



BEOK TDR89 Wifi Heating Thermostat Instruction Manual

[Home](#) » [BEOK](#) » BEOK TDR89 Wifi Heating Thermostat Instruction Manual 

Contents

- 1 BEOK TDR89 Wifi Heating Thermostat
- 2 Product Summary
- 3 Technical Parameter
- 4 Main Functions and Characteristics
- 5 User Interface Explanation
- 6 User Interface Explanation
- 7 Model Spec
- 8 Wiring Diagram
- 9 Thermostat Operation Instruction
- 10 Phone Port Operation Instruction
- 11 Install APP on phone
- 12 Register Account
- 13 Add device
- 14 Thermostat APP interface display
- 15 Installation Instruction
- 16 ATT
- 17 Documents / Resources
- 18 Related Posts



BEOK TDR89 Wifi Heating Thermostat



Product Summary

TDR89 WiFi Heating Thermostat is WiFi touch screen thermostat with phone control. It is applied to temperature control of industrial, commercial and domestic room, and start of control heating appliances, especially floor heating systems. It can be controlled by phone. Phone systems are IOS and Android system optional.

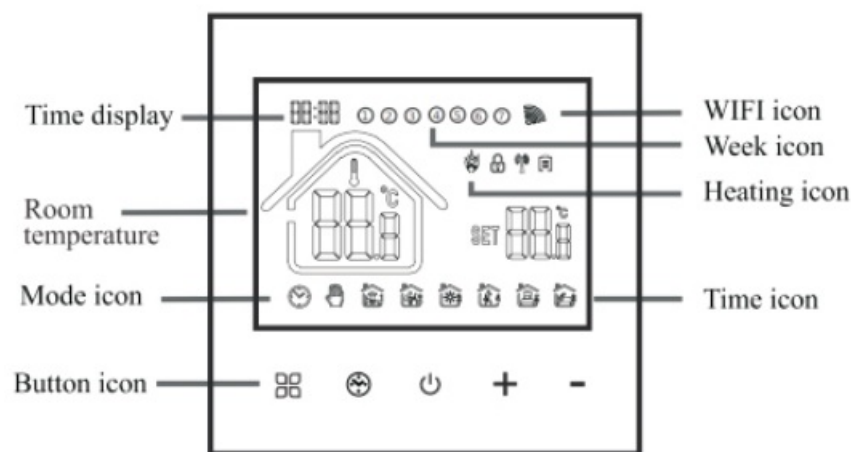
Technical Parameter

Power Supply	100 ~ 240V
Current Load	≤3A water heating/gas boiler) ≤16A(electric heating)
Power Consumption	<1W
External Material	PC+ABS (flame retardant
Sensing Element	NTC
Set Temp. Range	5-95°C
Floor Set Temp. Range	5-60°C
Accuracy	±1°C
Dimension	86x90x14mm
Ambient Temp.	0-45°C,5-95 RH(Non-condensing
Storage Temp.	-5~55°C
Timing Error	<1

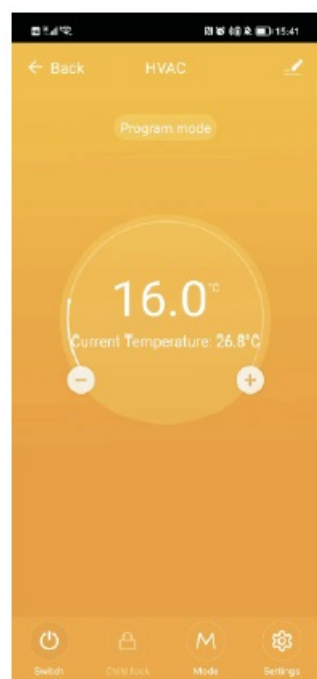
Main Functions and Characteristics

1. WIFI for Android & Apple iOS
2. Large screen display and touch button
3. Power-off memory function
4. Real-time data save function
5. 5+2 or 6+1or 7days six periods program schedule
6. Anti-freezing function
7. 3 sensor modes can be setting
8. Selectable 80mmx80mm European hidden box.
9. With child lock function

