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SHSAS920FHL-7-Wi-Fi

Operations Manual

Thank you for your purchase of a SmartHeat underfloor heating system. Our underfloor heating system has now been installed in your floor and will provide you with radiant, comfortable warmth that can't be beat. It is operated via our SmartHeat Wi-Fi thermostat, which can be set up to work in conjunction with home automation systems or controlled via an app on your mobile device and monitors the temperature via the in-built temperature sensor or a floor sensor to ensure each area is properly heated.

Please note before turning on

Before turning on the heating, you must ensure that the sub-floor and screed have been fully cured. The time it takes for the screed/sub-floor to fully cure depends on the thickness of the screed and the type of adhesive used for sub-floor. For example, sand & cement screeds usually require at least 3 weeks to fully cure, and tile glue requires around 2-3 days to fully cure. It is also recommended that when turning on the system for the first time that it be allowed to gradually increase the floor temperature over 2-3 days to avoid damage to your floor.

Warranty

Electrical Underfloor Heating Cable – 10 years
Hydronic Pipes – 10 years
SmartHeat Heat Pump – 5 Years
Bosch Boiler Part & Labour – 2 years
(with a Bosch registered card)
Bosch Boiler Heat Exchanger – 5 years
(with a Bosch registered card)

Parts and Labour – 2 years
Mechanical Valves – 2 years
Hydronic Pump – 1 year
Electrical Items (e.g. Thermostat) – 1 year



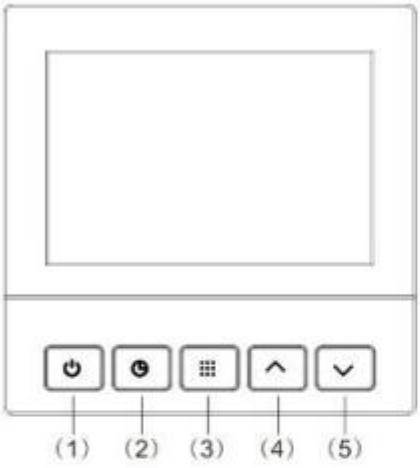
Technical Data

Power Source:	100-240VAC 50/60HZ
Max Load Electric Current:	16A/250VAC
Room Temp. Setting Range:	5°C to 35°C
Floor Temp. Setting Range:	5°C to 70°C
Sensor Accuracy:	0.1°C
Working Environment Temp.:	0°C to 50°C
Storage Temp.:	-10°C to 60°C
Dimensions (LxWxH):	86mm*86mm*13mm

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Keyboard, Display and Switch Description





(1) Power/OK button : Press shortly to turn on/off the thermostat.

(2) Time button:When thermostat turn on press time button shortly to set time . Under the condition of short hours according to the time set in order to enter the minutes, week days set by +/-

(3) Menu button:To set another implicit paremeter, press implicit paremeter longly to restore factory setting ;when thermostat turn on,at programmable modle press the button longly to set program,at programmable mode press shortly to set another program ,press program longly reset paremeter.

(4) Raise temperature setting

(5) Lower temperature setting

(6)Weeks show mark

(7) Temperature shows mark

(8) Shows implicit paremeter setting value

(9) Shows current programming period

(10) Shows WIFI in remote mode

(11) Shows WIFI in hot mode

(12) implicit parameter setting mark

(13) Shows when thermostat is permanent hold mode

(14) Shows when thermostat is in programmable operation mode

(13) +(14) temporary mode

(15) Shows when thermostat start heating output

(16) Shows when thermostat is in antifreezing mode

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Basic Set Up

Configuration Mode

Press and hold the “menu” button (please refer to legend on the previous page for button identification) for 5 seconds to enter configuration mode. Once active, the screen will display the first parameter option (CL – Temperature display adjustment). From here, pressing the “menu” button will allow switching between parameter options (please refer to the attached manual for the full list of parameter settings). Each option can be altered within a fixed range via the use of the “up” and “down” buttons.

Pressing the “on” button while in configuration mode will save the settings, exit out of configuration mode and turn off the thermostat. If no action is taken within 20 seconds, the thermostat will save the settings and exit out of configuration mode back to standard mode.

