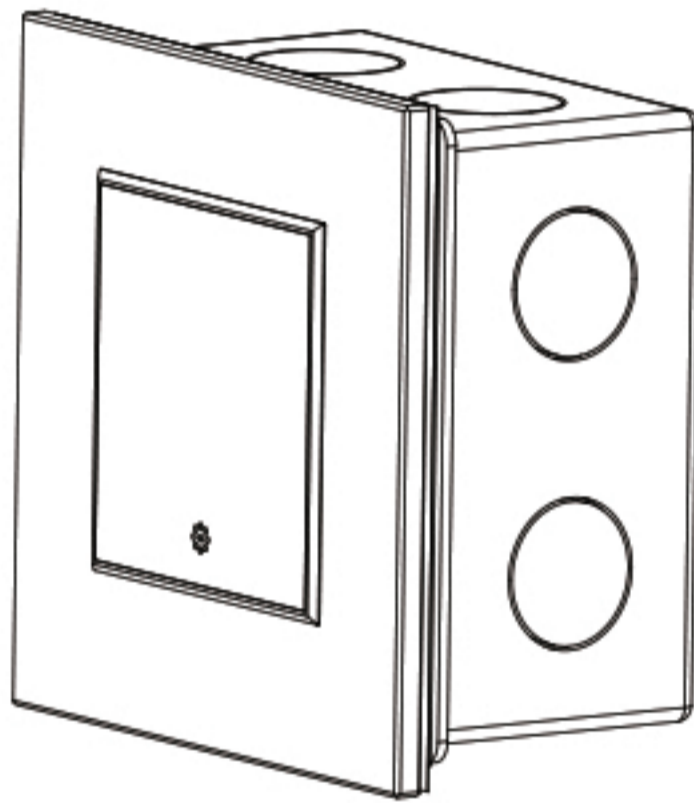# WiFi Thermostat User Guide

(WiFi Series)

For Water Heating/Boiler/Electric Heating

Thank you for purchasing our products, please read the following terms before installation and use:

*Please confirm that this product is suitable for your heating equipment before installation;
*Before installation or maintenance, please make sure to keep the power off;
*Please strictly follow the wiring diagram for wiring installation;
*Installation to the wall, please confirm that the fasteners are suitable for this product;
*If a hard plastic wire is used in the installation process, it must be bent to an appropriate angle in advance;
*Please arrange for professionals to install;
*Please contact the after-sales service for equipment failure, please do not try to repair it yourself;
*After installation, please refer to this manual to check again to ensure normal and safe use, and keep this manual properly.

MODEL DEFINITION

The thermostat is suitable for electric heating, water heating, wall-hung boilers and boiler temperature control systems, and can be used in smart homes, shopping malls, and industrial operations. Before use, please confirm the specific model of this product and the corresponding heating equipment.

HTWI - suitable for water heating equipment
HTEI - suitable for electric heating equipment
HTBI - suitable for wall-hung boilers, boiler equipment
Please refer to the wiring diagram to identify the model or contact the dealer.

FEATURES

On Appearance

1. Convennient operation creates convenient life.
2. Touch screen display with backlight is easy to read, even in the dark.
3. Glass frame, showing fashion;
4. Fashion design blends in with any decor.
5. Modular design, more convenient installation;

On Functionality

1. 0.5°C Accuracy keeps temperature within the level you set.
2. Data memory when power is off.
3. 5+2 six periods programmable maximize comfort and economy.
4. Creat thermostat group to centralized control
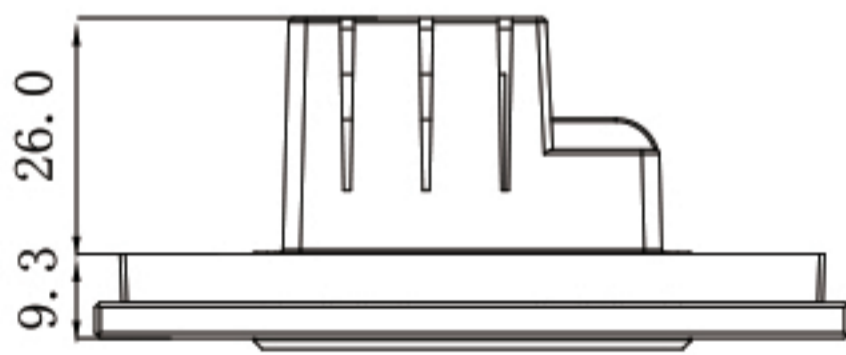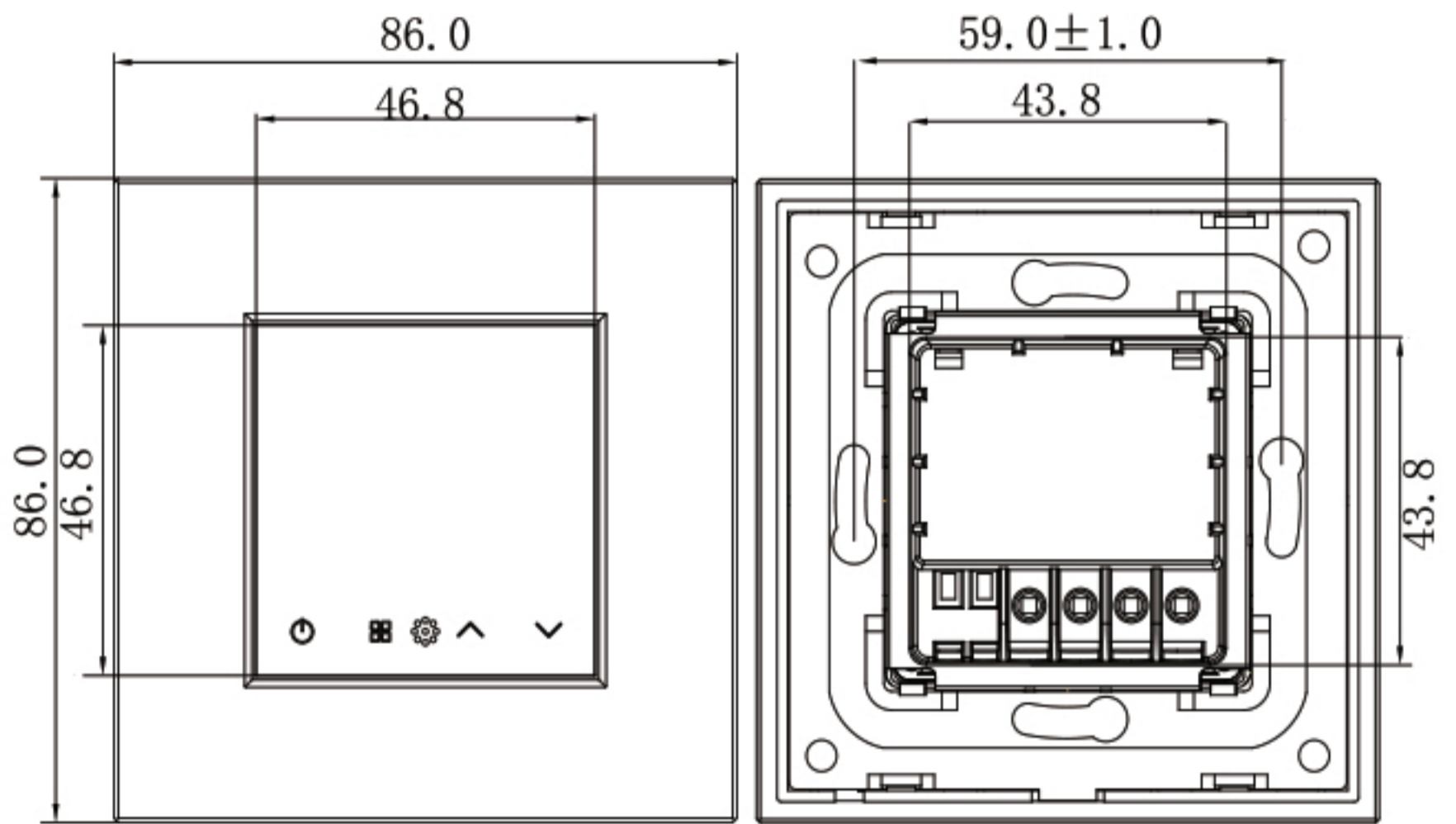5. Integrated with Amazon Echo, Google Home, Tmall Genie .

