

BHT-6000 Series Round Thermostat
User Guide



For Water/Boiler Heating
WIFI TYPE

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

Table with 4 columns: Item, Quantity, Description, Quantity. Rows include Thermostat (1pc), Screws (2pc), User Guide (1pc), and QC Passed (1pc).

ABOUT YOUR THERMOSTATS

The BHT-6000 range has been developed to control gas boiler systems. These units are designed for use in commercial, industrial, civil and domestic properties.

FEATURES

On Appearance

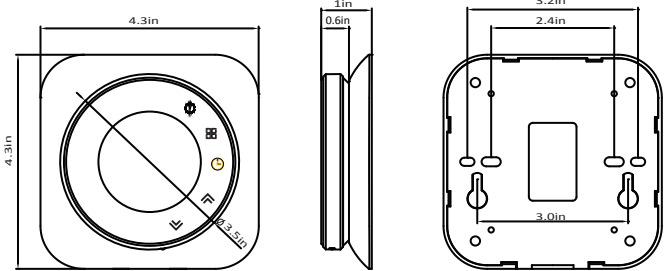
- 1. Negative black screen will bring you to a secret world.
- 2. 51mm round display area helps to protect your eyes.
- 3. Glass or Acrylic Lens is for your selection.
- 4. Touch buttons to make simple operation.
- 5. Amazing Silver Frame opens your modern life.
- 6. The visible thickness above the wall is only 11mm.
- 7. Rotation to connect gives you easy installation.
- 8. 86mm hidden box and European 60mm round box is suitable.
- 9. White, black or gold housing creates your colorful life.

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. No limit to add rooms and support Smart Scene.

DIMENSION



TECHNICAL DATA

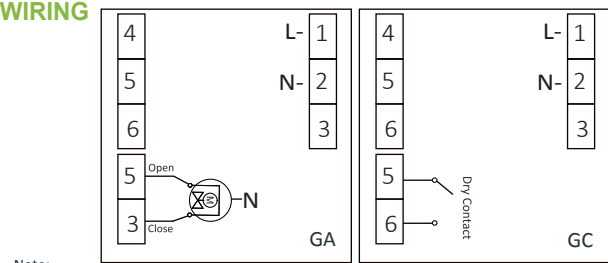
Power Supply: 95 ~ 240 VAC, 50 ~ 60HZ
Current Load: 3A
Sensor: NTC3950, 10K
Accuracy: ±0.5 °C
Set Temp. Range: 5 ~35°C
Display Temp. Range: 5 ~ 99 °C
Ambient Temp.: 0 ~ 45 °C
Ambient Humidity: 5 ~ 95 % RH (Non Condensing)
Storage Temp.: -5 ~ 45 °C
Power Consumption: <1.5W
Timing Error: < 1%
Shell Material: PC +ABS (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: Capacitive Touch Buttons
Available Installation 1: Wall mounted
Available Installation 2: Hole Distance of 62±5mm (Europe, China and Japan)
Available Installation 3: Hole Distance of 86±3mm (USA and Italy etc.,)

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.



Note:
GA is for water heating; GC is for water/gas boiler;
Notice: Terminal 3 and 6 will be used for customization function.

INSTALLATION

1. For wall mounted.

Step 1. Keep the electricity off. See Fig 1.

Step 2. Remove the mounting plate by rotating the LCD part. See Fig 2.

Step 3. Open the insulating cover. See Fig 3.



Step 4. Connect power supply and load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 4).

Step 5. Close the insulating cover and fasten body of thermostat and the mounting plate by rotating. See Fig 5.

Step 6. Measure the position you want to place and lock the two screws in the box into the wall. Fix the head of screws into the slot of the back of thermostat. See Fig 6.



2. For the distance 62±5mm (Europe, China and Japan.)

Step 1. Keep the electricity off. See Fig 7.

Step 2. Remove the mounting plate by rotating the LCD part. See Fig 8.

Step 3. Open the insulating cover. See Fig 9.



Step 4. Connect power supply and load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 10).

Step 5. Close the insulating cover and fix the mounting plate (the two holes inside) to the wall with screws in the box. See Fig 11.

Step 6. Fasten body of thermostat and the mounting plate by rotating. See Fig 12.



3. For the distance 86±3mm (USA and Italy etc.,)

Step 1. Keep the electricity off. See Fig 13.

Step 2. Remove the mounting plate by rotating the LCD part. See Fig 14.

