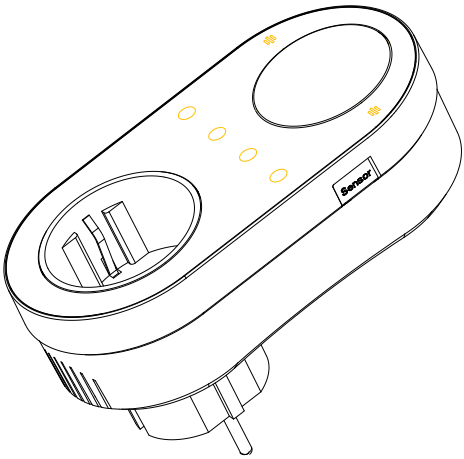


BHT-12 Smart Thermostat User Manual



Thank you for purchasing

Thank you for choosing our thermostat. We are committed to bringing together high-end technology, high-quality production technology, safe and reliable materials to produce high-quality and low-cost products. Please read this manual for comprehensive product information. Also make sure a professional installs the thermostat and follows all your local regulations.

Packing List

Thermostat\*1      User Manual\*1      QC certificate\*1  
External Sensor 2.5m ( optional)\*1

About Your Thermostat

BHT-12 is suitable for electric heating radiator, electric cooling and temperature control system.It can be used in smart homes, shopping malls, and industrial places. Before use, please confirm that this product is compatible with your temperature control equipment.

Appearance Features

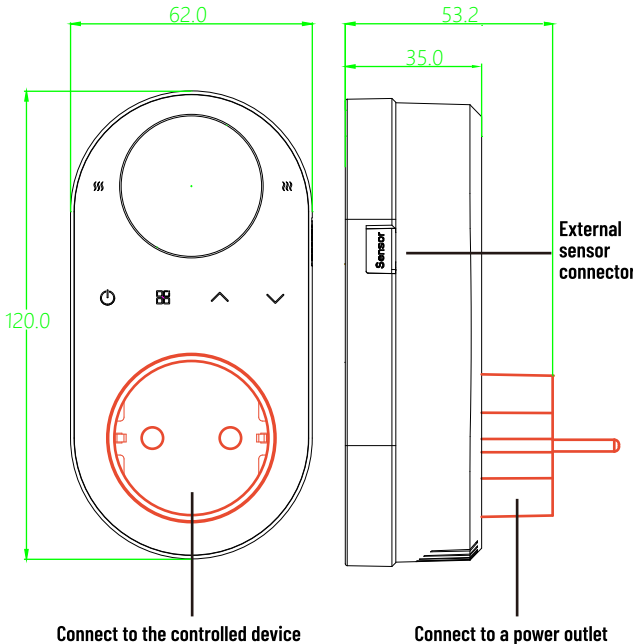
- 1. Small size: small and flexible, can be installed without a large space;
- 2. Classic color matching: pearl white, midnight black, into a variety of decoration styles;
- 3. Warm hand feel: curved body, chamfer transition, no hand cutting;

Function Features

- 1. Touch buttons: no need to worry about the buttons being stuck and not rebounding;
- 2. Dual temperature display: the room and the set temperature are displayed at the same time, easy and clear to read;
- 3. Heat and cool dual mode: heating and cooling, one device, two control modes;
- 4. Internal and external dual sensors; default built-in sensor, optional external sensor;
- 5. Heating indication: two working indicator lights on the left and right, know its working status without coming close;
- 6. Dual temperature systems: support Celsius-°C and Fahrenheit-°F switching;
- 7. Various plugs: optional plugs of various specifications, British standard, European standard, American standard, Australian standard, and national standard are optional;
- 8. Convenient control: The advanced options of the thermostat can be set in the APP, which is more convenient.
- 9. Intelligent voice: connected to Tmall Genie, Alexa, Google Assistant, Xiaodu, Yandex, voice control, which frees hands;
- 10. APP control: The APP supports ios/android system, and the temperature is updated in real time; automatically obtains the temperature and humidity, PM2.5 of the local area, and creates intelligent scenes. It has supported all regions and languages at home and abroad, and the service is more comprehensive.

