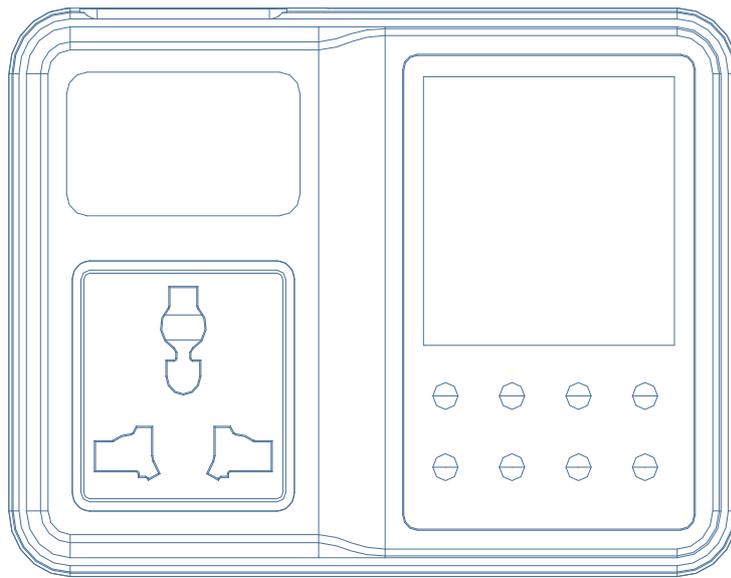


WIFI Thermostat Product Manual

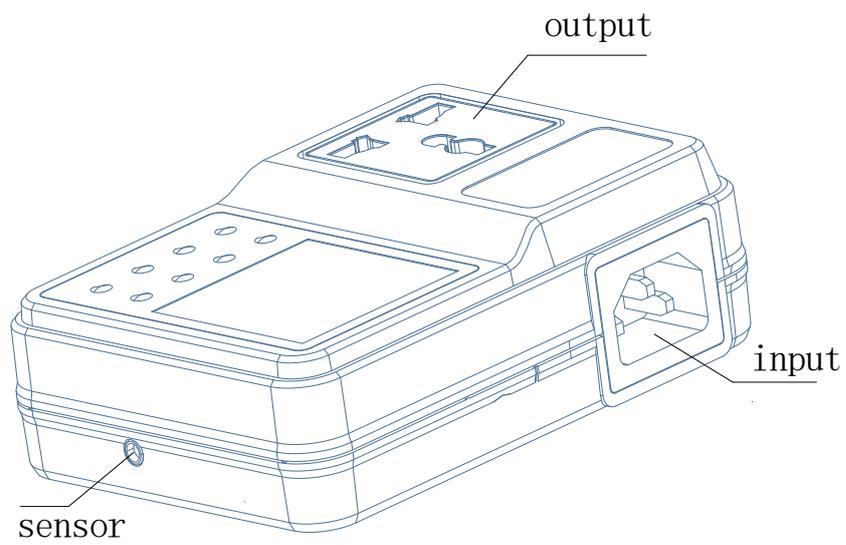


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Technical support: Engineer Tian

① Installation size:



② Wiring diagram:



Preparation before use

1: Prepare a smart phone to install IOS or Android system, covering the WIFI signal environment

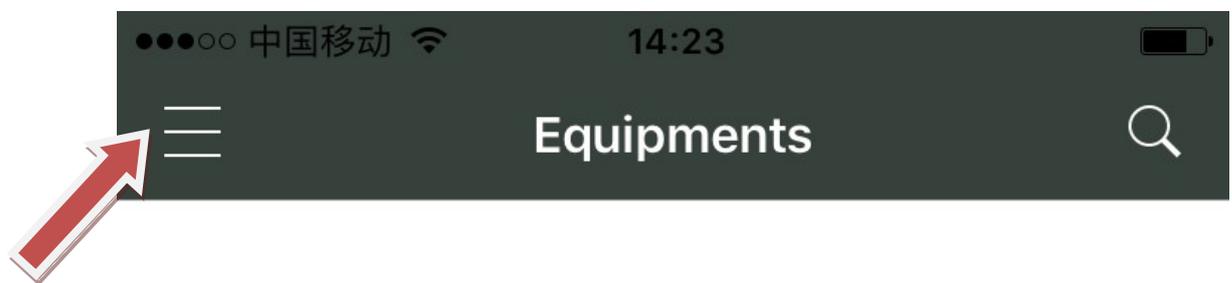
2: Android system user scan two-dimensional code download applications APP.

