

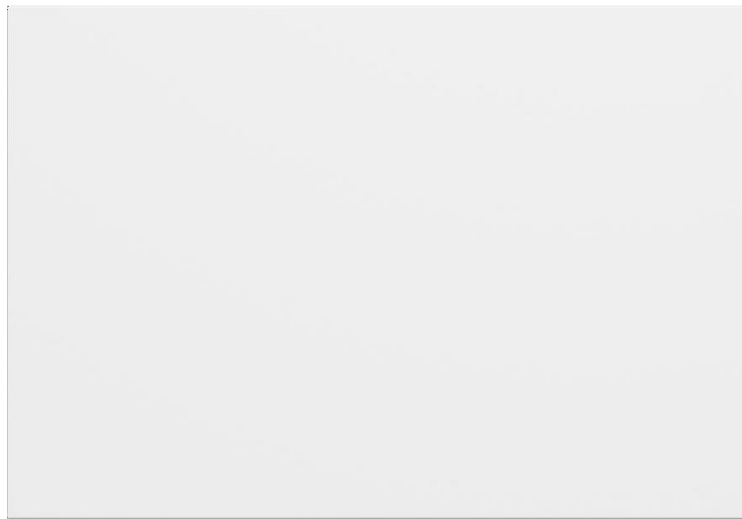


# METZ

## ELECTRIC PANEL RADIATOR

The **Metz Electric Panel Radiator** has been designed to provide soft and even heating that can quickly heat up any room.

Packed with a range of features and engineered to offer continuous home heating along with user friendly functionality, the Metz comes equipped with an easy to use LED control panel.




**Model Numbers:** 640080, 640081, 640082, 640083



## WARNING

### SAFETY INSTRUCTIONS

#### Please read carefully before using the device.

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance if it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance should not be placed immediately below a socket.
- WARNINGS: In order to avoid overheating, do not cover the heater. 
- Do not use this heater with a programmer, timer, separate remote-control system or any other device that turns on the heater automatically because there is a risk of fire if the device is covered or placed incorrectly.
- CAUTION: To avoid hazard due to inadvertent resetting of the thermal cutout, this appliance must not be powered via an external switch, such as a timer, or connected to a circuit that is regularly switched on and off by the electricity supplier.
- This heater must not be disposed of with household waste; it must be taken to a local center of recovery and recycling of electrical appliances.
- The heater must be installed so that switches and other control devices cannot be touched by a person in the bath or shower.
- A means of disconnection from the power supply having a contact opening distance of all poles must be included in the fixed wiring in accordance with the installation requirements.
- WARNING: If this device is installed in a bathroom, it must be installed at least 60 cm from a bath or shower, in accordance with the requirements in the country of installation.
- The device must be powered through a Residual Current Device (RCD) having a rated differential operating current not exceeding 30 mA.
- If being fitted in a bathroom, a 30mA RCD must be used.
- With respect to the details of how to install the appliance onto the wall, refer to part "INSTALLATION".
- Regarding the detailed information on the connection of the electric cable, refer to the section "ELECTRICAL CONNECTION".

## INSTALLATION

### Please read carefully before using the device.

- Do not install the unit directly below a socket.
- Do not install the unit in a damp room or near a water source.
- Do not use the appliance outdoors.
- Do not install the unit in an air current that could disrupt its regulation.
- Do not place the unit near a barrier limiting the airflow around it.
- Attach the heater vertically to the wall as described below.
- Choose screws and plugs suitable for the wall material and weight of the unit.

### To hang the heater on the wall:

Model	Watt	A	B
640080	750W	325mm	610mm
640081	1000W	395mm	680mm
640082	1500W	605mm	890mm
640083	2000W	750mm	1035mm

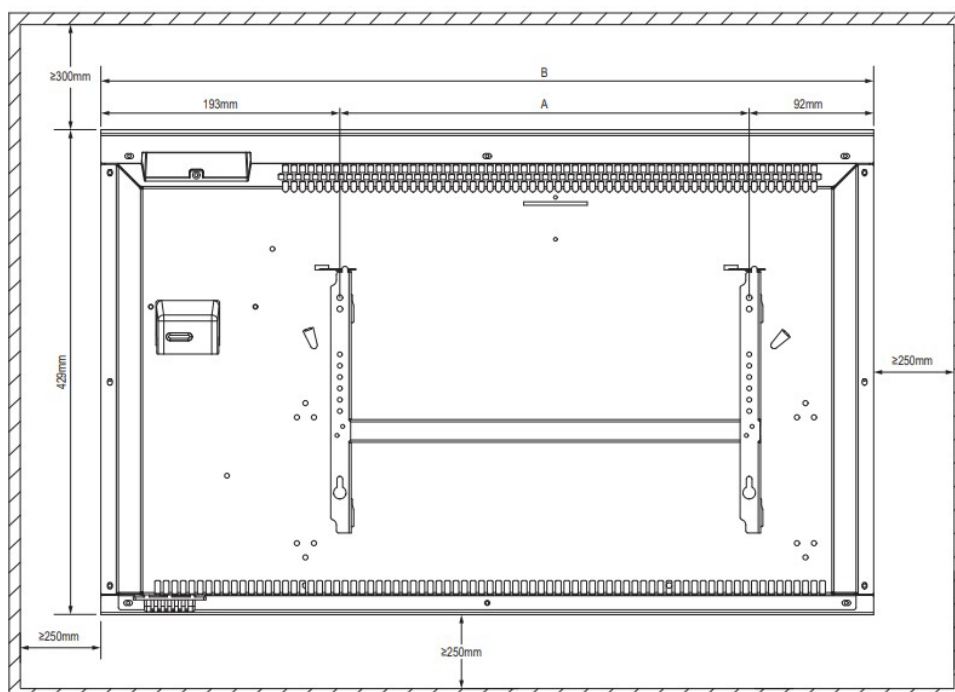
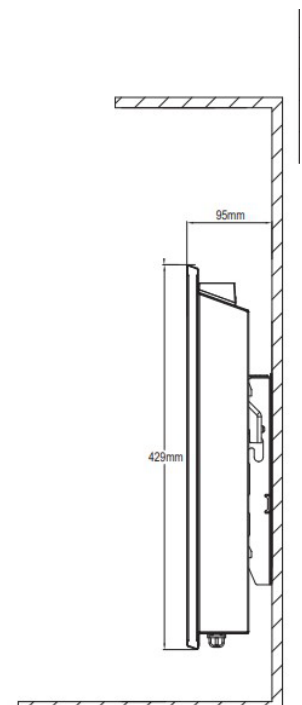


