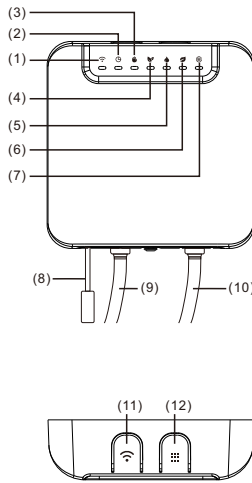
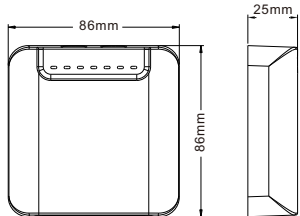


Specifications

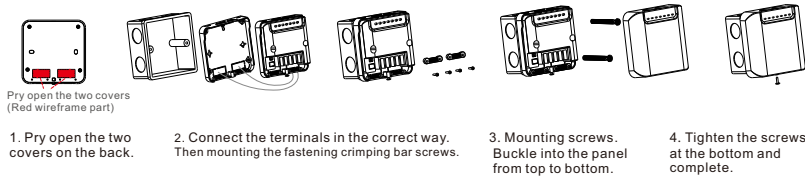
- Power source: 100-240VAC 50/60Hz
- Temperature display range(APP): 0°C-70°C
- Temperature setting accuracy(App): ±0.5°C
- Temperature setting range(APP): 5°C-40°C (In Switch Mode)
- Temperature display accuracy(APP): 0.1°C
- Wireless Protocol Communication : Zigbee(Tuya)
- Radio Frequency Range: 2.4GHz
- Protection Level: IP21
- Compatibility: Compatible with all class II electric radiators
- Shipping & storage temperature: -10°C ~70°C
- Working environment: 0°C-40°C, 10%-95% RH Non- condensation
- Wireless transmit range: Open air in 30M
- External sensor type: NTC 100K



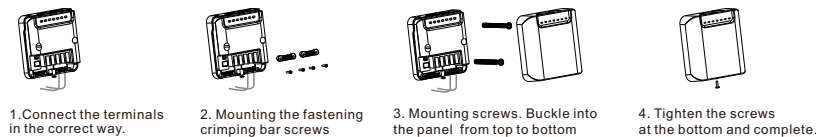
- (1) Wifi icon
When configuring the network, it is in a flashing state. If the network configuration is successful, the green light is always on. If the network configuration fails, it continues to flash.
- (2) Programming mode
- (3) Manual mode
- (4) Comfort mode/Comfort -1°C mode/Comfort -2°C mode
- (5) Heating status
Heating: The light keeps on;
Stop heating: The light turns off.
- (6) Eco mode
- (7) Antifreeze mode
- (8) NTC100K
- (9) FP wire/Load L-out,N-out
- (10) Power supply
- (11) Network configuration button
- (12) Mode switch button
Press this button to switch modes manually.

Installation

Flush Mounted



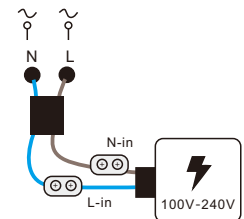
Surface Mounted



Wiring diagram

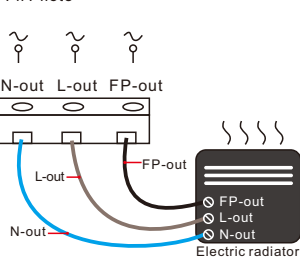
Entrance fee

Main power for electric radiator
AC 100-240V 50-60Hz
Fil Pilot



The Exit

AC 100-240V 50-60Hz
Fil Pilot



Attention:

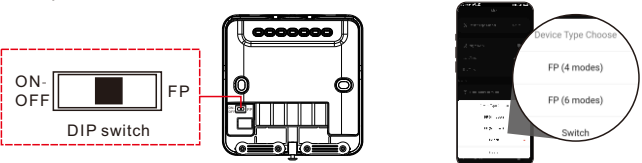
The maximum load of the temperature control panel relay is 16A. The terminal devices such as heating cables will have surge current when starting. In order to ensure the service life of the temperature control panel, it is generally recommended not to use a current exceeding 10A, otherwise it will shorten the service life of the relay components.