Dimensions and installation instructions

Dimensions: millimeters (mm)



Precautions Before Installation

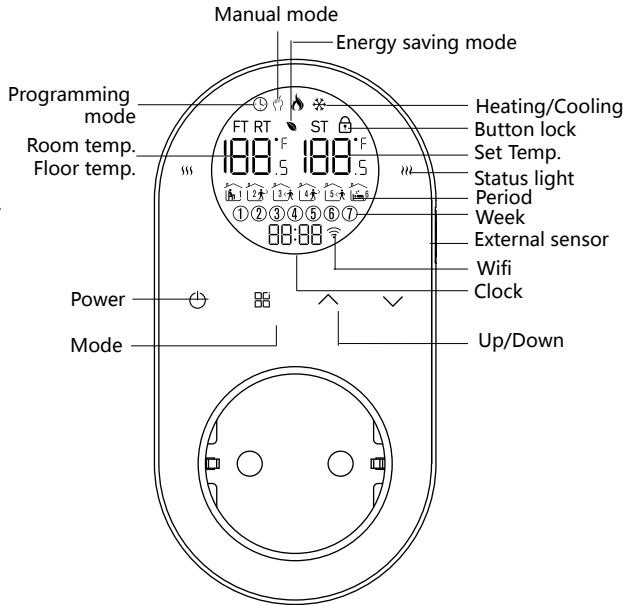
- 1. Before installation, please confirm that the plug type of this product is suitable for your local standard and heating equipment;
- 2. Please contact the after-sales service for equipment failure, please do not try to repair it by yourself;
- 3. After the installation, please refer to this manual to check again to ensure normal safety



Product Parameters

Voltage: 95~220V, 50~60Hz  
Maximum load: 16A  
Temperature sensing element: NTC10K  
Temperature control accuracy: ±0.5°C  
Temperature control range: 5 - 90°C, can be changed in advanced options  
Shell material: PC+ABS (flame retardant)  
Working environment: 0 - 45°C, 5 -95%RH (no condensation)  
Storage temperature: -5 - 55°C  
Protection class: IP20  
Display temperature range: 5~99°C

Product UI



Manipulation Instructions

- 1.Power:** Press to turn the thermostat on/off.
- 2.Cooling / Heating mode:** This thermostat supports cooling or heating mode, which can be selected and switched in the APP, or refer to "**Advanced Options Settings**".
- 3.Manual/Programming/Temporary Manual/Holiday Mode:** Press in the APP or on the control panel of the thermostat to switch between Manual/Programming/Holiday mode. Depending on the mode, the corresponding icon will be displayed at the top of the screen.

**Manual Mode** : In this mode, the thermostat controls the device according to the manually set temperature.

**Programming Mode** : In this mode, the screen displays the current programming cycle the thermostat is in, and the thermostat controls the device according to the weekly programming schedule. Please refer to point 7 for timetable setting.

**Temporary manual mode:** In the programming mode, manually adjust the temperature and enter the temporary manual mode. At this time, the screen display icon "" will flash, and the thermostat will execute the current set temperature at this time, and the temperature will restore during next weekly programming cycle.

**Holiday Mode** : In this mode, the screen will display the icons "" and "", and the thermostat will maintain a fixed temperature until the holiday is over. Lasting days of Holiday Mode can be set in the APP or Or long press "" to enter the clock setting, then press "" 4 times to enter the holiday mode day setting, the test screen "RT" will flash..

**4.Temperature setting:** Press ""/"" to set the target temperature.

**5.Time setting:** The Wifi version will automatically synchronize the time after connecting to the network. Or long press "" to enter the time setting, and press "" to adjust the value, respectively set up for minutes, hours, and days of the week ("" at the top of the screen means Monday, "" means Tuesday, and so on) . After the adjustment is completed, press "" to exit the time setting.

**6.Child lock** : Press and hold "" and "" at the same time for 5 seconds, the thermostat will enter the child lock mode. You can also set full lock and half lock in advanced options, please refer to the description of advanced options below.

**7.5+1+1 programming mode setting:** wifi version can be set in APP. In the non-wifi version, long press "" to enter the clock setting, and then press "" 4 times to enter the programming mode setting. At this time, the screen displays () , the minute of the time flashes, and the cycle is 1 "". Then press "" to select and set the hour, temperature and cycle. Press "" or "" to adjust the corresponding value. After completing the setting, you need to shut down once to store the data in the thermostat.

