

WIFI Low Voltage Thermostat

User Guide Model : TP808



About your new thermostat

This thermostat is used to control up to 3 stages heating and 2 stages cooling system with 8 types control system, EM heat activation, adjustable compressor delay time and O/B changeover. It is with tempered touch sensitive button, quick connecting terminals to save installer's time. 7 days programmable and four modes everyday make users' life convenient and comfortable.

Thermostat passed FCC standard.

Thermostat box you will find

Thermostat	Manual	Screws	QC pass certificate
✓	✓	✓	✓

Service

We offer the warranty of 18 months from the sales day. If it is not the problem of quality or beyond the warranty time, we will charge for the after-sale service.

Technical Data of your thermostat

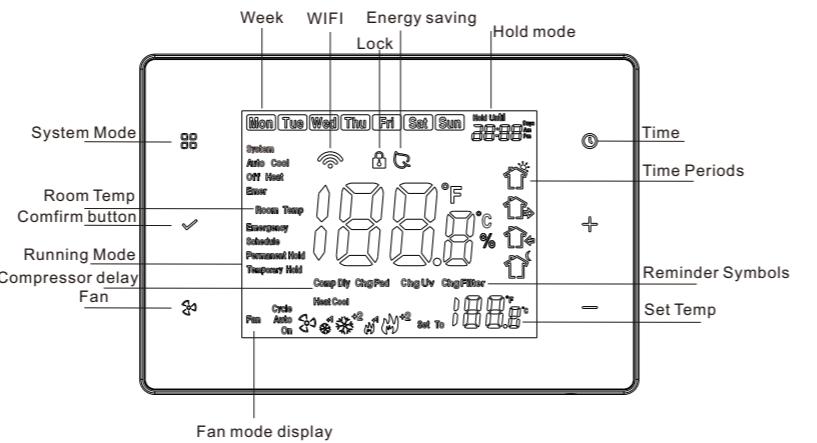
Sensor : NTC Accuracy : $\pm 1^{\circ}\text{F}$
 Temp. Range : 41°F - 95°F Power Consumption : <1.5W
 Timing error : <1%
 Power Supply : AC24V, 50~60Hz
 Current Load : Induction for fan: 3A;
 Resistive for fan: 5A
 Shell Material : PC (Fireproof)
 Dimension : 86x86x13.3mm
 Installation box : 86*86mm or European 60mm
 Ambient Temp. : 0 $^{\circ}\text{F}$ ~113 $^{\circ}\text{F}$, 5~95%RH(Non condensing)
 Storage Temp : -41 $^{\circ}\text{F}$ ~140 $^{\circ}\text{F}$

Features of your thermostat

- ◆ Apply with various kind of heating and cooling system. Including Single stage, Multi-stage And Heat Pump (Up to 3-stage heat, 2-stage cool, with Aux. Or Emergency heat)
- ◆ Wireless WiFi: APPs for iOS and Android devices.
- ◆ Voice control: Work with Amazon Echo and Google Assistant.
- ◆ 4.3" LCD display with backlight

- ◆ 7days 4 time periods scheduling. Set the target heating and cooling temperature respectively.
- ◆ Both Vacation mode and hold duration mode available for comfort and energy saving
- ◆ Temperature display of Celsius or Fahrenheit scale

Home screen quick reference



Operation

ⓐ :Switching System Mode

Short press ⓧ button to select system mode: HEAT, COOL, AUTO, EMER, OFF.

ⓑ :Confirm button

Press this button to confirm your settings. Press again to select Schedule, Permanent Hold and Energy saving.

ⓒ :Fan Mode

Press this button to select fan on, auto and cycle.

Setting the time

When connecting the thermostat to Wi-Fi, the time will sync automatically. If not connecting to Wi-Fi, Press ⓪ to set second-hour-week.

Auto Mode

Short press ⓧ button to select Auto. Short press ⓧ button to enter AUTO mode.

ⓓ :Setting the Lock

Press and hold + - button at the same time over 7seconds to lock/unlock your thermostat.

WIFI reset

Long press ⓧ seconds to reset WIFI when power off.

Check external sensor temperature (external sensor only)

Press + and ⓪ to check external sensor temperature.

Setting a Schedule

When connecting the thermostat to Wi-Fi, the schedule is programmed based on time and temperature set points from the Sensi app. If you are not connecting to Wi-Fi, follow these steps to set a basic 7 day schedule with 4 mandatory set points. Long press ⓪ button above 7seconds to enter weekly program function. Short press ⓪ button to set week-hour-cool temperature-heat temperature, Short press ⓧ to return back. Press + - to set the parameters. Long press + - at the same time over 7seconds to go back factory weekly program settings.

