



Welcome

Thank you for your purchase.

Your new thermostat will provide uniform and comfortable temperature control throughout every room in your property. We bring together technology, craftsmanship and the highest quality materials to provide you with a safe, reliable product combined with sleek, contemporary design.

Please read this installation/programming manual for comprehensive instructions on installing and operating your thermostat. Please also ensure a suitably qualified person installs your thermostat and complies with all local regulations.

In the box you will find

Thermostat	1pc	Screws	2pc
User Guide	1pc	Floor Sensor (2.5m)	1pc
QC Passed	1pc	(Floor sensor is Optional)	

ABOUT YOUR THERMOSTATS

The BHT-001 series 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.

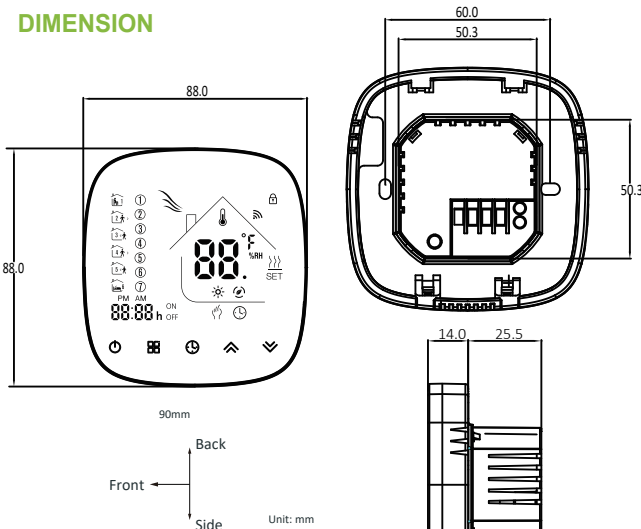
MODEL DEFINITION

GA: Water heating, 5A
GB: Electric floor Heating, 16A
GC: Water/Gas Boiler, 5A
L: Backlight
P: Weekly Programmable
N: Modbus Communication
W: Wifi
S2: Both internal sensor and floor external sensor
For example: BHT-001 GCLW

- FEATURES**
- On Appearance**
1. Negative black screen will bring you to a secret world.
 2. Modern appearance leads to modern life.
 3. Beautiful UI design.
 4. Touch buttons to make simple operation.
 5. 86mm hidden box and european 60mm round box is suitable.
 6. White, black housing creates your colorful life.

- On Functionality**
1. Powerful functions are available such as WIFI etc,
 2. 0.5°C Accuracy keeps temperature within the level you set.
 3. Humidity sensor helps you know the humidity around you.
 4. Data memory when power is off.
 5. 7 days six periods programmable maximize comfort and economy.
 6. Interated with **Amazon Echo ,Google Home.**
 7. All setting languages synchronize your time zone, address and language.
 8. No limit to add rooms and support device sharing with family.

DIMENSION



TECHNICAL DATA

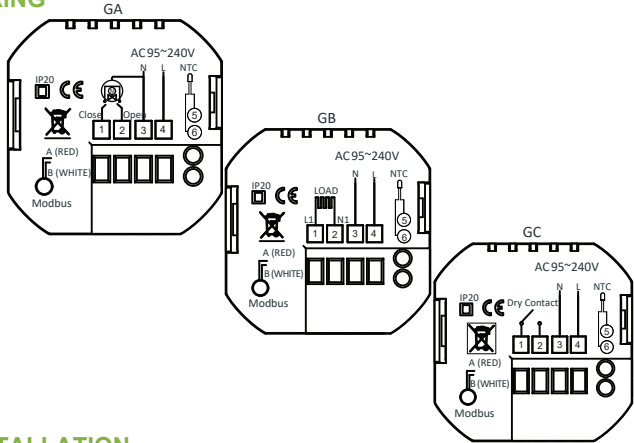
Power Supply: 95 ~ 240 VAC, 50 ~ 60HZ
Current Load : 5A (water heating/water boiler/gas boiler)
16A (electric heating)
Sensor: NTC3950, 10K±1%
Accuracy: ±0.5 °C
Set Temp. Range: 5 -35°C
Dispaly Temp. Range: 5 ~ 99 °C
Ambient Temp.: 0 ~ 45 °C
Storage Temp.: -5 ~ 45 °C
Power Consumption: <1.5W
Timing Error: < 1%
Shell Material: PC +ABS (Fireproof)
Installation Box: 86 * 86mm Square or European 60mm Round Box
Wire Terminals: Wire 2 x 1.5 mm2 or 1 x 2.5 mm2
Protection Class: IP 20
Buttons: Capactive 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.

