BOT306RF-WIFI BOILER THERMOSTAT

I. Product Summary:

BOT series boiler thermostats are with LCD digital display big screen, and it is developed according to market's requirements. Thermostats can be installed on the wall, or directly put on the table. 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.
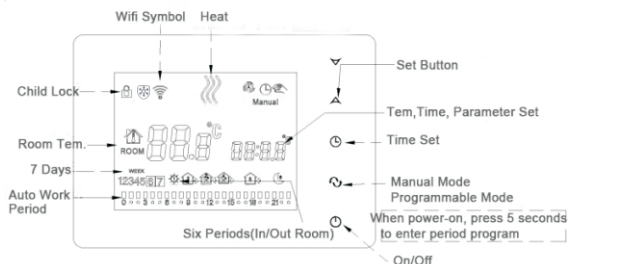
II. Technical Parameter:

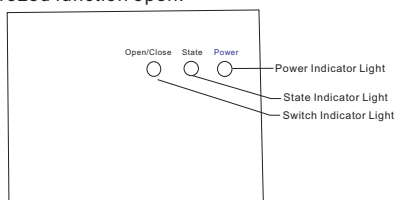|	
Working Voltage	USB type C (5V)
Current Load	3A
Temperature Control Accuracy	±1℃ (0.5-4.5℃ adjustable)
Setting Temperature Range	5-35℃
Limiting Temperature Range	5-35ºC
Consumption	<0.3W
Temperature Sensor	NTC

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 evenning.

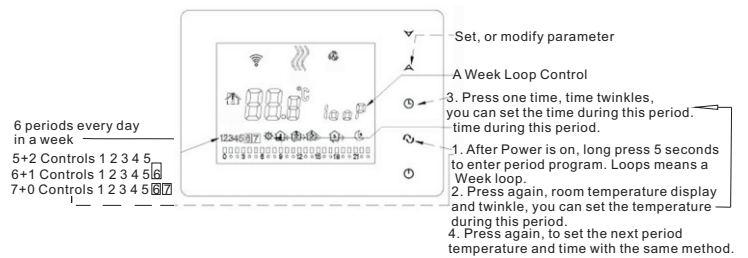🌙:Sixth Period. Sleep in the evening.

❄: Anti-frozed function open.

Power Indicator Light
State Indicator Light
Switch Indicator Light

V. Model Spec

Model	Wireless Function	Terminal Receiver	Wi-Fi Function
BOT-W306			
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

6 periods every day in a week
5+2 Controls 1 2 3 4 5
6+1 Controls 1 2 3 4 5 6
7+0 Controls 1 2 3 4 5 6 7

Set, or modify parameter
A Week Loop Control
3. Press one time, time twinkles, you can set the time during this period. time during this period.
1. After Power is on, long press 5 seconds to enter period program. Loops means a Week loop.
2. Press again, room temperature display and twinkle, you can set the temperature during this period.
4. Press again, to set the next period temperature and time with the same method.

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 manul control state. When next periods comes, thermostat will automatically return to acquiescent period program control mode.

Programmable Period Time Setting

First press ↻ , then press 🕓 to change to time options, user can modify time in the period.
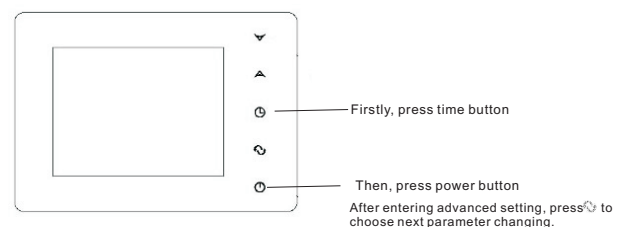
Default Program Data

Period		Icon	Default Time	Default Temperature
Workday	1	☀	06:00	20℃
	2	🏠	08:00	15℃
	3	🏠	11:30	15℃
	4	🏠	12:30	15℃
	5	🏠	17:30	22℃
	6	🌙	22:00	15℃
Weekends	1	☀	08:00	22℃
	2	🌙	23:00	15℃

Att:
1. The default temperature values of 3 and 4 period in workday is same with 2 period. If user need, please change this default temperature.