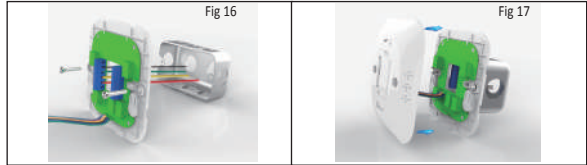
Step 3. Open the mounting plate by a slot screwdriver. See Fig 15.



Step 4. Connect power supply and load into the appropriate terminals.

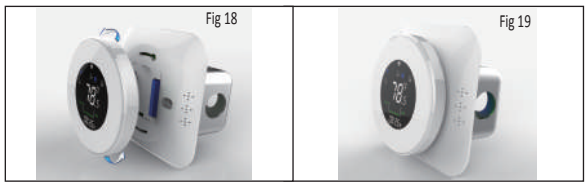
(see "Wiring your thermostat" for details and Fig 16).

Step 5. Fix the mounting plate (the two holes outside) into the wall with screws in the box. See Fig 17.

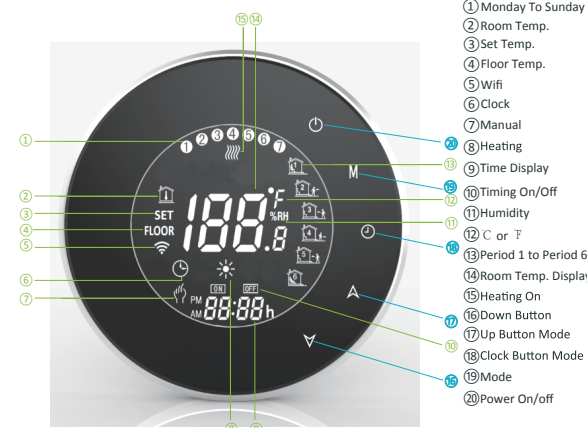


Step 6. Connect the front plate and mounting plate. See Fig 18.

Step 7. Fasten body of thermostat and the whole mounting plate by rotating. See Fig 19.



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. In manual mode, the power icon will show in the bottom left of the screen. In programmable mode, the period icon will show in the right side.

3. Setting Temperature

In the mode of programmable, set temperature, time could not be adjusted. If the user wants to change, please go to manual mode or programmable mode. In the mode of manual, press the up/down arrows 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 up/down arrows. Press the confirm icon once more to confirm and exit.

5. Locking your Thermostat

Press and hold the up/down arrows 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 mode button to change between manual mode and programme

mode. In manual mode, the power icon will show in the bottom left of the screen.

In programme mode, touch and hold the icon until the weekday schedule settings appear (1 2 3 4 5 will show along the top 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 off time

(2nd period).

Press the icon and use the up/down arrows to set the temp.

Repeat this process for periods 3 and 5.

Press the icon once more to enter the Saturday schedule settings (6 will show along the top of the screen).

Repeat the above process to set the period and temp. and Sunday schedule.

Press the confirm icon once more to confirm and exit.

Default settings for program schedule

Table with 7 columns: 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), and sub-columns for TIME and TEMPERATURE for each day type.

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

During Power Off

Setting the Functions and Options

When power is off, press and hold the mode button and the power icon at the same time for 5 sec. in order to reach system function. Then press M 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 include 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, Economy Temp., and Standby Brightness.

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.

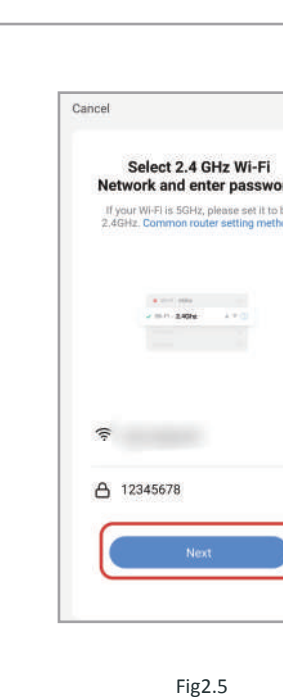
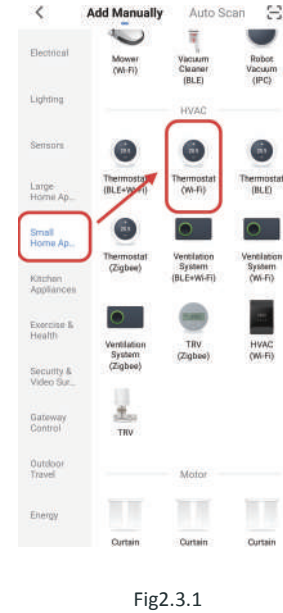
Step 2. Connect the thermostat

