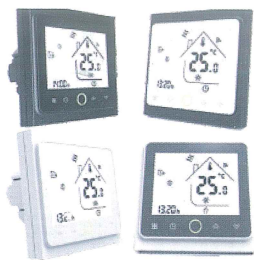


BHT-002 Series WiFi Thermostat
User Guide



For Water Heating/Boiler/Electric Heating
For other languages, please scan the following QR code



Thermostat Colors:
002FB: full black
002FW: full white
002BW: black and white
002WB: white and black

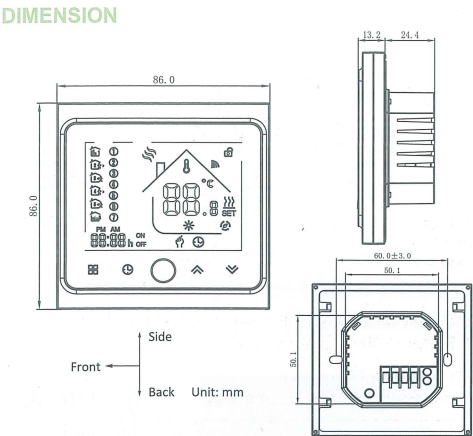
Welcome
Thank you for your purchase.
Your new thermostat will provide uniform and comfortable temperature control throughout every room in your property.
Please read this installation/programming manual for comprehensive instructions on installing and operating your thermostat.

Table with 4 columns: Item, Quantity, and Description. Rows include Thermostat (1pc), User Guide (1pc), and QC Passed (1pc).

ABOUT YOUR THERMOSTATS
The BHT-002 series range has been developed to control electric underfloor, water heating or water/gas boiler systems.

MODEL DEFINITION
GA: Water heating, 5A
GB: Electric floor Heating, 16A
L: Backlight
P: Weekly Programmable
W: Wifi
N: Modbus Communication
S2: Both internal sensor and floor external sensor

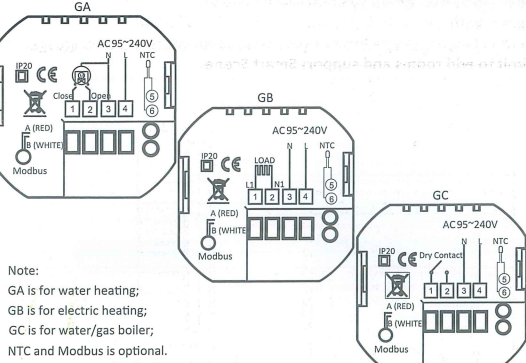
- FEATURES
On Appearance
1. Convenient operation creates convenient life.
2. Options of black and white housing.
3. Fashion design blends in with any decor.
4. Touch Screen display with backlight is easy to read, even in the dark.
5. Bright buttons always remind you the world truly exist.
6. Easy UI interface could be used even by child.
On Functionality
1. Powerful functions are available such as Modbus/WIFI etc.
2. 0.5°C Accuracy keeps temperature within the level you set.
3. Data memory when power is off.
4. 5+1+1 six periods programmable maximize comfort and economy.
5. Create thermostat group to Centralized control
6. Integrate with Amazon Echo, Google Home, Tmall Genie.
7. All setting languages synchronize your time zone, address and language.
8. No limit to add rooms and support Smart Scene.



TECHNICAL DATA
Power Supply: 95 ~ 240 VAC, 50 ~ 60HZ
Current Load: 5A (water heating/water boiler/gas boiler)
16A (electric heating)
Sensor: NTC 3950, 10K
Accuracy: ±0.5 °C
Set Temp. Range: 5 -35°C
Display Temp. Range: 5 ~ 99 °C
Ambient Temp.: 0 ~ 45 °C
Ambient Humidity: 5 ~ 95 % RH (Non Condensing)
Storage Temp.: -5 ~ 45 °C
Power Consumption: <1.5W
Timing Error: < 1%
Shell Material: PC +ABS (flame retardant)
Installation Box: 86 * 86mm Square or European 60mm Round Box
Wire Terminals: Wire 2 x 1.5 mm2 or 1 x 2.5 mm2
Protection Class: IP 20
Buttons: Capacitive Touch Buttons