In the box you will find

Thermostat 1pc   Screws 2pcs   User Guide 1pc

QC Passed 1pc   Floor Sensor (2.5m) 1pc(Floor sensor is Optional)

TECHNICAL DATA

Power Supply: 95~240VAC, 50~60HZ

Current Load: 5A (water heating/water boiler/gas boiler)
               16A (electric heating)

Sensor: NTC

Accuracy: ±0.5℃

Timing Error: <1%

Set Temp. Range: 5~35℃

Power Consumption: <1.5W

Buttons: Capactive Touch Buttons

Screen: negative LCD screen

Installation Box: European 503 Box

Protection Class: IP20

Shell Material: PC+ABS (flame retardant)

Ambient Temp./Humidity:
0~45℃, 5~95%RH (non condensing)

DIMENSION(mm)
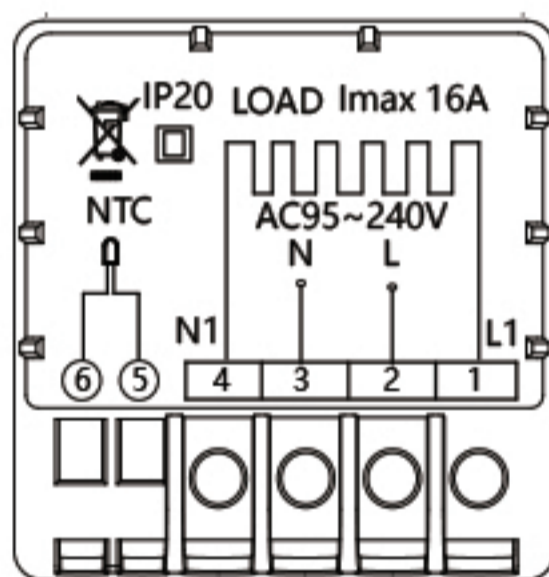
86.0

46.8

86.0

46.8

59.0±1.0

43.8

43.8

26.0

9.3

CAUTION !

**Electrical Shock or Equipment Damage Hazard.
Can shock individuals or cause short-circuit.
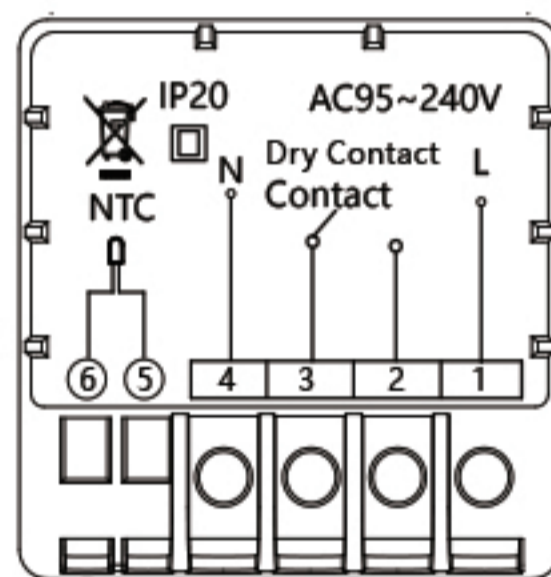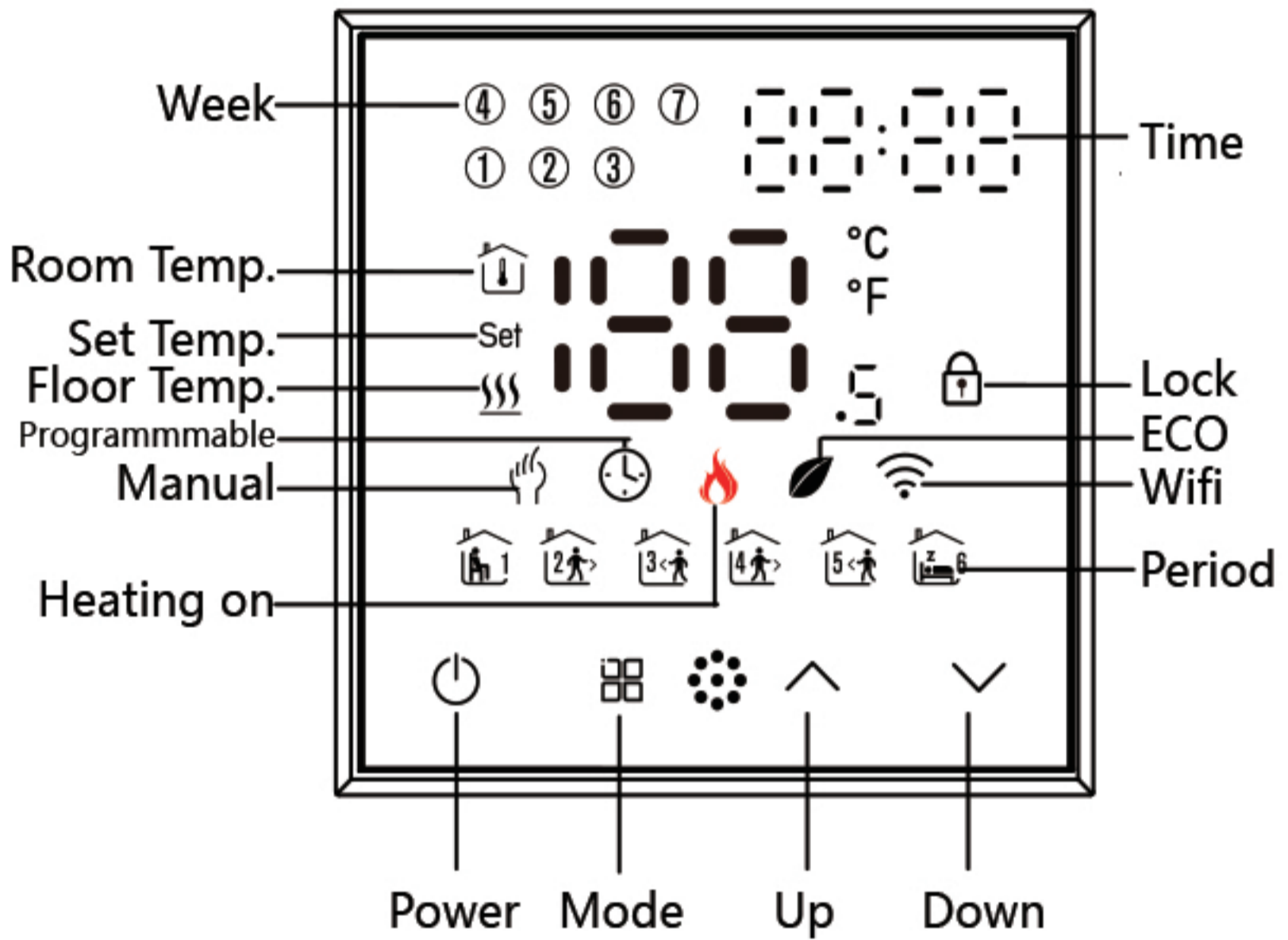Disconnect power supply before installation.**