IOS system users to Store WH1436 search APP, download the application APP

3: Power up the device, press UP and DOWN hold more than 3 seconds, when the display -P--. and wait for the device to restart.

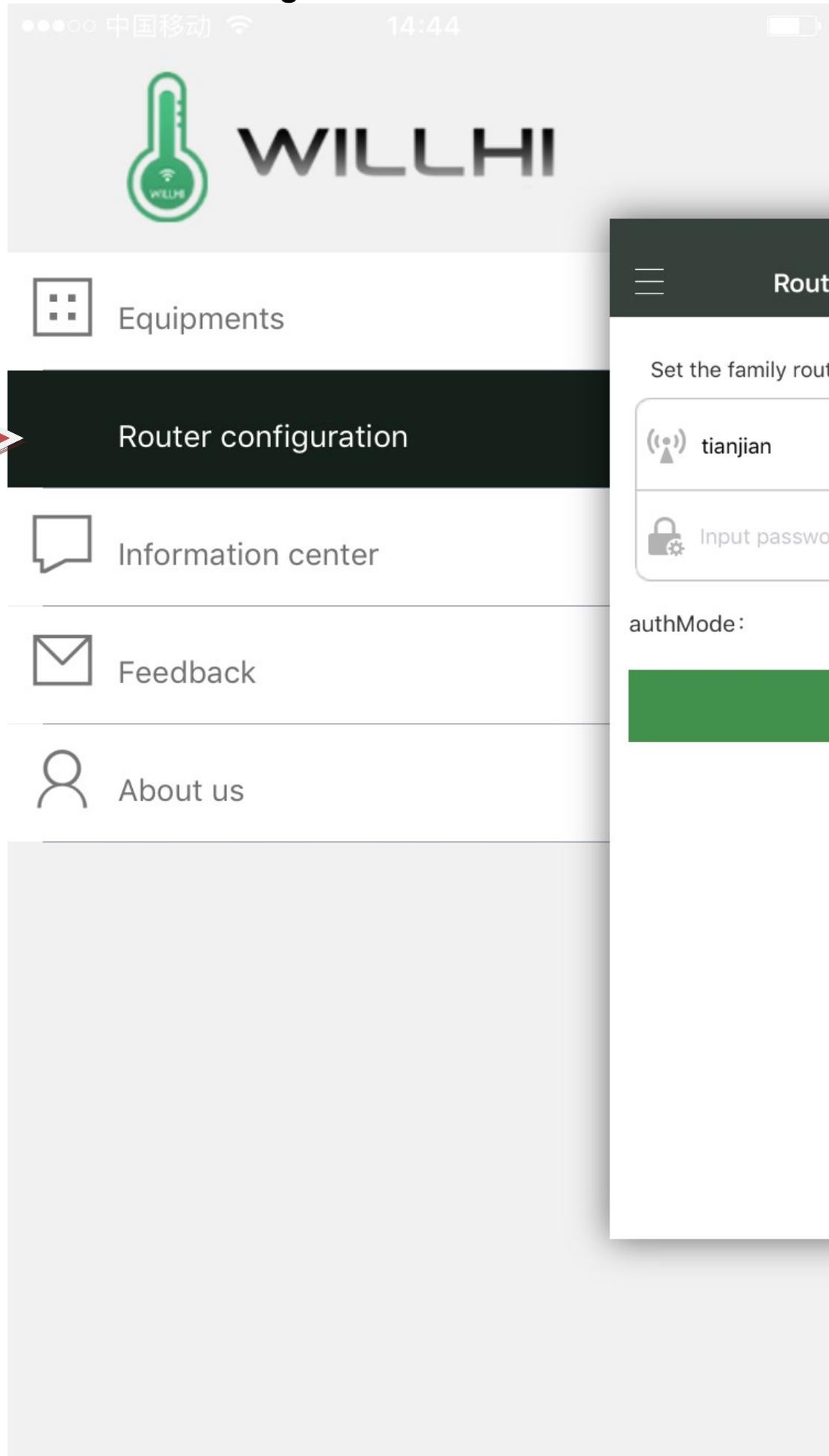
4: Mobile Internet access is set to WIFI, so that it can use WIFI internet.

