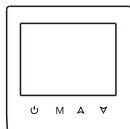


Intelligent temperature control manual



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.

Electrical specification

1. Temperature sensor:NTC
2. Temperature precision:±1℃
3. Self-consumed: <170mW
4. Voltage:three 1.5V batteries
5. Load current:3A(negative)
6. Protection grade:IP20

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.

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
Can't not turn it on	1. Check whether the battery is installed upside down 2. Check whether the back button is valid
LCD garbled code	Whether the rear shell installation is performed, it can be covered and resetted
Show normal and not output	1. Check whether the connection between the room control board and the power board is damaged 2. Check if the relay is in the normal operation
There is an error in the temperature	1. Double-check the time, 4 minutes period or the advanced option.

Operation instruction

Turn on / off key press **M** key to turn on once; press to **M** 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 liquid crystal display **M** represents the manual mode and the display **M** represents the automatic mode.
M Adjust the key in the power-on state
press **M** 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 **M** to Set the lock button function: long press **M** for 5 seconds and 1 seconds panel enter lock key 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.

Programming mode operation

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

Press the surface	Option	Icon	time	Adjust the time	The default value	Adjust the temperature	
M	Workdays	1		08:00	▲	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 **M** 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, press **M** and **M** key to adjust the parameters. Press **M** choose exit. The sequence of parameters is as follows:

Parameter	Parameter value	The display value	Adjustment method
1. Temperature compensation	0	0	Temperature compensation range is -10~10℃
2. Switch detection setting	1	1	The setting range is temperature difference
3. Turn off all valves	ON	ON	Can turn all valves to be closed
4. Choose relay off	1	1	Can choose 1 or 2 relay control
5. Set the upper limit of the temperature	30℃	30℃	Set the upper temperature range to 30℃
6. Restore factory settings	Factory	Factory	Reset to factory default

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About wireless connection

Before using the thermostat for the first time, you should set the wireless signal and configuration through your smart phone or tablet to allow communication between your connected devices.

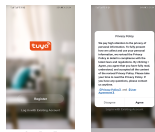
1. When the thermostat is on, long press **M** button for 5 seconds and the thermostat display will come on. How the **M** icon flashes, at this time the thermostat into the state of code.

1. Download the APP Search for "Tuya" in App market or scan below QR Code to download



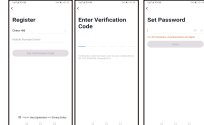
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2. Register Account If you don't have an APP account yet, you can choose to register or log in via SMS verification code. Click "Create a new account", you will enter the "New Smart Return Presses" page. After you click Agree, you will officially enter the mobile phone registration page.



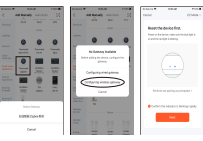
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The system automatically determines the current country/region. You can also select the country/region manually. After entering your mobile phone number or email address, click "Get verification code". Enter the received verification code, then enter the password, and click "Finish" to register successfully.

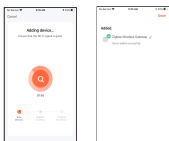


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3. Add gateway device Add device: Click "Add device" or "+" on the top right of the APP homepage to enter the "Add device" page.



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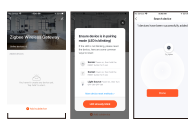


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4. Thermostat add



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5. Display of temperature controller APP interface