WIRING

IP20   AC95~240V

N   Imax 5A   L

NTC

Open   Close

6 5   4   3   2   1

HTWI

IP20 LOAD Imax 16A

NTC

AC95~240V

N   L

N1   L1

6 5   4   3   2   1

HTEI

IP20   AC95~240V

N   Dry Contact   L
Contact

NTC

6 5   4   3   2   1

HTBI

Note:
HTWI is for water heating;
HTEI is for electric heating;
HTBI is for water/gas boiler;

SHOW DESCRIPTION

Week

Room Temp.

Set Temp.
Floor Temp.
Programmmable
Manual

Heating on

Time

°C
°F
.5

Lock
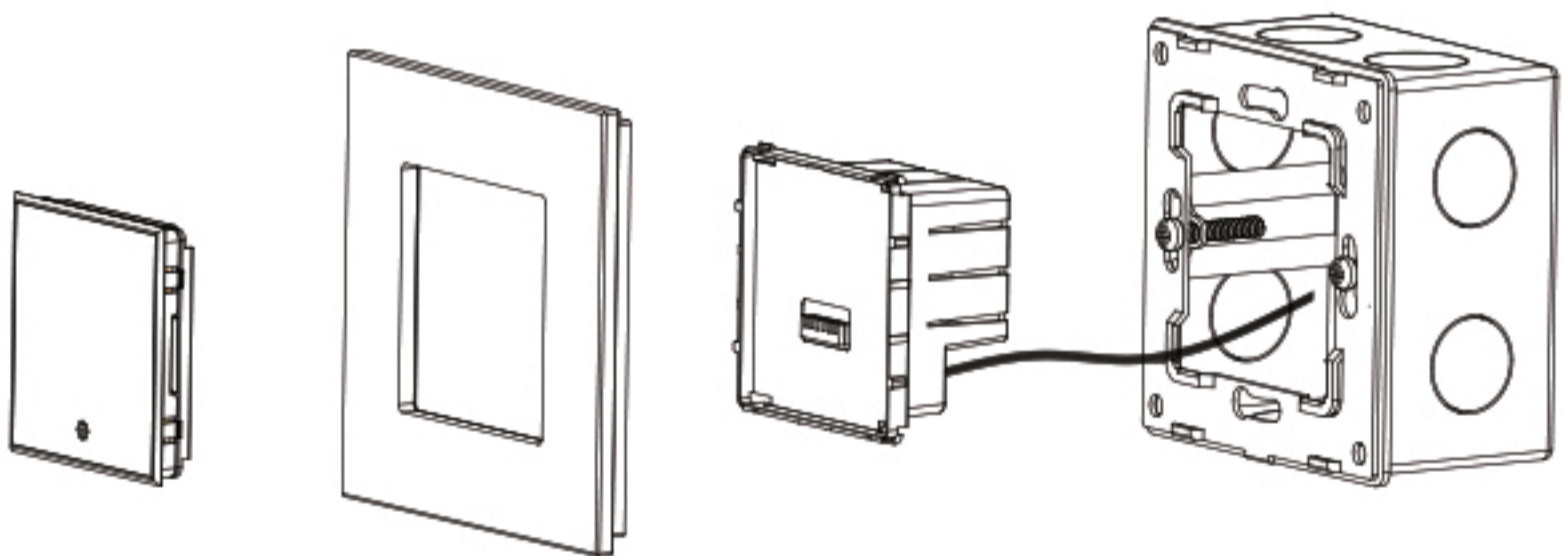ECO
Wifi

Period

Power   Mode   Up   Down

INSTALLATION

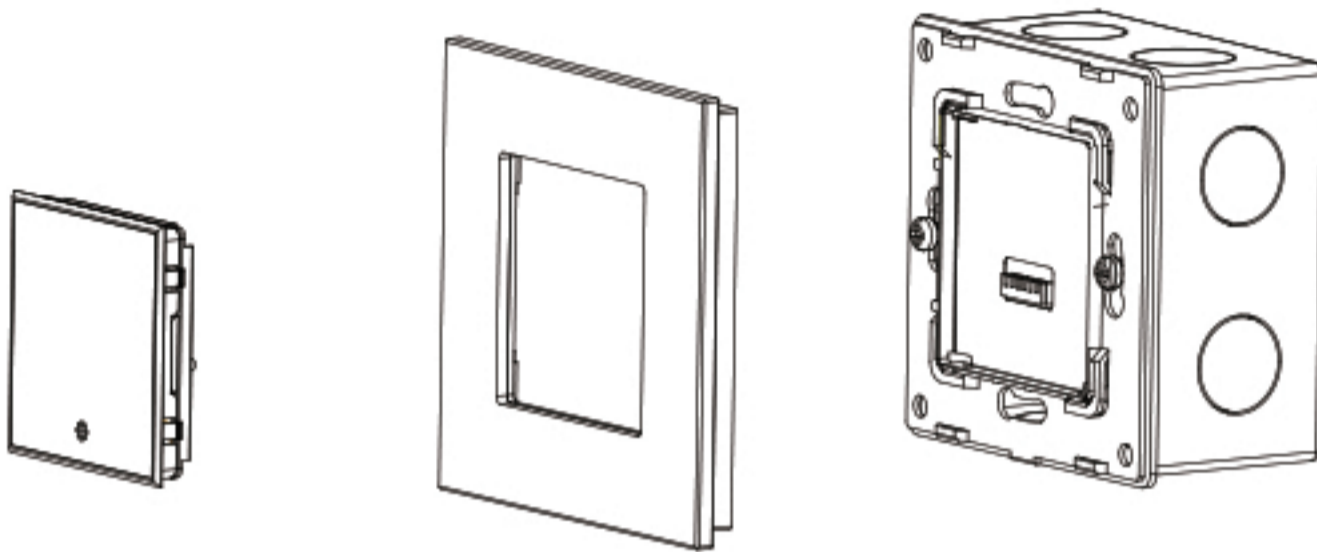Your thermostat is suitable for installation within a standard 503 pattress box.
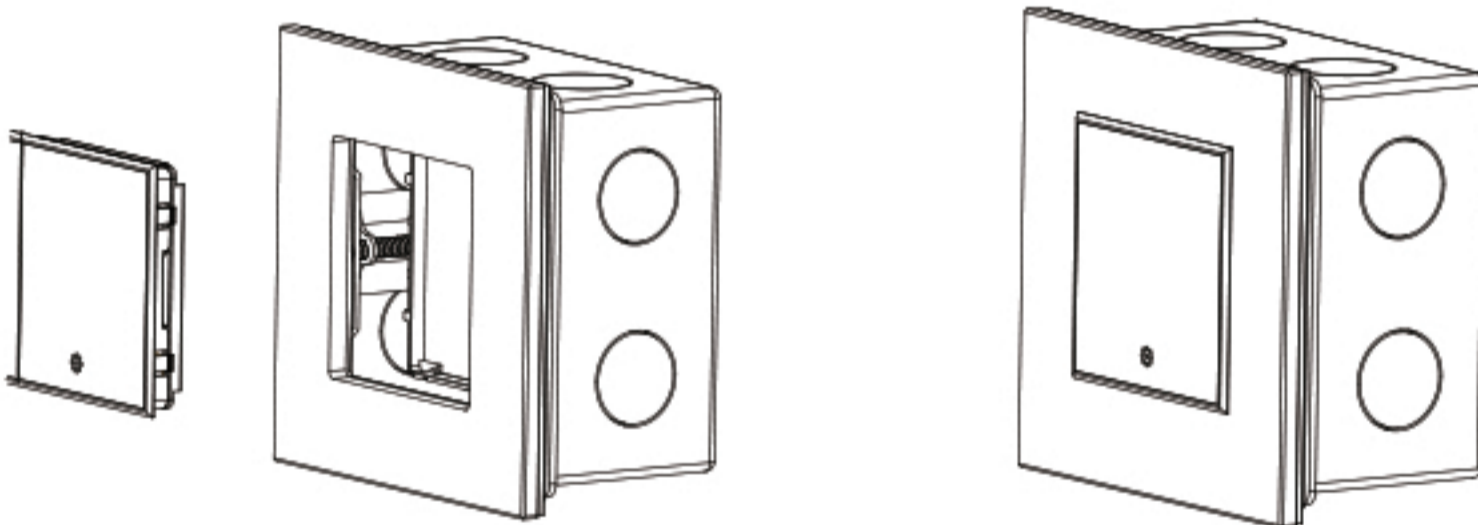
Step 1. Keep power off.

Step 2. Fasten the mounting plate with screws

Step 3. Connect power supply, load into the appropriate terminals.

Step 4. The power module is snapped into the mounting steel plate.

Step 5. Snap the glass panel onto the mounting plate

Step 6. Embed the display module on the glass panel. The installation is complete.

INSTRUCTIONS

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

2. Manual & Programmable

Touch ▦ to change between manual mode and programmable mode. In the manual mode, 🖑 will display in the bottom of the screen. In programmable mode, the period icon 🏠 will show in the left side.

3. Setting Temperature

In programmable mode, the temperature can be temporarily set, and the temperature will be restored to the corresponding temperature in the programming mode in the next time period. In manual mode, the set temperature is permanently saved.

4. Adjusting/Setting the Clock

Touch and hold the icon ▦ set minute, hour and weekday (1 = Monday, 2 = Tuesday etc.) by using the ∧∨ arrows. Press ⏻ power off and on, the settings are saved.

5. Locking your Thermostat

Press and hold the ⋀⋁ for 5 seconds to lock/unlock your thermostat. In APP of high senior options, you can select full lock or half lock.

6. Adjusting/setting the Program Schedules

