

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.

Turn on/off key: press M key to turn on/off at once; press to
 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 represents
 the manual mode and the display represents the automatic mode.
 A key: Adjust the key in the power-on state
 press A key adjustment of the number.
 Clock adjustment: in the power-on state, press the M key for 5
 seconds, press the L key to switch the time and week after the
 icon of the clock is shown.
 Lock button function: long press A key 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
 successfully pressed. Long press A key to enter the 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
 heating.

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:IP20

NC	_____
COM	_____
NO	_____

Note: due to the strong power design of some circuits of product, it needs to be installed by professionals.

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/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 **Exit**.

Pass like surface	Option	Icon	time	Adjust the time	The default value	Adjust the temperature	
M	Workdays	1		08.00	▲	25°C	▲
		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	

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.

phenomenon	Treatment method
Can't 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 socket is in the wiring connection.
There is an error in the temperature	Check through the test calibration point of the sensor chip.

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

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

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 **▲** and **▼** key to adjust the parameters. Press **U** chase out. The schedule of parameters is as follows:

Parameter no.	Parameter name	The default value	Functional mapping
1	Temperature compensation	0	The temperature compensation range is -10~10°C.
2	Switch deviation setting	1	The switching range of temperature difference
3	Low oil shutdown protection	OFF	OFF: Low oil shutdown function disabled ON: Low oil shutdown function enabled
4	Unstart delay	0	0: Close 1: 1 min delay 2: 2 min delay
5	Set the upper limit of the temperature	60°C	Set the upper temperature range is 0~100°C
6	Factory factory settings		Long press the "ON/OFF" key, display "factory" and press the "ON/OFF" key to confirm

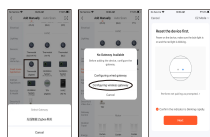
About wireless connection

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.

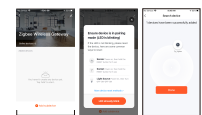
🔒 **Link:** When the thermostat is on, long press **A** button for 5 seconds and the thermostat display will come out. Now the 🔒 icon flashes, at this time the thermostat into the state of code.



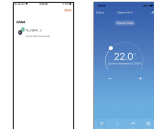
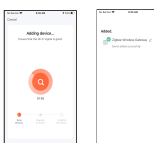
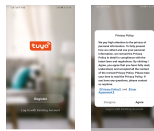
3. Add gateway device
Add device: Click "add device" or "+" on the top right of the APP homepage to enter the "add device" page.



4. Thermostat add



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.



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.

