This is a programmable room thermostat. It works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting, and switching it off once this set temperature has been reached. it allows users to select different temperatures in your home at different times of the day to meet particular user's needs and preferences. But thermostat to a higher temperature will not make the room heat up any faster. How quickly the room heats up depends on the design and size of the heating system. Similarly reducing the temperature setting does not affect how quickly the room cools down.
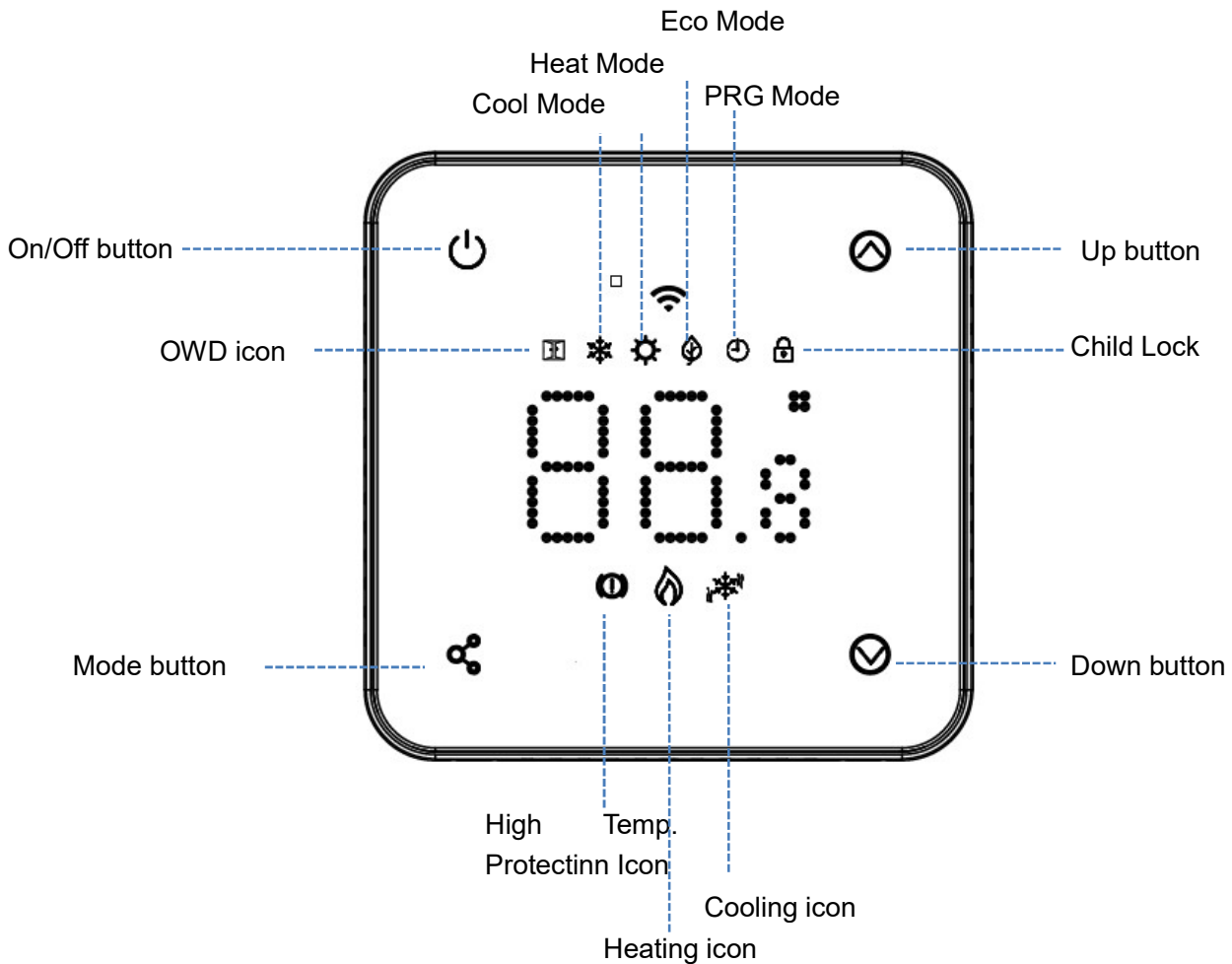
Functions

- WIFI Remote Control
- Compatible with Alexa and Google home
- White Backlight
- Adjustable Eco Mode, Manual Mode and PRG. mode control
- Adjustable Heat Mode, Cool Mode
- Electric heating system
- Weekly Programmable(From APP only)
- Open Window Detection
- Child Lock Function
- Frost Protection
- Power consumption calculation