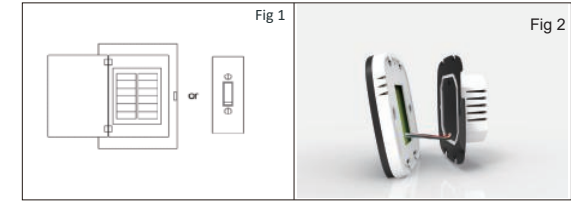
CAUTION

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

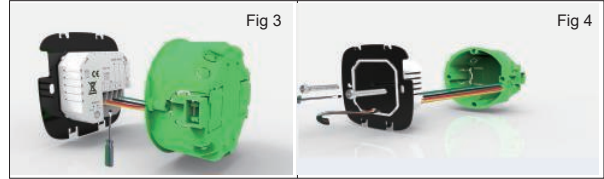
WIRING



- 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 rotating the LCD part. See Fig 2.

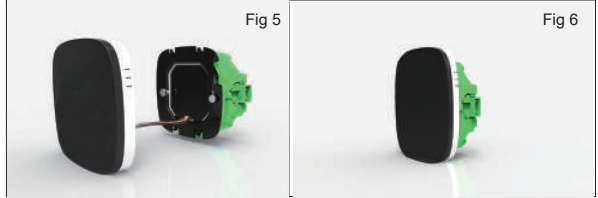


- Step 3. Connect power supply, load into the appropriate terminals. (see “Wiring your thermostat” for details and Fig 3).
- Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.

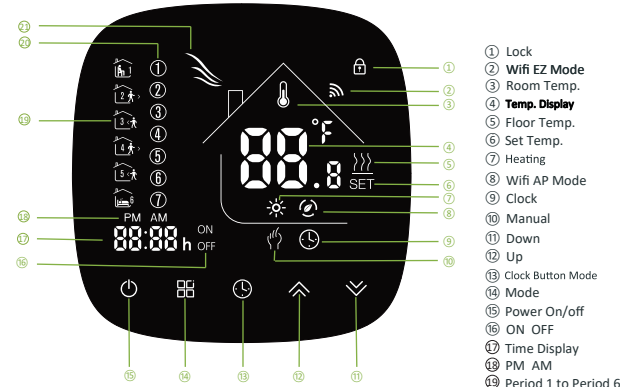


Step 5. Fasten body of thermostat and the mounting plate through rotating. See Fig 5.

Step 6. Installation complete. See Fig 6.



HOME SCREEN QUICK REFERENCE



- OPERATION**
- During Power On**
1. **Power On/off:** Press to turn the thermostat on/off.
 2. **Manual & Programmable**
Touch (mode) to change between manual mode and programme mode. In manual mode, will show in the screen .
In programmable mode, the period icon will show on the right side.

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 mode.
In the mode of manual, press to set the desired temperature.
4. **Adjusting/Setting the Clock**
Touch the icon to set minute, hour and weekday (1 = Monday, 2 = Tuesday etc.) by using the arrows.
5. **Locking your Thermostat**
Press and hold the for 3 seconds to lock/unlock your thermostat

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 to change between manual mode and programme mode. In manual mode, will show in the screen .
In programme mode, touch and hold the icon until the weekday.

schedule settings appear (1 means Monday will show one by one on the right side).

Use the and arrows to adjust the time.

Press the icon and use the and arrows to set the temperature. (1st period).

Repeat this process for periods 2, 3, 4 and 5 6.

Press the icon once more to enter other days’ schedule setting.

Press once more to confirm and exit.

Default settings for program schedule

Mon.	Set Temp.	Tue.	Set Temp.	Wed.	Set Temp.	Thu.	Set Temp.	Fri.	Set Temp.	Sat.	Set Temp.	Sun.	Set Temp.
06:00	20℃	06:00	20℃	06:00	20℃	06:00	20℃	06:00	20℃	06:00	20℃	06:00	20℃
08:00	15℃	08:00	20℃	08:00	20℃	08:00	15℃	08:00	15℃	08:00	15℃	08:00	15℃
11:30	15℃	11:30	20℃	11:30	20℃	11:30	15℃	11:30	15℃	11:30	15℃	11:30	15℃
13:30	15℃	13:30	20℃	13:30	20℃	13:30	15℃	13:30	15℃	13:30	15℃	13:30	15℃
17:00	22℃	17:00	20℃	17:00	20℃	17:00	22℃	17:00	22℃	17:00	22℃	17:00	22℃
22:00	15℃	22:00	15℃	22:00	15℃	22:00	15℃	22:00	15℃	22:00	15℃	22:00	15℃

7. **Checking the Temperature of Floor Sensor**
Press and hold the arrow for 3 seconds to display the temp. of floor sensor.