Fig 1



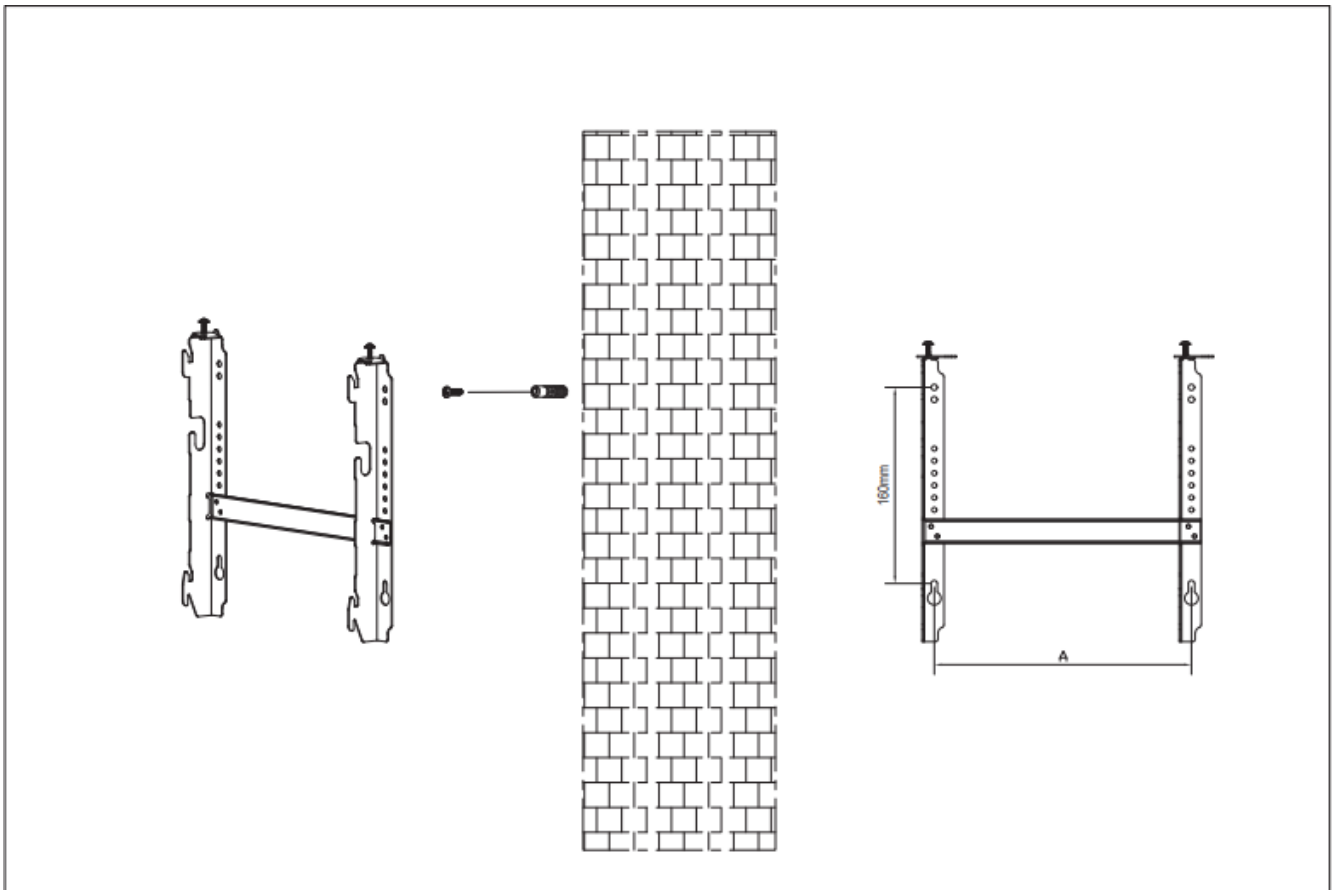


Fig 2

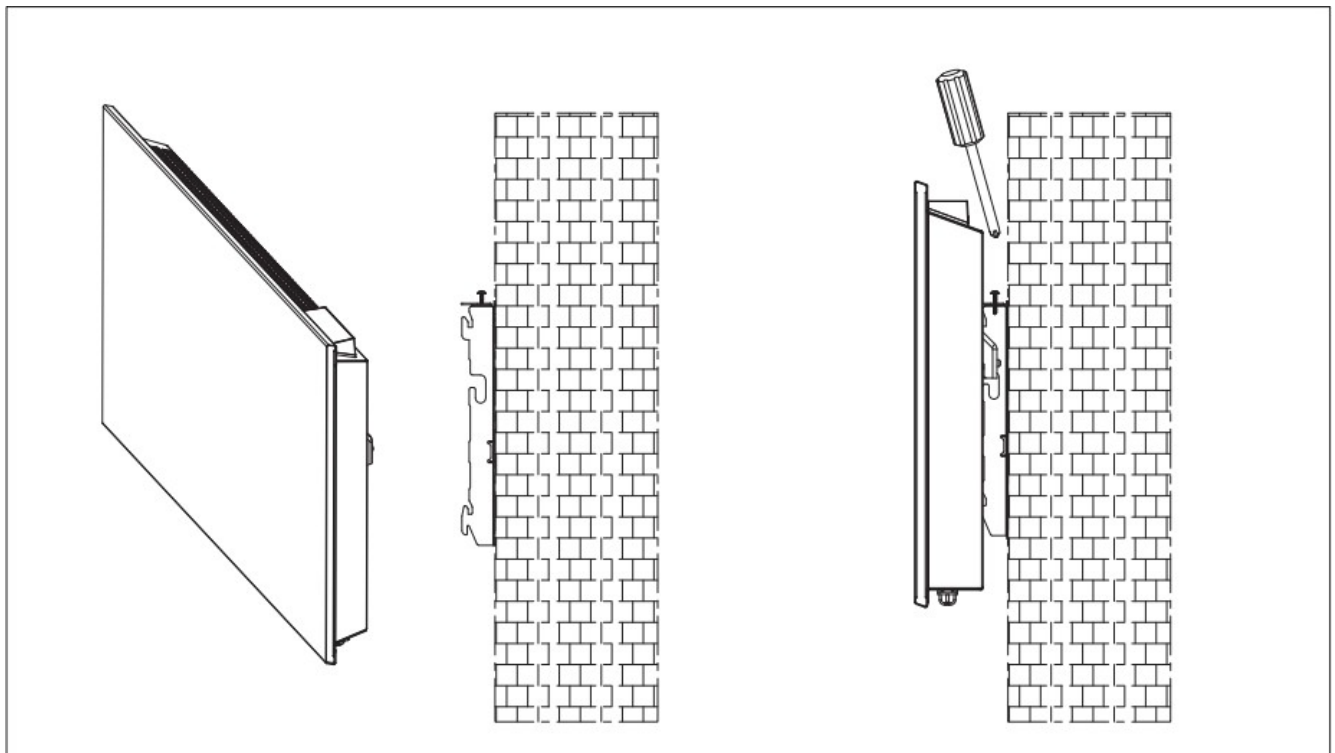


Fig 3



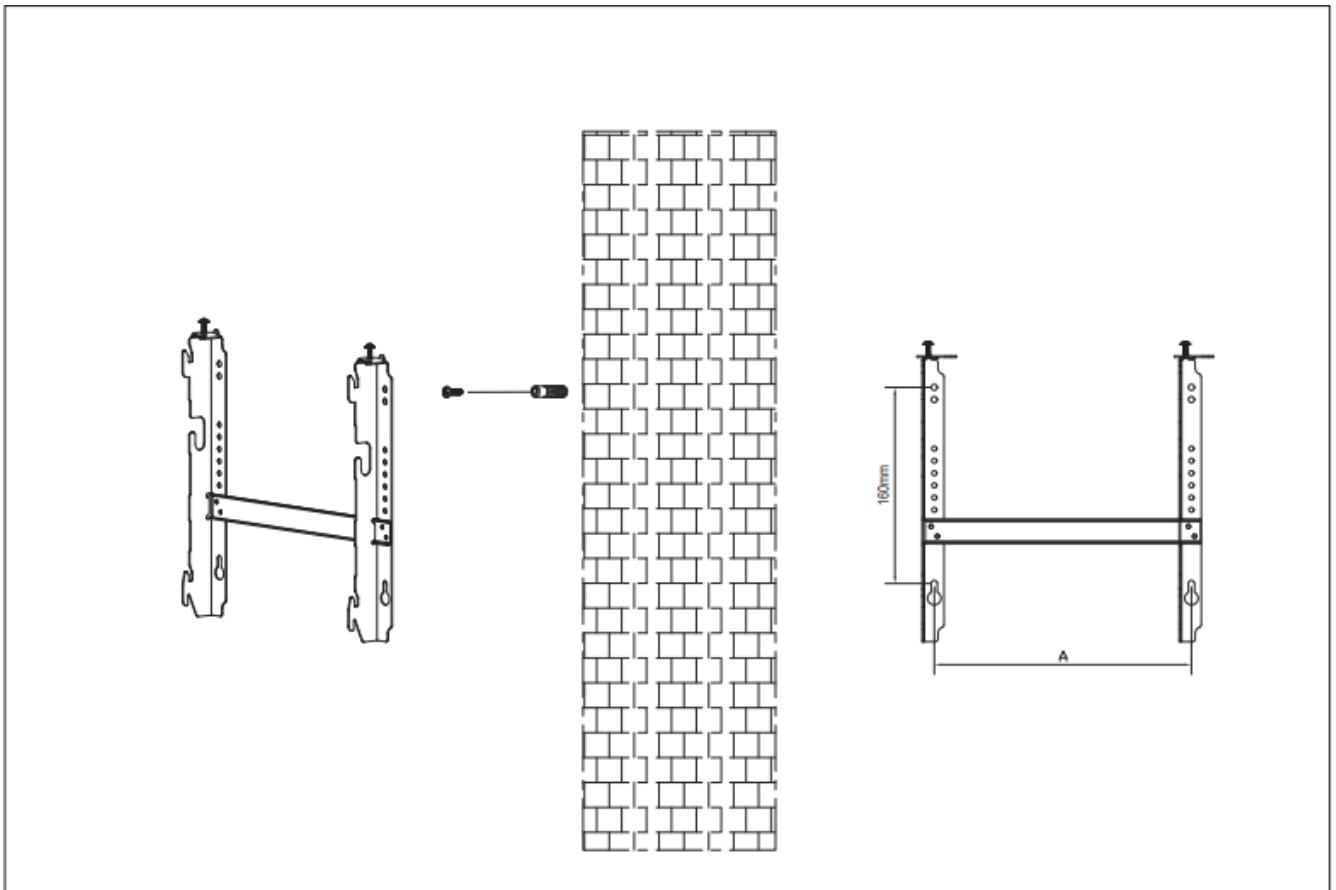


Fig 2

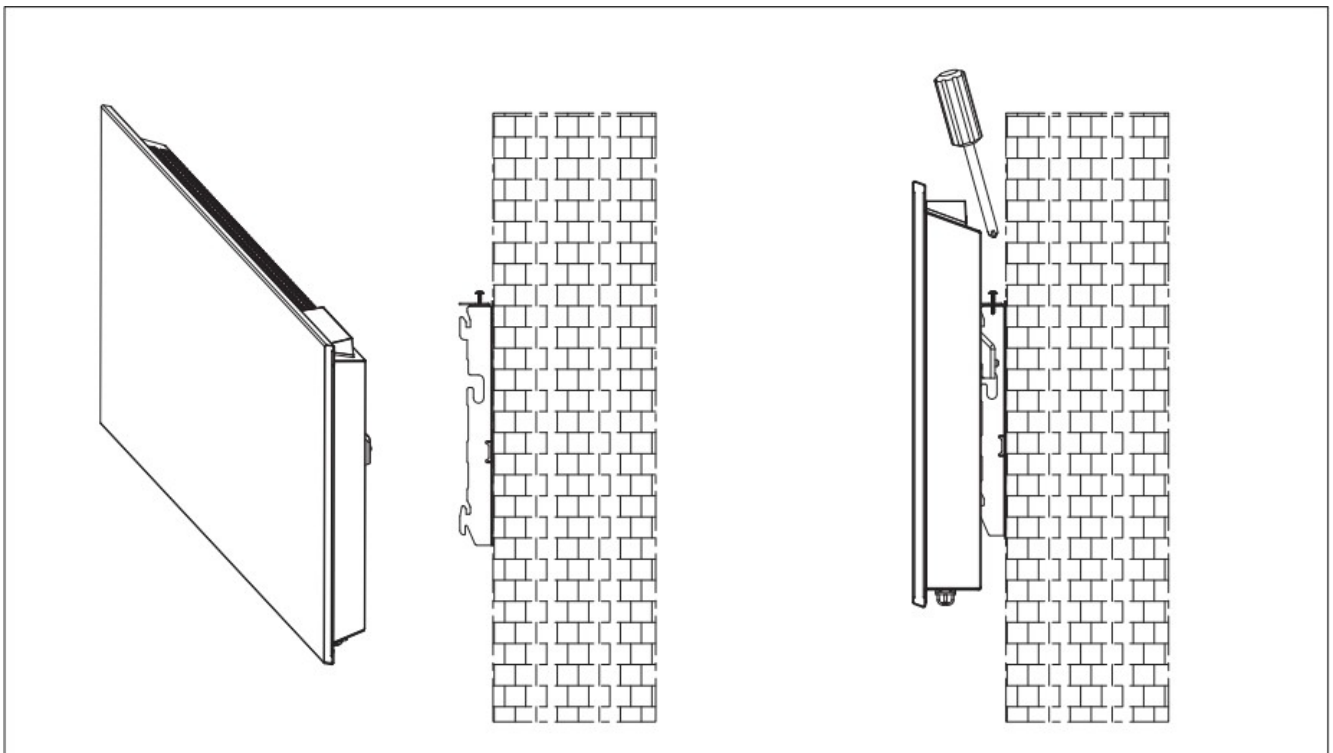


Fig 3

## INSTALLATION GUIDE

To be used by installers only

1. Choose a suitable installation location for the heater. Follow the minimum distances in all directions (Fig 1). Disassemble the wall bracket by loosening the screw (not screw off, only loosen) and sliding the metal pieces out of the hole. Take out the bracket by pulling it down.
2. Verify that the bracket is perfectly horizontal with a spirit level and mark the location of holes on the wall. Drill holes in the wall for the pegs with a suitable drill bit. Insert the pegs into the holes, then screw the wall mount bracket securely onto the wall (Fig 2).