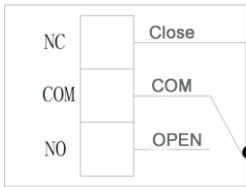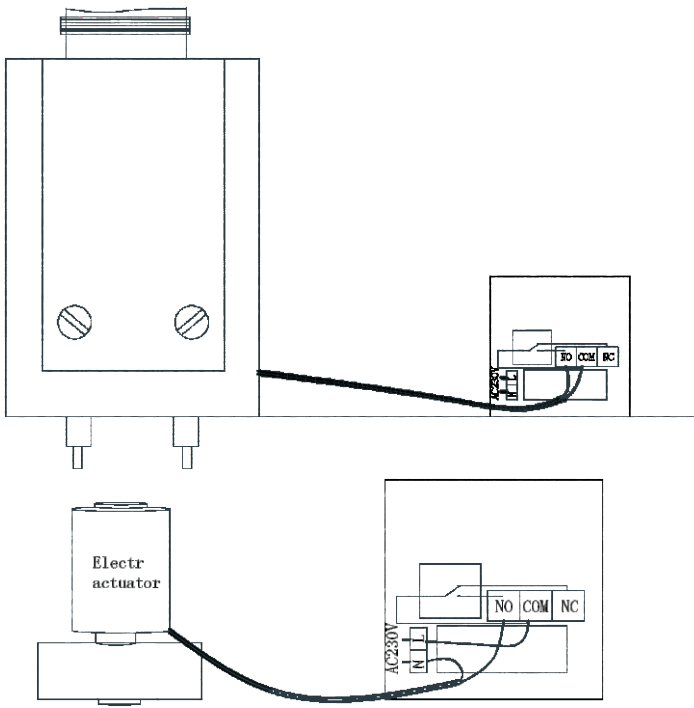2. Setting temperature is *00,* it means this period is power off.

VII. Advanced Setting

Firstly, press time button
Then, press power button
After entering advanced setting, press ↻ to choose next parameter changing.

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℃	1℃
SVH	Set temp. upper Limit	5-35℃	35℃
SVL	Set temp. low limit	5-35℃	5℃
AdJ	Measure temp.	-5-5℃(0.5℃accuracy correction)	0.0℃
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）;

The button inside receiver is Reset button. When status indicator light stay on or not on, user can press reset button to resume normal work.

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.
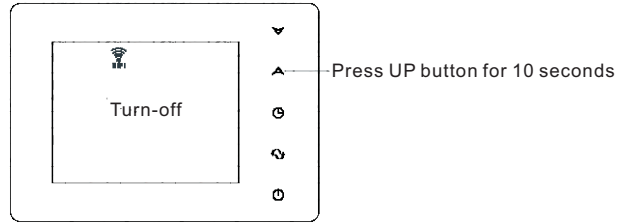
IX. WIFI Configure

1. Install APP on phone

For iOS system: Login in App Store, search " Beok RF Boiler", you can download it on your iphone.
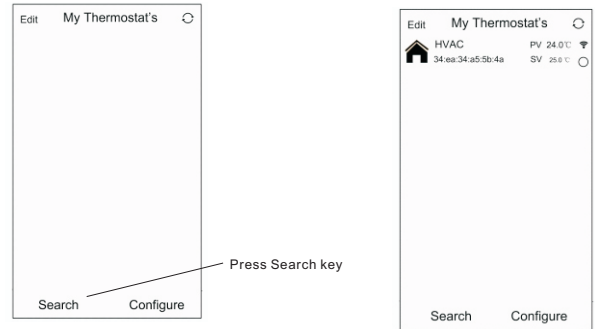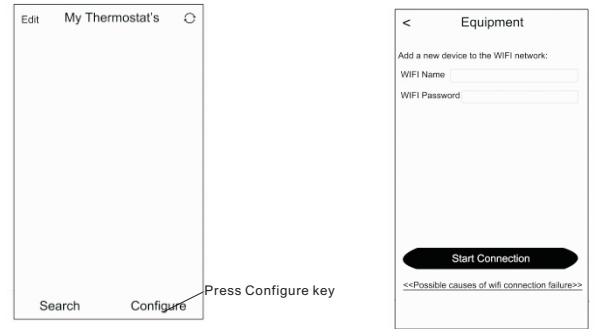
For Android System: Login in Google Play, search "Beok RFBoiler", you can download it on your phone.

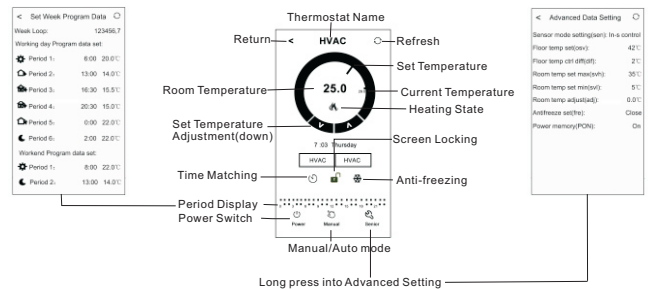## 2. Connection Thermostat with Phone

Thermostat Setting

Turn-off

Press UP button for 10 seconds

1. Download and Install APP on phone.
2. Press thermostat ∧ button for 10 seconds when thermostat is in turn-off state, then WIFI signal will appear and quickly twinkle.
3. Enter your wifi name and password, then start connection configure.

