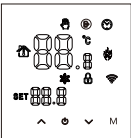




M3 Series Thermostat User Guide



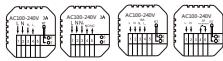
This thermostat is used for water heating, electric heating, or gas boiler.

Thermostat User Guide

User Instructions

- Read this manual carefully. A general operation may damage the product or cause a danger one situation.
- The installation personnel must be well-trained and experienced service technicians.
- After the installation is complete, please check this manual carefully and operate this product as following the user guide. Note: There is a risk of electric shock or equipment damage.

Wiring Diagram



①

Thermostat User Guide

Operation Guide

- Press and hold the **Q** key to turn on/off the thermostat.
- Press the **M** key to switch between manual/automatic modes.
- Continuously press and holding the **Q** key for 5 seconds will set or cancel the child lock.
- At 10:00 AM, when the thermostat is turned on, press and hold the up button for eight or five seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

②

Thermostat User Guide

Welcome

Thank you for your trust and support!
We have adopted advanced technology and perfect craftsmanship so that your new thermostat will provide you with a stable temperature environment every day in the future. It makes your life more pleasant and artistic and making your living environment more fashionable and artistic.
For detailed instructions on installing and using this thermostat, please read this manual carefully.
Please get to touch with a professional to install the thermostat for you. Besides, please install and use this product within the scope of the law.

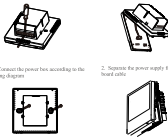
Application

The intelligent digital heating controller is a flow heating system suitable for room temperature control and household temperature control. It controls the operating status of the flow heating equipment by sensing the comparison between the ambient temperature and the set temperature. While ensuring comfort, it achieves the purpose of energy saving.
The digital thermostat adopts microcomputer control technology and has an elegant design, and is easy to use. Moreover, it has manual and automatic functions, programmable functions, and time memory functions.

③

Thermostat User Guide

Mounting steps



1. Connect the power line according to the wiring diagram.

2. Separate the power supply from the control board first.

3. Connect the power supply line to the control board first, and align the bracket at 90 degrees to complete the installation.

④

Thermostat User Guide

Time programming instructions

	Options	Item	Time	Time Adjustment	Default	Temperature Adjustment
Working day	1	1	06:00	↑	20°C	↑
	2	2	08:00	↑	18°C	↑
	3	3	11:00	↑	18°C	↑
	4	4	12:30	↑	18°C	↑
	5	5	17:00	↑	20°C	↑
Holiday	6	6	20:00	↓	18°C	↓
	7	7	08:00	↓	20°C	↓
	8	8	20:00	↓	18°C	↓

⑤

Thermostat User Guide

Product packaging

- Thermostat box (1) 1. Thermostat (1)
Cable of connecting (1) 2. Remote control (1)
Battery box (1) 3. Battery (1)

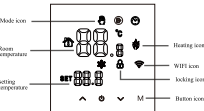
Technical Indicator

- Temperature sensor: NTC
- Temperature accuracy: ±0.5°C
- Display screen: LED
- Working environment: -10~50°C
- Power consumption: power: 10W
- Response time: 10~30s
- Display range: 16~30°C
- Load capacity: water heater 30L
- Voltage: AC220V-240V
- Installation: indoor/outdoor: 100L

⑥

Thermostat User Guide

Icon description



⑦

Thermostat User Guide

Advanced Option Setting

In the advanced mode, press the **M** key and **Q** key for 5 seconds to enter the advanced mode setting.
Press the **M** key to enter the advanced mode setting.
Press the **Q** key to exit the advanced mode setting.