Please Note: Holding the “menu” button for 3 seconds in configuration mode will reset the settings back to factory default settings.

Set Current Date

In standard mode, press the “time” button to enter time setting mode.

Once in time setting mode, press the “time” button again to show the minutes. Press the “up” and “down” buttons to configure the correct minute.

Press the “time” button again to show the hour. Press the “up” and “down” buttons to configure the correct hour.

Lastly, press the “time” button once more to show the day. Press the “up” and “down” buttons to configure the correct day of the week.

You can press the “time” button to cycle through the options again. Once satisfied, press the “menu” button, or don’t touch anything for 10 seconds to revert to standard mode.

Wi-Fi Set Up

The thermostat by default will come in “hot” mode (please refer to legend on the previous page regarding Wi-Fi mode identification), which means that it is searching for any device to connect to it. By connecting with one of the apps in Link App section on the next page, the thermostat will switch to “remote” mode, meaning that it is now connected to the thermostat and can remotely control it via the connected app.

Up to two mobile devices can be connected to the thermostat. Both mobile devices can control the thermostat via remote control at the same time, however it is not possible to use direct (manual) and remote control at the same time.

To go back to “hot” (discoverable) mode, you will need to perform a factory reset by holding the “menu” button for 5 seconds. Doing so will disconnect any mobile devices from the thermostat and will need to be reconnected via the app again.

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LINK APP

Download:

Click App store or Android application market to download “Tuya Smart” APP.

Registration and Login:

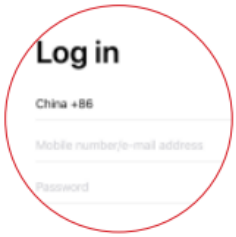
Click the “Register” to create account. Enter your account password to log in.



Register

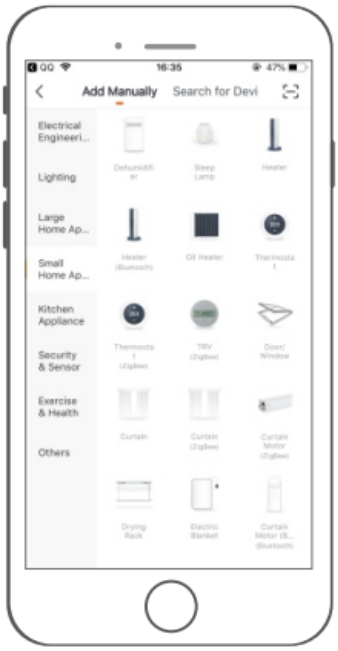


Create accout



Login

Add thermostat





❶ Click “+” on the top of right



❷ Click the list bar “Small Home AP” and select the thermostat in the right device list.