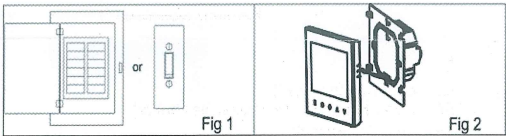
- BEFORE WIRING AND INSTALLING...
1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained,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

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

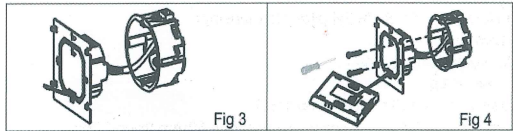


INSTALLATION
Your thermostat is suitable for installation within a standard 86mm pattress box or European 60mm pattress box.

- Step 1. Keep power off. See Fig 1.
Step 2. Slide the LCD assembly down to remove the mounting plate. See Fig 2.

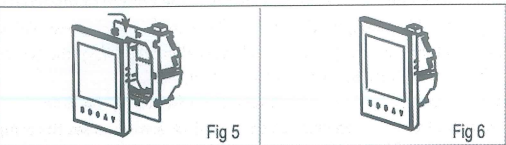


- Step 3. Connect power supply, load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 3).
Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.

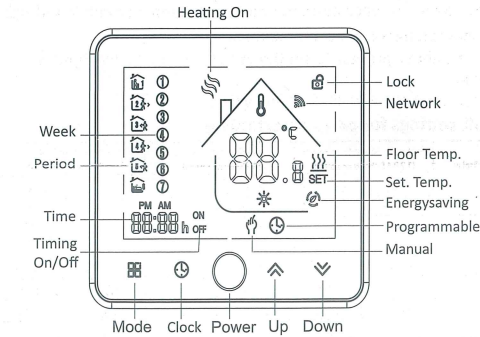


Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.

Step 6. Installation complete. See Fig 6.



HOME SCREEN QUICK REFERENCE



- OPERATION
During Power On
1. Power On/off: Press the power button to turn the thermostat on/off.
2. Manual & Programmable
Touch the mode button to change between manual mode and programme mode.
3. Setting Temperature
In the mode of programmable, set temperature, time could not be adjusted. If the user want to change, please go to manual mode or programmable setting.

- In the mode of manual, press the up/down arrows to set the desired temperature.
4. Adjusting/Setting the Clock
Touch the clock icon to set minute, hour and weekday (1 = Monday, 2 = Tuesday etc.) by using the up/down arrows. Press the confirm button once more to confirm and exit.

- 5. Locking your Thermostat
Press and hold the lock button 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 (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 Wi-Fi connection between your thermostat and smartphone/tablet.

Touch the manual/programme icon to change between manual mode and programme mode. In the manual mode, the manual icon will display in the bottom of the screen. In programmable mode, touch and hold the icon until the weekday schedule settings appear (1 2 3 4 5 will show along the left of the screen). Use the up/down arrows to adjust the on time. Press the icon and use the up/down arrows to set the time (1st period). Press the icon again and use the up/down arrows to set the temp. Press the icon and use the up/down arrows to set the time and temp. (2nd period). Repeat this process for periods 3 4 and 5 6. Press the icon once more to enter the Saturday schedule settings (6 will show along the left 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.

Table with 7 columns: Time display, WEEKDAY (MONDAY – FRIDAY), WEEKEND (SATURDAY), WEEKEND (SUNDAY), and TEMPERATURE. Rows show default settings for 6 periods.

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

7. Checking the Temperature of Floor Sensor
Press and hold the floor sensor icon for 5 seconds to display the temp. of floor sensor.

8. Setting the Functions and Options During Power Off

When power is off, press and hold the mode and clock icons at the same time for 5 sec. in order to reach system function. Then press the scroll icon to scroll through the available functions, and use the up/down arrows to change the available options. All settings are confirmed automatically.