User Interface Explanation



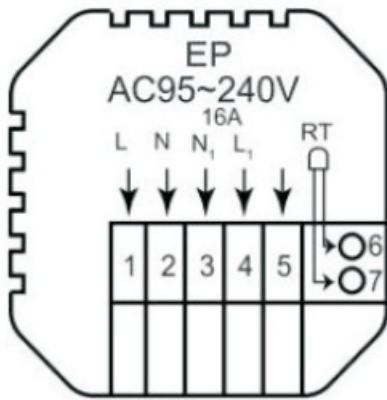
User Interface Explanation



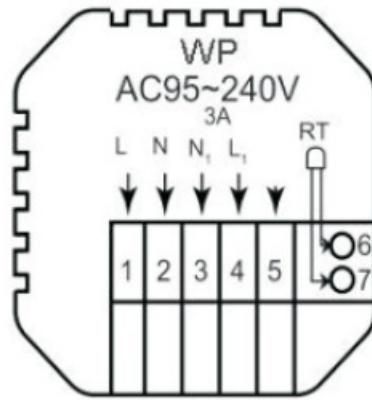
Model Spec

Model	Current Loading	External Sensor	Week Program	Controlled Objects
TDR89WIFI-EP	16A	✓	✓	For electric heating appliances
TDR89WIFI-WP	3A		✓	For water heating appliances
TDR89WIFI-WPB	3A		✓	For gas boiler

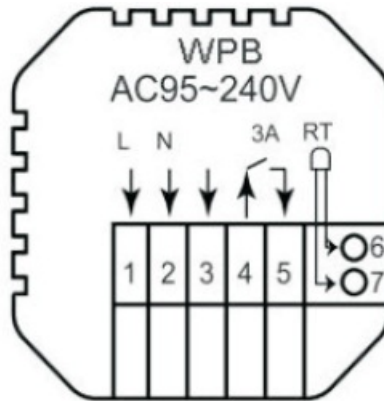
Wiring Digram



TDR89WIFI-EP




TDR89WIFI-WP



TDR89WIFI-WPB

Thermostat Operation Instruction


1. Setting Power on/off

- Press  to turn on/off the power.

2. Setting Temperature

- Press “+” or “-” to set the temperature.


3. Setting the Clock

- Long press  and “+” to set minute, hour and week.
- Press “+” or “-” for adjusting.








4. Setting the Manual Mode.









Manual mode means non-programmable mode.  will display in the screen, it is in manual mode. Press “+” or “-” to set the temperature.

5. Setting the Child Lock

- Long press “+” and “-” to enter into child lock mode,  will display.
- Long press “+” and “-” again, the child lock will be disappeared.

6. Setting the Programmable Mode.

- Press and hold  into programmable mode. 12345 and time will display. 12345 display in the position of week means 5+2;
- Press “+” or “-” to change the time.
- Press  to do the temperature adjustment.
- Press “+” or “-” to change the temperature;
- Press  to do the next period adjustment.
- Press  to exit and save.
- If you want to make temporary adjustment in any period, press “+” or “-”, then   will display. When finish the setting, all will confirm automatically.
- Press  to switch operation between manual mode and programmable mode.



	Period	Period Icon	Defaulted Time	Defaulted Temp.
Week	1		6:00	20°C
	2		8:00	16°C
	3		11:30	16°C
	4		12:30	16°C
	5		17:30	22°C
	6		22:00	16°C
Weekend	1		8:00	22°C
	2		23:00	16°C

Remark:

The defaulted temperature of period3 and period4 is the same as period2. Please change it according to the request.

Advanced Setting

In the state of power-off, press the  key and the  key for 5 seconds to enter the advanced option setting.

Press  to enter the next option, press “+” or “-” to adjust, and press  to exit.

Sensor error:

Please select the right sensor mode. If select the different mode or there is error of sensor, Err will display on the LCD screen, the thermostat will stop heating till the problem is solved.

