

TGR86 WIFI THERMOSTAT USER GUIDE



THIS THERMOSTAT IS SUITABLE FOR WATER HEATING, ELECTRIC HEATING AND GAS BOILER

Welcome

Thank you for your trust and support. By adopting higher-end technology and more perfect technology, your new thermostat will provide you with the right temperature environment every day in the future, making your life more comfortable and your living environment more stylish and beautiful. For detailed instructions on the installation and use of this thermostat, please read this manual carefully. Please contact a professional to install the thermostat for you and install and use the product to the extent permitted by law.

Application

Intelligent digital temperature controller is a floor heating system suitable for room temperature control and household temperature control. It controls the operating state of the floor heating equipment by comparing the ambient temperature with the set temperature, which improves comfort and achieves energy saving. This digital temperature controller adopts microcomputer control technology and is equipped with full-screen display touch buttons, which is elegant in design and easy to use. The thermostat has manual automatic, programmable and state memory functions.

Product packaging

Thermostat host	1 PC	Qualification certificate	1 PC
Sensing line (optional)	1 PC	Manual	1 PC
Screw	2 PCS		

Product Model

WP Plumbing 3A

EP Electric Heating 16A

WPB linkage, gas boiler 3A

User Notes

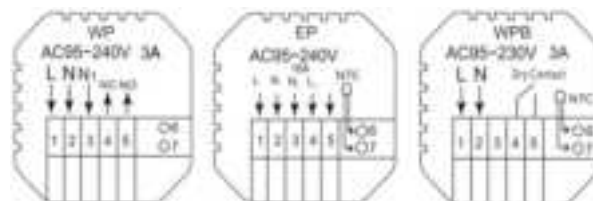
1. Please read this manual carefully. Improper operation may damage the product or cause dangerous conditions.
2. The installation personnel must be well-trained and experienced service

technicians.

3. After installation, please read this manual carefully and operate the product according to the instructions.

Caution: Risk of electric shock or equipment damage.

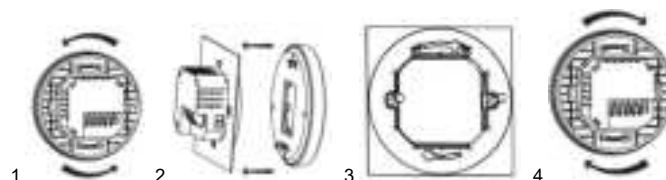
Wiring Diagram



Note: WP for water heating; EP for electric heating; WPB for gas boiler

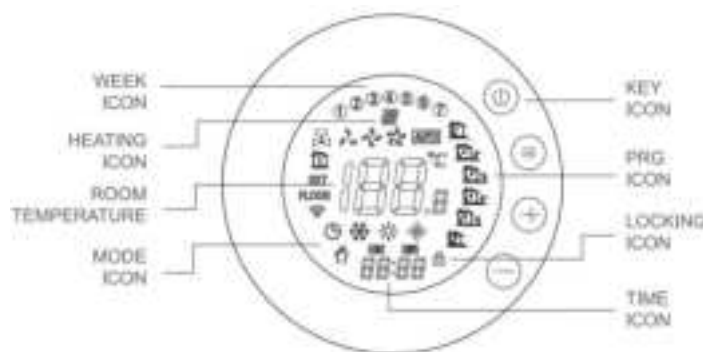
Installation procedure

This product is installed with a standard 86 control switch (in compliance with European regulations).



1. Slide the mounting plate upward in this direction.
2. Remove the mounting plate in this direction.
3. Fix mounting plate to cassette with screw.
4. After installation, buckle the product in this direction.






Description of display & Icon
















Operating Instruction



1. Power on/off: press to turn on/off the thermostat.
2. Press the key to switch between manual and automatic modes.
3. In the automatic mode, press or to adjust the temperature to enter the automatic temporary mode. This mode runs for only one session.
4. Long press key and key to enter the clock setting, press key to switch Settings Item, press and keys to adjust the value of each parameter. Note: the time of WIFI model will be Automatically gets Internet time
5. Press and for 5 seconds to add or cancel the child lock.
6. WIFI link: When the thermostat is on, long press button for 5 seconds and the thermostat display will come out Now the WIFI icon flashes, at this time the thermostat into the state of code.





Time programming instructions



Press and hold the  key to enter the programming setting, short press the  key to switch the option, press the  key or  key to adjust each option parameter, and press the  key to exit and save.

KEY	OPTION	ICON	TIME	ADJUST	DEFAULT	ADJUST
	workday	1 	06:00		20℃	
		2 	08:00		15℃	
		3 	11:30		15℃	
		4 	12:30		15℃	
		5 	17:00		22℃	
		6 	22:00		15℃	
	Holiday	1 	08:00		22℃	
		2 	23:00		15℃	

Advanced options

When POWER OFF, press the  key and the  key for 5 seconds to enter the advanced option setting.

Press  to enter the next option, press  and  to adjust, and press  to exit the height Level option.