Touch and hold the icon ▦ set minute, hour and weekday (1 = Monday,2 = Tuesday etc.) by using the⋀ ⋁arrows. Press ▦ once more the weekday schedule settings appear (1 2 3 4 5 will show along the bottom of the screen).Use the⋀ and⋁arrows to adjust the time. Press the icon ▦ and use the⋀and ⋁arrows to set the Temp (1st period).Press ▦ again and use⋀and ⋁ arrows to set the time and temp. (2nd period).Repeat this process for periods 3 and 4. Press the icon ▦ once more to enter the Saturday schedule settings(6 will show along the bottom of the screen).Repeat the above process to set the period and temp. and Sunday schedule.Press ▦once more to confirm and exit.

Default settings for program schedul

Time display	WEEKDAY (MONDAY—FRIDAY) (1 2 3 4 5 shows on screen)		WEEKEND (SATURDAY) (6 shows on screen)		WEEKEND (SUNDAY) (7 shows on screen)	
	TIME	TEMPERATURE	TIME	TEMPERATURE	TIME	TEMPERATURE
Period 1	06:00	20 ℃	06:00	20 ℃	06:00	20 ℃
Period 2	11:30	20 ℃	12:00	20 ℃	12:30	20 ℃
Period 3	13:30	20 ℃	14:30	20 ℃	14:30	20 ℃
Period 4	17:30	20 ℃	17:30	20 ℃	18:00	20 ℃

Use APP for one week of programming settings, please refer to the Wifi connection instructions QR code.

7. Checking the Temperature of Floor Sensor
Press and hold the ∨ for 5 seconds to display the temp. of floor sensor.

8. Setting the Functions and Options

When power is off, press and hold ⊞ for 3 sec. in order to reach system function. Then press ⊞ to change the different items
All the settings will confirm automatically when power is on.

Code	Function	Settingandoptions	Default
1	Temperature compensation	-9 to 9℃	-6
2	Deadzone Temp.	1-5℃	1
3	Button Locking	00:All buttons are locked except power button. 01:All buttons arelocked.	1
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	Temp.display	00:Display set Temp. and Room Temp. 01:Only display set Temp.splay	0
8	Low temp. protection setting.	0-10℃	0
9	High temp.protection setting.	10-70℃	45
A	Standby Brightness	3-99	4
B	Temp. protection(only for electric heating)	35-45℃	40

Wifi connection operation instructions

Before using the Wifi thermostat for the first time, you must first install the "Smartlife" app and connect the thermostat through the "Smartlife" app.

