

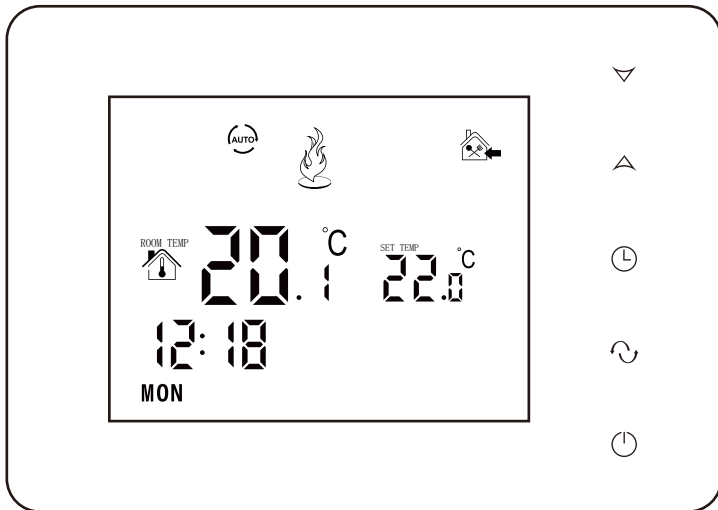


BOT-W306

INSTRUCTIONS

BOT-W306

Gas Boiler Thermostat User Manual



I. Product Summary:

BOT-306 series boiler thermostats are with LCD digital display 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.

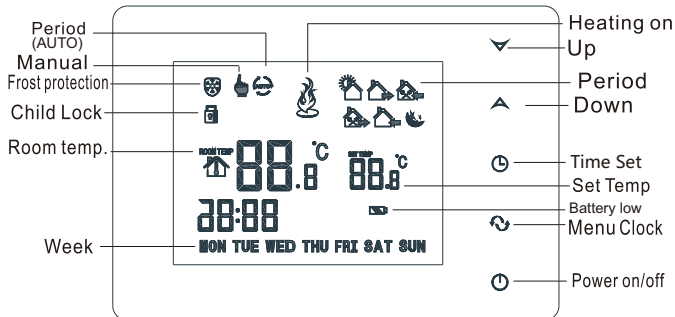
II. Technical Parameter:

Working Voltage	1.5Vx2(Two sections of 1.5V 5 battery)
Current Load	3A
Temperature Control Accuracy	$\pm 1^{\circ}\text{C}$
Setting Temperature Range	5-99 $^{\circ}\text{C}$ (factory default 5-35 $^{\circ}\text{C}$)
Limiting Temperature Range	5-99 $^{\circ}\text{C}$
Consumption	<150uW
Temperature Sensor	NTC

III. Main Button Instruction

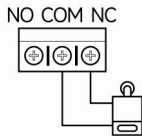
- ⏻ : ON/OFF Switch;
- ↺ : Mode Button. Switch between manual mode and programmable mode.
Long press to enter period setting.
- 🕒 : Time Set. Hour, minute and week setting;
- ⬆ : Up Button. To increase temperature.
- ⬇ : Down Button. To reduce temperature.

IV. User Interface Explanation



-  :Manual control mode.
-  :Heating on.
-  :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.
-  :Anti-freeze function.
-  :Keypad Lock Set the advanced setting LOC to 01 or 02, press ⌚ more than 5 seconds to temporarily lock or unlock.

V. Wiring Diagram



NC: Normally Closed Interface
(Boiler or Loading) ;

COM: Common Interface
(Boiler or external power input) ;



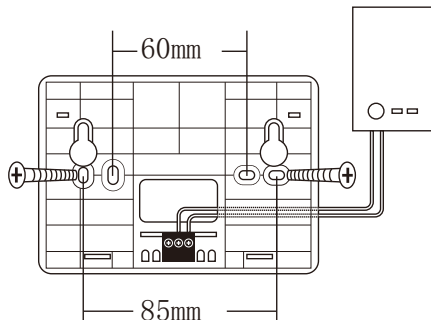
NO: Normally Open Interface
(Boiler or Loading) ;

COM: Common Interface
(Boiler or external power input) ;

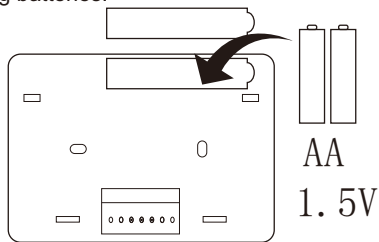
Installation

1. As shown in Figure 1, a screw expansion sleeve with a pitch of 86mm is installed on the wall and connected to the control line

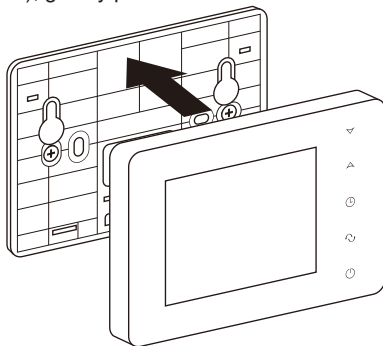
Att: Installation wires should be changed to be 1.5-2.5mm² hard line.
Please rightly connect the wires strictly according to the connect diagram.
Don't make water, mud and other debris into the thermostat, otherwise it will damage the thermostat.



