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BEOK CONTROLS BOT-R6W Gas Boiler Thermostat

BEOK CONTROLS BOT-R6W Gas Boiler Thermostat Instruction Manual

Contents

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BEOK CONTROLS BOT-R6W Gas Boiler Thermostat

Product Information

Specifications

- **Product**: BOT-R6W Gas Boiler Thermostat
- **Temperature Sensor**: NTC
- **Temperature Precision**: Not specified
- **Self-Consumed**: Not specified

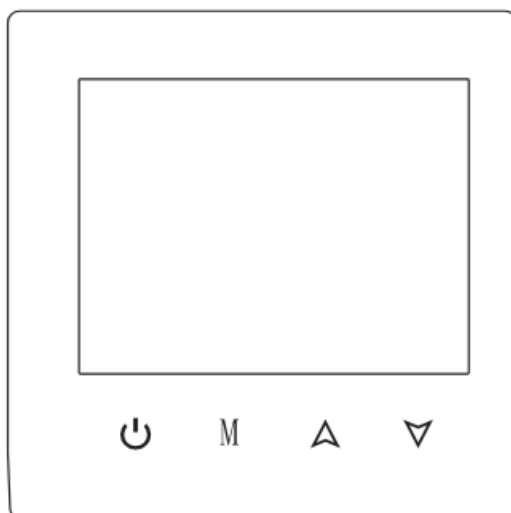## Product Usage Instructions

Operation Instructions

- **Turn On/Off:** Press the on/off key to turn on the thermostat. Press it again to shut down and close all valves simultaneously.
- **Mode Conversion:** Press the M key to switch between manual and automatic modes.
- **Clock Adjustment:** Press the M key for 5 seconds to switch between time and week settings. Use the adjustment key to set the values and press the power key to save and exit.
- **Lock Button Function:** To lock the thermostat, press and hold the lock button for 5 seconds. The lock icon will indicate a successful lock.
- **Cryogenic Protection Function:** Enter the third option in advanced settings, select ON for cryogenic protection. The thermostat will automatically turn on heating when the room temperature is below 5 degrees and turn off when it reaches 5 degrees.

FAQ

Q: What is the purpose of the cryogenic protection function?

A: The cryogenic protection function ensures that the thermostat automatically turns on heating when the room temperature drops below 5 degrees for added comfort and energy-saving.
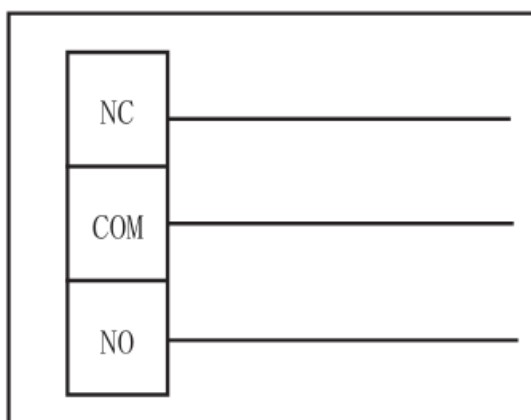
BOT-R6W Gas Boiler Thermostat

Apply

Intelligent digital thermostat is a temperature controller, which suitable for the floor heating system. Through the comparison of the ambient temperature and the set temperature ,the working state of the electric valve of the floor heating system is controlled in order to adjust the ambient temperature, comfort and energy-saving.

Wiring diagram

Operation instruction

- **Turn on** / **off key** : press the on / off key to turn on once; press to shut down again and close all valves at the same time.
- **M mode conversion key**: in the power-on state, press M to switch the working mode, The liquids crystal display represents the manual mode and the display represents the automatic mode.
- When the adjustment key is turned on, press adjustment of the number
- **Clock adjustment**: in the power-on state, press the M key for 5 seconds, press the M key to switch the time and week after the icon flashes. press power key to save and exit.
- **Lock button function**: in boot state press and hold and 5 seconds panel enter lock kay state right side of display screen. the icon of the lock indicates that the lock key was successful.
- **Cryogenic protection function**: Advanced options enter the third option, select ON, the thermostat is turned

off, when the room temperature is below 5 the thermostat automatically turns on heating, and when the indoor temperature rises to 5 degrees, the thermostat automatically turns off the heating.

Electrical specification

1. Temperature sensor NTC
2. **Temperature precision**: ±1°
3. **Self-consumed**:<170uW
4. **Voltage** :three 1.5V batteries
5. **Load current**:3A (negative)
6. **Protection grade**:H20

Note : Passive linkage of wall-mounted furnace com and no
Note: due to the strong power design of some circuits of this product it needs to be installed by professionals.

Programming mode operation
In the case of power on ,press M and key for 5 seconds to enter programming mode, then press M to switch parameters. the first time to enter the programming mode is to adjust the hour of time, press M to adjust for minutes ,and then press M to adjust the temperature. The adjustment method of each period is the same as that of the first period .press exit.