Install the APP (Figure 1-1)

Figure 1-1

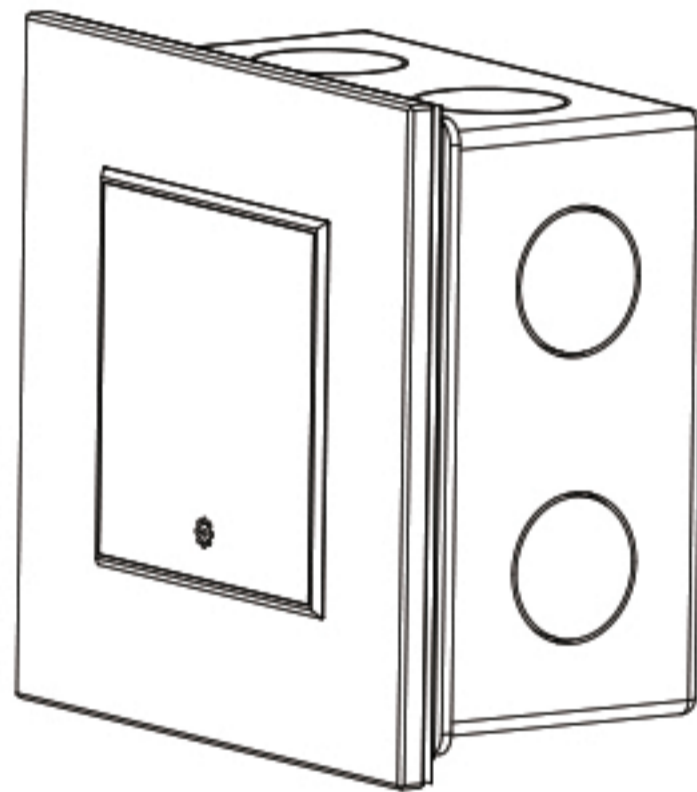Figure 1-2 IOS/AndroidS

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

For the specific steps of Wifi connection, please scan the QR code below to get related videos.

Zigbee Thermostat User Guide

(Zigbee Series)

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*If a hard plastic wire is used in the installation process, it must be bent to an appropriate angle in advance;
*Please arrange for professionals to install;
*Please contact the after-sales service for equipment failure, please do not try to repair it yourself;
*After installation, please refer to this manual to check again to ensure normal and safe use, and keep this manual properly.

MODEL DEFINITION

The thermostat is suitable for electric heating, water heating, wall-hung boilers and boiler temperature control systems, and can be used in smart homes, shopping malls, and industrial operations. Before use, please confirm the specific model of this product and the corresponding heating equipment.

HTWZ - suitable for water heating equipment
HTEZ - suitable for electric heating equipment
HTBZ - suitable for wall-hung boilers, boiler equipment
Please refer to the wiring diagram to identify the model or contact the dealer.
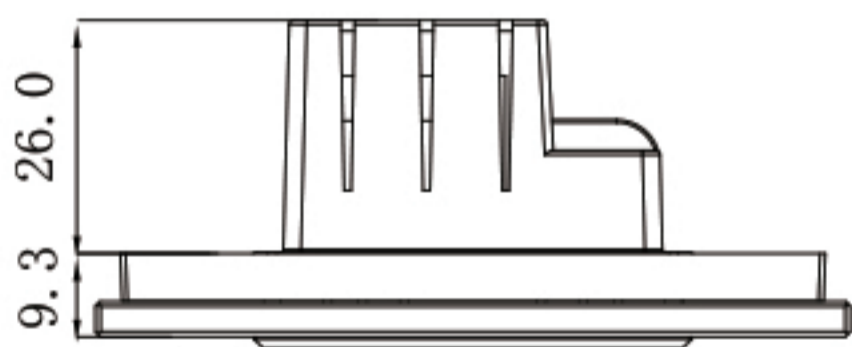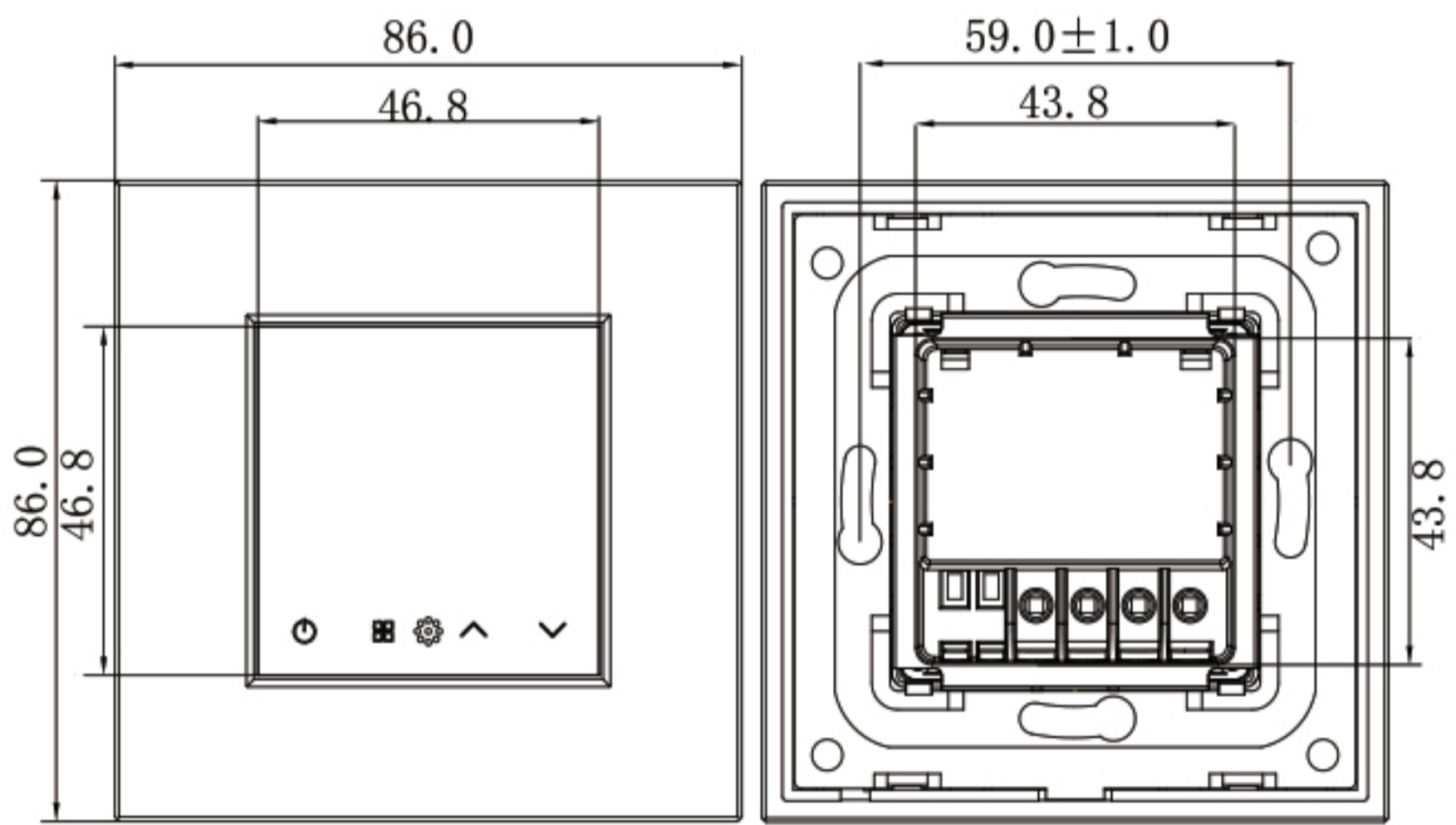
FEATURES

