THORGEON

TIMERS

DIGITAL PLUG-IN THERMOSTAT

18007

A
20

5-90°C

110/230V

The product 18007 is suitable for electric heating radiator, electriccooling and temperature control system.It can be used in smart homes, shopping malls, and industrial places. Before use, please confirm that this product is compatible with your temperature control equipment.

THORGEON

CE EAC UKCA RoHS

4751029899408

Developed in Latvia

Function Features

1. Touch buttons: no need to worry about the buttons beingstuck and not rebounding;

2. Heat and cool dual mode: heating and cooling, one device,two control modes;

3. Internal and external dual sensor; default built-in sensor,optional external sensor;

4. Heating indication: two working indicator lights on the left andright, know its working status without coming close;

5. Dual temperature systems: support Celsius-°C andFahrenheit-°F switching;

6. Various plugs: optional plugs of various specifications, Britishstandard, European standard, American standard, Australianstandard, and national standard are optional;

7. Convenient control: The advanced options of the thermostatcan be set in the APP. which is more convenient.

8. Intelligent voice: connected to Tmall Genie, Alexa, GoogleAssistant, Xiaodu, Yandex, voice control, which frees hands;

9. APP control: The APP supports ios/android system, and thetemperature is updated in real time; automatically obtains thetemperature and humidity, PM2.5 of the local area, and createsintelligent scenes. It has supported all regions and languages at home and abroad, and the service is more comprehensive.

Precautions Before Installation

1. Before installation, please confirm that the plug type of thisproduct is suitable for your local standard and heating equipment;
2. Please contact the after-sales service for equipment failure,please do not try to repair it by yourself;
3. After the installation, please refer to this manual to check againto ensure normal safety

Caution!
Electric shock hazard

Product parameters

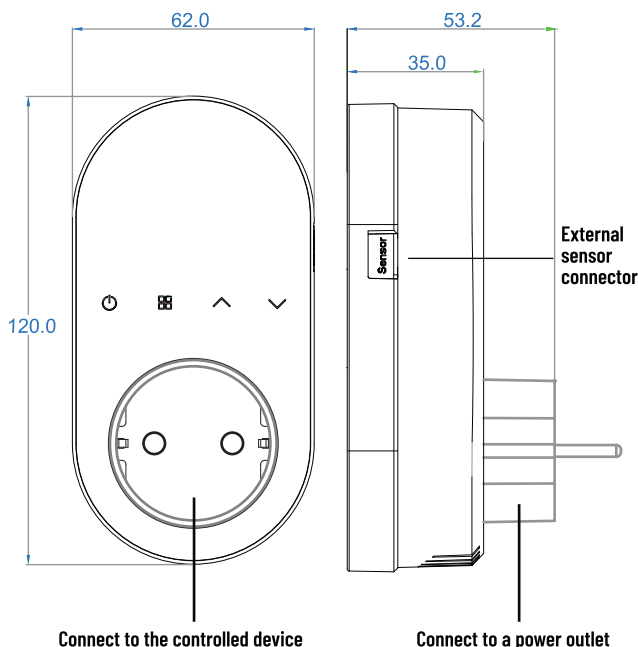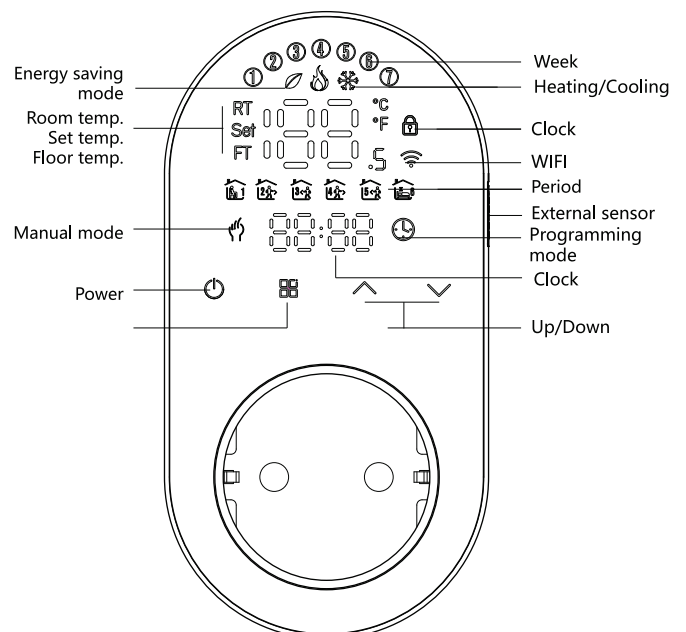|	
Voltage: 95-220V, 50-60Hz	
Maximum load: 20A	
Temperature sensing element: NTC10K	
Temperature control accuracy: +0.5°C	
Temperature control range: 5 - 90°C, can be changed in advancedoptions	
Shell material: PC+ABS (flame retardant)	
Working environment: 0 - 45°C, 5 -95%RH (no condensation)	
Storage temperature: -5 - 55°C	
Protection class: IP20	
Display temperature range: 5~99°C	

