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.

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 liquld 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 indoortemperature rises to 5 degrees, the thermostat automatically turns off the heating.

Electrical specification

1.Temperature sensor NTC   2.Temperature precision: $\pm 1°$

3.Self-consumed:<170uW   4.Voltage:three 1.5V batteries
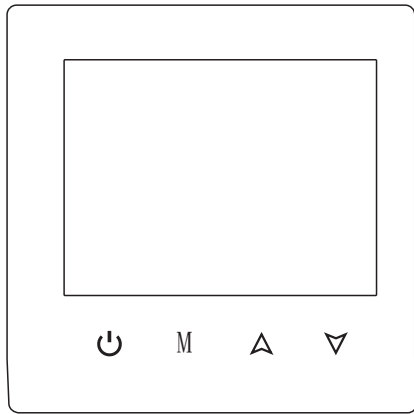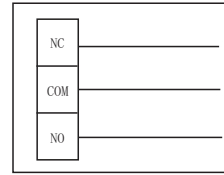
5.Load current:3A (negative) 6.Protection grade:H20

Wiring diagram

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.

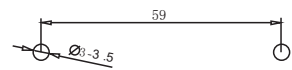| Press the button	Option		Icon	time	Adjust the time	The default value	Adjust the temperature
M	Weekdays	1		06:00	△	20℃	△
		2		08:00		16℃	
		3		11:30		16℃	
		4		12:30		16℃	
		5		17:00		22℃	
		6		22:00	▽	16℃	▽
	Day Off	1		08:00		22℃	
		2		23:00		16℃	

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:
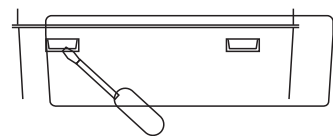
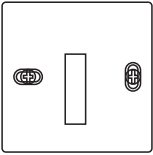| Parameter term	Parameter name	The default value	Functional meaning
1	Temperature compensation	0	The temperature compensation range is -9.9~9.9℃
2	Switch deviation setting	1	The Starting range of temperature difference is 0.5~9.5℃
3	Turn off anti-freezing function start and stop	OFF	OFF:Turn off antifreeze function ON:Turn on antifreezing function
4	Choose a day off	2	0:Non-stop 01: Take a break 02:Weekends
5	Set the upper limit of the temperature	60℃	Set the upper temperature range 35~95℃
6	Restore factory settings		Long press △three seconds, display restore factory setting

Installation method

1. Install expansion screw sleeve with pitch 59mm on the wall.

59
Ø3-3.5

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 ambent 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.