



BOT SERIES BOILER THERMOSTAT



Scansione il QR code per scaricare le istruzioni in italiano. Scannez le code QR pour obtenir le manuel en français. Escanea el código QR para obtener el manual en español.

I. Product Summary:

BOT series boiler thermostats are with LCD digital display big screen, and it is developed according to market's requirements. This series thermostats are easy to operate, and with complete functions. It can be used to control boilers, motorized ball valves, motorized valves, electric valves, solenoid valves, etc.

Series boiler thermostats includes wired and wireless two kinds of thermostats.

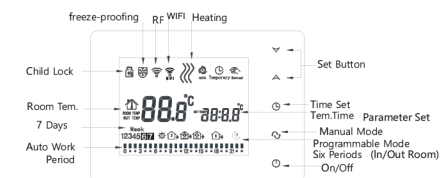
II. Technical Parameter:

Working Voltage	USB Tapy-C: 5V Output power can be made AC220V/110V
Current Load	3A
Temperature Control Accuracy	±1°C (0.5-4.5°C adjustable)
Setting Temperature Range	0-35°C
Limiting Temperature Range	5-35°C
Consumption	<0.3W
Temperature Sensor	NTC

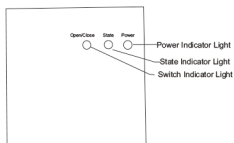
III. Main Button Instruction

- ⏻ : ON/OFF Switch;
- 🔌 : Mode Button. Switch between Manual Mode, Auto Period Control Mode, Temporary Manual Mode. Long press to enter period setting.
- 🕒 : Time Set. Hour, minute and week setting;
- ⬆️ : Up Button. To increase temperature. When press it with ⏻ and 🔌 it can set programmable function;
- ⬇️ : Down Button. To reduce temperature. When press it with ⏻ and 🔌 it can set programmable function;
- 🔒 : Key Lock. Long press ⏻ 5 seconds to lock or unlock;

IV. User Interface Explanation



- 🏠 : Manual Control. 🏠 : Temporary Manual Control. 🏠 : Auto Control.
- 🔌 : Heating.
- 🕒 : First Period. Wake up in the morning.
- 🕒 : Second Period. Out of home in the morning.
- 🕒 : Third Period. Go home in the afternoon.
- 🕒 : Forth Period. Out of home in the afternoon.
- 🕒 : Fifth Period. Go home in the evening.
- 🕒 : Sixth Period. Sleep in the evening.



V. Model Spec

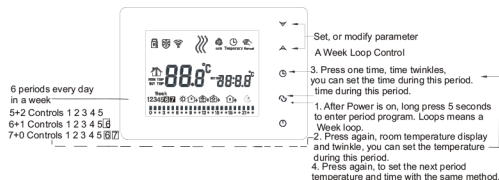
Model	Program Function	Wireless Function	Terminal Receiver
BOT-X306	✓	✓	
BOT306RF-WIFI		✓	✓

VI. Operation Instruction

Time Setting

Press ⏻, the time area will display Minute, Hour and Week, then press ⬆️ or ⬇️ to modify time.

Programmable Period Temperature Setting



First step, long press 🔌, screen display LooP(Cycling Control), screen displays 12345 (From Monday to Friday); Press ⬆️ one time, it displays 123456 (From Monday to Saturday); Press ⬇️ two times, it displays 1234567 (From Monday to Sunday);

Second step, time and temperature setting in every period. When screen display 12345 or 123456 or 1234567, press 🔌 to enter temperature setting. Press ⏻ to enter time setting. To modify and save through ⬆️ or ⬇️. Att: When auto-control 🏠, if user needs to reset the temperature, it can be changed to temporary manual control. Temporary manual control means when thermostat is in auto-control mode(program mode), user press ⬆️ or ⬇️ to modify temperature setting, thermostat now is in temporary manual control state. When next periods comes, thermostat will automatically return to acquiescent period program control mode.

Programmable Period Time Setting

Press the 🔌 key for 5 seconds, then press ⏻ to change to time options, user can modify time in the period.

Default Program Data

Period	Icon	Default Time	Default Temperature
Workday	🕒	08:00	20°C
	🕒	08:00	15°C
	🕒	11:30	15°C
Weekends	🕒	12:30	15°C
	🕒	17:30	22°C
	🕒	22:00	15°C
	🕒	08:00	22°C
Weekends	🕒	23:00	15°C

Att:

- The default temperature values of 3 and 4 period in workday is same with 2 period. If user need, please change this default temperature.
- Setting temperature is 00, it means this period is power off.

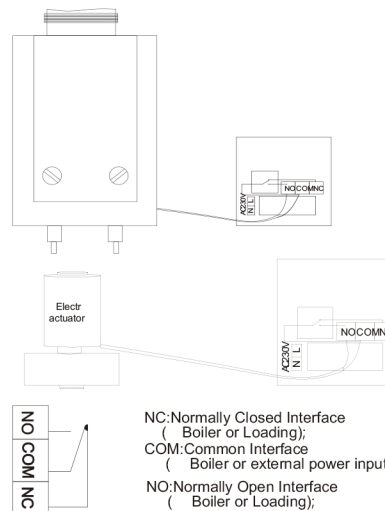
VII. Advanced Setting



In the state of power-off, long press and hold 🔌 then press ⏻ into advanced setting mode. Then press 🔌 to set relative item.