Table with 4 columns: Code, Function, Setting and options, and Default. Rows list various settings like Temperature compensation, Deadzone Temperature, Button locking, Sensor types, Min. Set Temp., Max. Set Temp., Display Mode, Low temperature protection setting, High temperature protection setting, Economy Mode, and Economy Temp.

ABOUT WIFI

WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time,you must configure the Wi-Fi signal and settings through your smartphone or tablet ,This will allow communication between your connected devices.

Step 1 Download your APP (Fig1-1)

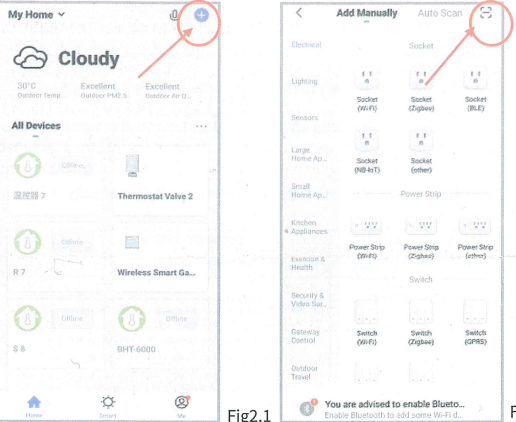


Search for "Smartlife" in Appie Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.

Step 2. Connect the thermostat

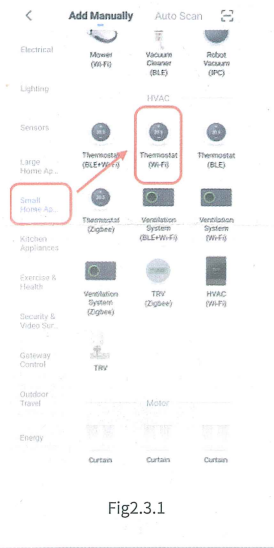
Check the tutorial below to complete the connection and setup.

Method 1: Scan the QR code to configure the network guide (Fig 2.1-Fig 2.3)



Scan this QR code

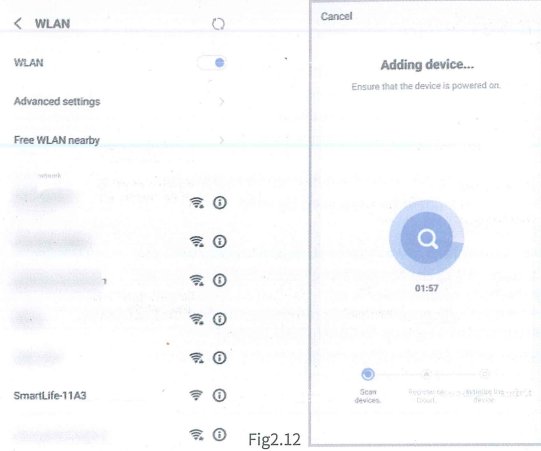
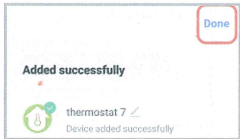
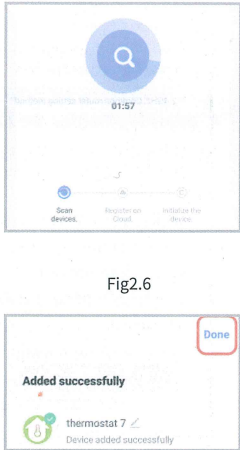
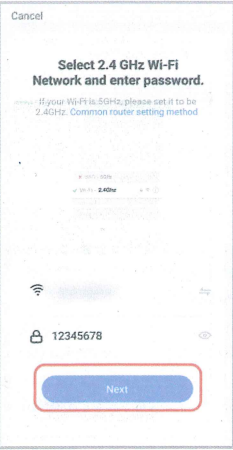
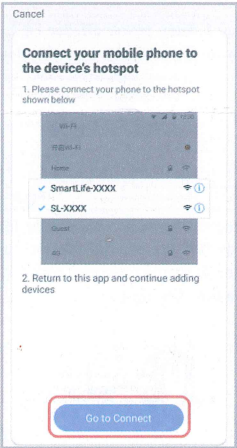
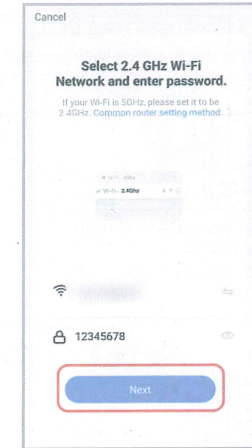
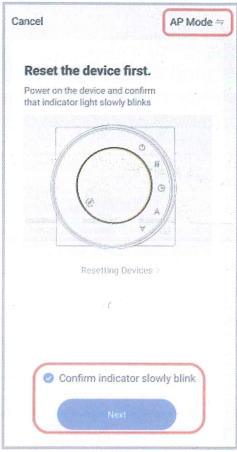
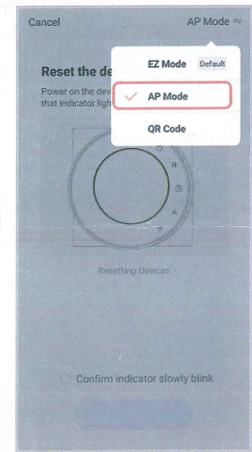
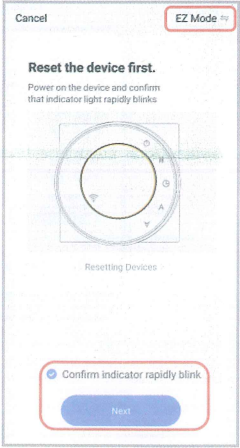
Method 2: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)