Phone Port Operation Instruction

- Before 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.
- 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.

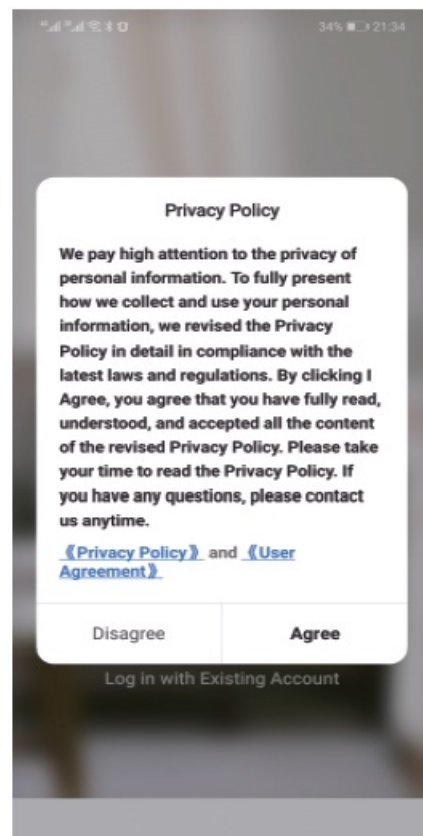
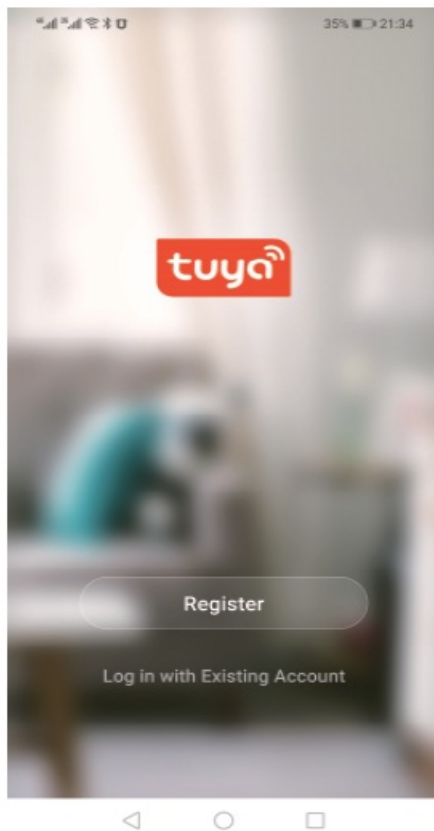
Install APP on phone

- **For iOS system:** Login in App Store, search “Tuya Smart”, you can download it on your iphone.
- **For Android system:** Login in Google Play, search “Tuya Smart”, you can download it on your phone. Or scan below code to download:

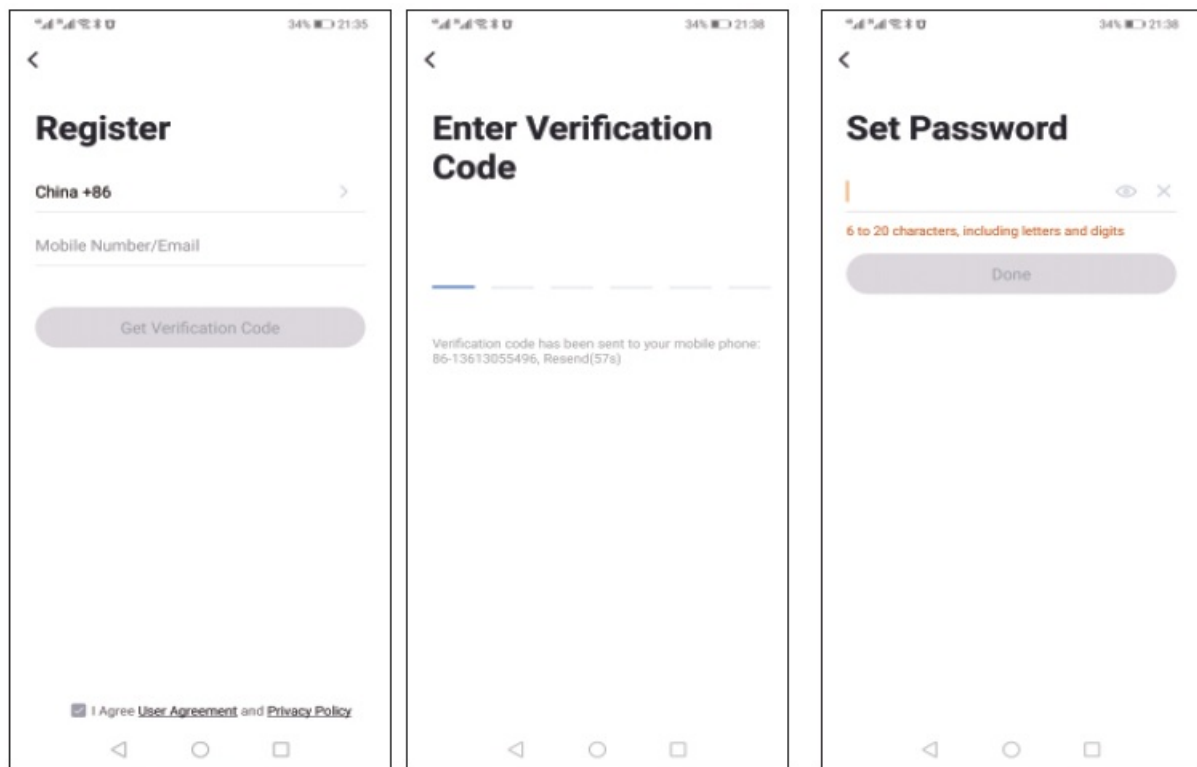


Register Account

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. If you do not have an APP account yet, you can choose to register or log in via SMS verification code. Click “Creat 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.



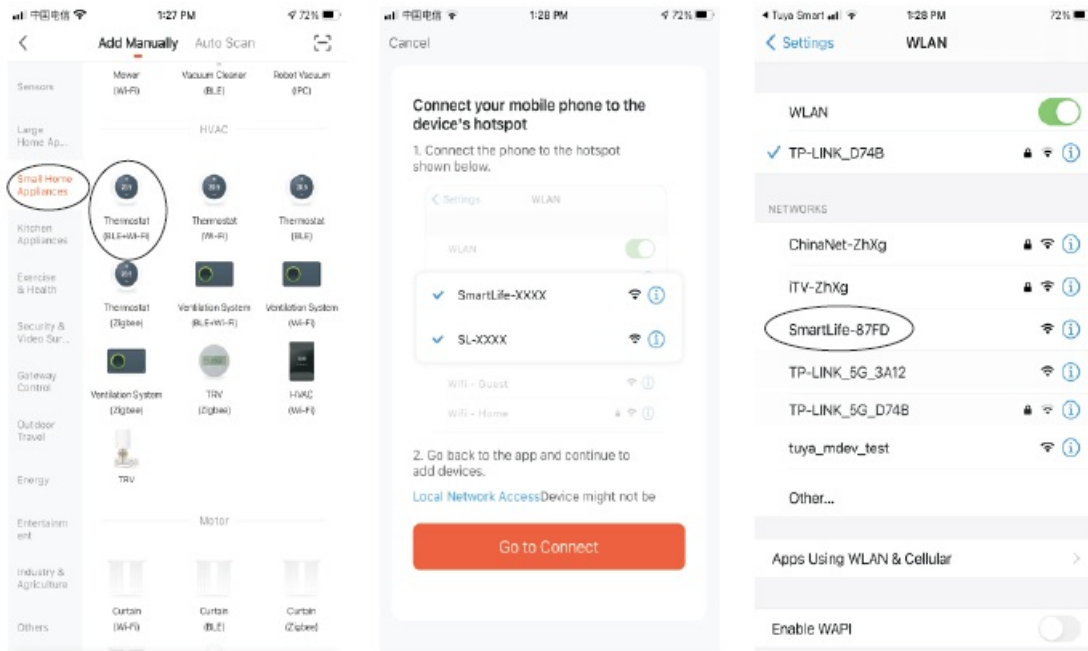
Add device

(Bluetooth connection)

