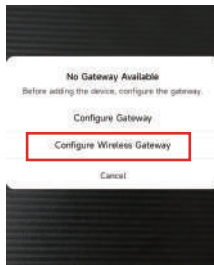


Fig3.4



Fig3.5

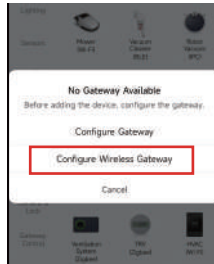


Fig3.6

Network distribution mode:

1. Zigbee quick connect

Long press the gateway network configuration button until the network configuration indicator flashes quickly, follow the prompts and wait for the gateway to be added (Fig3.7-Fig3.10).



Fig3.7



Fig3.8

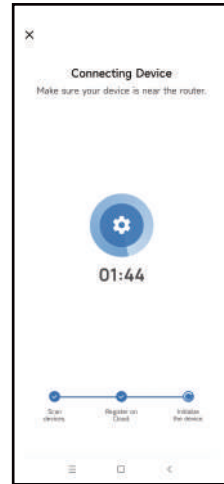


Fig3.9

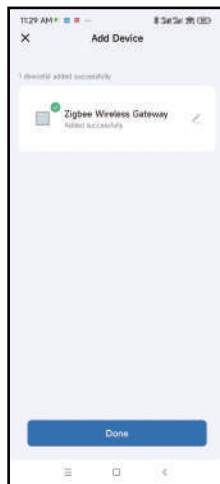


Fig 3.10



Fig3.13

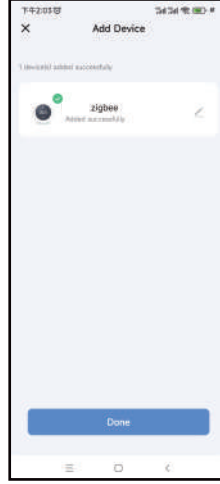


Fig3.14

2. Zigbee gateway connection

With the thermostat turned off, press and hold the "V" until the thermostat screen flashes quickly and displays the "V" icon, and then operate according to the following figure (Fig3.11-Fig3.14).

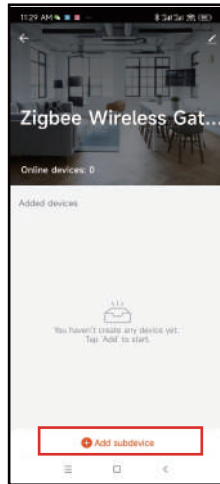


Fig 3.11

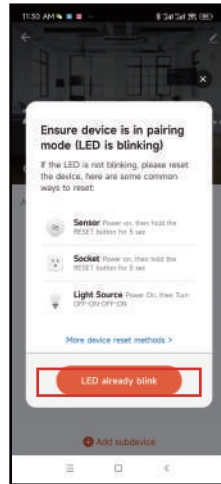
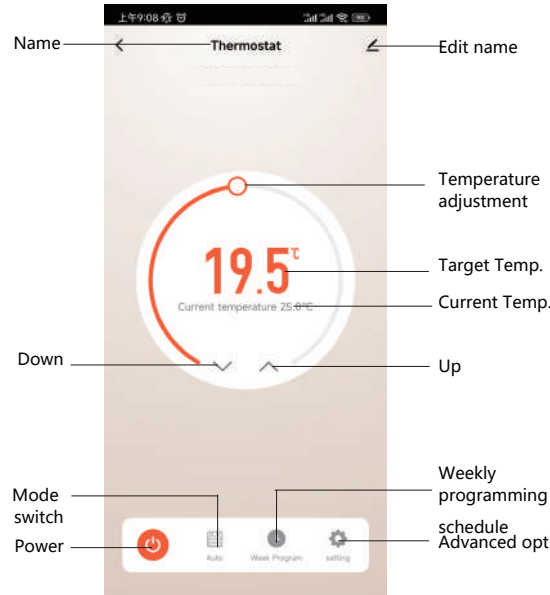
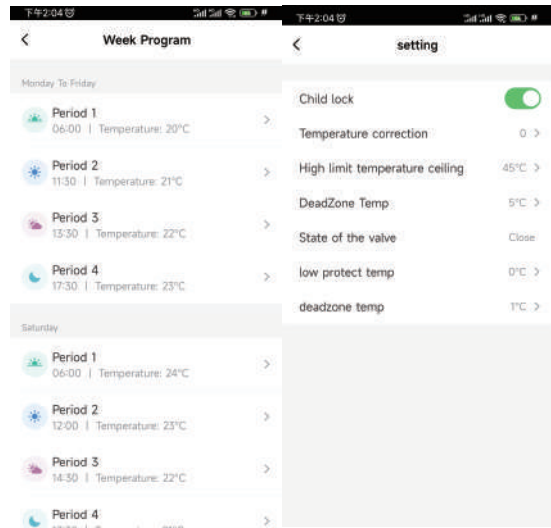


Fig3.12

APP operation interface description (heating thermostat)



More settings



Programming

Setting the Functions and Options

SIMPLE EXCEPTION HANDLING

No.	Phenomenons	Handling
1	The display panel can be operated but the receiver does not respond	Check advanced option item 4, display panel and receiving
2	The phone cannot control the thermostat	Check if the APP is locked, click "lock"
3	Room temperature is different from actual temperature	Adjust temperature compensation in item 1 of advanced settings

SERVICE

24-months warranty since date of purchase
Service beyond the warranty period may need charge.
More details, please contact us.