BHT-2002 Heating Thermostat

Modelo WiFi

Para calentadores electricos y calderas

Thank you for purchasing our products, please read the following terms before installation and use:

Please confirm that this product is suitable for your heating equipment before installation.
*Before installation or maintenance, please make sure to keep the power off;
*Please strictly follow the wiring diagram for wiring installation;
*Installation to the wall, please confirm that the fasteners are suitable for this product;
*Do not pull the cable too hard, otherwise the product will be damaged;
*If a hard plastic wire is used in the installation process, it must be bent to an appropriate angle in advance;
*Please arrange for professionals to install;
*Please contact the after-sales service for equipment failure, please do not try to repair it yourself;
* After installation, please refer to this manual to check again to ensure normal and safe use, and keep this manual properly.

SOBRE EL TERMOSTATO

The BHT-2002 range has been developed to control electric underfloor ,water heating or water/gas boiler system. These units are designed for use in commercial, industrial, civil and domestic properties.

In the box you will find
Thermostat   1pc   Screws   2pc   User Guide   1pc
QC Passed   1pc   Floor Sensor   1pc(Floor Sensor is Optional)

DATOS TÉCNICOS
Power Supply:95 ~240 VAC, 50~60Hz
Current Load: 5A (Water heating, water/Gas boiler),
16A (Electric heating)
Sensor: NTC3950, 10K
Accuracy: ±0.5℃
Set Temp. Range: 5-35℃
Room Temp. Range: 5-99℃
Display Temp. Range: 5 ~ 99℃
Ambient Temp.: 0~ 45℃
Ambient Humidity: 5 ~ 95 % RH (Non Condensing)
Storage Temp.:-5~ 45℃
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: IP20
Buttons: Capacitive Touch Buttons

ESPECIFICACIONES
GA: Water heating, 5A
GB: Electric floor Heating,16A
GC: Water/Gas Boiler, 3A
L: Backlight
W: Wifi
For example: BHT-2002 GCLW

FUNCIONES

En apariencia
1. Excellent UI design, both beautiful and practical.
2. H9 tempered glass screen, scratch-resistant and easy to clean;
3. Compatible with standard 86mm square cassettes and 60mm European cassettes to meet all installation environments;

En funcionalidad
1. Strict temperature control accuracy (± 0.5℃) to provide the warmth you want;
2. Power off protection, save all your settings safely;
3. Provide weather information and humidity display
4. Preset adjustment of 5+1+1 mode in a week, programmable setting of 6 time periods a day, green energy saving,
Less cost, more intelligent and environmental protection;
5. Support the creation of product local groups/shares to achieve unlimited centralized control of the number of products/multi-terminal control;
6. Perfect access: **Tmall Genie, Amazon echo, Google Home,** full experience new voice control method;

TAMAÑO (mm)
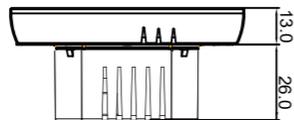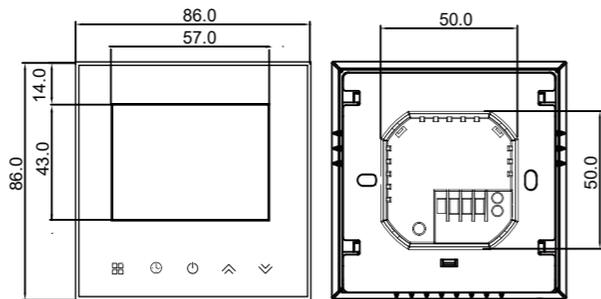
PRECAUCIONES ANTES DE HACER LA INSTALACION
1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the rathings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.