2. Install two No. 5 (AA) reducing batteries.



3. After aligning the thermostat display board with the two hooks on the lower part of the installation board (position A), gently press it in towards the wall, and the display board will completely hang B.



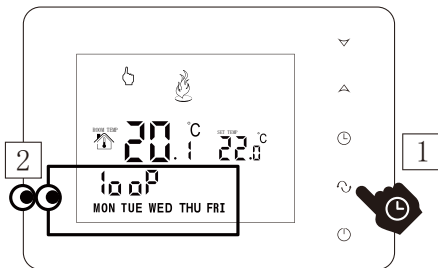
VI. Operation Instruction

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.



1. Press and hold the  button while the device is powered on until "Loop" appears in the upper-left corner of the display.

2. Press the Up/Down buttons to cycle between the "5+2 days", "6+1 days", and "7 days" loop modes. Select the loop mode you want.

MON TUE WED THU FRI

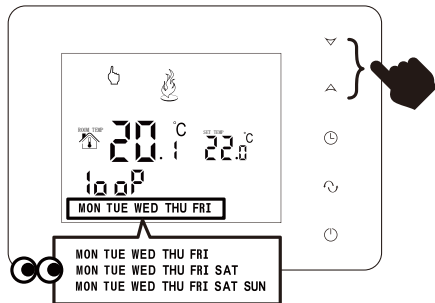
means 5+2 days cycle mode, 5 weekdays + 2 weekend days.

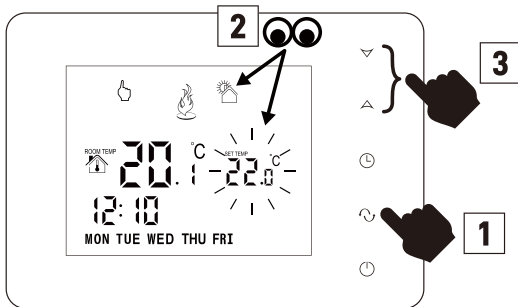
MON TUE WED THU FRI SAT

means 6+1 days cycle mode, 6 weekdays + 1 weekend day.

MON TUE WED THU FRI SAT SUN

means 7 weekdays cycle mode.



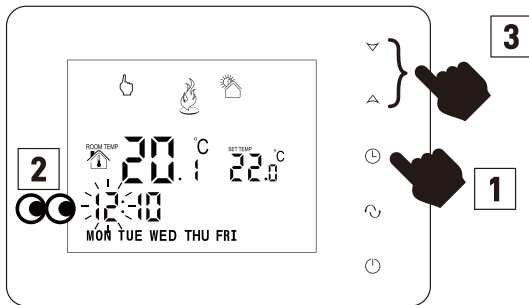


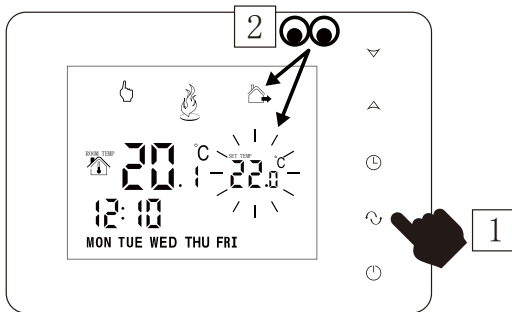
3. After pressing the  key, the first time period icon  will appear, and the set temperature will begin to flash. Press the Up/Down keys to adjust the temperature for this time period.

4. Press the  key to toggle between “Temperature”, “Hour”, and “Minute” values. Use the Up/Down keys to adjust the desired temperature and start time for the first time period.

 ----- Toggle between “Temperature”, “Hour”, and “Minute” values

 ----- Adjust the value





5. After setting the start time and desired temperature for the first period, press the  key to switch to the second period's settings. The screen will display the icon  for the second period, and the set temperature will begin flashing.

Repeat this process as described in Step 1 to configure all periods. Finally, press the  key to complete the setup.

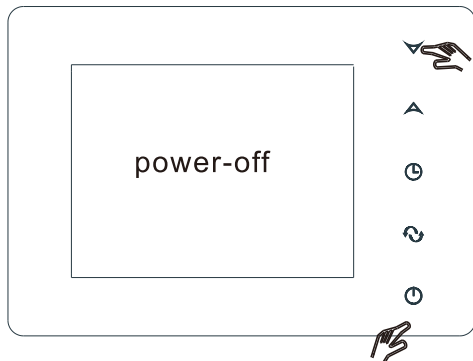
How to Switch between Manual Mode and Auto Mode

Press the  key to switch between manual and automatic (programmed) modes.

Temporary Manual Mode

When in Automatic mode, press the Up/Down keys to adjust the current set temperature manually. The thermostat will maintain your manually set temperature until the next scheduled period begins.

VII. Advanced Setting



Firstly, Press down 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°C	1°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
FAC	Factory setting	08 : Just display 00 : Return to factory setting	08

VIII. 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:

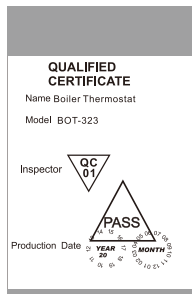
Model	BOT-306
Thermostat	✓
User Manual	✓
Screws	✓
Dryer	

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.