Compatible device types

Features	Avec Fil Pilote 4 modes	Avec Fil Pilote 6 modes	Sans Fil Pilote
Central control	Yes	Yes	No
Applicable scene	Smart home or centralized control	Smart home or centralized control	Independent district heating
Convenience of use	Advanced	Superior	Standard
Supported modes	FP(4 modes)	FP(6 modes)	Switch
	⊗ Eco ⊗ Antifreeze ♥ Comfort ⊖ Turn off	⊗ Eco ⊗ Antifreeze ♥ Comfort ⊖ Turn off ♥ Comfort-1°C ♥ Comfort-2°C	⊗ Manual ⊗ Eco ⊗ Antifreeze ⊗ Programmable ⊗ Holiday

Device control type settings

Note: If the DIP switch is tilted left, the "ON-OFF" mode is displayed. The DIP switch is tilted to the right, indicating the FP mode.
Factory default: FP mode



DIP Switch in "FP", "FP (4 mode)" or "FP (6 mode)" can be set in application. DIP Switch in "ON-OFF", "Switch mode" is turned on by default in the App.
Attention: DIP Switch in "ON-OFF", "FP (4 mode)" or "FP (6 mode)" can be set in application.

Function mode

Item	Temperature Setting range	Factory default
Temperature calibration	-9~9°C	0°C
Starting temperature difference	0.5~5°C	0.5°C
Eco temperature	5~40°C	16°C
Anti-freezing temperature	5~40°C	5°C
Holiday mode temperature	5~40°C	18°C
Night mode	Set on the APP Factory default: (Start time: 23:00, End time: 08:00) When enabled, you can enable a time range from 00:00 to 23:59. Night mode ON: all status lights are off and the temperature control logic is operating normally. Night mode OFF: the time period cannot be set, all status lights operate normally, and the temperature control logic operates normally.	

FP Communication Technology

FP output	Pilot wire order	Signals
Comfort mode	Maintain temperature at setpoint (Comfort)	No Signal
Eco mode	Maintain temperature at setpoint minus 3.5°C (3.5k setback)	
Antifreeze mode	Maintain temperature at 7°C(frost protection)	
Turn off	Turn heating off(off)	
Comfort -1°C	Maintain temperature at setpoint minus 1°C (1k setback)	
Comfort -2°C	Maintain temperature at setpoint minus 2°C (2k setback)	

Function

Child lock (Factory default: OFF)

The switch can be set on the APP page.
To prevent children from accidentally touching the button, the button on this device will be invalid after this function is turned on.

Open window function (Factory default: OFF)

The switch can be set on the APP page.
When open window, the room temperature drops by 6°C in 4 minutes, the device will forcefully stop heating. When the room temperature rises by 3°C again, the window opening function will be turned off.
(Note: The window opening function will automatically exit after more than 48 minutes /exit after manual operation.

Alarm

NTC fault alarm: All mode lights flash slowly.

Programmable

Three types have 7 days programming. You can set 24 periods in a day and one hour each periods.

Switch mode:

Each section can be set (manually set the temperature, factory default 20°C)

Four mode:

Each period can be set to different modes (Comfort mode, Eco mode, Antifreeze mode, Turn off mode)
Factory default :Comfort mode

Six mode:

Each period can be set in different modes (Comfort mode, Comfort-1 °C mode, Comfort-2 °C mode, Eco mode, Antifreeze mode, Turn off mode)

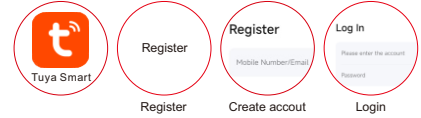
Link APP

Download:

Click App store or Android application market to download "Tuya Smart" app.

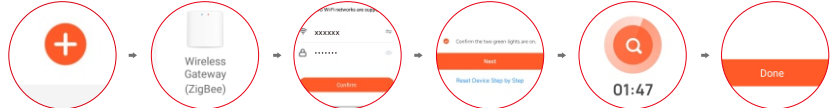
Registration and Login:

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



Add gateway:

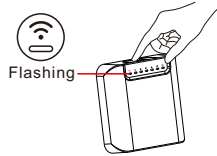
- 1 Enter the "HOME" interface of the app, Click the "+" in the upper right corner .
- 2 Click the list bar "Gateway Control ", select the Gateway (ZigBee) in the right device list.
- 3 Enter your wifi account and password, Click " Confirm "
- 4 Make sure the red light is blinking fast. Click " Next "
- 5 Wait a few seconds.
- 6 Click "Done", it means the gateway added successfully.



* Tips: Before binding the gateway, you need to power on the gateway.
When binding a gateway, the mobile phone and the gateway must connect to the same network.