Display Code	Function	Setting And Options	Factory Defaults
01	Temperature calibration	-9.9-9.9℃	-1℃
02	Sensor selection	IN:Use the internal sensor OUT:Use the external sensor ALL: Use both internal and external sensors.	IN
03	Measured temperature extreme value Modification	35-60℃	60℃
04	Temperature hysteresis	0.5-10℃	1℃
05	Antifreeze function	OFF:Close anti-frozen ON:Open anti-frozen	OFF
06	Weekly programming mode setting	7: 7 working days 6: 6 working day+1 rest day 5: 5 working day+2 rest day OFF: turn off programming	5
07	Primary and secondary reverse selection	00:close the main and auxiliary reversal 01:auxiliary reversal	00
08	Backlight brightness	00 : turn off the backlight 01 : low brightness 02 : medium brightness 03 : high brightness	03
09	Set temperature upper limit	15-95℃	60
10	Sound	ON:turn on the sound OFF:turn off the sound	ON
11	Power outage memory function	00 : Thermostat switch status is the same as before power failure 01: Thermostat opens after power restoration 02: Thermostat closed after power restoration	00
12	Restore factory defaults	long press  button to adjust the display "---", press  button to restore the factory settings	-

About WIFI connection

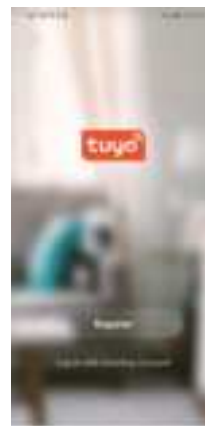
Before using the WIFI thermostat for the first time, you should set the WIFI signal and configuration through your smart phone or tablet to allow communication between your connected devices.

1. Download the APP

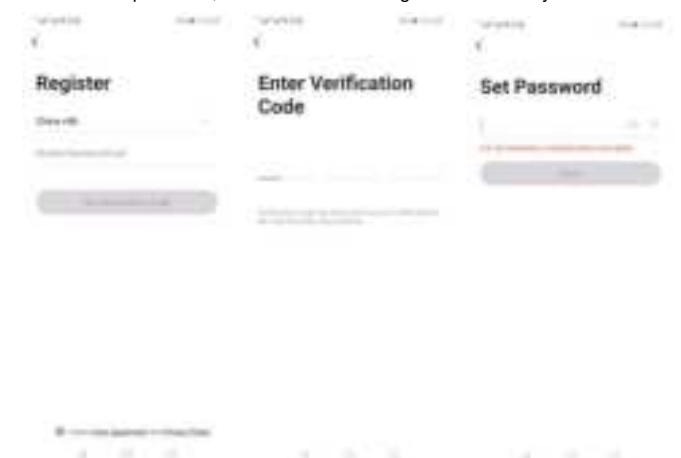
Search for "Tuya" in App market or scan below QR Code to download



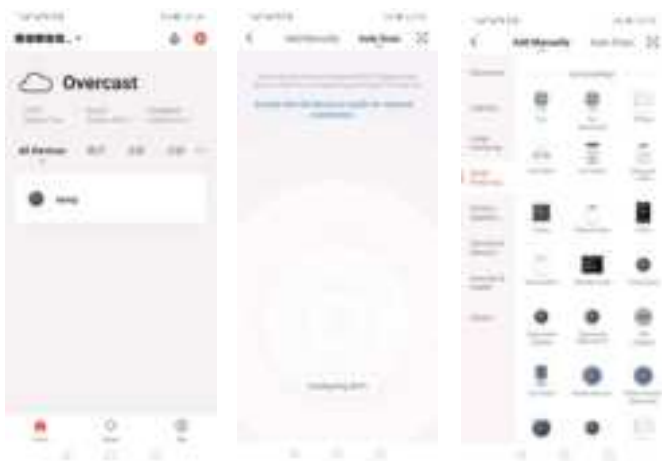
2. Register Account If you don't have an APP account yet, you can choose to register or log in via SMS verification code. Click "Create a new account", you will enter the Tuya Smart Platform Privacy Policy page. After you click Agree, you will officially enter the mobile phone registration page.



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.

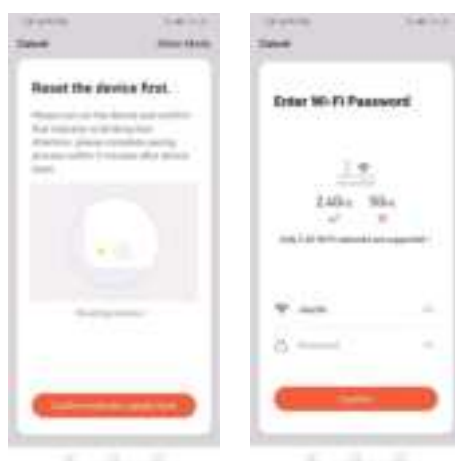


3. Add device Click "add device" or "+" on the top right of the APP homepage to enter the "add device" page. Currently, there are two ways to manually add device and search device.



Find the thermostat product (WIFI model) in the device list. In the specified network mode, the indicator flashes (slowly flashes) and then click the confirm button on the page. Select the device's work area to connect to the WIFI of the Internet and enter the WIFI password. Click "ok" to enter the matching network process.

4. Display of temperature controller APP interface



If the default mode distribution network is selected, the distribution process APP is shown in figure 1 below, and the distribution network successfully displays the interface shown in figure 2. The name of the device can be changed or the location of the room can be selected.



If the distribution network fails, the APP will display the page shown in the figure below. You can choose to add or view the help again. Note: if the connection fails, please confirm whether the temperature control device has entered the code matching state, refer to item 6 of the operation manual.