CABLEADOS
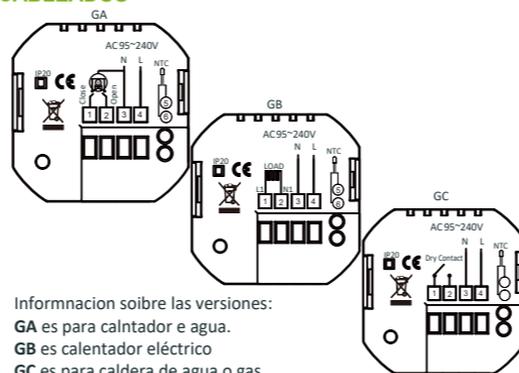
Informnacion soibre las versiones:
GA es para calntador e agua.
GB es calentador eléctrico
GC es para caldera de agua o gas
NTC y Modbus es opcional

> ⚠ **Para evitar un cortociruito una descarga eléctrica realiza todas las conexiones con la electricidad cortada**
> **ATENCION**

INSTALACION
Your thermostat is suitable for istallation 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 pushing the panel assembly. See Fig 2.
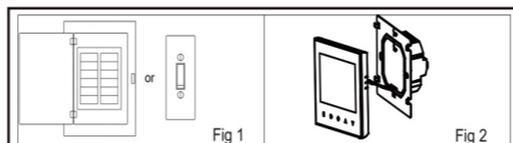
Step 3. Connect power supply, load into the appropriate terminals. (see "Wiring your thermostat" for details and Fig 3).
Step 4. Fix the mounting plate into the wall with screws in the box. See Fig 4.

Fig 3   Fig 4
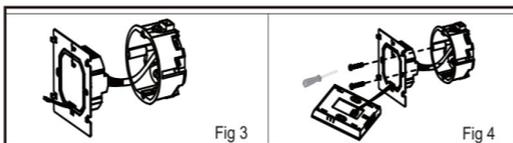
Step 5. Fix the thermostat body and the mounting plate by the lower button. See Fig 5.
Step 6. Installation complete. See Fig 6.

Fig 5   Fig 6

ICONOS PANTALLA

ECO
Room temp.
Establece temperatura

Heating on
Time
Button lock
Wifi is connected
Programming mode
Previous period

Mode Time Power Up Down

Interface normal

Hora
Outdoor humidity

Room temp.
Weather
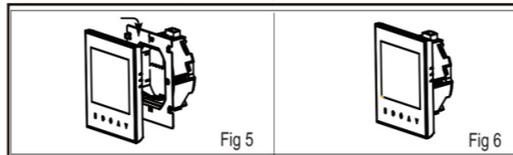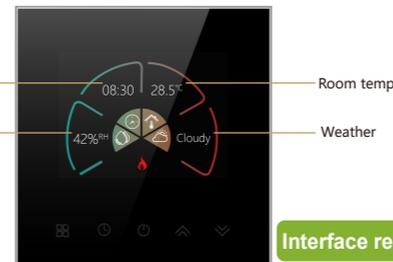
Interface reposo

Note: The weather and humidity will be synchronized within 1 hour after the device is connected to the Internet for the first time, and the weather will be synchronized every hour thereafter.
Press the ⌄⌄ in the power-on state to display the humidity and set temperature

MANEJO

Durante encendido

1. Power On/off: Press ⏻ to turn the thermostat on/off.

2. Function & Programmable
Touch▦ to change between manual mode and programmemode.
In manual mode, ✋ will show on the display,
In programmable mode, ⏱ and ⬆ will show on the display.

3. Setting Temperature
In the programming mode, the temperature setting and time setting will be locked. If the user wants to adjust, he must first adjust the thermostat to manual mode by pressing the ▦ key.
In the mode of manual, press ⌃⌄ to set the desired temperature.

4. Adjusting/Setting the Clock
Press ⏱ to set minute, hour and weekday. By using the ⌃⌄
Press ⏱ once more to confirm and exit.

5. Locking your Thermostat
Press and hold the ⌃⌄ for 8 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 Programmable Schedules
Press icon ⏱ four times in a row. You can see "1-5"and"06:00", and the minutes of time are flashing.
Use ⌃⌄ to set the minutes;
Press the icon ⏱ again, the hour of the time will flash, set the hour by⌃⌄.

Press the icon ⏱ again, the temperature setting will flash, set the temperature by ⌃⌄;
This completes the setting of periods1 ① ."
In the same way, complete the settings of periods2, 3, 4,5and 6.
Press the icon ⏱ once more to enter the Saturday schedule settings (you will see the SAT 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.