Example Schedule

Week	Period	Get up	Go outside	Go home	Sleep
		Time	6:00	8:00	18:00
Mon-Sun	Cool Temp	79°F	83°F	79°F	83°F
	Heat Temp	72°F	61°F	72°F	61°F

Wiring Diagram

RH: Power for heating, 24V

RC: Power for cooling, 24V

G: Indoor blower (fan)

S: Connect to S on C-wire adapter

O/B: Changeover (reverse valve) connection for heat pump or zone panel systems

Y: First outdoor stage cooling on conventional systems or first heat and cool on heat pump systems

Y2: Second outdoor stage cooling on conventional systems or second heat and cool on two stage heat pump systems or humidifier

NTC+: Outer Sensor+

NTC-: Outer Sensor-

C: Common wire, 24V

W/AUX: First indoor stage heat on conventional systems or first stage auxiliary

W2/E: Secondary indoor heat for conventional systems emergency heat on heat pump systems

Short press fan button to select cycle. Press ⓪ to confirm this function running.

If you want to circulate the air in your home using your indoor blower fan, you can set this feature at the thermostat. A percentage is selected to indicate how often the fan should run each hour. You can set 5% increments from 10% – 100%.

EXAMPLE:

If you set the Circulating Fan to 50%, the fan will run 30 minutes every hour.

If any heat/cool cycles occur during the hour, their runtime is subtracted from the overall fan run time

Item 21 Select UV lamp replacement run time

This is the reminder to change UV lamp. Select starts to counting for 0 day to 360 days. The thermostat will display "Chg UV" when UV time (Xxdays). APP will also reminder

Item 22 Chg pad replacement run time

This is the reminder of replacement run time of Chg pad. Select starts to counting for 0 day to 360 days. The thermostat will display "Chg Pad" when Chg pad (XXdays). LCD will display. APP will also reminder

Item 23 Chg Filter replacement run time

This is the reminder of replacement run time of Chg Filter. Select starts to counting for 0 day to 360 days. The thermostat will display "Chg Filter" when Chg Filter (XXdays). LCD will display. APP will also reminder

All these three items you could check according to bellow steps.

Long press Menu button over 7seconds to enter check page. Short press menu button to next item. Press + and - button over 7seconds to reset.

Sensor broken

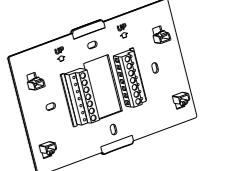
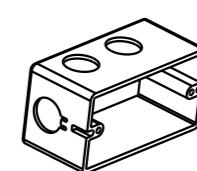
Er1:Inner sensor broken or not work

Er2:External sensor broken or not work

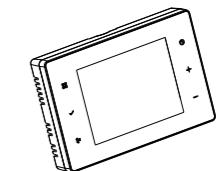
Installing your thermostat

This product is suitable for US standard wall box.

1. Connect the wire of power and other equipment into the terminals. Fix the wall plate into the wall box by a screwdriver.



2. Connect the LCD board into the wall plate



WARNING: Please arrange the professional technician to install this product according to installation drawing and instruction.

RISK OF ELECTRICAL SHOCK. Disconnect power supply before making electrical connection. Contact with components carrying hazardous voltage can cause electrical shock and may result in severe personal injury or death.instruction.

Note:

Item 4: Circulating fan

WIFI Connection and app use explanation

Please try to make sure the router or modem closely with your mobile phone when first time to connect WIFI with your smart thermostat . This will help you connect WIFI sucessful more fastly.

Step 1. Please download the App (Fig1-1, Fig2-2)



Fig 1-1



Fig1-2

For IOS devices could search "Tuya Smart" or "Smart Life" app in app store. Or scan the QR code above(Fig1-1, Fig2-2)

For Android devices could search "Tuya Smart" or "Smart life" app in google play store. Or scan the QR code above(Fig1-1, Fig2-2)

Step 2. Register your account

Open "Smart Life" app. You will get a notification (Fig 2-1), Click Agree to go into your page of register (Fig 2-2). Press register and enter your phone no. or email (Fig 2-3) then you can get a verification code (Fig2-4). Set your password and confifirm (Fig 2-5) to complete your registration..If you have account, please log in.

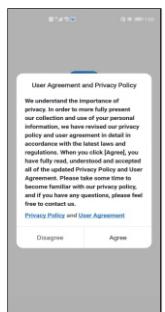


Fig 2-1

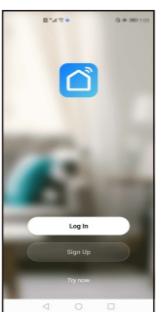


Fig 2-2



(Fig2-3)



(Fig2-4)



(Fig2-5)

EZ MODE WIFI connection

1. Please make sure your thermostat is power off. Press the comfirm button over 7seconds. The icon will flash one time per 0.5 second.