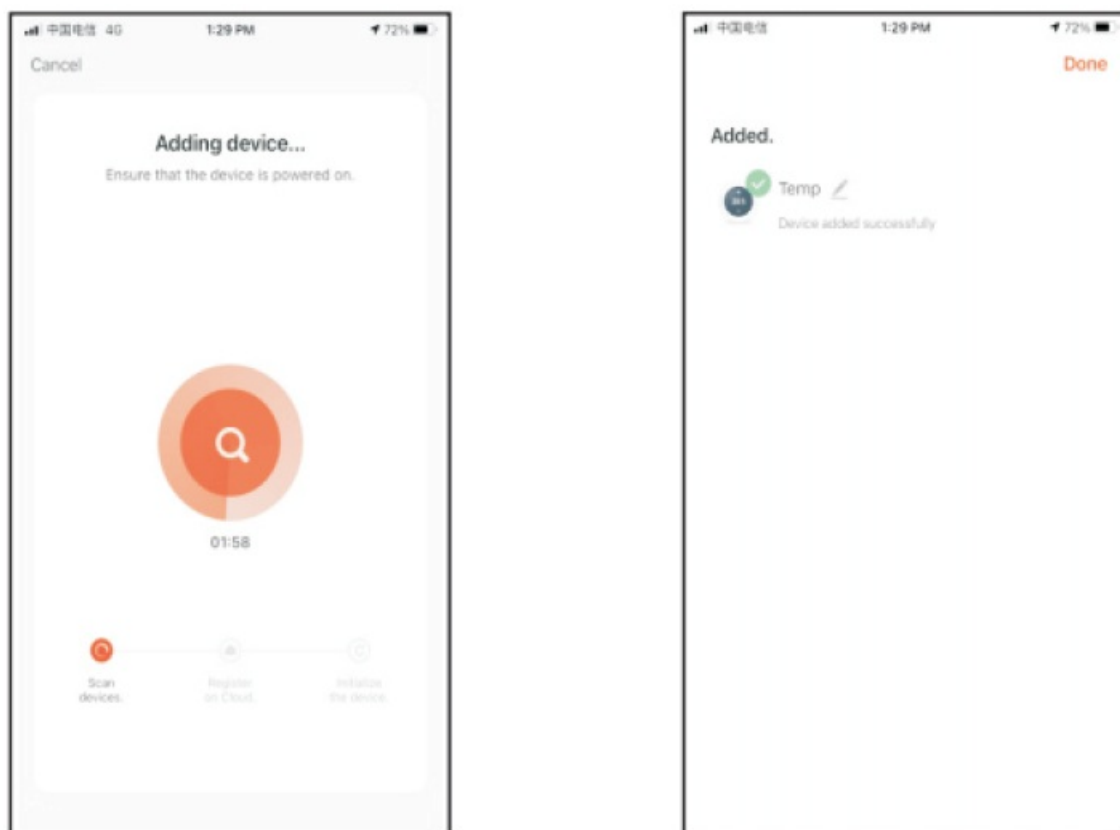
1. Turn on the mobile phone's Bluetooth, turn the device on and enter the Tuya APP. CLICK "Add Device" or "+" on the top right of the APP homepage to enter the "Add Device" page. It will prompt: find the device to be added (Figure 2) and follow the prompts.
2. "Automatic discovery": Search for devices (Figure 3), and add widgets as prompted on the phone page.

(WIFI connection)

When the thermostat is turned on, press and hold the button for 5 seconds, the thermostat display will show. Now, the WIFI icon flashes (slow flashing), and the thermostat enters the status of code matching. Find the temperature control product (Bluetooth + WIFI model) in the "small household appliances. In the specific network configuration mode, click the configuration button on the page, select the WIFI that can connect to the Internet in the working area of the device, and enter it. WIFI password, click "Next", click according to the page prompt (Figure 2), "Go to Connect", and follow the instructions to find the prompt content (Figure 3), click "Prompt content" and return to the Tuya APP to enter the network configuration process.