3. Place the heater against the bracket. Fix the heater on the 2 downwards hooks. Pull the heater upwards whilst keeping it in the 2 lower hooks. Fix the heater on the 2 upwards hooks. Pull the heater down. Slide the 2 metal pieces on top into the hole, and fasten the screws to lock the wall mount bracket (Fig 3).

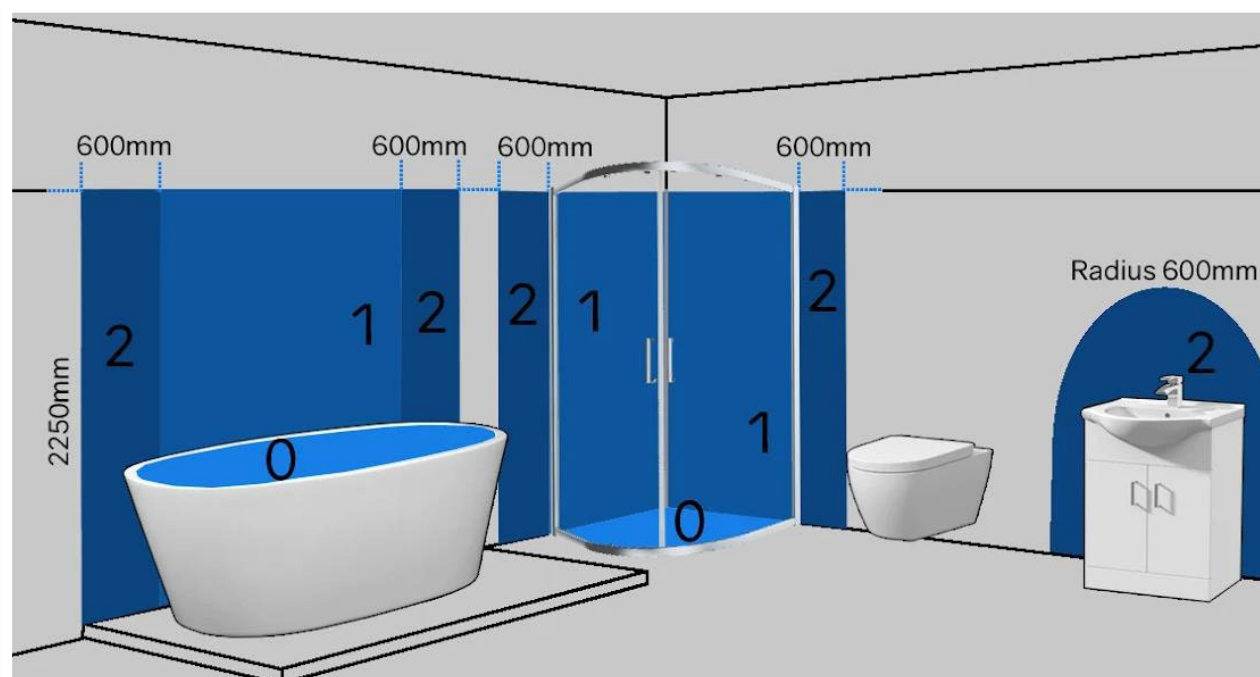
## INSTALLATION IN THE BATHROOM

**Warning:** This appliance must be only installed in the zone 2 or outside the bathroom, as stated in in accordance with the current standards in the country of installation for electrical installation inside the house.

Note: The drawing is for reference only.

We suggest that you contact a professional electrician for assistance.

Appliances used in bathrooms must be installed so that the switches and other devices for controlling the appliance cannot be touched by an individual in the bath or the shower.



## ELECTRICAL CONNECTION

**Caution:** Before any intervention, turn off the electricity at the main circuit breaker.

- The installation must be carried out according to the requirements and meet the standards enforced in the country.
- The unit must be connected to a standard wall box placed at least 25 cm from the floor.
- The appliance must not be connected to an outlet with a power plug.
- The appliance must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- The appliance must not be connected to the earth wire (yellow and green wire)..