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)



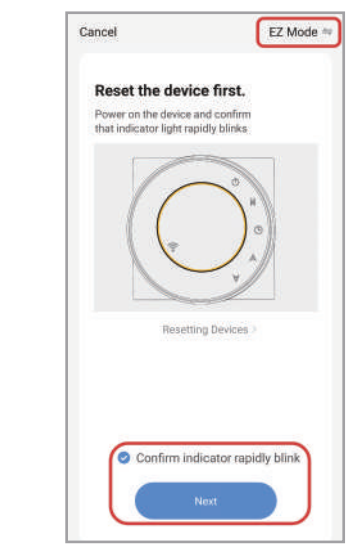
Method 2: Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)



Network distribution mode:

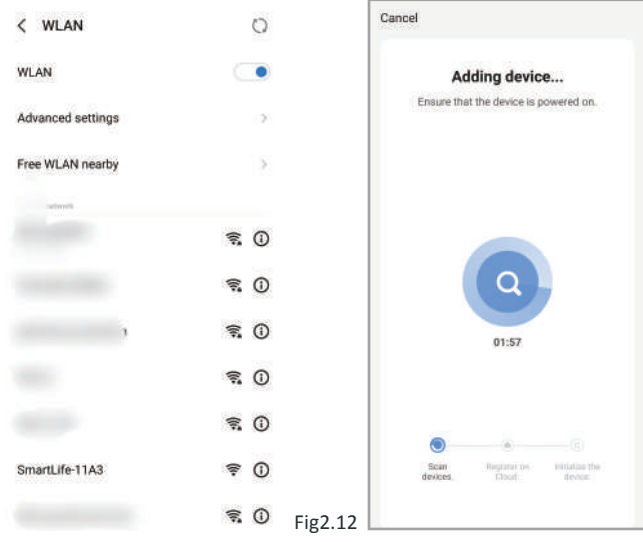
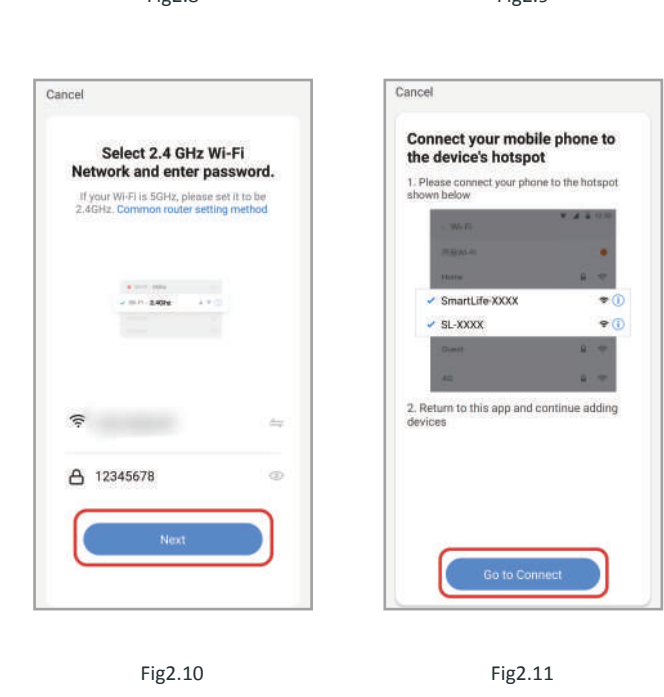
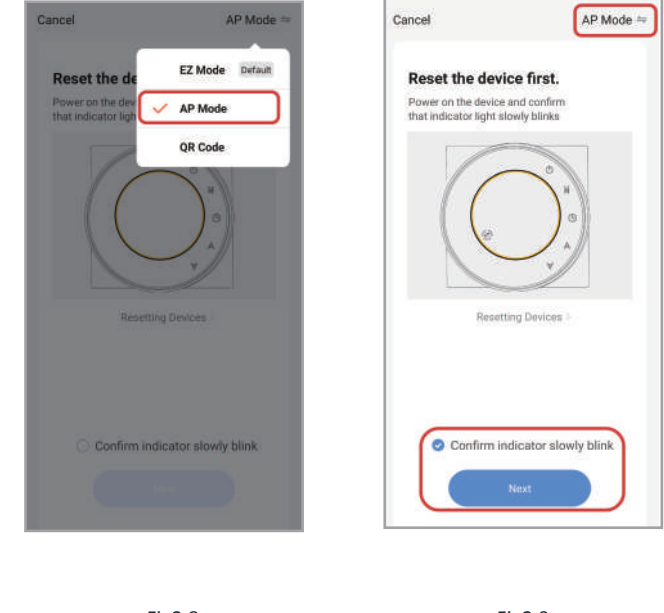
1、EZ Mode

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).

