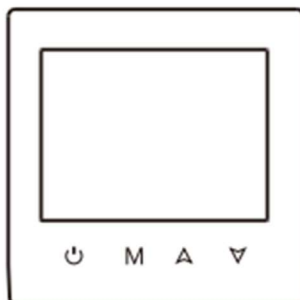


Intelligent temperature control manual



Apply

Intelligent digital thermostat is a temperature controller, which is 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.

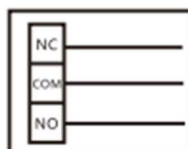
01

Electrical specification

1. Temperature sensor: NTC
2. Temperature precision: $\pm 1^{\circ}\text{C}$
3. Self-consumed: $< 170\text{uW}$
4. Voltage: three 1.5V batteries
5. Load current: 3A (negative)
6. Protection grade: IP20

03

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.

04

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.

06

Installation method



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



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 20 Cm long according to the actual situation.



07

■ Operation instruction

Turn on / off key press \odot key to turn on once; press to \odot 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 \odot represents the manual mode and the display \odot represents the automatic mode.

Δ ∇ Adjust the key. In the power-on state press Δ ∇ 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 \odot to Save Exit

Lock button function: long press Δ in ∇ boot state and 5 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.

02

■ Programming mode operation

In the case of power on, press M and ∇ 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 of 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 \odot exit.

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

05

■ 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, press Δ and ∇ key to adjust the parameters. Press \odot chase out. The schedule of parameters is as follows:

Parameter item	Parameter name	The default value	Functional meaning
1	Temperature compensation	0	The temperature compensation range is -9.9~9.9°C
2	Switch deviation setting	1	The Starting range of temperature difference is 0.5~10°C
3	Turn off anti-freezing function start and stop	OFF	OFF: Turn off anti-freeze function ON: Turn on anti-freezing function
4	Choose a day off	2	0: Close 1: Take a day off 2: Two-day weekend 3: No rest
5	Set the upper limit of the temperature	60°C	Set the upper temperature range 15~65°C
6	Restore factory settings	\odot	Long press Δ three seconds, display restore factory setting

06

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.

\heartsuit link: When the thermostat is on, long press Δ button for 5 seconds and the thermostat display will come out Now the \heartsuit icon flashes, at this time the thermostat into the state of code.

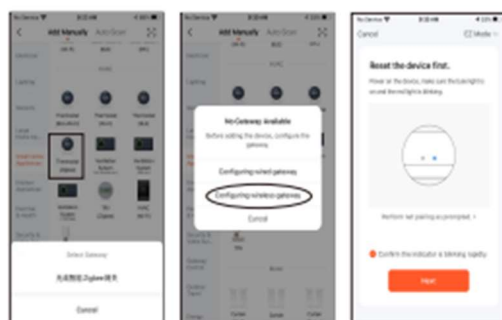
1. Download the APP
Search for "Tuya" in App market or scan below QR Code to download



03

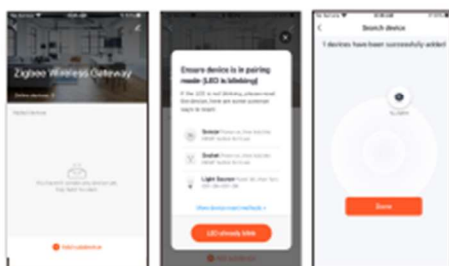
3. Add gateway device

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



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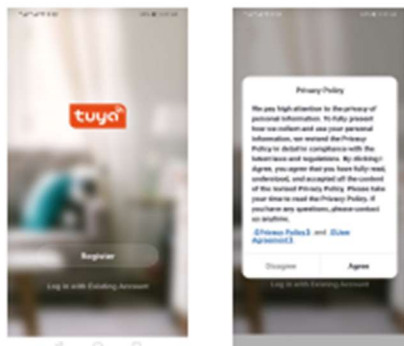
4. Thermostat add



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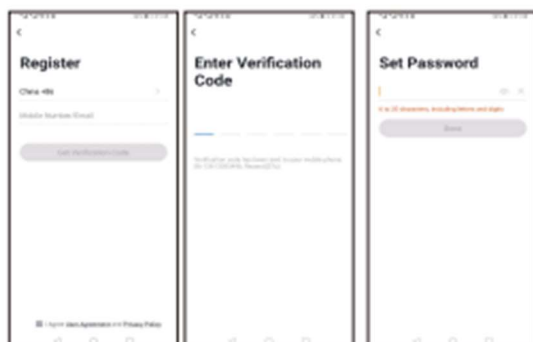
2. Register Account If you don't have an APP account yet, you can choose to register or log in via SMS verification code. Click "Create a new account", you will enter the Tuya Smart Platform Privacy Policy page. After you click Agree, you will officially enter the mobile phone registration page.



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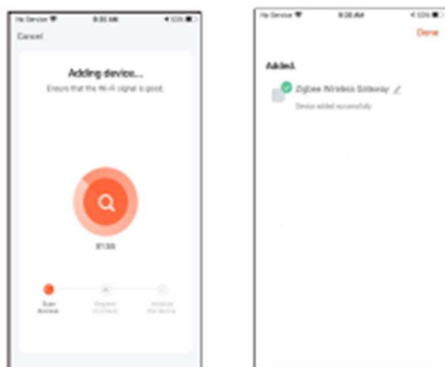
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The system automatically determines the current country/region. You can also select the country/region manually. After entering your mobile phone number or email address, click "get verification code". Enter the received verification code, then enter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



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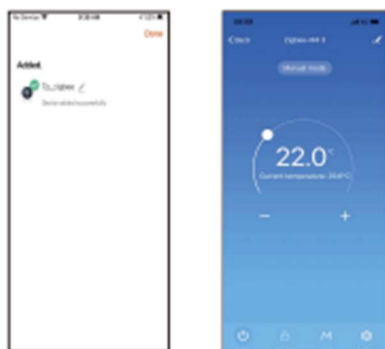
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5. Display of temperature controller APP interface



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