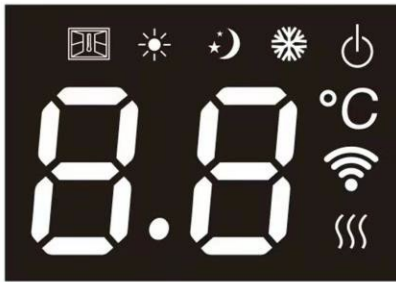
Blue or light gray wire connect to Neutral (230V) Brown or red wire connect to Phase (230V)








Black wire connect to pilot wire. (Optional function to use in case of control by pilot wire box)

**WARNING!** Do not connect the black wire to the earth connection.

In the absence of pilot wire, insulate the bare end of the black wire to prevent electrical contact with the other wires or earth.


## LCD DISPLAY



Symbol	Function
	Stand-by mode (the appliance will not work but will receive power)
	Anti-freeze mode (the appliance maintains a temperature of around 7°C)
	Comfort mode (desired set temperature)
	Eco mode
	Window detector function
	WiFi
	Heating indicator (When appliance is heating up, this icon will be displayed at the screen. The icon will disappear when the room temperature reaches the selected temperature)
°C	Temperature (centigrade)


## CONTROL PANEL





Symbol	Function
	Stand-by mode
OK	Shift modes (Comfort mode, Economy mode, Anti-freeze mode, P1, P2, P3, P4, P) or confirm
+/-	set the temperature, from 5°C to 35°C, increase/decrease by 1°C each step.

## OPERATION

**Caution:** Before any intervention, turn off the electricity at the main circuit breaker.

- When turn on appliance, the appliance will show 21°C at comfort mode as factory default setting.
  - The heating indicator icon  will light on only when the product is heating up. Temperature adjustment:
  - Press “+” or “-” to set temperature. Min. setting is 5°C, Max. is 35°C. Pressing and holding “+” or “-” makes the adjustment faster.
- In the event of a power failure, the heater will resume to work under the same mode and set temperature after the power is resumed.
- Short press OK to shift among the following modes: comfort, eco, anti-freeze, P1, P2, P3, P4, P. (After flashing 5 seconds, the display will show set temperature except P mode.)

Comfort mode:  will light up and the display will show set temperature. You can short press “+” / “-” to adjust the temperature.

Eco mode:  will light up and the display will show set temperature. You can short press “+” / “-” to adjust the temperature.

Anti-freeze mode:  will light up and the appliance maintains a temperature of around 7°C.

P1-P4 mode: the default programs are as below. Among them, P1 to P3 are fixed pre-set programs while P4 is a free weekly personalized program.








P1	HOURS	Temperature	MODE
MON-FRI	06:00-09:00	21	COMFORT
	09:00-16:00	17	ECO
	16:00-23:00	21	COMFORT
	23:00-06:00	17	ECO
SAT-SUN	07:00-23:00	21	COMFORT
	23:00-07:00	17	ECO

P2	HOURS	Temperature	MODE
MON-SAT	06:00-09:00	21	COMFORT
	09:00-16:00	17	ECO
	16:00-23:00	21	COMFORT
	23:00-06:00	17	ECO
SUNDAY	07:00-23:00	21	COMFORT
	23:00-07:00	17	ECO

P3	HOURS	Temperature	MODE
MON-SUN	06:00-09:00	21	COMFORT
	09:00-16:00	17	ECO
	16:00-23:00	21	COMFORT
	23:00-06:00	17	ECO

P4	HOURS	Temperature	MODE
MON-SUN	07:00-23:00	As set temperature	COMFORT
	23:00-07:00	As set temperature	ECO

In Pilot wire mode P, set the heating using the external timer. When the external programmer is set to another mode, the display shows:

External Mode Setting	Icon Displayed
Comfort mode 	<b>P</b> 
Economic mode 	<b>P</b> 
Antifreeze mode 	<b>P</b> 
Stand-by mode	<b>P</b> 

4. Short press or keep pressing the “+” / “-” icon to change the set temperature. Short press “+” / “-” to adjust the temperature, 1°C each step, the temperature range is from 5 to 35°C. Keep “+” / “-” pressed to increase/decrease the temperature quickly.

5. Setting menu

Press and hold “+” / “-” simultaneously to enter or exit the setting menu.

The setting menu can be used to show the function list of the appliance: td: time setting

Pr: P4 (free weekly personalized program) C:

temperature calibration

Ll: adjustment of screen brightness AS:

adaptive start function

### P4 free weekly personalized program

Press “+” or “-” to select “Pr”, and short press “OK” to enter Pr (P4) free weekly program setting interface (the default modifiable program is P4).

You can select 2 set temperature points for each hour of the 24 hours of the day, and each day of the week: COMFORT (☀️) and ECO (🌙).

The default day is d1. You can press “+”/“-” to select from d1/d2/d3/d4/d5/d6/d7 (d1-Monday, d2-Tuesday, d3-Wednesday, d4-Thursday, d5-Friday, d6-Saturday, d7-Sunday). Press “OK” to confirm the day.

The display shows 0 to mean the first hour (0:00-0:59). Short press “+” to select comfort (☀️), “-” to select eco (🌙), or “OK” to keep the previous setting. After selecting the working mode for the 1st hour, the appliance will automatically move to the 2nd hour. Press “+” or “-” or “OK” to select the working mode of the 2nd hour and enter the next hour setting. Repeat above until you select the working mode for the 24th hour (23 is displayed on the screen) setting. The heater will then automatically go back to the setting interface of day of the week.

After you finish setting the day, press “OK” to confirm and repeat the same operation for rest of the days. After you finish the setting of P4, the display will flash for 30 seconds and then go back to the setting menu with the display showing “Pr”. “Pr” will then flash for 10 seconds, and then the display will go back to the working mode interface.

To check the whole program of P4, keep “+” & “-” pressed for 5 seconds when the display shows “Pr”. The screen will show the whole program hour by hour for each day of week.

### Temperature calibration setting :

Press “+” or “-” to select “C”. and Short press “OK” to enter C—temperature calibration setting interface.