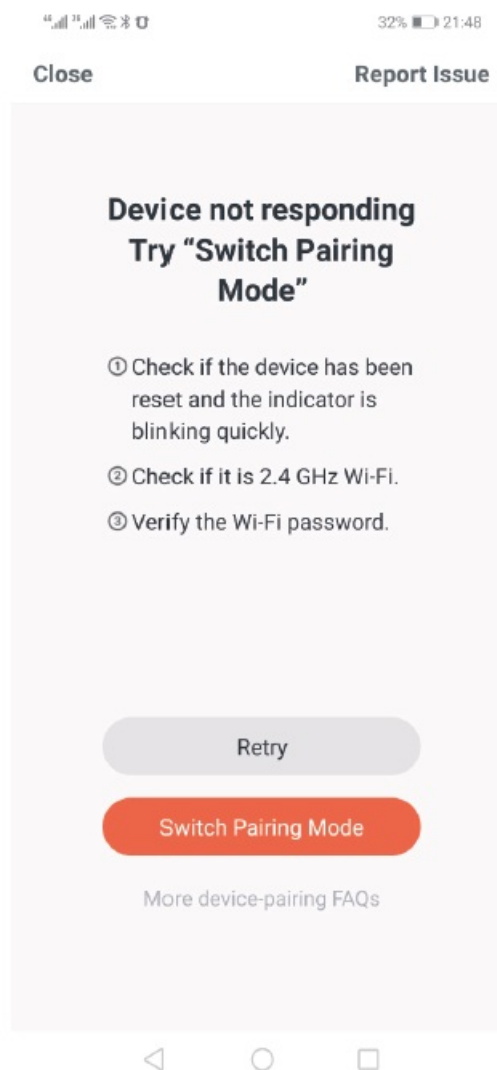


- In that case, the APP for the network configuration process is show (Figure 1), and the network configuration successfully display the interface (Figure 2). The device's name with successful network configuration can be modified and the room's location can be selected.

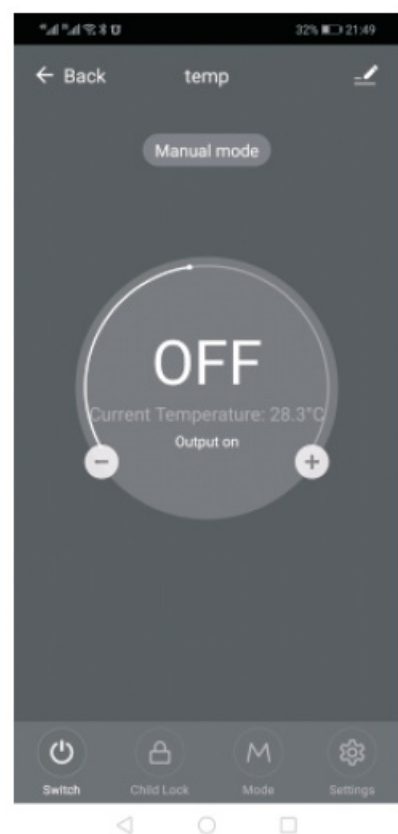
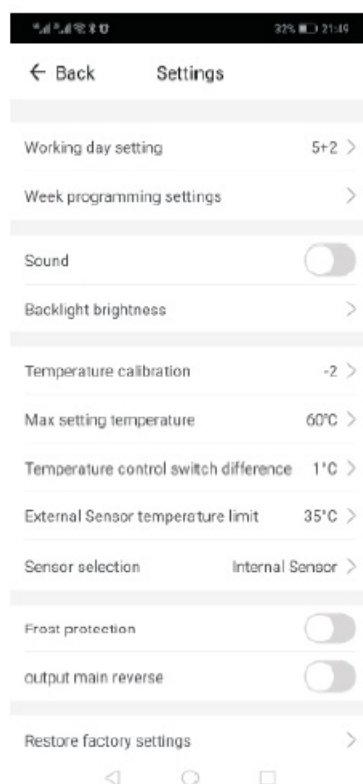


If the distribution network fails, the APP will display the page shown in the figure below. You can choose to add or view the help again.