Programacion por defectgo

Time display	MON.-FRI. (①②③④⑤ shows on scteen)		SAT. (⑥shows on scteen)		SUN. (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

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

7. Comprobante temperatura del sueloi Floor Sensor
Press and hold the ⌄ arrow for 8 seconds to display the temp. of floor sensor.If there is no external external sensor, "err" will be displayed.

8.Setting the Functions and Options
During Power Off, press and hold ▦ and ⏱ for 8 sec. in the order to reach system function. Then press ▦ to scroll through the available functions , and use the ⌃⌄ arrows to change the available options. All settings are confirmed automatically.

Cód.	Función	Configuración y opciones	Defecto
1	Temperature compensation	-9 to 9 ℃	-3
2	Deadzone Temp.	1-5℃	01
3	Button Locking	01:All buttons are locked except power button. 01:All buttons are locked.	01
4	Sensor typer	In:Internal Sensor(to control the temp.) Ex:External Sensor(to control the temp.) Ou:Only external sensor AL:Internal/External Sensor (Internal sensor to control the temp., external sensor to limit the temp.)	AL
5	Min.Set Temp.	5-15℃	5
6	Max.Set Temp.	15-45℃	35
7	High temperature protection setting.	25-70℃	45
8	Low temperature protection setting.	0-10℃	0
9	Energy saving Mode	00:Non-energy saving Mode 01:Energy saving Mode	00
10	Energy saving Temp.	0-30℃	20
11	Standby Brightness	3-99	5
12	Version number		U1

SOBRE LA SEÑAL WIFI

CONEXION WIFI

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 Downlosd your APP （Fig1-1）

Fig 1-1   Fig 1-2 IOS   Fig 1-3 Android

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)
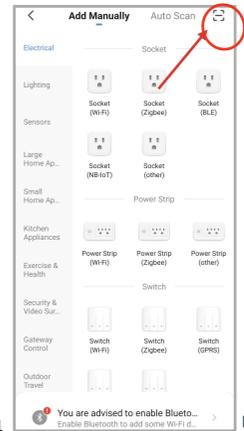
Fig2.1   Fig2.2

Scan this QR code

Fig2.3

Conexión de red

Method 2: Ordinary distribution network guidance
(Fig. 2. 1&Fig. 2.3.1)
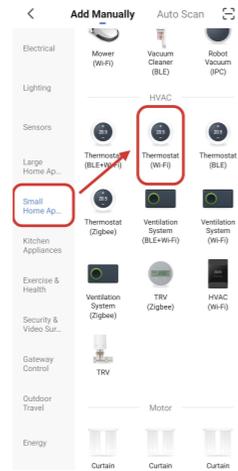
Fig2.3.1
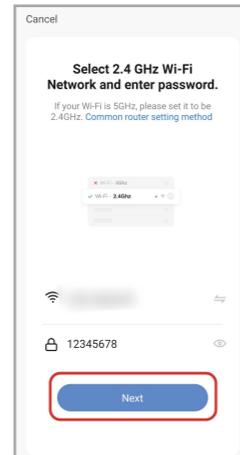
1、EZ Mode

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).

Fig2.4

Fig2.5
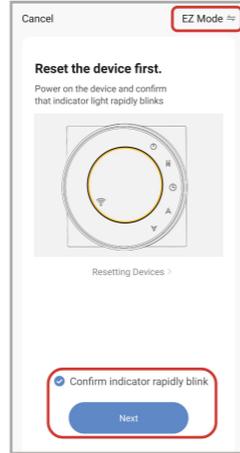
Fig2.6
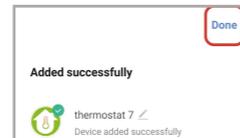
Fig2.7

2、Modo AP

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).