Dimension drawings

62.0 53.2 35.0 120.0

External sensor connector

Connect to the controlled device

Connect to a power outlet

Product UI

Energy saving mode
Room temp.
Set temp.
Floor temp.
Manual mode
Power

Week
Heating/Cooling
Clock
WIFI
Period
External sensor
Programming mode
Clock
Up/Down

RT
Set
FT

°C
°F

Manipulation Instructions

1.Power: Press ⏻ to turn the thermostat on/off.

2.Cooling / Heating mode: This thermostat supports cooling or heating mode, which can be selected and switched in the APP, or refer to "**Advanced Options Settings**".

3.Manual/Programming/Temporary Manual/Holiday Mode: Press ⊞ in the APP or on the control panel of the thermostat to switch between Manual/Programming/Holiday mode. Depending on the mode, the corresponding icon will be displayed at the top of the screen.

Manual Mode ♨: In this mode, the thermostat controls the device according to the manually set temperature.

Programming Mode ☉ : In this mode, the screen displays the current programming cycle the thermostat is in, and the thermostat controls the device according to the weekly programming schedule. Please refer to point 7 for timetable setting.

Temporary manual mode: In the programming mode, manually adjust the temperature and enter the temporary manual mode. At this time, the screen display icon " ♨ " will flash, and the thermostat will execute the current set temperature at this time, and the temperature will restore during next weekly programming cycle.

Holiday Mode ☉ ♨: In this mode, the screen will display the icons " ☉ " and " ♨ ", and the thermostat will maintain a fixed temperature until the holiday is over. Lasting days of Holiday Mode can be set in the APP or Or long press " ⊞ " to enter the clock setting, then press " ⊞ " 4 times to enter the holiday mode day setting, the test screen "RT" will flash..

4.Temperature setting: Press "︿"/"﹀" to set the target temperature.

5.Time setting: The Wifi version will automatically synchronize the time after connecting to the network. Or long press " ⊞ " to enter the time setting, and press "︿﹀ " to adjust the value, respectively set up for minutes, hours, and days of the week ("①" at the top of the screen means Monday, "②" means Tuesday, and so on) . After the adjustment is completed, press "⏻" to exit the time setting.

6.Child lock 🔒: Press and hold "︿" and "﹀" at the same time for 5 seconds, the thermostat will enter the child lock mode. You can also set full lock and half lock in advanced options, please refer to the description of advanced options below.

7.5+1+1 programming mode setting: wifi version can be set in APP. In the non-wifi version, long press " ⊞ " to enter the clock setting, and then press " ⊞ " 4 times to enter the programming mode setting. At this time, the screen displays (①②③④⑤), the minute of the time flashes, and the cycle is 1 " 🏠 ". Then press " ⊞ " to select and set the hour, temperature and cycle. Press "︿" or "﹀" to adjust the corresponding value. After completing the setting, you need to shut down once to store the data in the thermostat.

Default settings for program schedule

Time display	MON.-FRI. (①②③④⑤ shows on scteen)		SAT. (⑥shows on scteen) 8:00~11:30		SUN. (⑦shows on scteen)	
	TIME	TEMP.	ON TIME	TEMP.	ON TIME	TEMP.
Period 1	6:00~8:00	20	6:00~8:00	20	6:00~8:00	20
Period 2	8:00~11:30	15	8:00~11:30	20	8:00~11:30	20
Period 3	11:30~13:00	15	11:30~13:00	20	11:30~13:00	20
Period 4	13:30~17:00	15	13:30~17:00	20	13:30~17:00	20
Period 5	17:00~22:00	22	17:00~22:00	20	17:00~22:00	20
Period 6	22:00~6:00	15	22:00~6:00	15	22:00~6:00	15

8.External sensor data query: long press "﹀" for 5 seconds, the screen will display the temperature of the sensor data. If no external sensor is connected, "err" will be displayed

Advanced Options Settings

In the power-off state, long press " ⊞ " for 5 seconds to enter the advanced options settings. Press " ⊞ " to select a function, and press "︿" or "﹀" to adjust the corresponding code. All advanced options settings will take effect automatically after restarting the thermostat.