Default settings for program schedule

| Time display | MON.-FRI.<br>(①②③④⑤ shows on scteen) |       | SAT.<br>(⑥shows on scteen)<br>8:00~11:30 |       | SUN.<br>(⑦shows on scteen) |       |
|--------------|--------------------------------------|-------|------------------------------------------|-------|----------------------------|-------|
|              | TIME                                 | TEMP. | ON TIME                                  | TEMP. | ON TIME                    | TEMP. |
| Period 1     | 6:00~8:00                            | 20    | 6:00~8:00                                | 20    | 6:00~8:00                  | 20    |
| Period 2     | 8:00~11:30                           | 15    | 8:00~11:30                               | 20    | 8:00~11:30                 | 20    |
| Period 3     | 11:30~13:00                          | 15    | 11:30~13:00                              | 20    | 11:30~13:00                | 20    |
| Period 4     | 13:30~17:00                          | 15    | 13:30~17:00                              | 20    | 13:30~17:00                | 20    |
| Period 5     | 17:00~22:00                          | 22    | 17:00~22:00                              | 20    | 17:00~22:00                | 20    |
| Period 6     | 22:00~6:00                           | 15    | 22:00~6:00                               | 15    | 22:00~6:00                 | 15    |

**8.External sensor data query:** long press "" for 5 seconds, the screen will display the temperature of the sensor data. If no external sensor is connected, "err" will be displayed

Advanced Options Settings

In the power-off state, long press "" for 5 seconds to enter the advanced options settings. Press "" to select a function, and press "" or "" to adjust the corresponding code. All advanced options settings will take effect automatically after restarting the thermostat.

| Code | Function                      | Setting and options                                                                                                                                                                                | Default |
|------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1    | Temperature compensation      | -9 to 9 °C                                                                                                                                                                                         | -3      |
| 2    | Deadzone Temp.                | 1-5°C                                                                                                                                                                                              | 1       |
| 3    | Button Locking                | 01:All buttons are locked except power button.<br>01:All buttons are locked.                                                                                                                       | 1       |
| 4    | Sensor typer                  | In: Internal Sensor(to control the temp.)<br>Ou: External Sensor (to control the temp.)<br>AL: Internal&External Sensor (Internal sensor to control the temp., external sensor to limit the temp.) | AL      |
| 5    | Min.Set Temp.                 | 5-15°C                                                                                                                                                                                             | 5       |
| 6    | Max.Set Temp.                 | 15-45°C                                                                                                                                                                                            | 35      |
| 7    | Low temp. protection setting. | 0-10°C                                                                                                                                                                                             | 0       |
| 8    | High temp. protection         | 25-70°C                                                                                                                                                                                            | 50      |
| 9    | Energy saving Mode            | 00:OFF 01:ON                                                                                                                                                                                       | 0       |
| 10   | Cool Energy saving Temp.      | 10-50°C                                                                                                                                                                                            | 20      |
| 11   | Heat Energy saving Temp.      | 10-50°C                                                                                                                                                                                            | 26      |
| 12   | Cool/Heat                     | 0 : Cool Mode<br>1 : Heat Mode                                                                                                                                                                     | 1       |
| 13   | °C/°F                         | 0: Degree Celsius °C<br>1: Fahrenheit °F                                                                                                                                                           | 0       |
| 14   | Reset                         | 00: No factory reset; 01: Factory reset                                                                                                                                                            | 0       |
| 15   | Version number                |                                                                                                                                                                                                    | U1      |

ABOUT WIFI

WI-FI CONNECTION

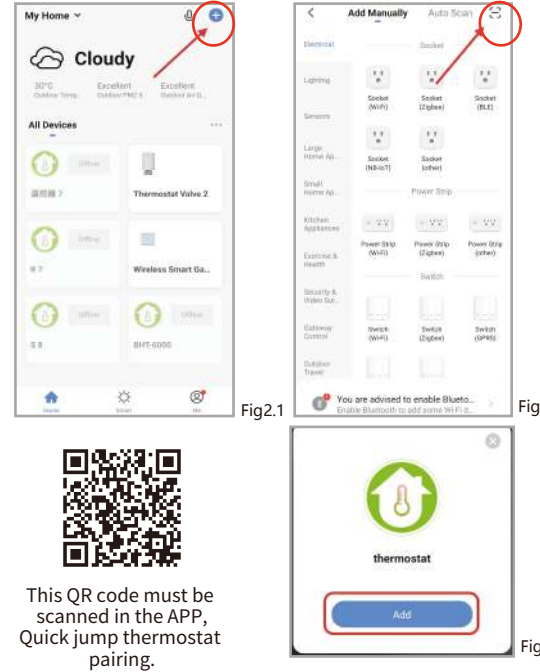
Before using your Wi-Fi thermostat for the first time,you must configure the Wi-Fi signal and settings through your smartphone or tablet ,This will allow communication between your connected devices