Open APP, click on the top left corner of the menu icon

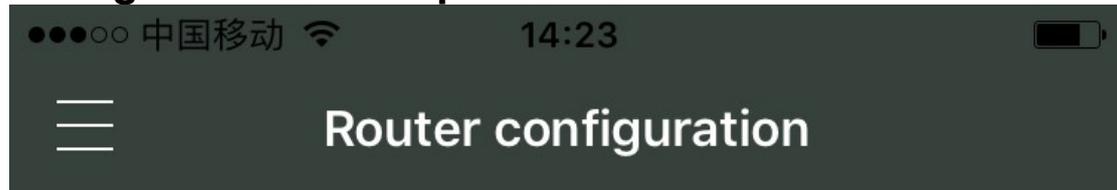


No device

Click Router configuration



Enter the WIFI password and click ok. Wait for configuration to complete.



Set the family routers scanning equipment

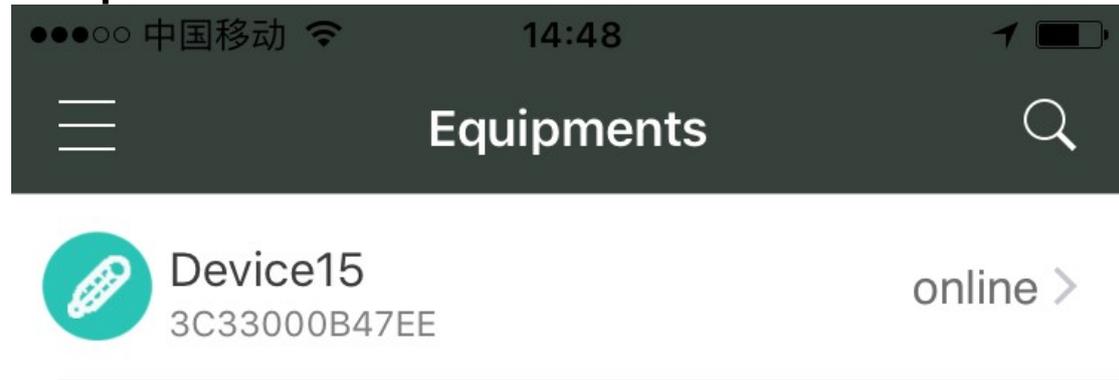
Form containing a Wi-Fi icon and the text 'tianjian', and a lock icon with the text 'Input password' and a toggle switch.

authMode:

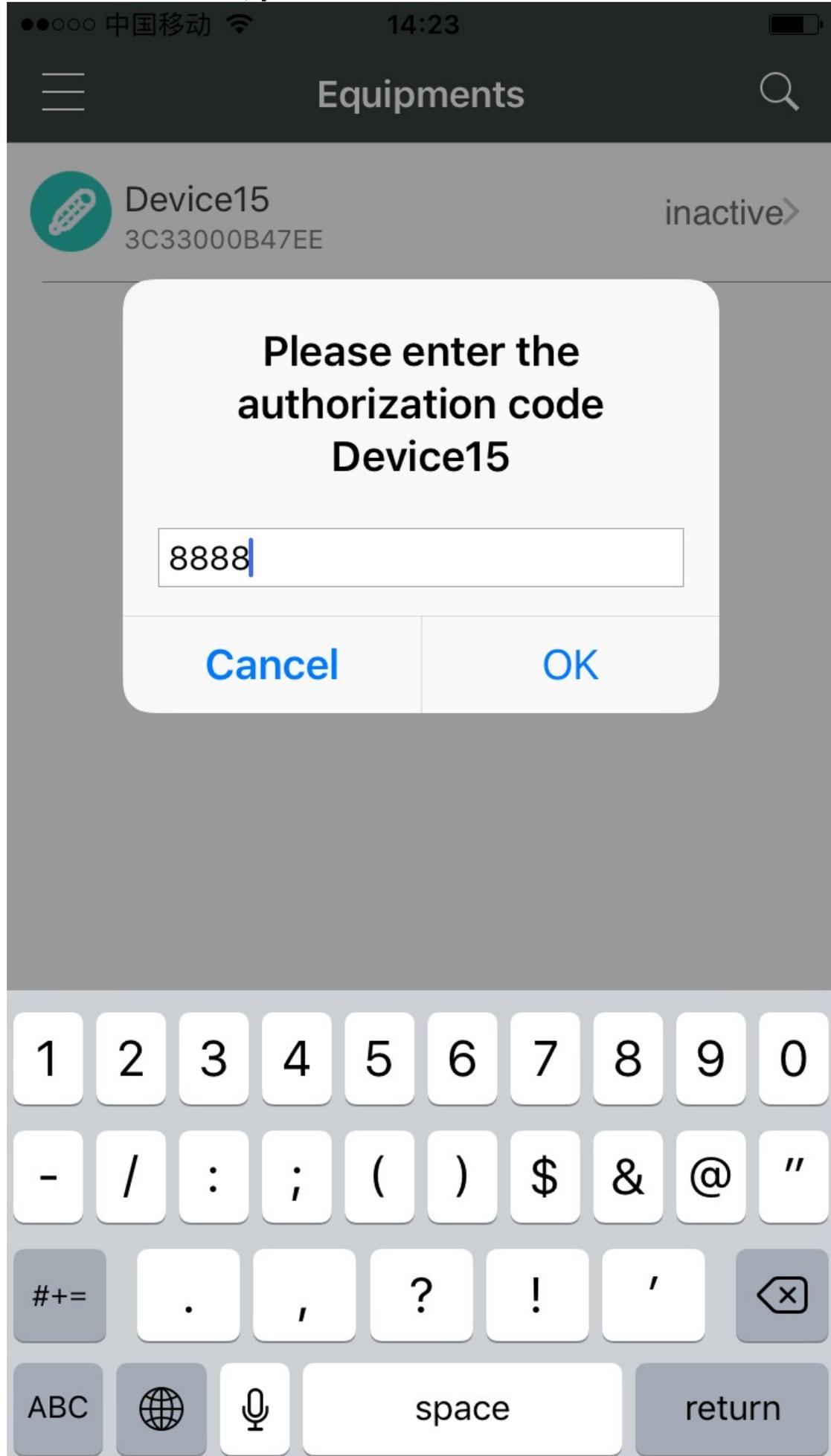
WPA-PSK WPA2-PSK



Device list shows the current device configuration is complete.



For the first time, please enter the activation code: 8888



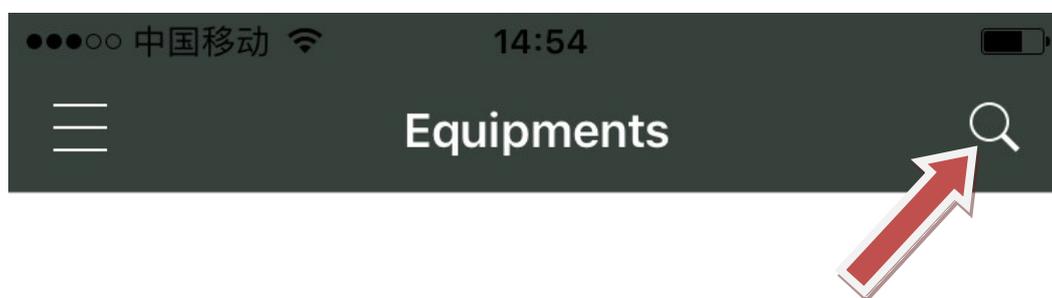
One phone can manage multiple devices, as well as the configuration method.