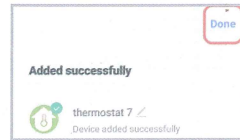
Network distribution mode:

1、EZ Mode

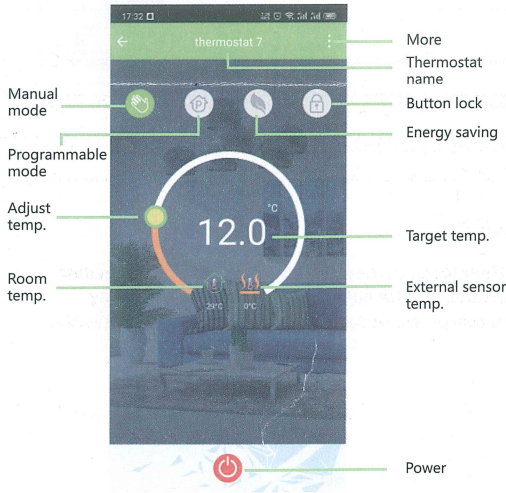
When the thermostat is off, press and hold the "V" until the thermostat screen flashes quickly and displays the "Wi-Fi" icon, and then operate according to the following figure (Fig 2.4-Fig 2.7).



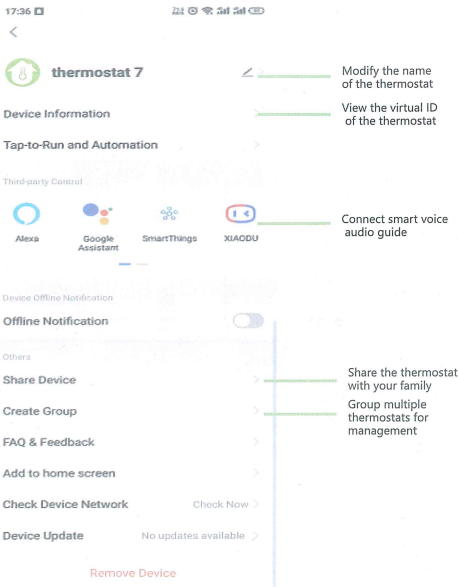
After connecting to this hotspot, return to the "smartlife" APP



APP operation interface description (heating thermostat))



More settings



SIMPLE 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

Your thermostat carries an 24 months warranty from date of purchase. Service outwith the warranty period may incur a charge. More detail please contact with us directly.