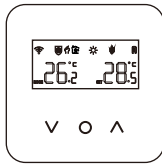


Intelligent Temperature Controller Manual



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■ application

Intelligent thermostat is a temperature controller suitable for gas wall mounted boiler water underfloor heating systems. By comparing the ambient temperature with the set temperature, the working status of the wall mounted boiler in the underfloor heating system is controlled to achieve the goals of regulating the ambient temperature, comfort, and energy saving.

■ Electrical specifications

Equipment power supply	3X1.5V alkaline AAAbatteries
protection grade	IP20
temperature sensor	NTC
Temperature Accuracy	±0.5°C (adjustable)
Self consumption power	<170uA
LOAD	3A(Resistive)

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■ Operating instructions

Power on/off: Press and hold the **O** key to turn off the device and close all valves at the same time. Short press the **O** key to turn on the device.

Mode conversion key: In the power on state, short press **O** to switch the working mode

The LCD display shows **M** for manual mode and **A** for automatic mode.

V **^** Adjustment key: In the power on state, press the **V** or **^** key to adjust the set temperature and other parameters.

Child lock function: Press and hold the **V** and **^** keys for 5 seconds when the device is turned on, and the panel will enter the lock key state. If a lock icon appears on the right side of the display screen, it indicates that the lock key has been successfully pressed.

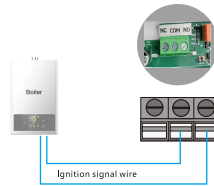
Unlock: Press and hold the **V** and **^** keys for 5 seconds to unlock the child lock on the panel

Temporary mode: Clicking **^** and **V** in the power on state can directly adjust the set temperature. If in automatic mode, it will switch to temporary mode.

The default temperature for home mode is 16°C

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■ Wiring diagram

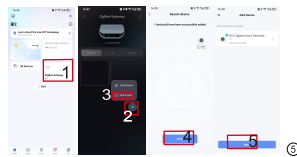


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■ Device network connection settings

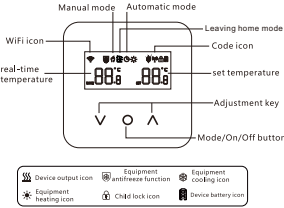
1) When the temperature controller is turned on, it is often **^** pressed for 5 seconds. An icon will flash in the upper left corner of the screen, indicating that it has entered the distribution network state.

2) Network configuration of the intelligent gateway
After powering on, press and hold the reset button for 5 seconds. When the network connection indicator light flashes, use your mobile phone. Enter the "Smart Life" App to complete the network connection; when the network connection indicator light is constantly on. The gateway has been successfully connected to the network. (If the gateway has already been added in the APP, please skip this step.)



⑤

■ Equipment icon description



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■ Advanced Device Options Settings

Press and hold the **O** key for 5 seconds while the device is turned off to enter advanced parameter settings. Press **O** to switch, and press **V** **^** to adjust.

Advanced parameter settings for equipment			
display	Parameter	Actual	Parameter function
1	Temperature compensation	0.0	Temperature compensation range: -9.9 ~ 9.9
2	Temperature difference setup	1	What is the starting range for temperature difference? 1 ~ 12
3	Equipment antifreeze function	ON	Turn on/off the device's antifreeze function
4	Set the water temperature limit value	35°C	Adjustable range: 1°C ~ 40°C
5	Key sound	ON	Turn on/off device button sound
6	Cooling/heating	Cooling/Heating	
7	Restore device factory settings	Set to restore factory settings: default display	Press the M key to adjust the display. Press the confirm key to restore factory settings

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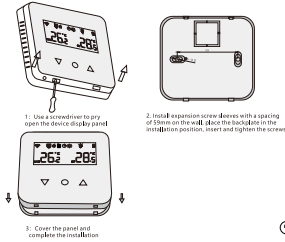
■ Programming mode operation

The network programming mode needs to be operated on the APP, and it works in a six time cycle every day (the standalone version does not have programming function)

option	icon	time	adjust time	Default value	Adjust temperature
1		08:00	▲	20°C	▲
2		09:00		16°C	
3		11:30		16°C	
4		12:30	▼	16°C	▼
5		17:00		22°C	
6		22:00		16°C	

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■ Installation steps



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■ Inspection steps

The intelligent touch screen thermostat is installed in a location where users can easily view the screen and adjust the temperature setting point. And position the thermostat in a location that represents the overall ambient temperature of the room. Avoid installing temperature controllers near cold and heat sources, such as ventilation openings, heaters, outdoors, or places exposed to sunlight.

■ Common fault handling

phenomenon	processing method
Not turning on	1. Check if the battery is installed backwards 2. Check if the power button is valid
LCD display garbled characters	1. Is the installation of the rear shell deformed? It can be loosened and reinstalled.
Normal display without output	1. Check if the wiring between the main control board and the power board is damaged 2. Check if the output is wired incorrectly
Temperature display error	Calibrate panel temperature display through the first option of advanced options

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