Display Code	Function	Setting And Options	Factory Default
dIF	Limit temp. return difference	0.5-4.5°C	2°C
SVH	Set temp. upper Limit	5-99°C	35°C
SVL	Set temp. low limit	5-99°C	5°C
Adj	Measure temp.	-5-5°C	0.5°Caccuracy correction
FrE	Anti-frozen	00 : Close anti-frozen 01 : Open anti-frozen	00
LOC	Button lock function	00: Unlock 01: except power switch, all buttons are locked 02: All buttons are locked	00
SNP	Set Sequence Number	00 : Close this function 01 : Open this function	0
FAC	Factory setting	08 : Just display 00 : Return to factory setting	08

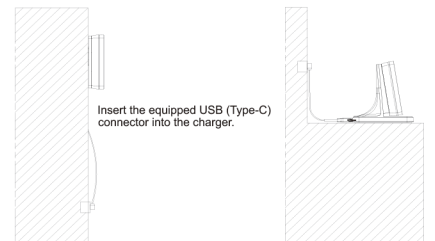
VIII. Wiring Diagram



NC: Normally Closed Interface (Boiler or Loading);
COM: Common Interface (Boiler or external power input);
NO: Normally Open Interface (Boiler or Loading);

Att: Installation wires should be changed to be 1.5-2.5mm² hard line. Please rightly connect the wires strictly according to the connect diagram. Don't make water, mud and other debris into the thermostat, otherwise it will damage the thermostat.

IX. Installation Instruction



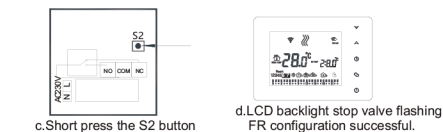
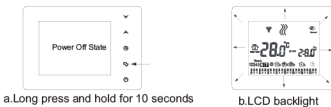
Thermostat can be hung on the wall, or put on the table. User can choose one of them when he places an order. We will equip corresponding installation bracket and USB wire for user.

X. Set Sequence Number

1. Every thermostat has a matched receiver, and thermostat and receiver have a same group of sequence number. If user mix during installation, sequence number can be set through the following method.(Sequence number is unique)



A. Automatic RF code configuration and viewing



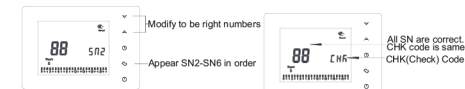
B. Manual RF code configuration and viewing.

2. In Advance Setting, SNP need to be set 01. Then to set SN through the following four steps.



The first step, press 🔌 button under power off state, then press ⏻ button, then press 🔌 button to enter parameter setting;

The second step, after appearing SN1, press ⬆️ or ⬇️ to modify the number;



The third step, every time pressing once 🔌, it will appear SN2, SN3, SN4, SN5 and SN6 in order. Refer to second step, press ⬆️ or ⬇️ to modify. The forth step, after SN is finished setting, if CHK Code is the same with bar code, it is correct. If not consistent, it is not correct. Please input again.

3.VAC: Control valves 1-8 place numbers. The default value is 01. (This setting is only useful when thermostat is applied to control Wireless Main-Control Centralized Controller. If thermostat is used to control boiler, this setting must be 01.)

XI. Phone Port Operation Instruction

1. Install APP on phone

For IOS system: Login in App Store, search "Smart Life" or

"Tuya Smart" you can download it on your iphone.

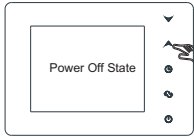
For Android System: Login in Google Play, search "Smart Life", or "Tuya Smart", you can download it on your phone.

Or scan below code to download:

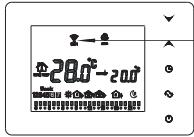


2. Connection Thermostat with Phone

Thermostat Setting



Press up **▲** Hold on for 10 seconds



During the configuration process the WiFi icon flashes briefly to start the configuration network Valid for 2 minutes

At this time, wifi symbol will be twinkling quickly and frequently. It means, you can connect thermostat with phone now.

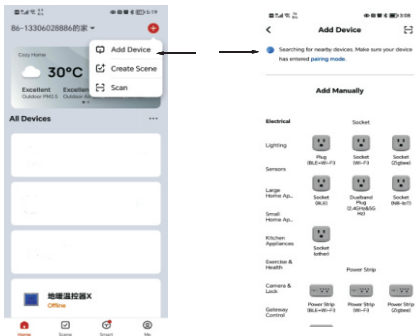
When wifi symbol stop twinkling, it means thermostat is successfully connected with phone.

Connection with Phone

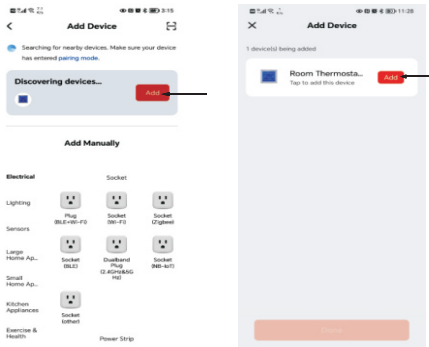
Open " Smart Life " or " Tuya Smart " APP on your phone, you can see APP welcome page.