Code	Function	Setting and options	Default
1	Temperature compensation	-9 to 9 ℃	-3
2	Deadzone Temp.	1-5℃	1
3	Button Locking	01:All buttons are locked except power button. 01:All buttons are locked.	01
4	Sensor typer	In: Internal Sensor(to control the temp.) Ou: External Sensor (to control the temp.) AL: Internal&External Sensor (Internal sensor to control the temp., external sensor to limit the temp.)	AL
5	Min.Set Temp.	5-15℃	5
6	Max.Set Temp.	15-45℃	35
7	Temperature display	00: Display the room temperature and the set temperature, press the up and down keys to display the set temperature 01: Only display the set temperature	00
8	Low temp. protection setting.	0-10℃	0
9	High temp. protection setting.	25-70℃	50
10	Energy saving Mode	00:OFF 01:ON	00
11	Cool Energy saving Temp.	10-50℃	20
12	Heat Energy saving Temp.	10-50℃	26
13	Cool/Heat	0: Cool Mode 1: Heat Mode	01
14	℃/℉	0: Degree Celsius ℃ 1: Fahrenheit ℉	00
15	Screen brightness when no operation	0-8, when set to 0, after 10 seconds of no operation, the screen will turn off, press the up and down keys to wake up	1
16	Reset	00: No factory reset; 01: Factory reset	00
17	Version number		U1

ABOUT WIFI WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time, you must configure the Wi-Fi signal and settings through your smartphone or tablet ,This will allow communication between your connecteddevices

Step 1 Download your APP (Fig1-1)

Fig 1-1

Fig 1-2 IOS

Fig 1-3 Android

Search for "Smartlife" in Apple Store or Google Play or use a browser to scan the QR code above (Figure 1-2), and complete account registration and installation according to the guidance of the APP

Step 2. Connect the thermostat

Check the tutorial below to complete the connection and setup

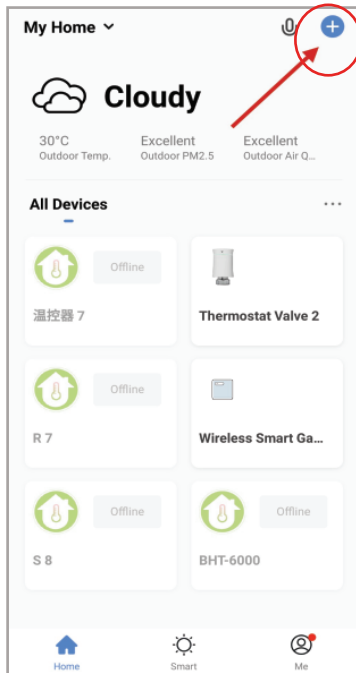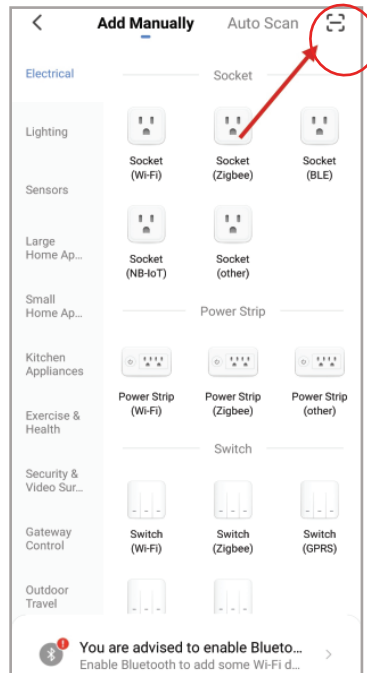**Method 1: Scan the QR code to configure the network guide (Fig 2.1-Fig 2.3)**

This QR code must be scanned in the APP, Quick jump thermostat pairing.