During Power Off

Setting the Functions and Options

When power is off, press and hold and at the same time for 5 sec. in order to reach system function. Then press to scroll through the available functions, and 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℃ (for internal sensor)	-2
2	Deadzone Temp.	0.5-4℃ (for internal sensor)	1
3	Display Mode	0: display both settemp. and room temp. 1: display settemp. only	00
4	Sensor Types	In: Internal Sensor (to control or limit the temperature) Ou: External Sensor (to control or limit the temperature) Al: Internal and External Sensor (Internal sensor to control temperature, external sensor to limit temperature) Note: Please make sure the right sensor. If choose the wrong or bad one, LCD will display Err.	AL
5	Min. Set Temp.	5-15℃	5
6	Max. Set Temp.	15-45℃	35
7	Frost Protection On/off	0: Off; 1: On	1
8	Frost Protection setting.	0-10℃	5
9	High Temperature Protection Setting.	40-70℃	45
A	Buttons Standby Brightness	3 ~ 99	4
B	Backlight Standby Brightness	3 ~ 99	4
C	Device Status when power on	0: Keep the power off. 1: Keep the status before power off	1
D	Deadzone Temp.	0.5-5℃ (for external sensor)	1
E	Return to factory setting	0:Normal Status 1:Return to factory setting	0

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 connecteddevices

Step 1 Download your APP (Fig1-1)

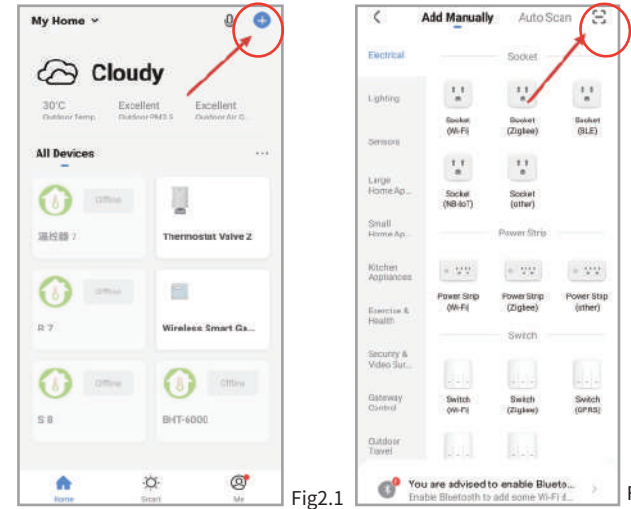


Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.

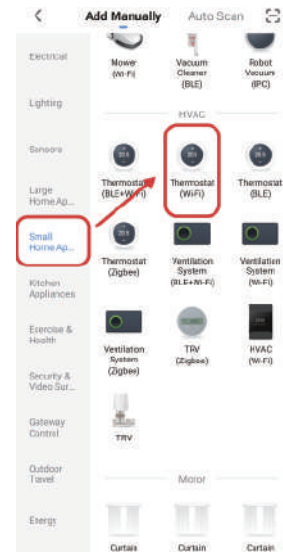
Step 2. Connect the thermostat

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)



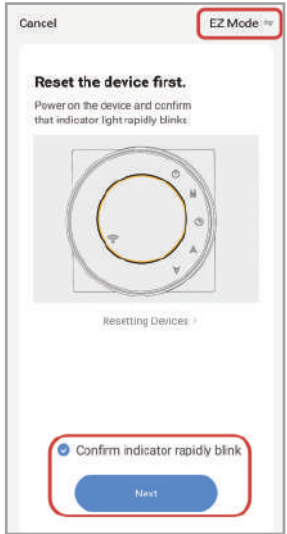
Method 2: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)



Network distribution mode:

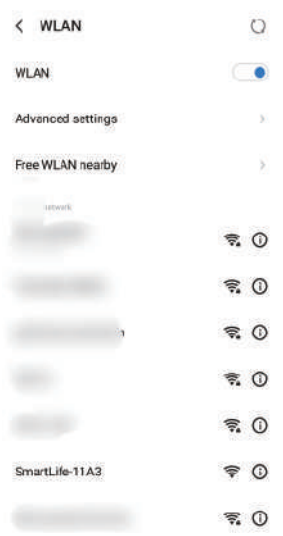
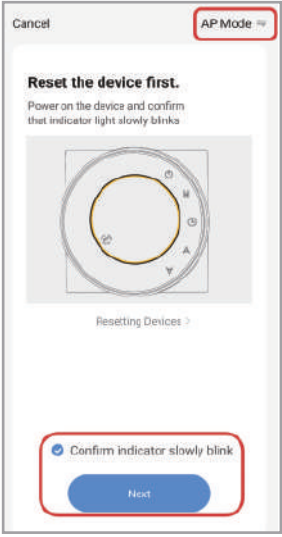
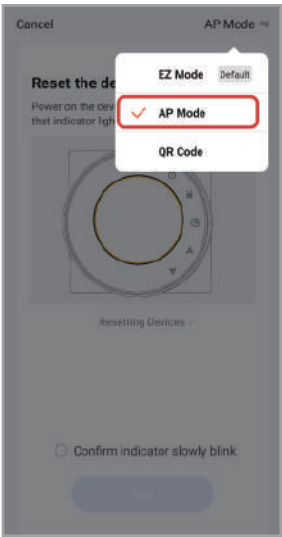
1、EZ Mode

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

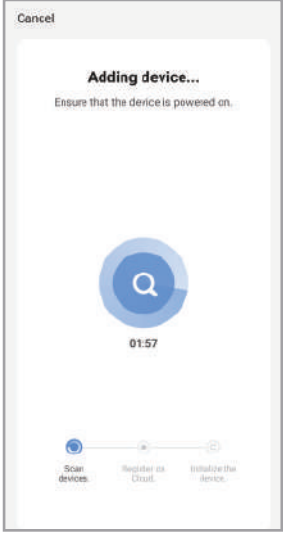
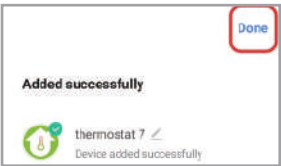


2、AP Mode

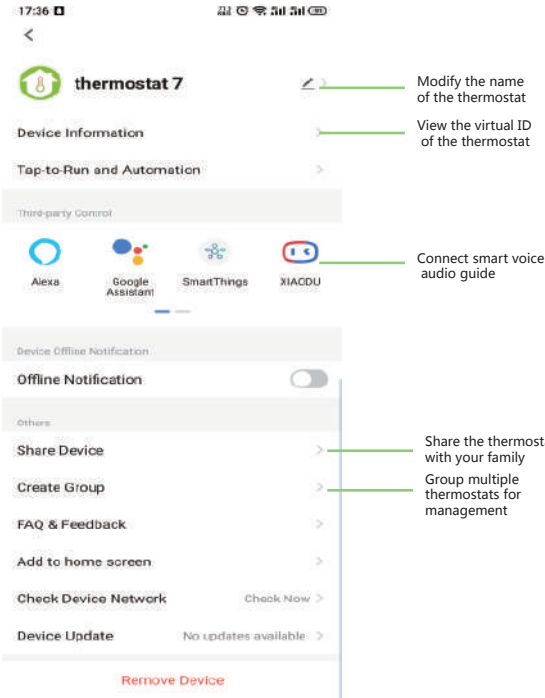
When the thermostat is off, press and hold the " √ " until the thermostat screen flashes slowly and the " " icon is displayed (if the " " icon appears, continue to press the " √ " until the thermostat screen Flashes slowly and displays the “ ” icon), and then operate according to the following figure (Fig 2.8-Fig 2.14).



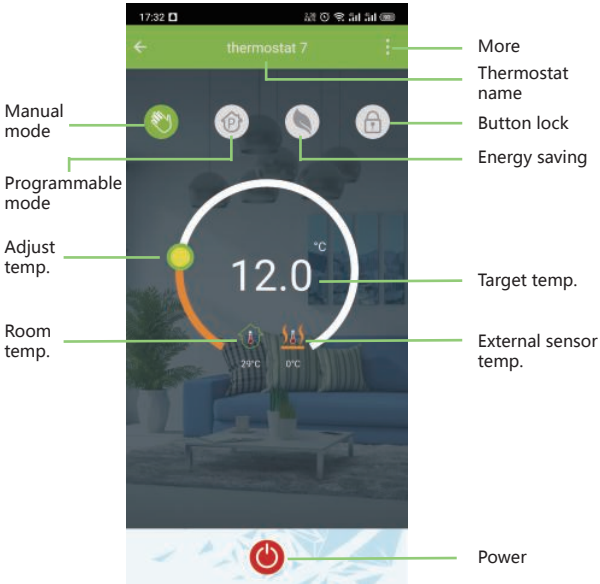
After connecting to this hotspot, return to the "smartlife" APP



More settings



APP operation interface description (heating thermostat))



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.