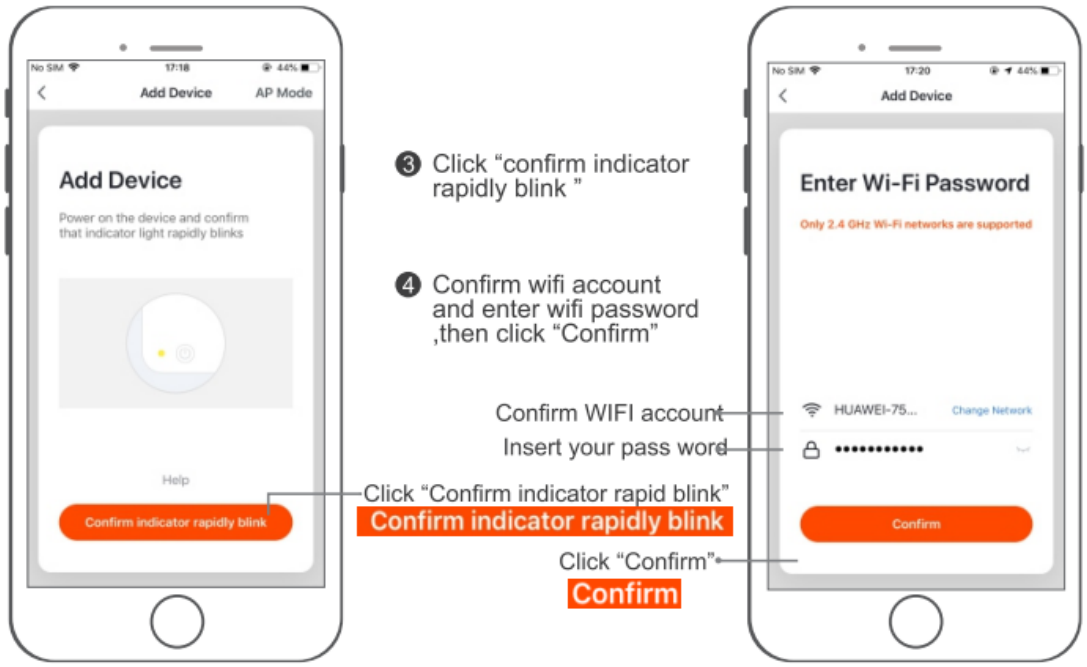
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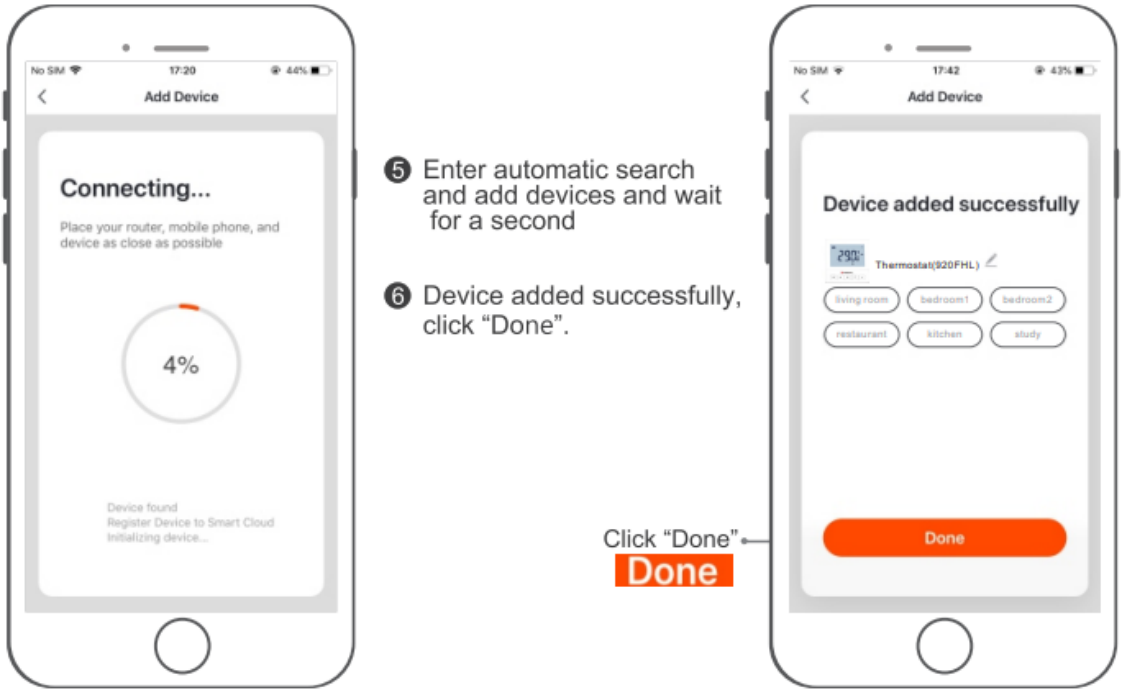
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Distribution network in WIFI mode:





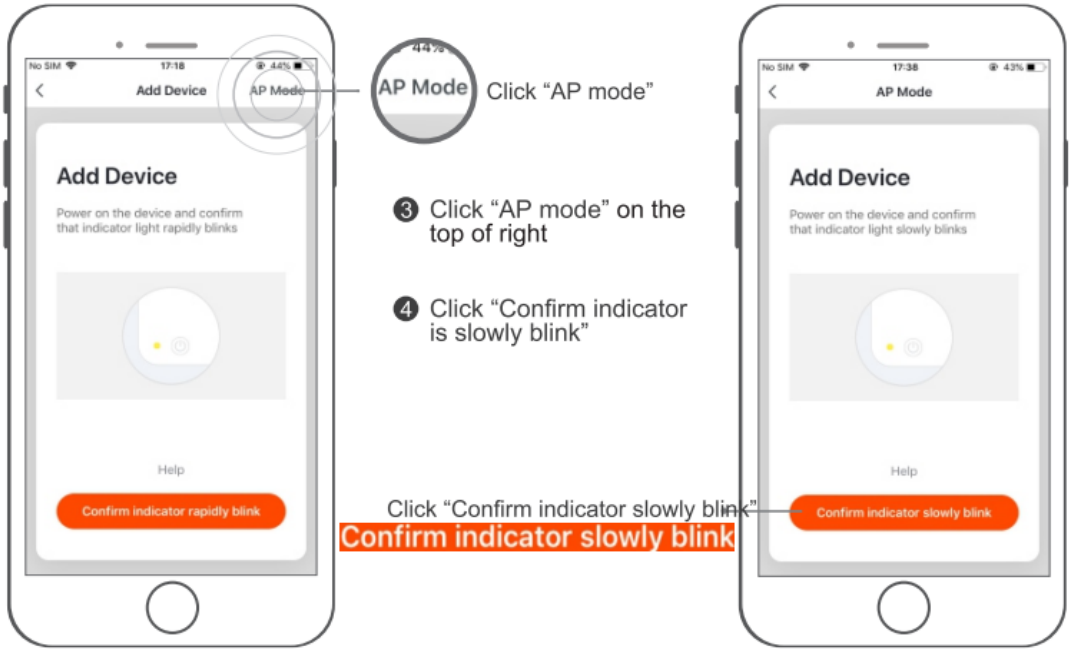
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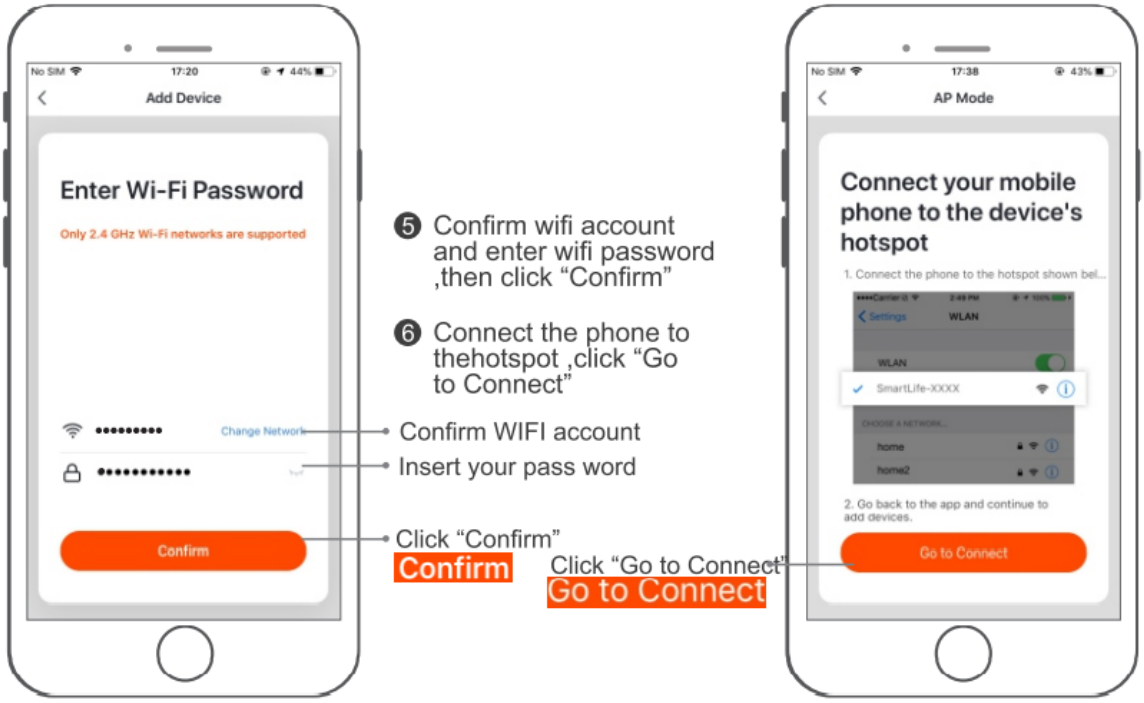
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Distribution network in AP mode:



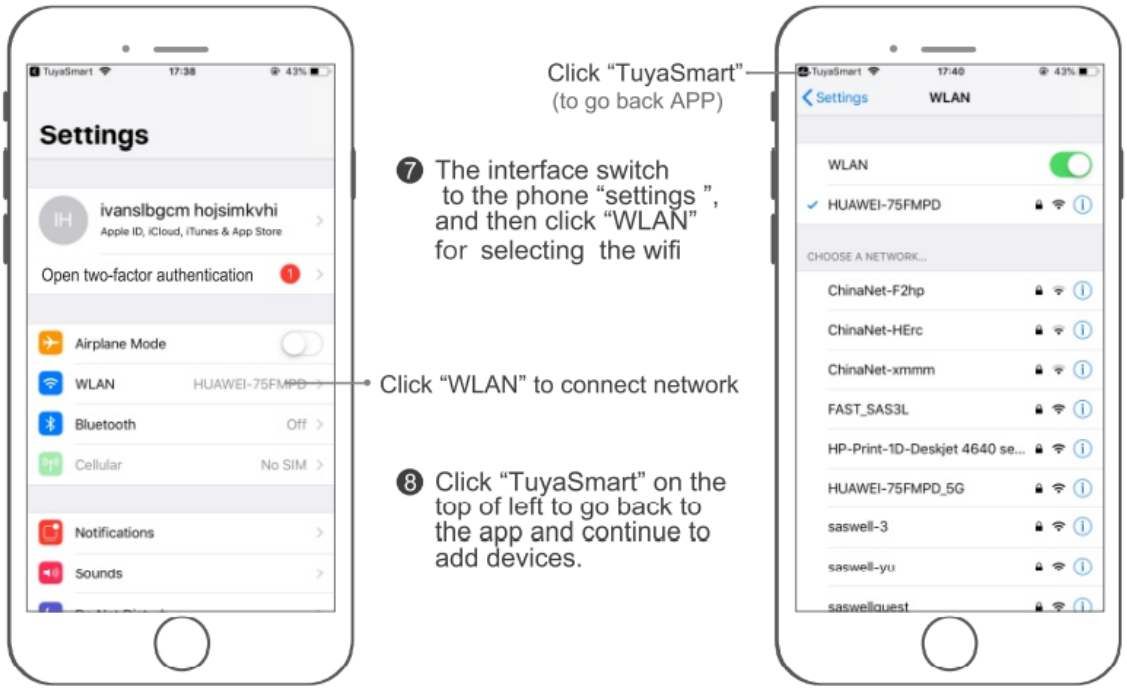


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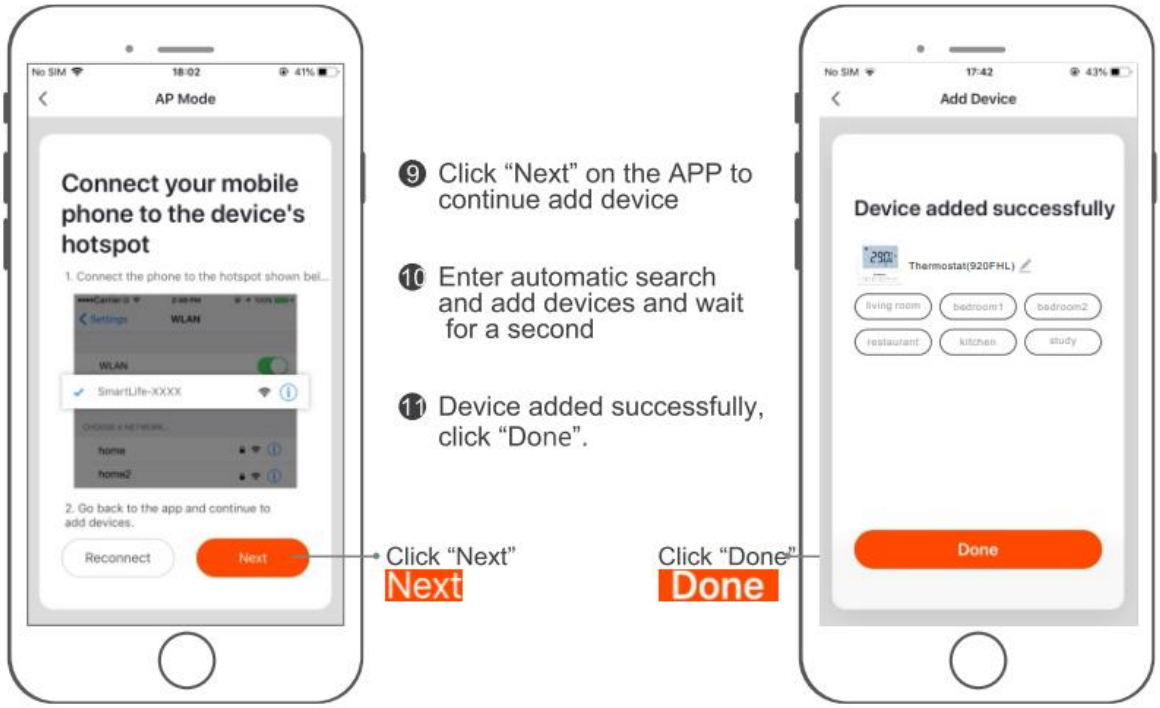
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❼ The interface switch to the phone "settings ", and then click "WLAN" for selecting the wifi

Click "WLAN" to connect network

❽ Click "TuyaSmart" on the top of left to go back to the app and continue to add devices.



❾ Click "Next" on the APP to continue add device

❿ Enter automatic search and add devices and wait for a second

⓫ Device added successfully, click "Done".

Click "Next"
Next

Click "Done"
Done

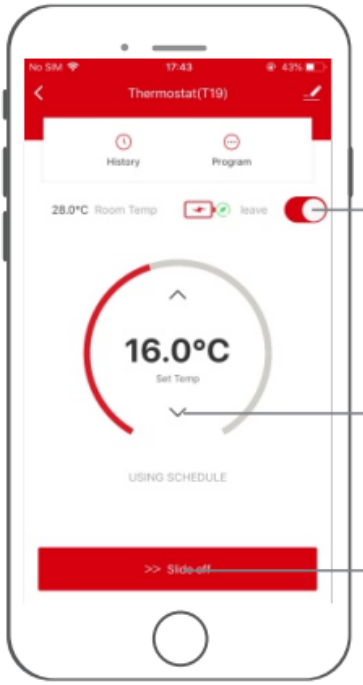
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APP Setting-Temperature setting





Temporary leaving mode:
If you need to stay out temporarily, please click the button,The temperature can remain at 16℃, the energy-saving icon "" turns green and is on.
After your arrival at home, click the button again to recover the previous temperature setting.

Press "^"、"v" to adjust the temperature.



Slide the button to achieve "slide for power on" or "slide for power off"

APP Setting-Programming Setting





Click the "program" to enter the programming interface for selecting the period of time of 7-day programming, press "^" "v" to set temperatures in the different periods of time.