Technical Data

Power Supply	230V, 50/60Hz	Backlight	White
Max Load	16A	Sensor	β=3950 R25℃=10KΩ
Set Point Range	5~35□	Accuracy	±0.5 □　(step control by +0.5□)
Ambient	0~50□	Protection Class	IP30
Relative Humidity	85%	Housing	- ABS to UL94-5 fire retardant plastic

Display & Buttons

Eco Mode

Heat Mode

Cool Mode   PRG Mode

On/Off button ---------------- ⏻   ⌃ ---------------- Up button

OWD icon ---------------- ❄ ☀ ◈ ⏱ 🔒 ---------------- Child Lock

Mode button ---------------- ⋖   ⌄ ---------------- Down button

High   Temp.
Protectinn Icon

Cooling icon

Heating icon

WIFI Connection

Please download "Smart life" APP from Google play or app store. Once download, the app will ask you to register your device. Enter your email, select the country you live in and create a password for your Smart life account.
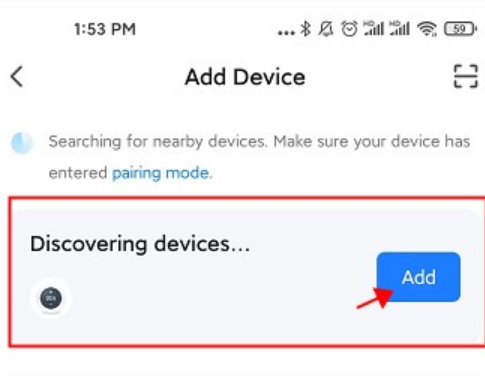
You can connect to app by Bluetooth scan or wifi connection, Bluetooth is more recommended.

1) Enable Bluetooth function on your phone
2) Add device by press"+" button at top right corner

3) Turn on thermostat, press and hold ⏻ button for 3 seconds to enter wifi connection mode, then press

   ⌃ button , the wifi icon 📶 will flash

4) App is searching for nearby Bluetooth device. Press " Add " as picture

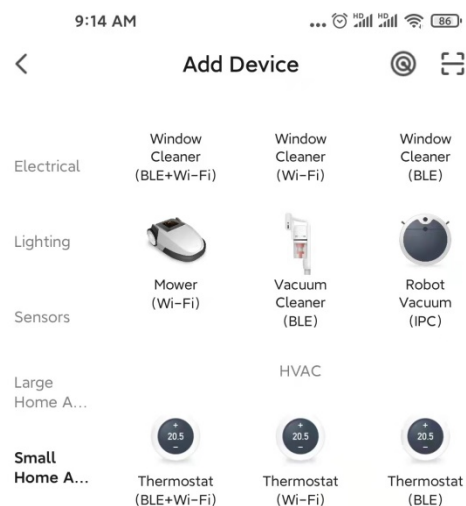5) Choose Wi-Fi and enter password
6) Wait till device add successfully

Notes: When device is never connected (first time or been removed), app may show device to be add as step. 4 directly.

Wi-Fi Connection Method:

1) Add device by press"+" button at top right corner
2) Press "Small Home Applicant" and select "Thermostat (Wi-Fi)" on the list.

3) Select 2.4Ghz Wi-Fi Network and enter password, and press "Next".

4) Turn on thermostat, press and hold ⏻ button for 3 seconds to enter wifi connection mode, then press

   ◎ button , the wifi icon 🛜 will flash

5) Press "Next" on app, tick "Blink Quickly" on phone to add device.

6) Wait a moment till connection done. The LED on receiver will stop flashing. Wifi connection success. If the LED still flash slowly, the connection fail, please try again from step. 5.

Model Select

Short press ⚌ button to choose Manual Mode(no icon),Eco mode(🍃) , and PRG mode(🕐) .
Long press ⚌ button to choose heat mode ☀ and cool mode ❄

Weekly Programmable Setting (change from APP only)

Default Setting:

Period	1		2		3		4	
	Time	Temp.	Time	Temp	Time	Temp	Time	Temp
1 (Mon.)	7:00	22℃	8:30	19℃	17:00	22℃	22:00	19℃
6(Sat.)	8:00	22℃	8:30	22℃	17:00	22℃	23:00	19℃
7(Sun.)	8:00	22℃	8:30	22℃	17:00	22℃	23:00	19℃

Temperature Calibration

This feature used to calibrate thermostat's room temperature display when actual room temperature different from thermostat showed (refer to the menu 01 of parameter settings). For example, if actual room temperature 21.5°C, but thermostat shows 23°C, then you can set this value to -1.5, then radiator thermostat will show 21.5°C.

Frost Protection

This is the temperature maintained when the thermostat is in Frost Protection Mode(refer to the menu 05 of parameter settings). If room temperature below 5°C (Default), thermostat will turn on heating till room temperature arrive 5°C (Default).