Fig2.1

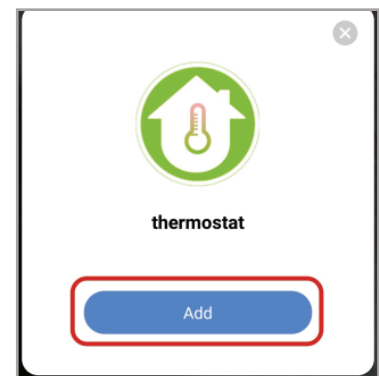Fig2.2

Fig2.3

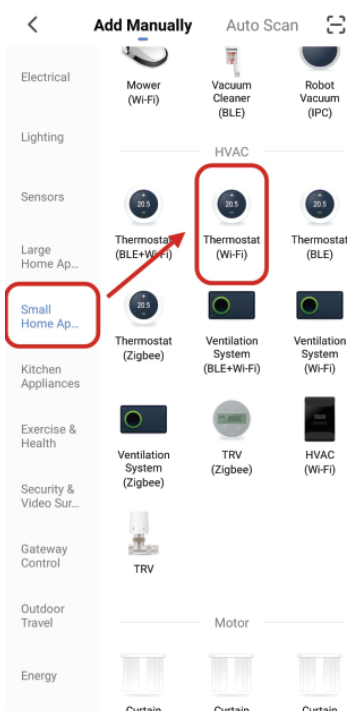**Method 2:** Ordinary distribution network guidance (Fig. 2. 1&Fig. 2.3.1)

Network distribution mode:

1. EZ Mode. When the thermostat is off, press and hold the "∨" until the thermostat screen flashes quickly and displays the "⌃" icon, and then operate according to the following figure (Fig 2.4-Fig 2.7).

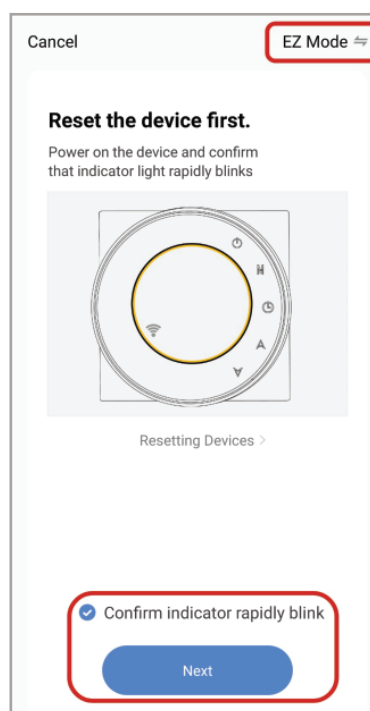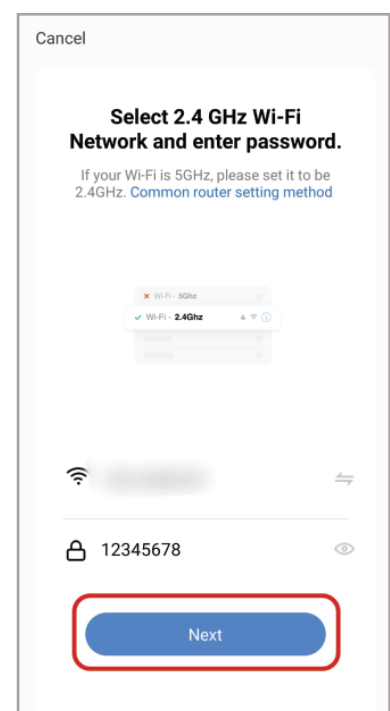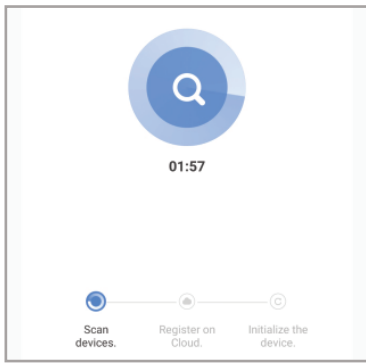Fig2.3.1