Then go to the app page see the picture (Fig3-1) bellow press "Add device" or "+" in the upper right to add your device. Choose- small appliance device-add manaully -Thermostat (Fig3-2). Then enter your wireless router name and password(Fig3-3) comfirm next. Click Confifrm indicator rapidly blink comfim next button (Fig 3-4). The app will connect automatically (Fig3-5) . This will take 10seconds to connect sucessfully (Fig3-6)



Fig3-1

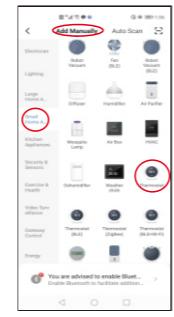


Fig 3-2

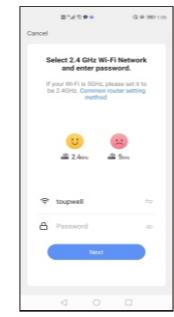


Fig 3-3

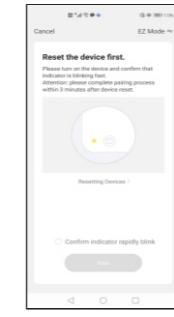


Fig3-4



Fig 3-5



Fig 3-6

AP MODE wifi connection

1. On your thermostat

Please make sure your thermostat power is on. Press button the wifi symbol flash one time per second.

Click Confirm indicator slowly blink (Fig 4-1) then select your network and back to your app to enter the password of your wireless router (Fig 3-3) and confifirm. The app will go into the page in (Fig 4-2). Press Go to connect to select the wif signal Smartlife-XXXX of your thermostat (Fig 4-3) . Then Go back to your app the app will connect automatically(Fig3-5).This will take 12seconds to connect sucessfully (Fig3-6)

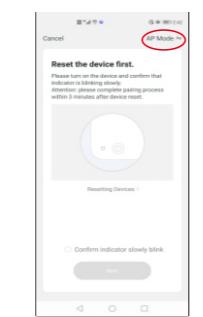


Fig4-1



Fig4-2

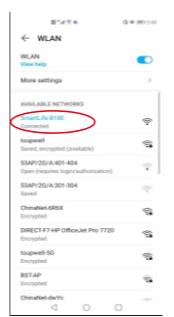


Fig4-3

App Buttons explanation

When you thermostat connect sucessfully. The page will same as (Fig 5-1).

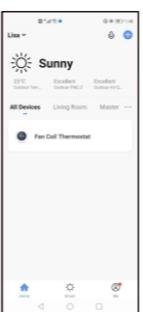


Fig5-1

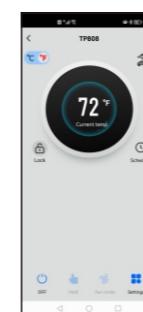


Fig5-2



Fig5-3



Fig5-4



Fig5-5



Fig5-6



Fig5-7

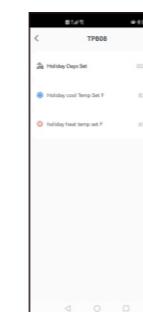


Fig5-8

Where to connect with third party access service-Voice control?

You could click ME in the right corner button to enter me (Fig6-1) select voice contro Alexa.Google.Yandex alice , Smart things etc.(Fig6-2)

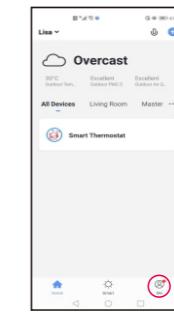


Fig6-1

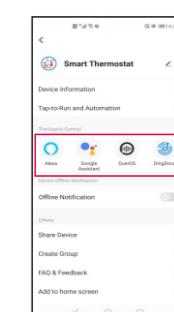


Fig6-2



Fig6-3

How to share devices and creat group?

You could also Click in the upper right corner to select " share devices" and "creat group" with your family. See page (Fig6-3) Choose the "smart" button. Customize your own personal scenes to suit your needs.

Thermostats Trouble Shooting

NO.	Phenomenon	Handling method
1.	Room temp is little different from the actual temp	You could use thermostat temperature compensation to change the temp to be the same
2.	When the thermostats show ERR	This means you need to connect your external sensor
3.	Power on but not display	Please check weather you connect correct wires or your thermostat is connect well.

Step 3 Connect WIFI signal with thermostat

Note: There are two WIFI signal connection way to your thermostat, EZ mode and AP mode Default is EZ mode(AP mode is slowly connection way, do not suggest to use)

(Fig2-3)

(Fig2-4)

(Fig2-5)

Child lock: Select lock/unclock your thermostat.

Settings : You could select temperature compensation,Min temp.Max temp and back to factory setting etc.see page(fig5-7).

Vocation Setting: Select you could setting Holiday days,Heat temp and cool temp(fig5-8)

C/F: In the left corner.You could easy to change temperature in C or F(fig5-2)

FCC WARNING

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.