Note: if the connection fails, please confirm whether the temperature control device has entered the code matching state.

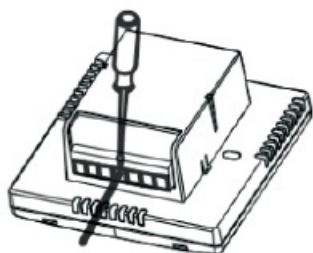


Thermostat APP interface display

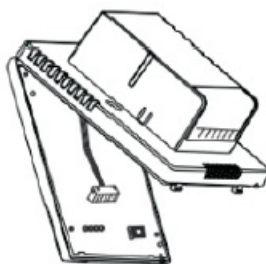


Installation Instruction

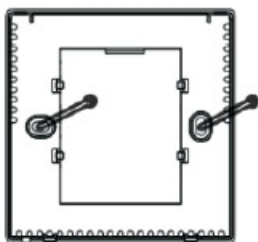
This product is suitable for standard 80*80mm wall box and 60 mm European round box.



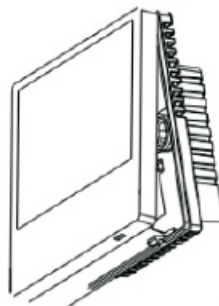
(1)



(2)



(3)



(4)

1. Connect the power box according to the wiring diagram.
2. Separate the power supply from the control board cable.
3. Screw the power supply into the box of 86.
4. Connect the power board to the board line, and align the buckle at 30 degrees to complete the installation.

ATT

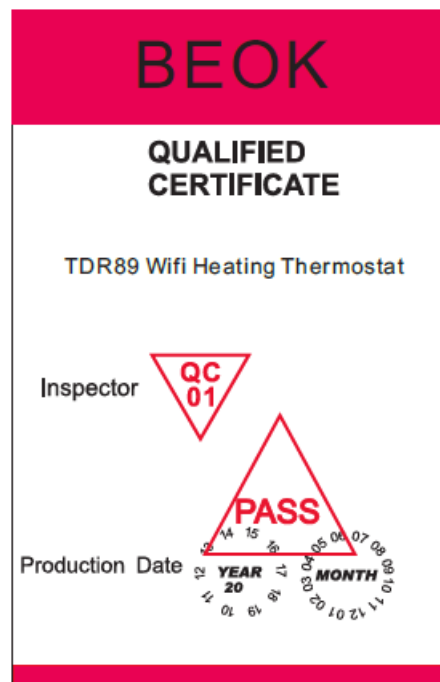
Thank you for buying this product! Please read this manual for complete instructions on installing and operating your thermostat. If you require further assistance, please feel free to contact us.

In the box you will find:

Model	TDR89WIFI-EP	TDR89WIFI-WP	TDR89WIFI-WPB
Thermostat	✓	✓	✓
User Manual	✓	✓	✓
Screws	✓	✓	✓
External sensor	✓		

Our Service:

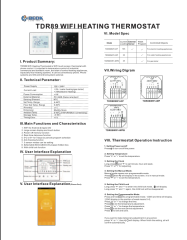
We offer the warranty of 24 months from the sales day. During the warranty, if it is belong to the quality issue, we will fix or replace them for you by free after test them. If it is not quality problem or beyond the warranty time, we will charge for the after-sales service.



WARNING

The symbol means the unit is being installed, it may cause electrical shock hazard during maintaining, so please make sure it is operated by the professional technical worker.

Documents / Resources

	<p>BEOK TDR89 Wifi Heating Thermostat [pdf] Instruction Manual TDR89 Wifi Heating Thermostat, TDR89, Wifi Heating Thermostat, Heating Thermostat, Thermostat</p>
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