On Appearance

1. Convennient operation creates convenient life.
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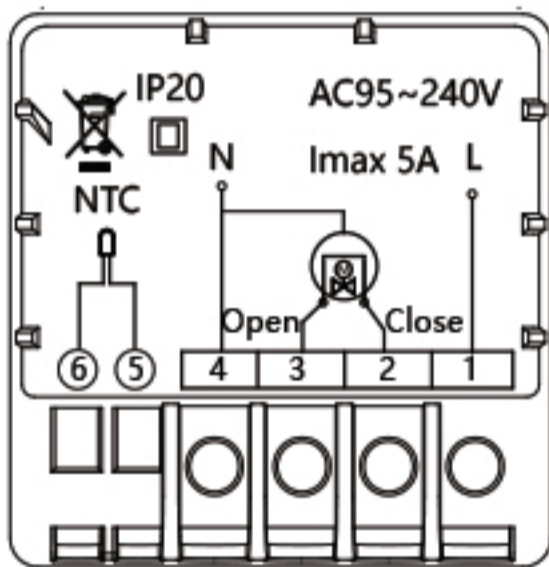5. Integrated with Amazon Echo, Google Home, Tmall Genie .

In the box you will find

Thermostat 1pc   Screws 2pcs   User Guide 1pc

QC Passed 1pc   Floor Sensor (2.5m) 1pc(Floor sensor is Optional)

TECHNICAL DATA

Power Supply: 95~240VAC, 50~60HZ
Current Load: 5A (water heating/water boiler/gas boiler)
              16A (electric heating)
Sensor: NTC
Accuracy: ±0.5℃
Timing Error: <1%
Set Temp. Range: 5~35℃
Power Consumption: <1.5W
Buttons: Capactive Touch Buttons
Screen: negative LCD screen
Installation Box: European 503 Box
Protection Class: IP20
Shell Material: PC+ABS (flame retardant)
Ambient Temp./Humidity:
0~45℃, 5~95%RH (non condensing)

DIMENSION(mm)

86.0

46.8

86.0

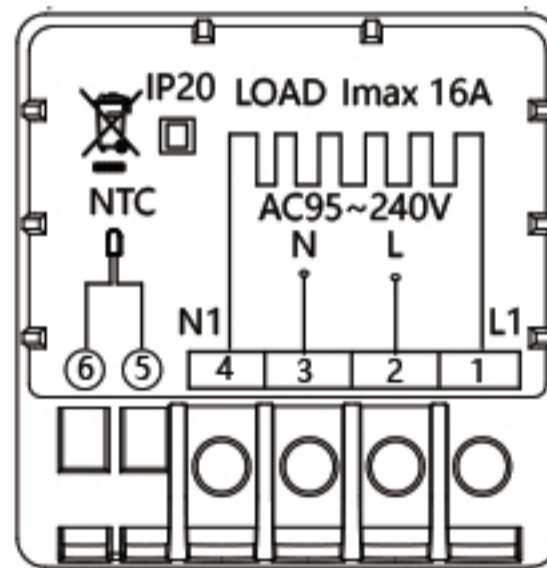46.8

59.0±1.0

43.8

43.8

26.0

9.3

CAUTION !

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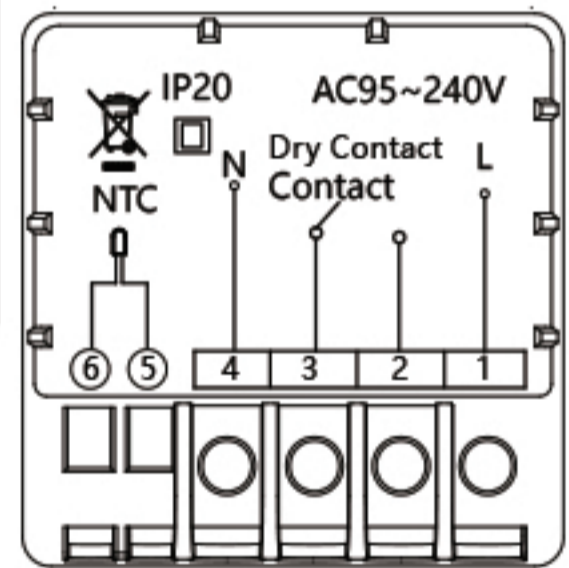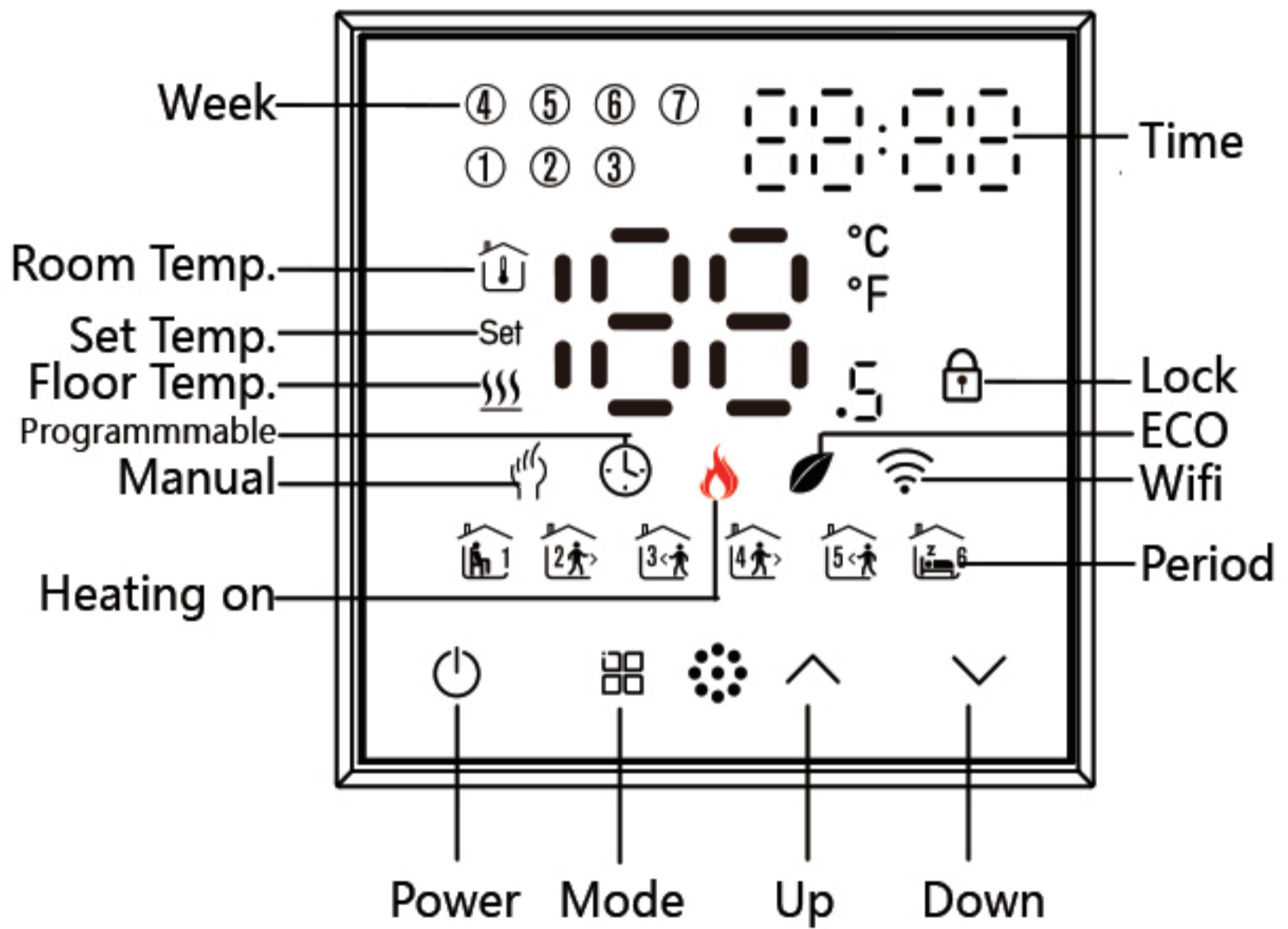Disconnect power supply before installation.**