Add thermostat

- 1 For device:
Hold WiFi button for 5s. If the wifi indicator blinks, it means the network is being.



- 2 Click "Add subdevice" to enter the device list.

- 3 Click "LED already blink ".

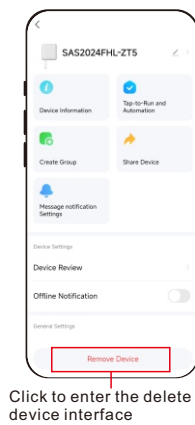
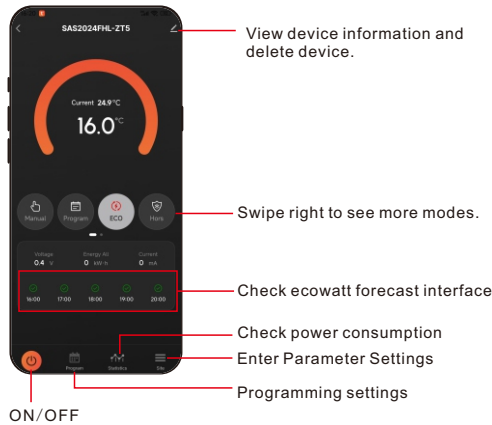
- 4 Select the type of device you want to add, Click "Done".

- 5 Click "Done", it means the device added successfully.

Tips: Gateway must be added before adding thermostat.

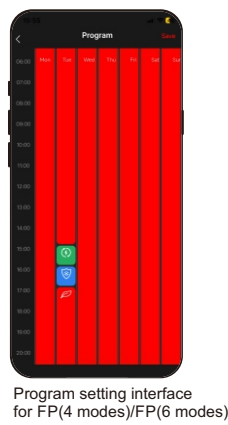


APP interface

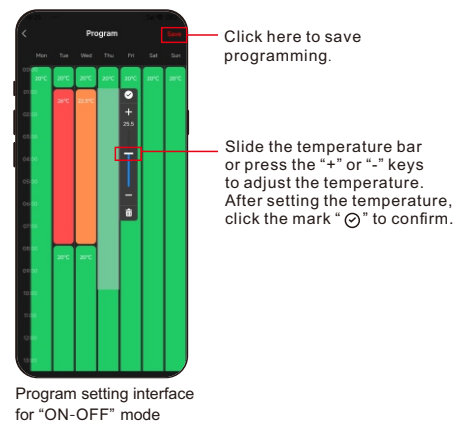


Click to enter the delete device interface

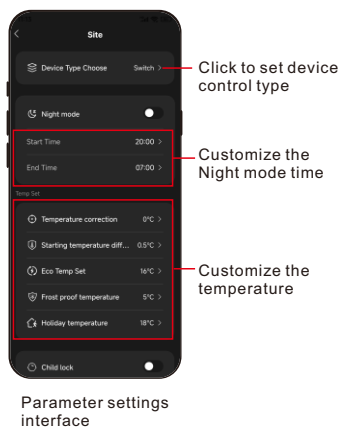
Program setting



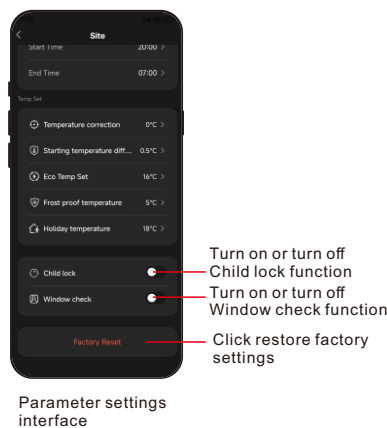
Program setting interface for FP(4 modes)/FP(6 modes)



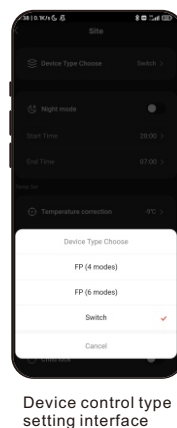
Program setting interface for "ON-OFF" mode



Parameter settings interface



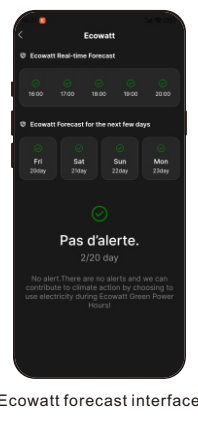
Parameter settings interface



Device control type setting interface



Power consumption data interface



Ecowatt forecast interface