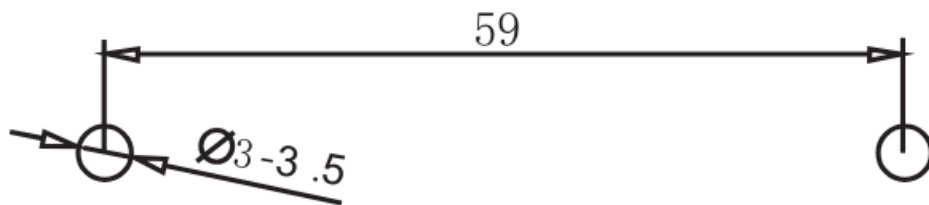| Press the button	Option		Icon	time	Adjust the time	The default value	Adjust the temperature
M	Weekdays	1	🏠1	06:00	△ ▽	20℃	△ ▽
		2	2🚶>	08:00		16℃	
		3	3<🚶	11:30		16℃	
		4	4🚶>	12:30		16℃	
		5	5<🚶	17:00		22℃	
		6	🛏6	22:00		16℃	
	Day Off	1	🏠1	08:00		22℃	
		2	🛏6	23:00		16℃	

Parameters setting
In the shutdown state press M and for 5 seconds at the same time to enter the parameter setting interface, at this time: press M cycle to select the parameters you need to set,
and press key to adjust the parameters. Press chase out.
The schedule of parameters is as follows

Installation method

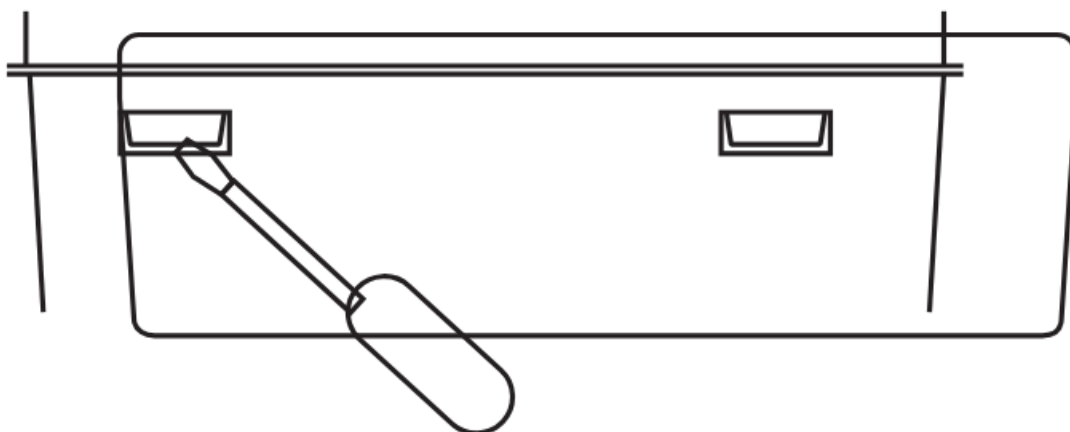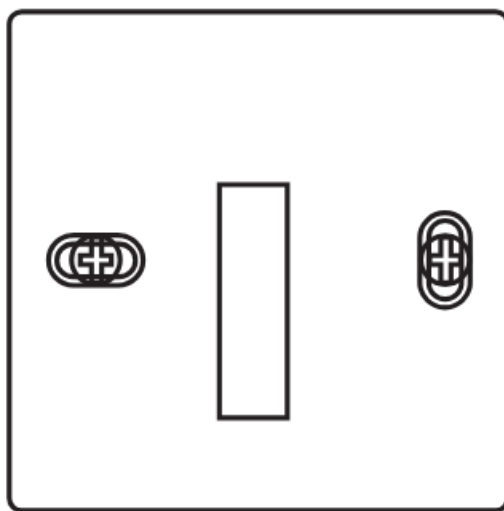1. Install expansion screw sleeve with pitch 59mm

2.

Separate the upper cover and the lower cover with a screwdriver, according to the direction of the alignment. The wire passes through the back cover to the slot and leaves about 20cm long according to the actual situation

3.

Fix the bottom shell to the wal ,and finally fix the wire. Cover the front shell on the bottom shell.
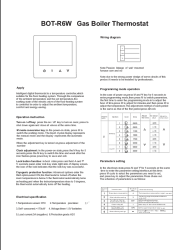

Check step
The intelligent touch screen thermostat is installed where it is easy for the user to watch the screen and adjust the temperature setting point. And make the thermostat located in a place that can represent the overall ambient temperature of the room. Avoid installing thermostats near cold and heat sources ,such as vents ,heaters ,outdoors or places where the sun shine.

Common failure

phenomenon	Treatment method
Cant not turn it on	1. Check whether the battery is installed upside down 2. Check whether the boot button is valid
LCD garbled code	Whether the rear shell installation is deformed, it can be loosened and reinstalled.
Show normal and no output	1. Check whether the connection between the main control board and the power board is damaged 2. Check if the output has the wrong connection.
There is an error in the temperature	Display through the first calibration panel of the advanced option.

Documents / Resources

BEOK CONTROLS BOT-R6W Gas Boiler Thermostat [pdf] Instruction Manual
BOT-R6W, BOT-R6W Gas Boiler Thermostat, Gas Boiler Thermostat, Boiler Thermostat, Thermostat

References

- **User Manual**