Fig2.4

Fig2.5

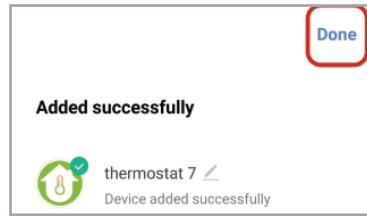Fig2.6   Fig2.7

2. AP Mode

With the thermostat off, press and hold ∨ until the thermostat 📶 icon flashes slowly. (If the 📶 icon flashes quickly, continue to press and hold ∨ until 📶 flashes slowly), then follow the diagrams below (Picture 2.8-Picture 2.14)
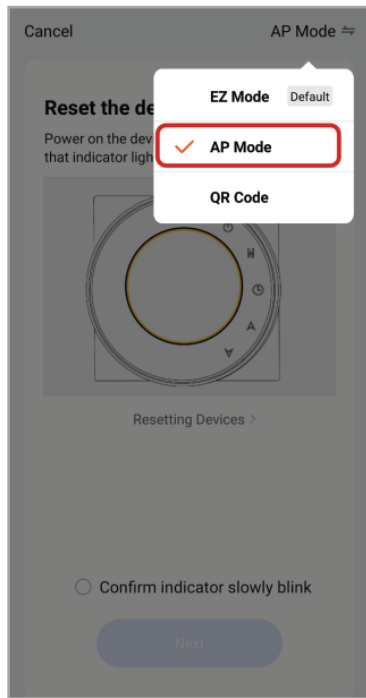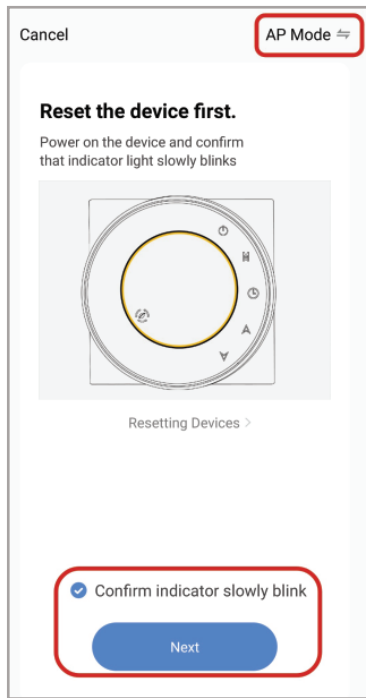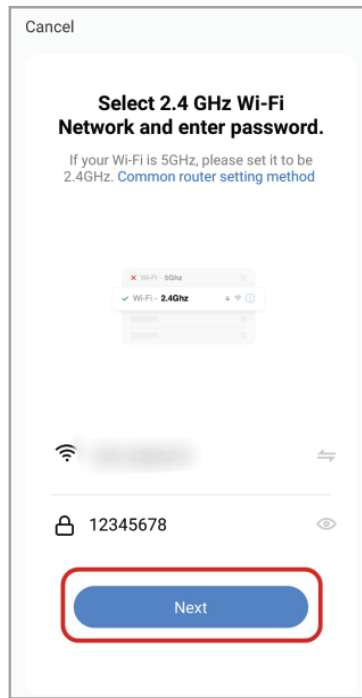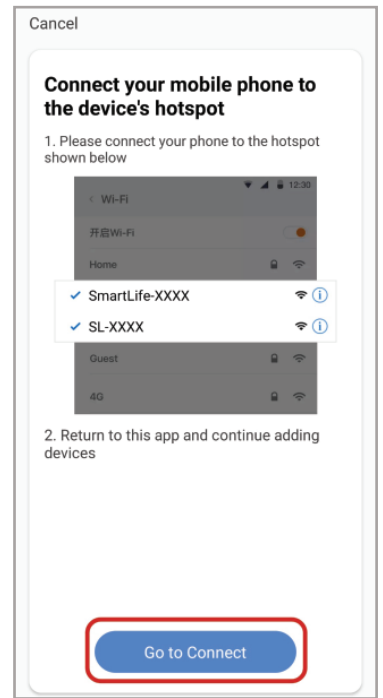