Item	Options	Item	Options
01	Temperature sensor: NTC	02	Temperature accuracy: ±0.5°C
03	Display screen: LED	04	Working environment: -10~50°C
05	Power consumption: power: 10W	06	Response time: 10~30s
07	Display range: 16~30°C	08	Load capacity: water heater 30L
09	Voltage: AC220V-240V	10	Installation: indoor/outdoor: 100L
11	Temperature sensor: NTC	12	Temperature accuracy: ±0.5°C
13	Display screen: LED	14	Working environment: -10~50°C
15	Power consumption: power: 10W	16	Response time: 10~30s
17	Display range: 16~30°C	18	Load capacity: water heater 30L
19	Voltage: AC220V-240V	20	Installation: indoor/outdoor: 100L
21	Temperature sensor: NTC	22	Temperature accuracy: ±0.5°C
23	Display screen: LED	24	Working environment: -10~50°C
25	Power consumption: power: 10W	26	Response time: 10~30s
27	Display range: 16~30°C	28	Load capacity: water heater 30L
29	Voltage: AC220V-240V	30	Installation: indoor/outdoor: 100L

⑧

Thermostat User Guide

About WiFi connection

Before using the WiFi temperature controller for the first time, you must set the WiFi network name and configuration on your smartphone or tablet, which will allow communication between your command device.
WiFi connection: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

WiFi network: When the thermostat is turned on, press and hold the up button for 5 seconds, the WiFi icon flashes on the thermostat display, and the thermostat enters the code matching state.

Thermostat User Guide

2. Register an account

If you do not have an APP account, you can choose to register or log in via SMS verification code. Click "Create New Account" to enter the privacy policy page of Tuya Smart Platform. After clicking Agree, you will formally join the registration page of your mobile phone number.



⑨

Thermostat User Guide

3. Add device

1. Click the "Add Device" button on the thermostat screen. Then the device will enter the "Add Device" state. At this time, the right side of the APP page will show the "Add Device" button. Click the device to be added (Figure 2) and follow the prompts.

2. "Manual discovery" Search for the device to be added. The device will be added to the device list.

3. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

4. "Manual discovery" Search for the device to be added. The device will be added to the device list.

5. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

6. "Manual discovery" Search for the device to be added. The device will be added to the device list.

7. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

8. "Manual discovery" Search for the device to be added. The device will be added to the device list.

9. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

10. "Manual discovery" Search for the device to be added. The device will be added to the device list.

11. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

12. "Manual discovery" Search for the device to be added. The device will be added to the device list.

13. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

14. "Manual discovery" Search for the device to be added. The device will be added to the device list.

15. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

16. "Manual discovery" Search for the device to be added. The device will be added to the device list.

17. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

18. "Manual discovery" Search for the device to be added. The device will be added to the device list.

19. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

20. "Manual discovery" Search for the device to be added. The device will be added to the device list.

21. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

22. "Manual discovery" Search for the device to be added. The device will be added to the device list.

23. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

24. "Manual discovery" Search for the device to be added. The device will be added to the device list.

25. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

26. "Manual discovery" Search for the device to be added. The device will be added to the device list.

27. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

28. "Manual discovery" Search for the device to be added. The device will be added to the device list.

29. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

30. "Manual discovery" Search for the device to be added. The device will be added to the device list.

31. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

32. "Manual discovery" Search for the device to be added. The device will be added to the device list.

33. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

34. "Manual discovery" Search for the device to be added. The device will be added to the device list.

35. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

36. "Manual discovery" Search for the device to be added. The device will be added to the device list.

37. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

38. "Manual discovery" Search for the device to be added. The device will be added to the device list.

39. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

40. "Manual discovery" Search for the device to be added. The device will be added to the device list.

41. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

42. "Manual discovery" Search for the device to be added. The device will be added to the device list.

43. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

44. "Manual discovery" Search for the device to be added. The device will be added to the device list.

45. "Automatic discovery" Search for the device to be added. The device will be added to the device list.

46. "Manual discovery" Search for the device to be added. The device will be added to the device list.

Thermostat User Guide

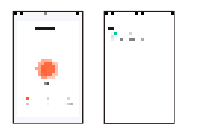
The system automatically determines the current country/region, or you can manually select the country/region, enter your phone number or email address, and click "Get the Verification Code." Enter the received verification code. Then enter the password. Click "Finish" to register successfully.



⑩

Thermostat User Guide

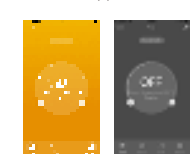
In this case, the APP for the network configuration process is shown in Figure 1, and the network configuration successfully displays the interface shown in Figure 2. The device name will be displayed in the device configuration page for modification, and the device's function can also be selected.



⑪

Thermostat User Guide

4. Thermostat APP interface display



⑫

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.