Press Configure key

Press Search key
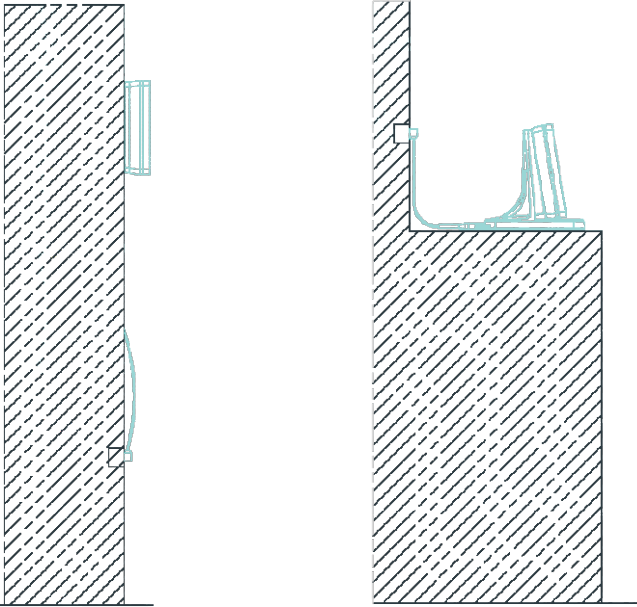
APP Interface on the Phone

Thermostat Setting through Phone Operation

1. Clock : You can press Time Matching (⟳) switch to match your phone clock with thermostat clock.

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

3. Anti-Freezing: Press ❄ thermostat will show ❄ on the screen , it means Anti-freezing function open.

4. Temperature setting: You can directly drag the pointer ⊙ on Temperature Setting Dial to set temperature. Or press ∧ and ∨ to set temperature step.

5.Period setting: Long press Period Display, then you will go into the Period Setting mode:

6. Advanced Setting: Long Press Senior ⚒ Senior , you will go into Advanced setting mode:

7. Switch of Manual mode and Auto mode: Press ✋ Manual to switch manual mode or Auto mode.

8. Power off : Press ⏻ Power to turn on or off thermostat.

X. Installation Instruction

Insert the equipped USB (Type-C) connector into the charger.

XI. 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)
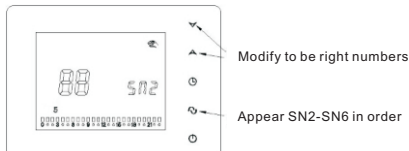
```
1 4 4 9 1 2 3 4 5 6 7 8 4 3
sn1 sn2 sn3 sn4 sn5 sn6 CHK
```

2. In Advance Setting, SNP need to be set 01. Then to set SN through the following four steps.
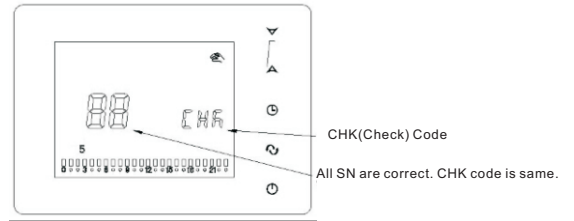
Power Off State
1. Press ▽ button
2. Press ⏻ button

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

88 SN1
Modify to be right numbers

The second step, after appearing SN1, press △ or ▽ to modify the number;

88 SN2
Modify to be right numbers
Appear SN2-SN6 in order

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.

CHK(Check) Code
All SN are correct. CHK code is same.

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 valves1-8 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.)

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.
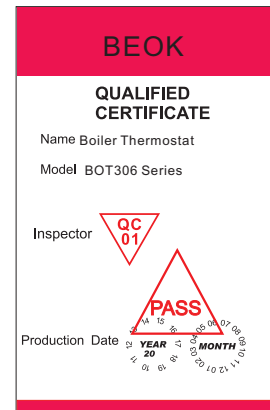
In the box you will find:

Model	BOT-W306	BOT-X306	BOT306RF-WIFI
Thermostat	√	√	√
User Manual	√	√	√
Screws	√	√	√
Receiver		√	√
USB Cable			√
Support Bracket			√

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.

BEOK

QUALIFIED CERTIFICATE

Name Boiler Thermostat

Model BOT306 Series

Inspector QC 01

PASS

Production Date YEAR 20 MONTH

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.

CE