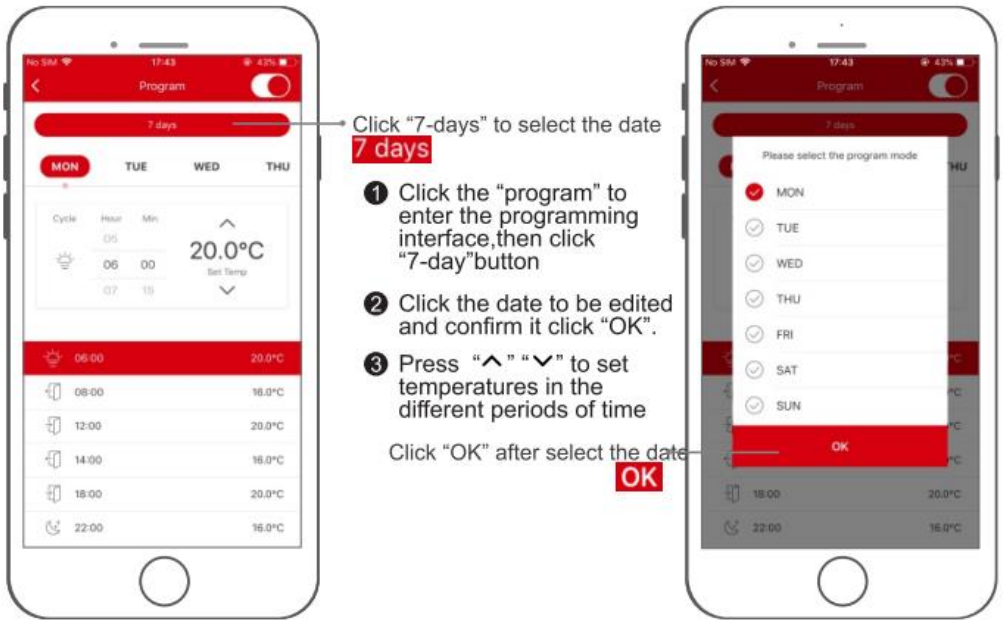
(click the history for checking the historical temperature records)



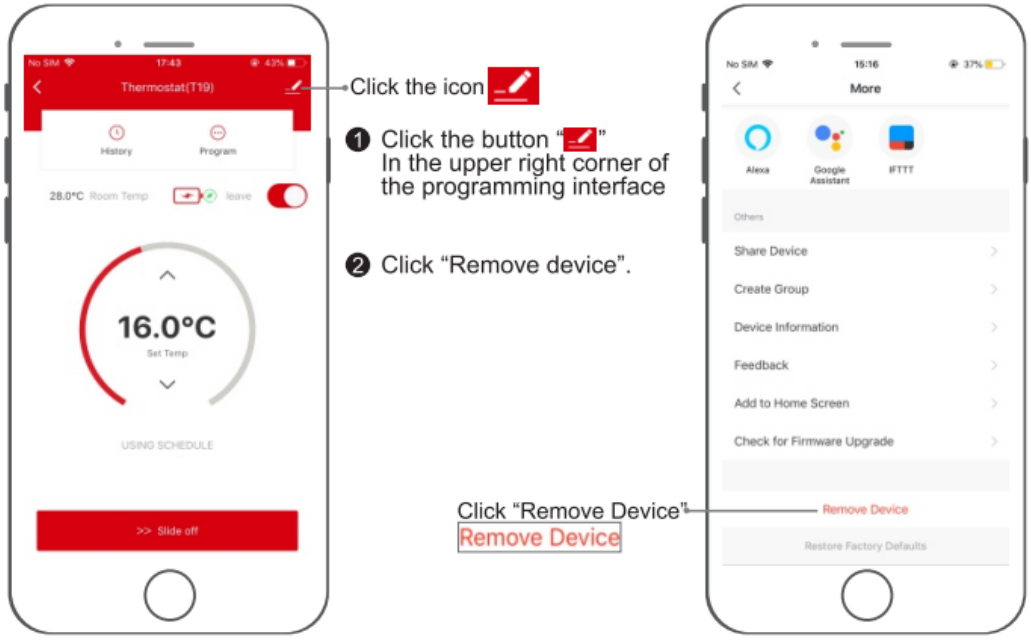
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APP Setting-Multi-day Programming Setting



Exit network /Remove devices



For more detailed instructions, please refer to the provided instruction manual.

If additional assistance is required, please contact SmartHeat at 1300 186 667 or email info@smartheat.com.au