WIRING

HTWZ

HTEZ

HTBZ

Note:
HTWZ is for water heating;
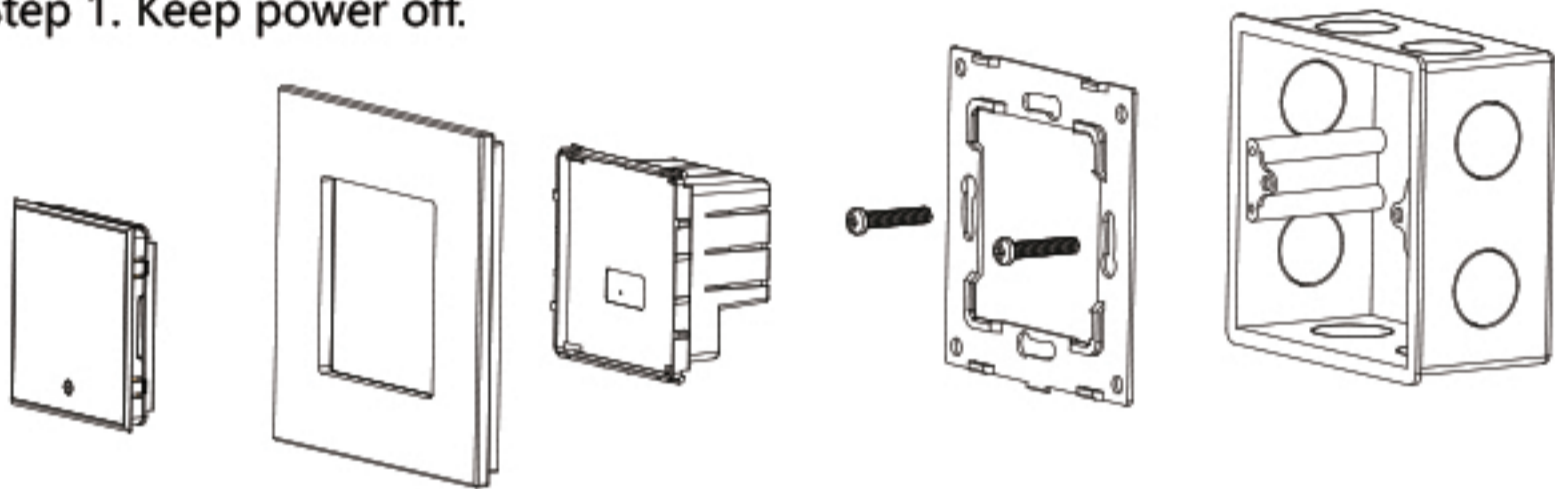HTEZ is for electric heating;
HTBZ is for water/gas boiler;

SHOW DESCRIPTION

Week
④ ⑤ ⑥ ⑦
① ② ③

Time

Room Temp.

Set Temp.

Floor Temp.