A device can also be controlled by a number of mobile phone.

If the device has been bound to a good cell phone, you need to add another cell phone control, the method is as follows:

1: the newly added mobile phone is set to WIFI Internet access, and connected to the WIFI.

2: click on the upper right corner of the APP search symbol.



No device

enter the activation code: 8888

◆LED Status Description:

The **WORKING** light is used as working indicator lights, flashing is to indicate the delay of cooling or heating, if the LED is always on, it indicates it is on the status of cooling or heating .

The **SET** light is used as setting indicator lights, if the LED is always on, it indicates it is on the status of setting.

◆Turn on or off the thermostat:

When it is wired up, the state of being acquiescent is power on.

Press "POWER" key to switch on and off, press the "POWER" key once on the power-off state to turn it on. On the power-on state, press the "POWER" key and hold on for three seconds, then it will be off.

◆temperature control setting:

In the Standby mode, press the "SET"key once to enter the temperature control setting, press "UP" or "DOWN" button to adjust, press "UP" or "DOWN" button and hold on for three seconds to enter the fast adjusting mode, press the "SET" key again and back to the standby mode.

◆system menu settings:

Press "SET" key and hold on for three seconds to enter the controlled-parameters setting, press the "UP" or "DOWN" key to select the adjustment menu, press "SET" key once to enter the appropriate parameter settings, press "UP" or "DOWN" to adjust the parameters needed to be modified. After being adjusted, press the "POWER" key to exit, or exit as the system delay for 5 seconds.

◆ Menu code statement:

Symbol	Details	Remark
HC	Heating / cooling	H= Heating C= cooling
D	Difference	
LS	The minimum set limit	
HS	The maximum set limit	
CA	Temperature calibration	
PT	Delay time	Minutes
AH	High temperature alarm settings	
AL	low temperature alarm settings	

◆Cooling, heating function:

Cooling Mode: When the measured temperature is higher than or equal to the set value + Difference, the relay picks up to start the output; When the measured temperature below the set value, the relay off and close the output.

Heating mode: When the measured temperature is higher than or equal to the set value, the relay off, turn off the output; When the measured temperature below the set value - Difference, the relay picks up to start the output.

Example for Setting: If it is set to heating mode, set the temperature to 25 degrees, Difference is set to 5, then when the measured temperature is higher than or equal to 25 degrees, the relay is off, close the output. When the temperature is below 20 degrees, pick up the relay again, to start the output.

Example for Setting: If it is set to cooling mode, set the temperature to 25 degrees, Difference is set to 5, then when the measured temperature is

below 25 degrees, the relay is off, close the output. When the temperature is higher than or equal to 30 degrees, pick up the relay again, to start the output.

◆ **Cooling, heating mode setting:**

Press "SET" key and hold more than 3 seconds to enter the menu display, the screen appears "HC" code, press the "SET" key to display the working mode, press the "UP" or "DOWN" to adjust the display, C means cooling mode; H means heating mode.

◆ **Difference function:**

Difference setting limits the maximum interval between the opening and stopping.

◆ **Difference settings:**

Press "SET" key and hold more than 3 seconds to enter the menu display, with "UP" or "DOWN" key adjusted to the screen, appearing "D" code, press the "SET" key to display the Difference set value, press "UP "Or"DOWN"key to adjust the parameters.

◆ **Temperature calibration function:**

When there is deviation between the measuring temperature and standard temperature, use the temperature calibration function, make the machine measurements value consistent with the standard temperature, the after calibration temperature= the before calibration temperature + calibration value (calibration value can be positive number, negative number, and 0) .

◆ **Temperature calibration settings:**

Press "SET" key and hold more than 3 seconds to enter the menu display, with "UP" or "DOWN" key adjusted to the screen, appearing "CA" code, press the "SET" key to display the temperature calibration settings, press "UP "Or"DOWN"key to adjust the parameters.