Step 1 Download your APP ( Fig1-1 )

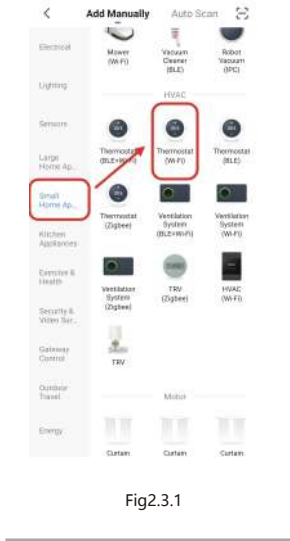


Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP.

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)

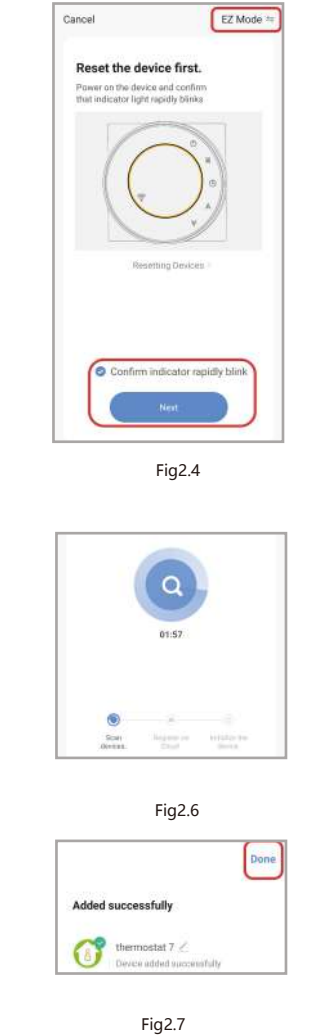


Method 2: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)