°C
°F

.5

Lock

Programmmable

ECO

Manual

Wifi

Period

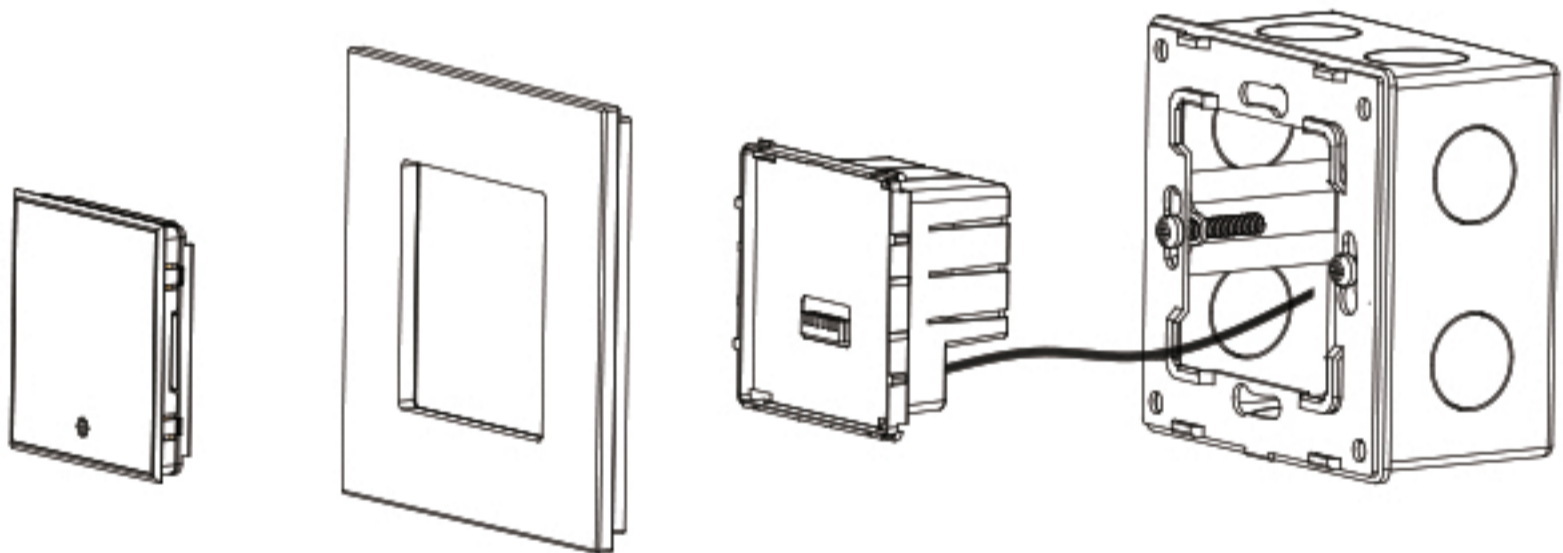Heating on

Power   Mode   Up   Down

INSTALLATION

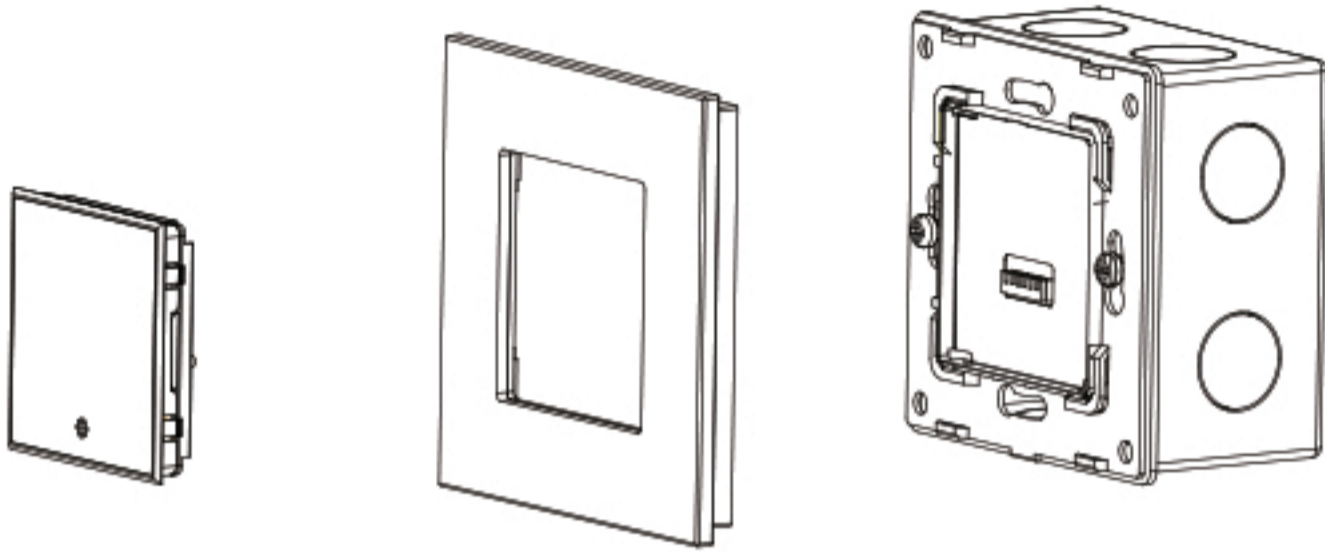Your thermostat is suitable for installation within a standard 503 pattress box.
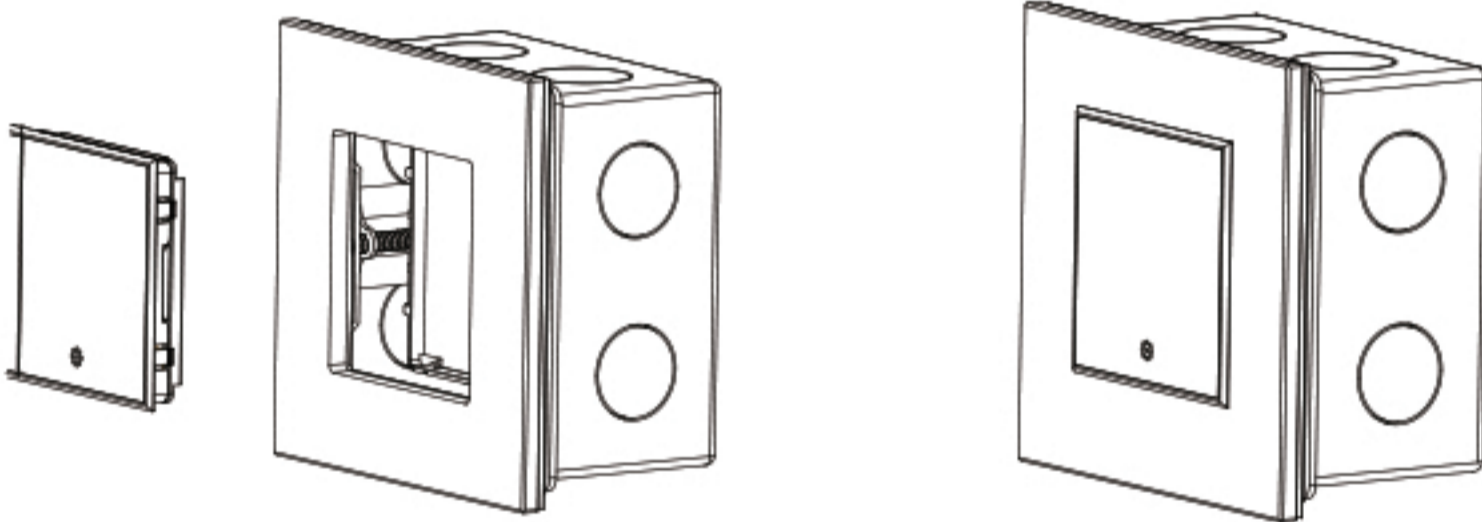
Step 1. Keep power off.

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INSTRUCTIONS

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4. Adjusting/Setting the Clock

Touch and hold the icon ⊞ set minute, hour and weekday (1 = Monday, 2 = Tuesday etc.) by using the ⋀⋁ arrows. Press ⏻ power off and on, the settings are saved.

Default settings for program schedule

Time display	A WEEK(MONDAY—SUDAY) (1 2 3 4 5 6 7 shows on screen)	
	TIME	TEMPERATURE
Period 1	06:00	20 ℃
Period 2	11:30	20 ℃
Period 3	13:30	20 ℃
Period 4	17:30	20 ℃

Use APP for one week of programming settings, please refer to the Zigbee connection instructions QR code.

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Press and hold the ⌄ for 5 seconds to display the temp. of floor sensor.

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When power is off, press and hold ⊞ for 3 sec. in order to reach system function. Then press ⊞ to change the different items All the settings will confirm automatically when power is on.

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A	Standby Brightness	3-99	4
B	Temp. protection(only for electric heating)	35-45℃	40

Zigbee connection operation instructions

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Figure 1-1

Figure 1-2 IOS/AndroidS

Search for "Smartlife" in the Apple Store or Google Play or scan the QR code above with a browser (1-2),
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