“0” will be shown on the display as default. Press “+” / “-” to set the compensation temperature within  $\pm 5^{\circ}\text{C}$ . Example: the temperature setting on your heater is  $24^{\circ}\text{C}$ . The heater stops heating even though your thermometer says the temperature is only  $22^{\circ}\text{C}$ . In this case, choose the calibration value  $-2^{\circ}\text{C}$ .

### Adjustment of screen brightness:

Press “+” or “-” to select LI. Press “OK” to enter LI—screen brightness setting interface. You can adjust the brightness of the screen. The default setting value is 3.

Press “+” / “-” to choose from grade 1 to 5. Grade 1 is the darkest while 5 is the brightest.

### Adaptive start function


Press “+” or “-” to select “AS”. Press “OK” to enter Adaptive Start setting interface. The screen will show “on” or “oF”. Press “+” or “-” to change the selection. When “on” is selected, the Adaptive Start function is activated. When “oF” is selected, the function is deactivated. Default setting is “OF”.



This feature measures the thermal inertia of the room and turns on the heaters in advance to ensure “comfort” temperature is reached at the set time. This function can turn on the appliance for heating maximum 2 hours in advance.

Remarks: This function applies for P1, P2, P3 programs only.



### Window detector function

Press “+” & “OK” for 5 seconds to enter the window detector setting with “” flashing. The display will show “on” or “oF”. Press “+” or “-” to select. If “on” is selected, the window detector function is activated. When “oF” is selected, the window detector function will be deactivated. Press “OK” to save. After 5 seconds without operation, the heater will also automatically save the setting and return to previous working mode. The default factory setting is off.

When “on” is selected, the icon “” will show on the screen. When temperature decrease is detected, the appliance will enter anti-freeze mode (the screen shows 7°C with “” flashing. When temperature increase more than 2°C, it will go back to previous working mode. You can press any button to return to the previous working mode.

### Child lock:

Press “OK” for 5 seconds until the screen shows “CC”. The child lock is now activated. Repeat same operation to deactivate the child lock function.

When child lock is activated, “CC” will flash 3 times and go back to temperature display. Press any icon on the control panel, the screen will show “CC” 3 times and go back to temperature display.

The child lock function will remain in function after resuming operation after a power failure.

### Display Auto Off

Activate: press “-” & “OK” for 5 seconds. The screen will flash 3 times and activate the Display Auto Off function. The display switches off if there is no operation within 30 seconds. Press any icon to light the display on again.

Deactivate: repeat the same operation to deactivate this function.

When the Display Auto Off function is activated, press and hold “OK” & “-” simultaneously for over 5 seconds, during the process all icons on the display flash slowly, until all icons on the display go off, the Display Auto Off mode will be deactivated.


### Memory function

After the power switches off, the heater memorizes the working set temperature before the power failure and continues to work after power resumes. In the event of a power failure, the heater will keep the internal clock running 24 hours. If the power is disconnected for more than 24 hours, when the power is turned on again, the heater will return to the last used temperature, the internal clock will return to the default time and start running again. The screen will flash, indicating that there has been a power outage. The blinking state will continue until any button is pressed to cancel the blinking.




### Heating icon

1. When it is detected that the ambient temperature is lower than the set temperature and the heater needs to start working, the heating icon will light up. If the ambient temperature is detected to be higher than the set temperature, the heating icon will turn off.
2. In standby state, the heating icon is not displayed.

## Reset

Press and hold “+” and “” at the same time for more than 5 seconds. The screen will show “rE”. The setting temperature will go back to factory default setting 21°C.

## WiFi connection

Insert the power plug and turn on the power switch. Choose “OF” mode by pushing the “” button until the “OF” symbol is displayed. Keep pressing “” for more than 5 seconds and the icon “” will flash.

## In case of power failure

All of the above settings for temperature, time, date of the week, and programs remain valid until the power is removed.

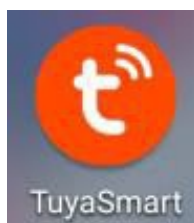
After a power failure, when power is restored, the device will go back to the mode and temperature selected before the power failure.

In the event of a power failure, the device only saves the following parameters: temperature and operating mode. When the power is restored, the date and time must be set in order to make the various programs work correctly.

## Connect WiFi by TuyaSmart

### 1. Download APP

You can download the app by searching for “TuyaSmart” App in your app store or by scanning the following QR code.




(successfully installed)

### 2. Registration




Open the “TuyaSmart” App, register an account: you can use either phone no. or email address to register. You will get a verification code. Enter the verification code and then set your own password. Use your password to log in.

Register



**Log In**

Try as Guest

☐ I agree to 《Privacy Policy》 《User Agreement》 and 《Children's Privacy Statement》 and 《Third Party Information Sharing List》

**User Agreement and Privacy Policy**

Privacy Policy and Service Terms We understand the importance of privacy protection. To fully present our collection and use of your personal information, we have revised our "Privacy Policy", "Service Terms", and "List of Third Party Information Sharing List" in detail in accordance with the latest laws and regulations.

If you are under the age of 14, please be sure to notify your guardian to read our "Children's Privacy Protection Statement" together, and seek their consent and guidance before you use our products and submit personal information.

Please read through the following terms and conditions before you use our products and/or services (collectively referred to as

[Privacy Policy](#) [User Agreement](#) [Children's Privacy Statement](#) and [Third Party Information Sharing List](#)

**Agree**

Disagree

**Register**

Mobile Number/Email

☐ I Agree [Privacy Policy](#) [User Agreement](#) [Children's Privacy Statement](#) and [Third Party Information Sharing List](#)

**Get Verification Code****Enter Verification Code**







Verification code has been sent to your mobile phone: [Resend \(54s\)](#)

[Didn't get a code?](#)

**Set Password**

Password

Use 6-20 characters with a mix of letters and numbers

**Done****Log In**

Please enter the account

Password

☐ I Agree [Privacy Policy](#) [User Agreement](#) [Children's Privacy Statement](#) and [Third Party Information Sharing List](#)