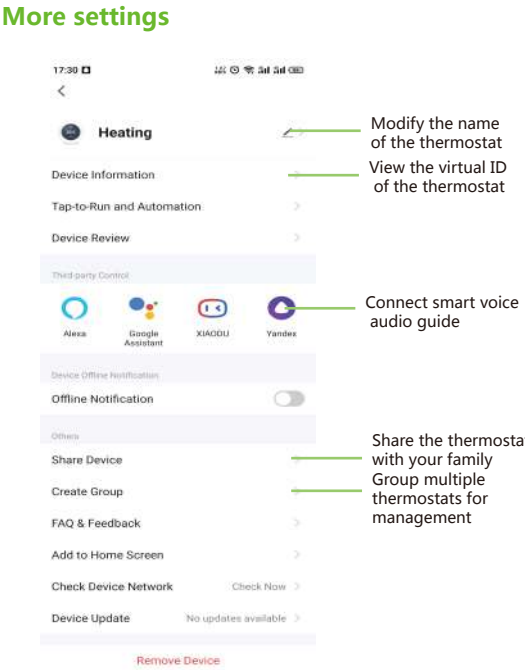
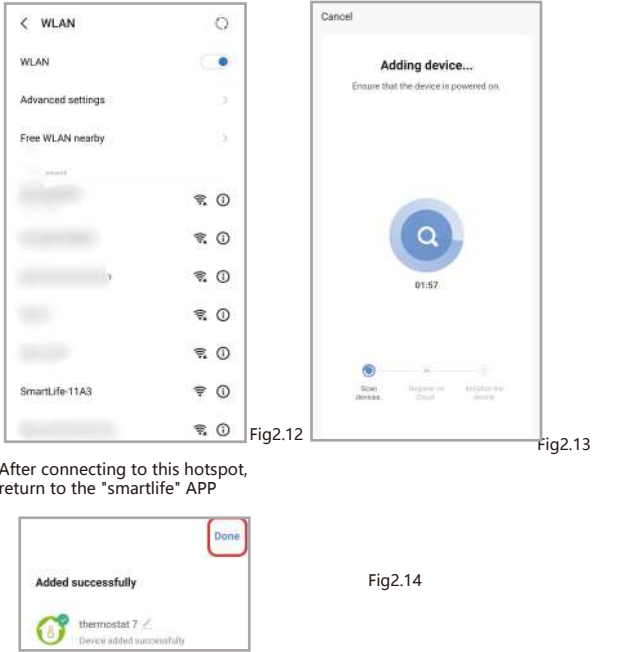
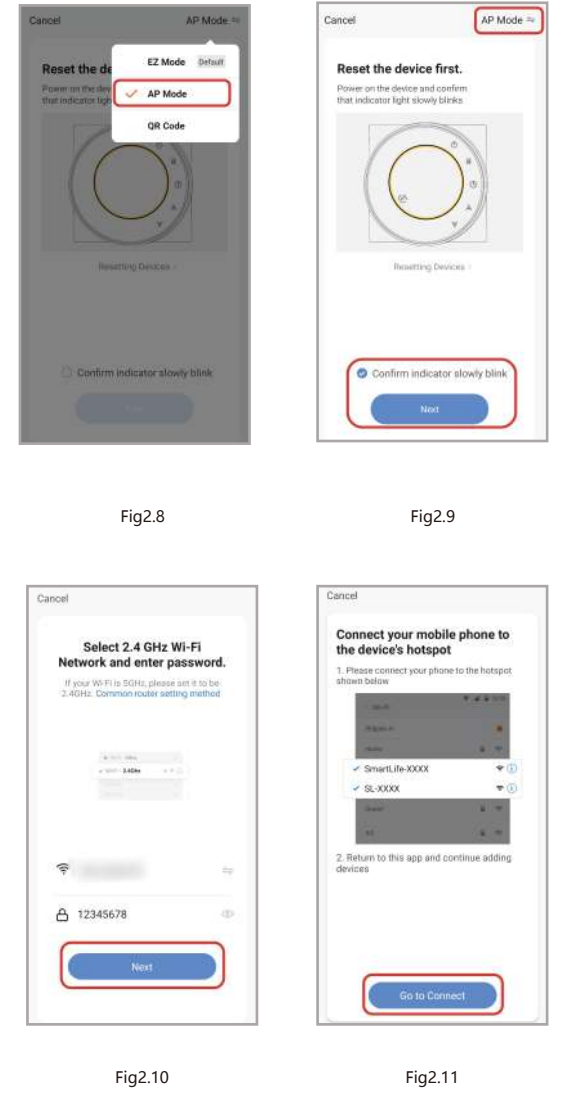


Network distribution mode:

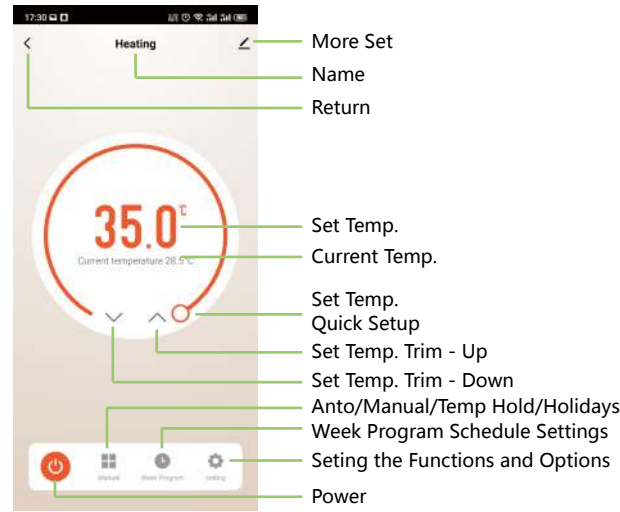
1、EZ Mode  
When the thermostat is off, press and hold the " ∨ "until the thermostat screen flashes quickly and displays the " 📶 " icon, and then operate according to the following figure (Fig 2.4-Fig 2.7).



2、AP Mode  
With the thermostat off, press and hold ∨ until the thermostat 📶 icon flashes slowly.(If the 📶 icon flashes quickly, continue to press and hold ∨ until 📶 flashes slowly), then follow the diagrams below (Picture 2.8-Picture 2.14).



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