

BOT SERIES 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. 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.

BOT series boiler thermostats includes wired and wireless two kinds of thermostats.

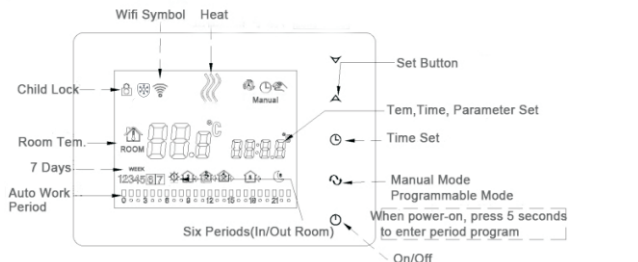
II. Technical Parameter:

Working Voltage	1.5Vx2(Two sections of 1.5V 5 battery) Output power can be made 220V/110V
Current Load	3A
Temperature Control Accuracy	±2°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

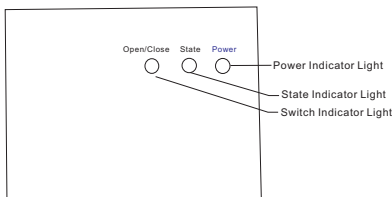
III. Main Button Instruction

- ⏻ : 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



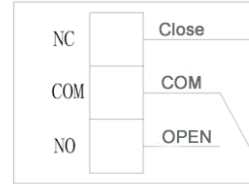
- ⌚ : Manual Control. ⌚ : Temporary Manual Control ⌚ : Auto Control.
- 🔥 : Heating.
- 🌞 : First Period. Wake up in the morning.
- 🏠 : Second Period. Out of home in the morning.
- 🏠 : Third Period. Go home in the afternoon.
- 🏠 : Forth Period. Out of home in the afternoon.
- 🏠 : Fifth Period. Go home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



V. Model Spec

Model	Program Function	Wireless Function	Terminal Receiver
BOT-W306	✓		
BOT-X306	✓	✓	✓

VI. Wiring Diagram



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

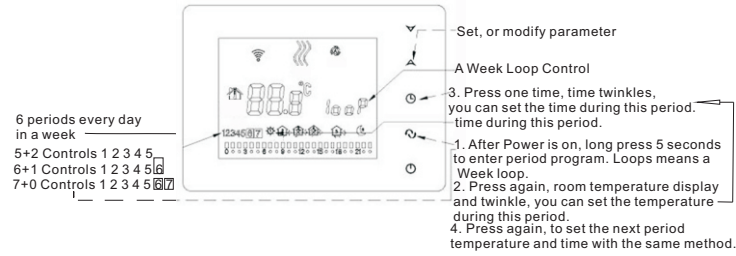
Att: Installation wires should be changed to be 1. 5-2. 5mm² hard line. Please rightly connect the wires strictly according to the connect diagram. Don't make water, mud and other debris into the thermostat, otherwise it will damage the thermostat.

VII. 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

First press ⌚ , then press ⌚ to change to time options, user can modify time in the period.

Default Program Data

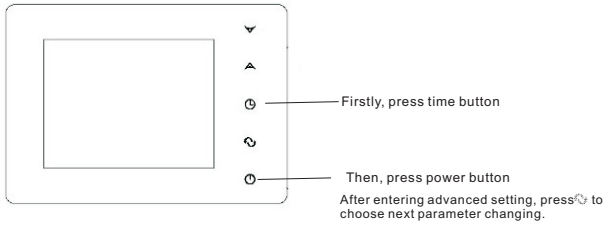
Period	Icon	Default Time	Default Temperature
Workday	1	06:00	20°C
	2	08:00	15°C
	3	11:30	15°C
	4	12:30	15°C
	5	17:30	22°C
	6	22:00	15°C
Weekends	1	08:00	22°C
	2	23:00	15°C

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



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

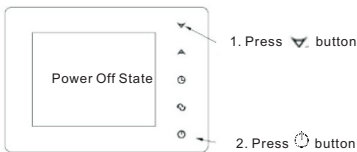
Display Code	Function	Setting And Options	Factory Default
dIF	Limit temp. return difference	0.5-4.5°C	2°C
SVH	Set temp. upper limit	5-99°C	35°C
SVL	Set temp. low limit	5-99°C	5°C
AdJ	Measure temp.	-5-5°C	0.5°C accuracy correction
FrE	Anti-frozen	00 : Close anti-frozen 01 : Open anti-frozen	00
LOC	Button 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. 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)



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



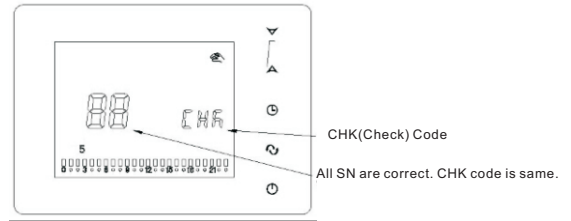
The first step, press ∇ button under power off state, then press \odot button, then press \odot button to enter parameter setting;



The second step, after appearing SN1, press \blacktriangle or \blacktriangledown to modify the number;



The third step, every time pressing once \odot , it will appear SN2, SN3, SN4, SN5 and SN6 in order. Refer to second step, press \blacktriangle or \blacktriangledown to modify.



The fourth 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.)

X. 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:

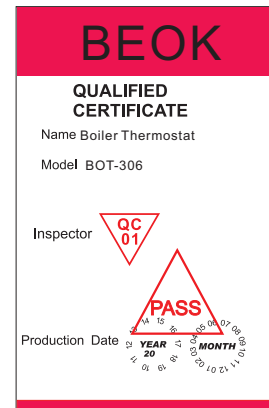
Model	BOT-X306	BOT-W306
Thermostat	✓	✓
User Manual	✓	✓
Screws	✓	✓
Dryer	✓	✓
Receiver	✓	

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.