Fig2.8   Fig2.9
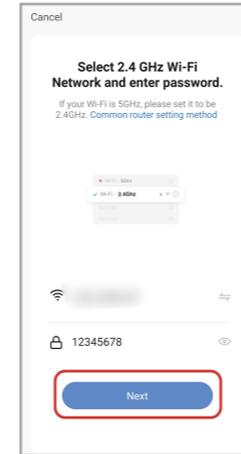
Fig2.10   Fig2.11
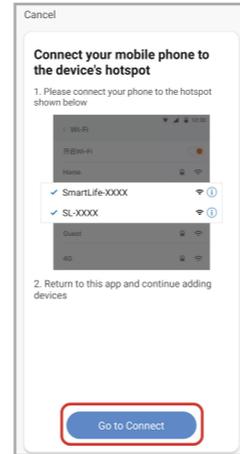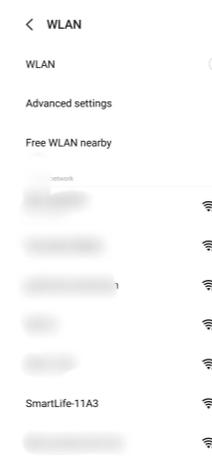
Fig2.12   Fig2.13

After connecting to this hotspot, return to the "smartlife" APP
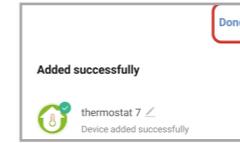
Fig2.14
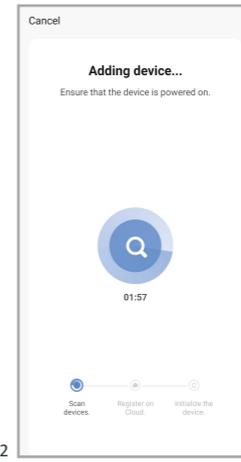
Control desde la APP (función calefactor)

More
Thermostat name
Button lock
Energy saving

Manual mode
Programmable mode
Adjust temp.
Room temp.

Target temp.
External sensor temp.
Power

Más configuraciones

Modify the name of the thermostat
View the virtual ID of the thermostat

Connect smart voice audio guide

Share the thermostat with your family Group multiple thermostats for management
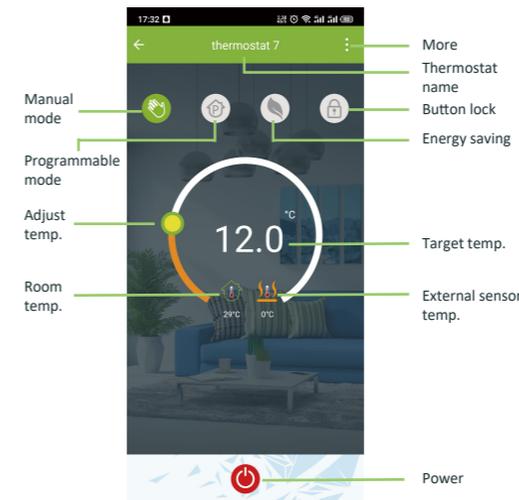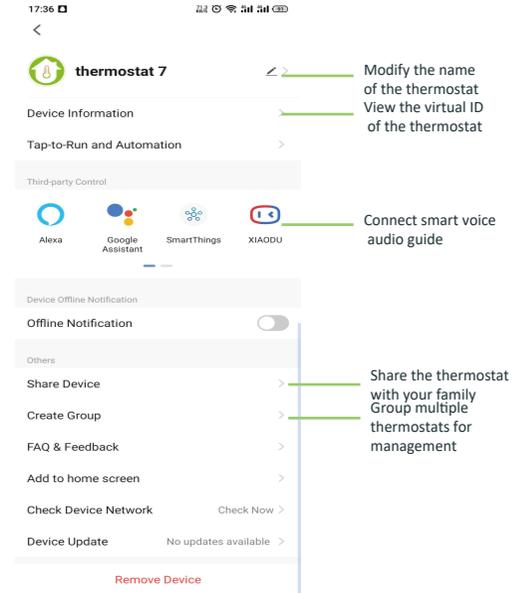
PROBLEMAS Y SOLUCONES FRECUENTES

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

ATENCION AL CLIENTE

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