Switching Differential

This function allows you to increase the switching differential of the thermostat (refer to the menu 09 of parameter settings). The default is 0°C which means that with a set temperature of 20°C, the thermostat will switch the heating on at 19.5°C and off at 20.5°C. With a 0.5°C differential, the heating will switch on at 19°C and off at 21°C.

Child Lock

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When the child lock function is enabled, the buttons will lock once the backlight turns off (refer to the menu 11 of parameter settings). You can long press ⚙ button for 5 seconds to temporarily unlock the thermostat for adjustment. If you want to disable Child lock function, please change the menu 11 to 0 at parameter setting.

Open Window Detection

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This function allows you to save energy (refer to the menu 12/13/14/15 of parameter settings). When switch on Open Window Detection function (menu12), the system will automatically stop heating once it detects a sudden 2°C (menu14) drop in 15 minutes (menu13). This is normally caused when a window or door is opened without turning off the heating device.

The device will return to the previous mode of operation after 30mins (menu15), then icon 🪟 disappear. If any heating need during this 30 minutes, please press any button to exit OWD mode.
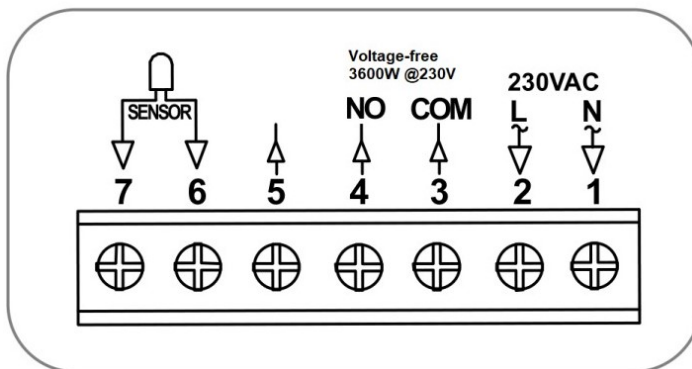
Parameter setting

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Turn thermostat off, press and hold ⚙ and ⌄ for 3s to enter parameter setting.   The display will show menu No. firstly, then show values. You can press ⌃ and ⌄ to change values. Each press of ⚙ button will enter next item setting.

Menu	Description	Range	Default Value
01	Internal Sensor Temp. Offset	-8 □ ~8 □	0
02	Set Point Max.	5 □ ~35□	35 □
03	Set Point Min.	5 □ ~35□	5 □
04	Sensor Select	0：Air	0
		1：Floor	
		2：Air & Floor	
05	Frost Protection Temp.	ON: 5 □ ~15□ OFF: --	5 □
06	External Sensor Temp. Offset	-8 □ ~8 □	0
07	Floor Temp. Display	Read Only	
08	Floor Temp(Overheat) Limit	20 □ ~80 □	32 □
09	Switching Differential	0 □ ~3□	0 □
11	Child Lock	0: Unlock 1: Lock	0
12	OWD function	OFF ON	OFF

13	OWD Detect Time	2~30mins	15mins
14	OWD Drop temp. select（within detect time）	2-4°C	2 □
15	OWD Mode Exit time select. (Return to previous working status)	10~60min	30mins
17	Reset	0: No 1: Yes, then long press on/off button till restart	0
18	LED backlight Max. brightness level adjustment during operation	1~8	8
19	LED backlight min. brightness level adjustment during standby mode	0~8	1
20	Software No.	Read Only	
52	Power Consumption of previous day	XXXX Kwh, long press ∨ to clear the data	
53	Power Consumption of today	XXXX Kwh, long press ∨ to clear the data	
54	Total Power Consumption	XXXX Kwh, long press ∨ to clear the data	
55	Rate power of heating device	1~60(100W/unit)	20(2000W)

Notes: Feature 06, 07,08 will display only when feature 04 select both air and floor sensor.

Wiring Diagram

Installation Procedure

DO
Mount the thermostat at eye level.
Read the instructions fully so you get the best from our product.

DON'T
Do not install near to a direct heat source as this will affect functionality.
Do not push hard on the LCD screen as this may cause irreparable damage.

The thermostat is designed to be flush mounted and requires a back box of 35mm (minimum depth) to be sunk into the wall prior to installation.

Step 1

Using a small screwdriver, slightly loosen the screw from the bottom face of the thermostat. Then carefully separate the front half from the back plate.

Step 2

Place the thermostat front somewhere safe.

Step 3

Terminate the thermostat as shown in the diagram

Step 4

Screw the thermostat back plate securely into the back box.

Step 5

Clip the front of the thermostat onto the back plate