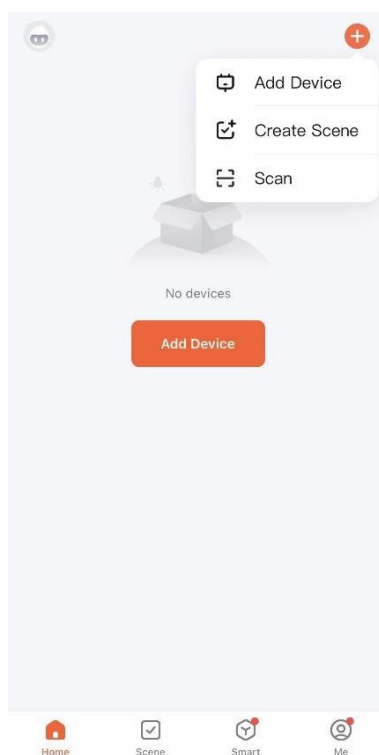
**Log In**

[Forgot Password](#)



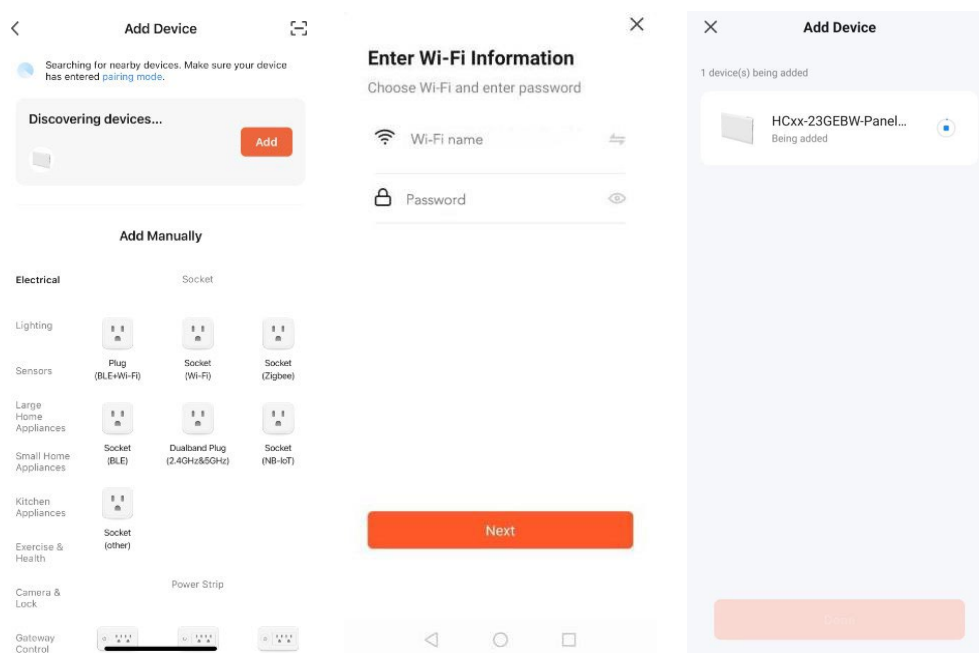
## 2. Add an connect device

- 1) Insert the power plug and turn on the power switch. Choose “Stand by” mode by pushing the “ ” button until the “Stand by” symbol is displayed. Keep pressing “ ” for more than 5 seconds and the icon “ ” will flash.
- 2) Press “+” icon on right top page or the “Add Device” button in the middle page to start adding device

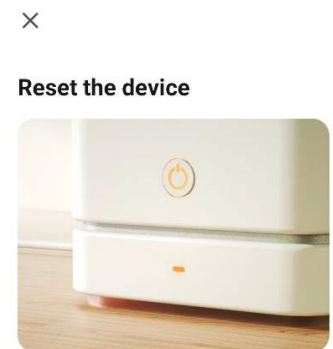
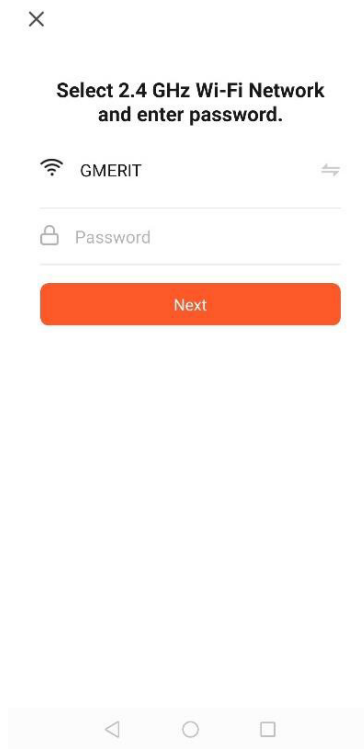
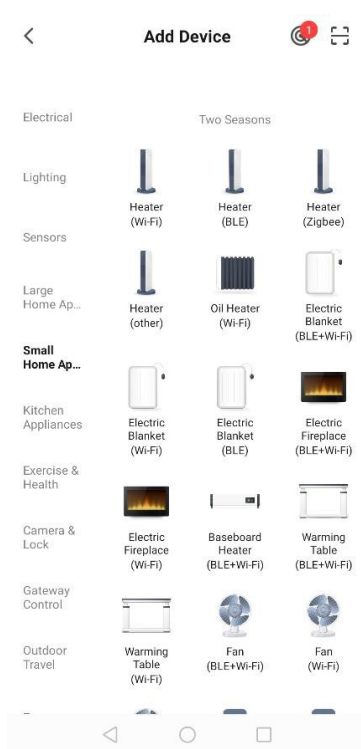


## 3) There are 2 methods to connect the service:

Method 1: Press “Add” button in the middle page (in this case, you need to keep your phone Bluetooth on). Then enter the Wi-Fi password. Press “next” to start connecting. (Now only 2.4G Wi-Fi is supported. Please make sure your Wi-Fi is 2.4.)