For example: When we measure the probe temperature was 25 degrees, it displays 25 degrees as the CA is 0, it displays 26 degrees as the CA is 1, it displays 24 degrees as the CA is -1. This function is generally applied when the probe can not measure directly the measured object. For example, we place the probe at the outside of a cup to measure its water temperature, we need to adjust the CA parameters because of the heat loss of the cup, so that the display temperature can be in accordance with the one of the cup.

◆ **Delay Protection Function:**

In the cooling mode, the first power on, when the measured value above the set value + Difference value, the machine will not immediately start cooling, it needs to set the delay time, then the machine can run to start cooling; once the interval between two cooling is larger than the delay time, the machine immediately starts cooling, once the interval between two cooling is less than the delay time, the machine must run the remaining delay time to start cooling. The delay time is started to calculate from stopping the machine. The delay time of heating mode is as same as the cooling mode.

Note: It is recommended that only the device that use compressor cooling can use the delay start function, the user who don't need delay start function please set this parameter to 0.

◆ **Delay Protection Setting:**

Press "SET" key and hold more than 3 seconds to enter the menu display, with "UP" or "DOWN" key adjusted to the screen, appearing "PT" code, press the "SET" key to display the delay setting value, then press the "UP "or"DOWN"key to adjust the parameters.

◆ **Upper and lower limit functions:**

The setting of HS and LS limit the set range of control temperature point , for example: HS is set to +15, LS is set to -10, the control temperature can only be adjusted between -10 and +15, when the control temperature to -10 then press "DOWN" key, the display will remain on the status of -10 and not decrease; when the control temperature to +15 then press "UP" key, the display will on the status of 15 and not increase. If the set point outside this range, it needs to firstly change the value of HS and LS, then it can be achieved.

◆ **Upper and lower limit settings:**

Press "SET" key and hold more than 3 seconds to enter the menu display, with "UP" or "DOWN" key adjusted to the screen, appearing "HS" or "LS" code, press the "SET" key to display the upper or lower limit set value, Then press "UP" or "DOWN" key to adjust the parameters. HS means upper limit. LS means lower limit.

For example: the upper and lower limits are used to limit the range of control temperature that can be set, such as: LS is 10, HS 20, then press the SET key to adjust the temperature control, it can only be varied between 10 and 20.

◆ **High temperature alarm:**

If the measured temperature \geq AH, then the Thermostat will alarm, the display alternately shows "H" and the current temperature. User can stop the alarm by press any key

◆ **High temperature alarm settings:**

Press "SET" button and hold more than 3 seconds to enter the menu display, with "UP" or "DOWN" button transferred to the screen appears "AH" code, press the "SET" key to display the high-temperature alarm settings, press "UP "or" DOWN "key to adjust the parameters ,

◆ **Low temperature alarm function:**

If the measured temperature $<$ AL, then the Thermostat will alarm, the display alternately shows "L" and the current temperature. User can stop the alarm by press any key

◆ **low temperature alarm settings:**

Press "SET" button and hold more than 3 seconds to enter the menu display, with "UP" or "DOWN" button transferred to the screen appears "AL" code, press the "SET" key to display the low temperature alarm settings, press "UP"or" DOWN "key to adjust the parameters,

Advanced settings:

Press "SET" and "UP" key and hold on for three seconds to enter the System Advanced menu settings, press the "UP" or "DOWN" key to select the adjustment menu, press "SET" key once to enter the appropriate parameter settings, press "UP" or "DOWN" to adjust the parameters needed to be modified. After being adjusted, press the "POWER" key to exit,

CODE	Functional Description	RE
C/F	Celsius, Fahrenheit selection	C: Celsius, F: Fahrenheit
ST	Conditioning step	01: Conditioning step 0.1 Degree 10: Conditioning step 1 Degree
P	Remote control settings	ON: allows the APP to control the thermostat, OFF:APP can only see the temperature, can not control

⑥ Errors indications:

- 1) When the sensor disconnected, the screen displays EEE ,
- 2) When the sensor detects the temperature is below the lowest temperature that could be detected, the screen displays LLL.
- 3) When the sensor detects a temperature higher than the Maximum temperature that could be detected, the screen displays HHH.