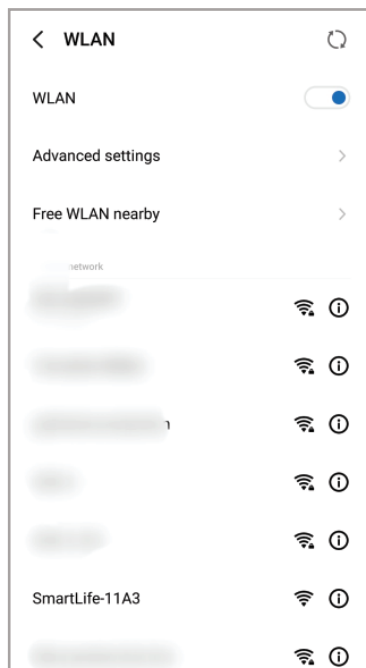Fig2.8   Fig2.9   Fig2.10   Fig2.11
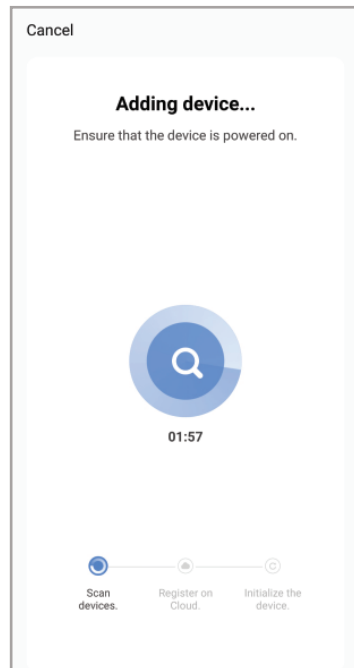

After connecting to this hotspot, return to the "smartlife" APP
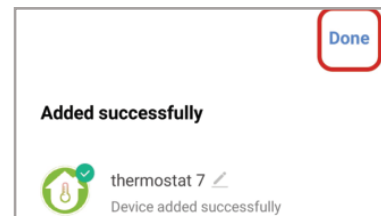
Fig2.12   Fig2.13   Fig2.14

APP operation interface description
(heating thermostat)

Simplement Exception Handling

No.	Phenomenons	Handling
1	Power is on but without display.	* Check if the terminals between LCD panel and Power Unit Box is loosen.
2	Without output but display works.	* Use a new LCD panel or new Power Unit Box to replace the old one.
3	Room Temp. Is a little different from the actual.	*Do temperature calibration in item 1 of high senior options

— More Set

— Name

— Return

— Set Temp.

— Current Temp.

— Set Temp.
Quick Setup

— Set Temp. Trim - Up

— Set Temp. Trim - Down

— Anto/Manual/Temp Hold/Holidays
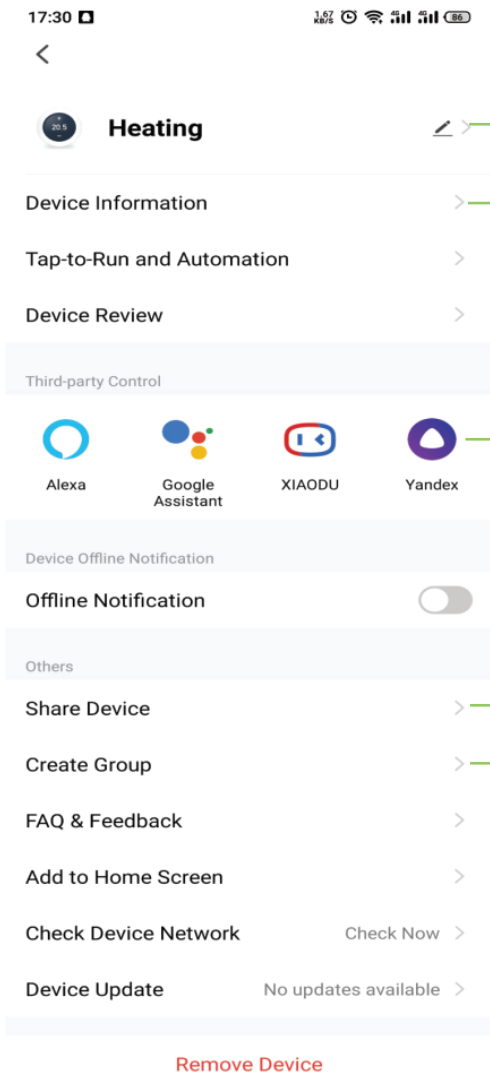
— Week Program Schedule Settings

— Seting the Functions and Options

— Power

More settings

— Modify the name of the thermostat

— View the virtual ID of the thermostat

— Connect smart voice audio guide

— Share the thermostat with your family

— Group multiple thermostats for management