Log in or sign up your TuyaSmart APP.

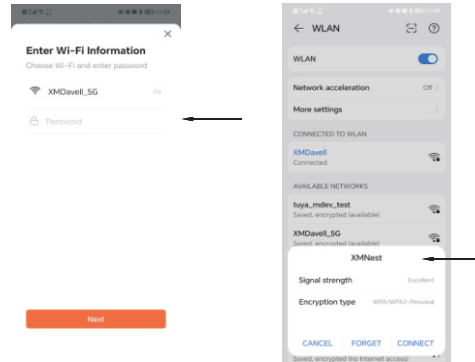
When the thermostat Wifi Symbol twinkling fast, you can start to add device on your Phone.



After clicking on the menu and selecting "Add Device", the APP will automatically search for the thermostat.

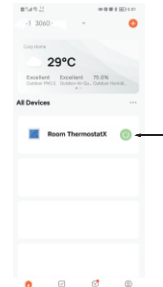


Display on AAP:
The 'A Discovering devices' and 'Done 'apps have now found the devices through Bluetooth and connected them to the thermostat.
Click on 'ADD'



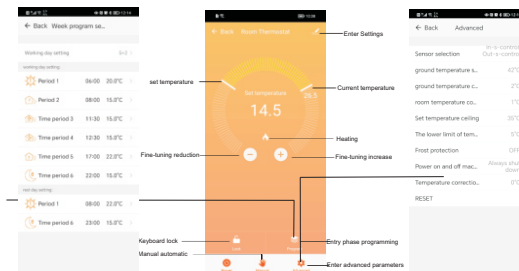
If your phone's WIFI connection is on 5G frequency, please switch to 2.4G frequency. Press Next

APP Interface on the Phone



The overall device list of the mobile app has a shortcut key for turning on/off the thermostat.

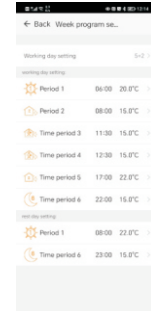
Open the Home screen of mobile phone APP thermostat



Thermostat Setting through Phone Operation

1. Children lock (screen locking) : Press to lock the thermostat.

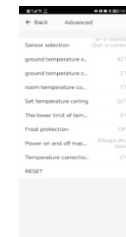
- Temperature setting: You can directly drag the pointer on Temperature Setting Dial to set temperature. Or press and to set temperature step.
- Period setting: Press then you will go into the Period Setting mode:



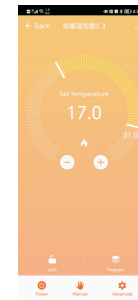
Touch working day setting: you can choose the week program mode: 5+2/ 6+1 /7.

Notice: When you choose the program mode to 7, rest day setting data set will no appear.

Advanced Setting: Press Advanced , you will go into Advanced setting mode:



- Switch of Manual mode and Auto mode: Press to switch manual mode or Auto mode.
- Power off/on: Press to turn on or off thermostat.

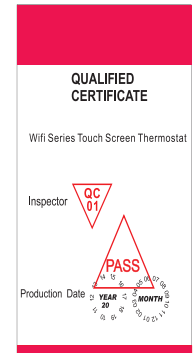
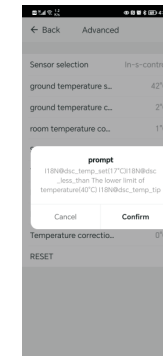


X. Attention to Phone WiFi Connection:

1. After you press Configure, if connection fails:

- Please confirm your mobile phone is set to WLAN mode, and ensure it's (mobile data)3g/4g is turned off. Please connect to 2.4G wifi, not 5G wifi.
- Please add your wifi router name, we recommend it does not include spaces or Chinese symbol.
- Please check your wifi router password. We recommend not over 32 characters, no spaces, no blank password, no special symbols except letters and numbers.
- AP config: AP thermostat hotspot configuration (operate FAC=12 in advanced settings).
- Please confirm wifi password is correctly filled. We recommend you check password to be visible when it is input.

2. If it displays the following reminder, please go to Advanced Setting to reset corresponding setting. Or restore factory "RESET"



XII. ATT:

Thank you for buying this product!

Please read this manual for complete instructions on installing and operating your thermostat. If you require further assistance, please feel free to contact us.

In the box you will find:

Model	BOT-X306	BOT306RF-WIFI
Thermostat	✓	✓
User Manual	✓	✓
Screws	✓	✓

Our Service:

We offer the warranty of 24 months from the sales day.

During the warranty, if it is belong to the quality issue, we will fix or replace them for you by free after test them.

If it is not quality problem or beyond the warranty time, we will charge for the after-sales service.

Warning:



The symbol means the unit is being installed, it may cause electrical shock hazard during maintaining, so please make sure it is operated by the professional technical worker.