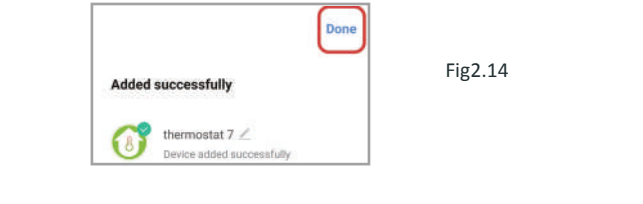


2、AP Mode

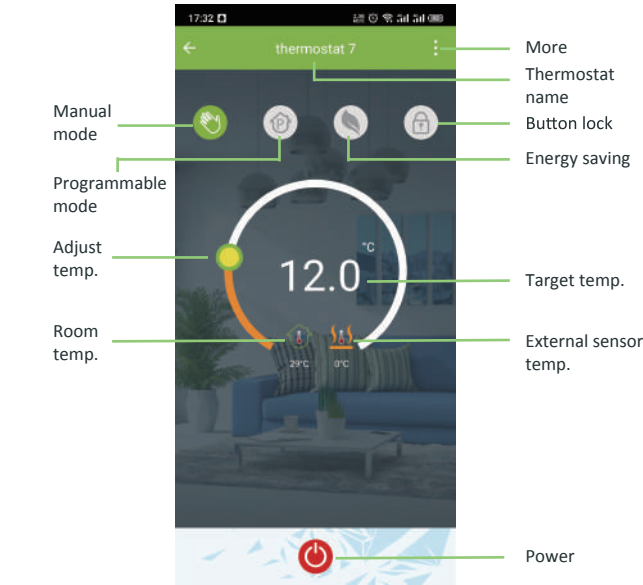
When the thermostat is off, press and hold the "▼" until the thermostat screen flashes slowly and the "📶" icon is displayed (if the "📶" icon appears, continue to press the "▼" until the thermostat screen Flashes slowly and displays the "📶" icon), and then operate according to the following figure (Fig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



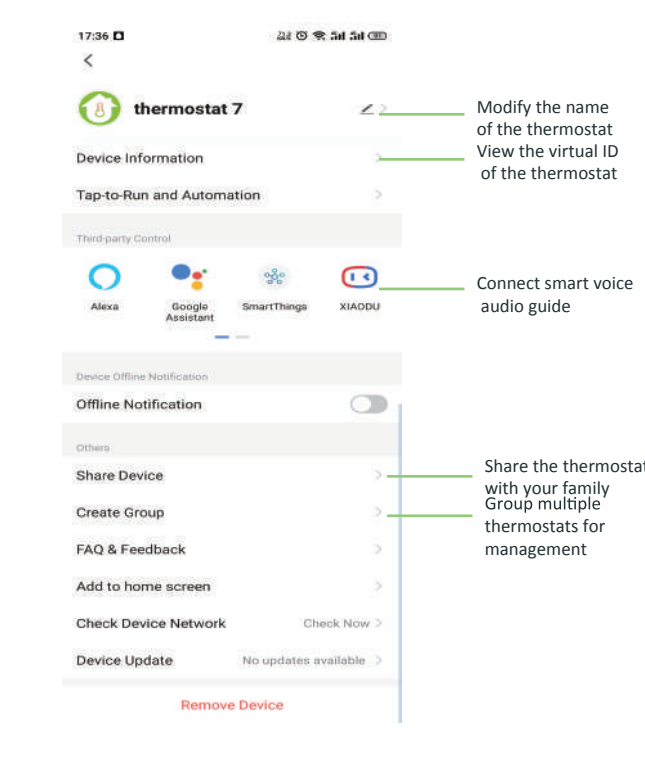
After connecting to this hotspot, return to the "smartlife" APP



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.	* Usea new LC panel or new Power Unit Box to replace the old one.
3	Room Temp. Is a lttle 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.