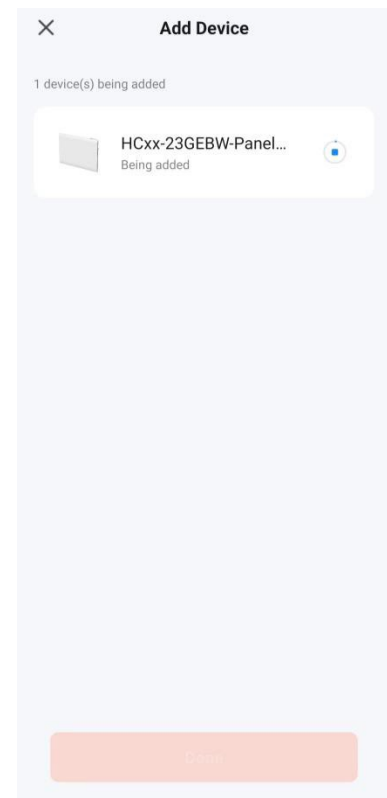
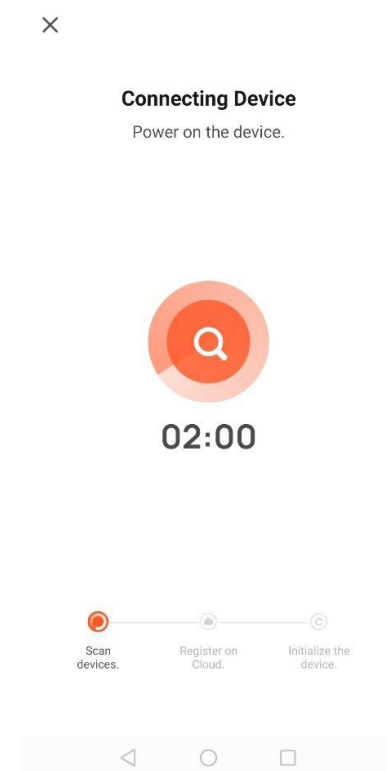
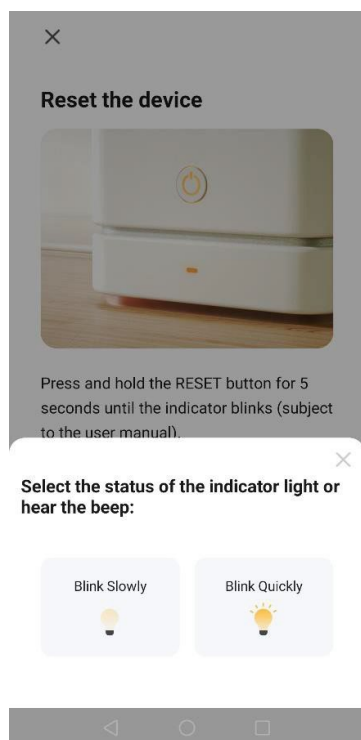
Method 2: Choose “Small Home appliance” under “Add Manually”. And then choose “Heater”. Then enter the Wi-Fi password. Press “next” to and choose your preferred indicator status to the start connecting. (Now only 2.4G Wi-Fi is supported. Please make sure your Wi-Fi is 2.4.)



Press and hold the RESET button for 5 seconds until the indicator blinks (subject to the user manual).

Confirm the indicator is blinking

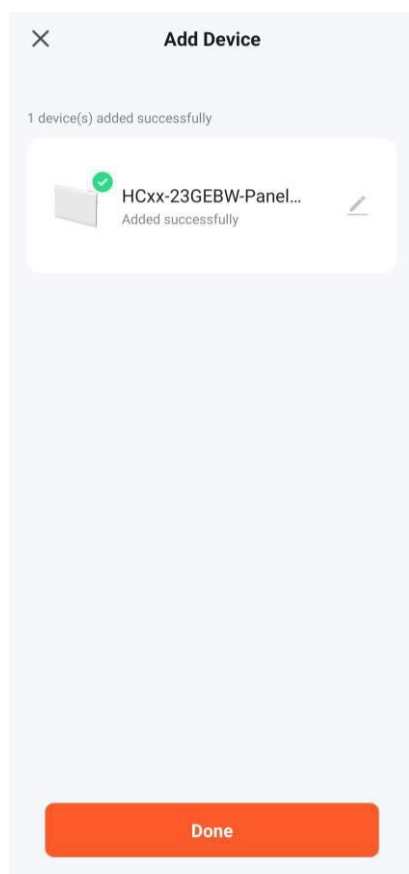
[Reset Device Step by Step](#)




#### 4. Connect successfully

When it's successfully connected, the WiFi icon will stop flashing and keep on (including Standby mode).  
And the App will show "Device added successfully".

Press "done" to start your operation for the appliances over your phone.

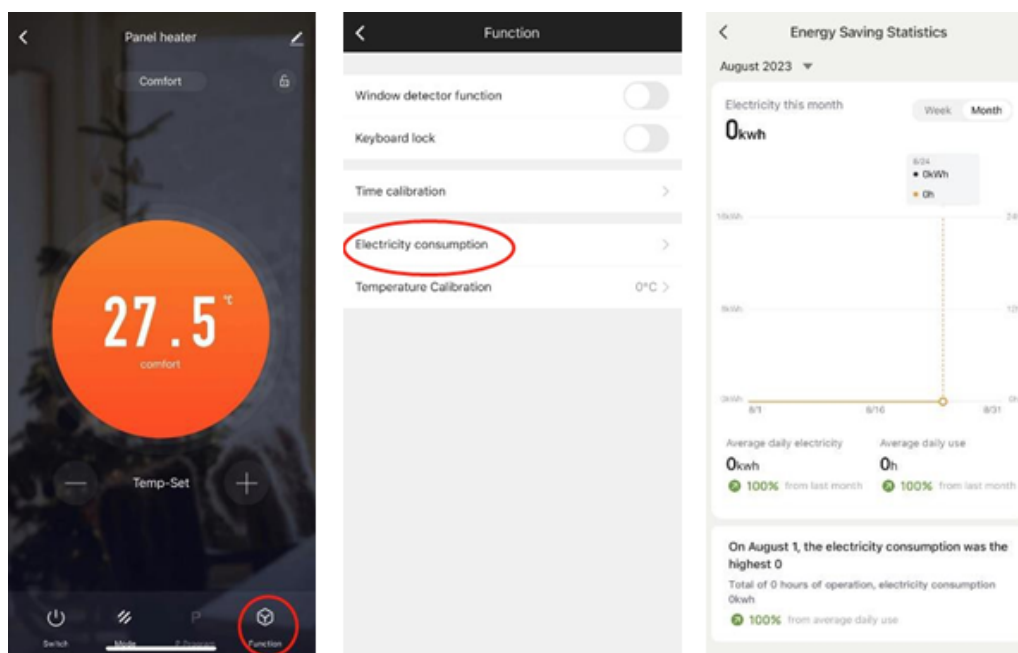


#### Notes:

1. If there is no operation in 3 minutes after pressing "  " for more than 5 seconds, then the WiFi function will stop flashing and disappear from the screen.
2. If you need to reconnect your WiFi for the appliance, repeat step 3.

## 8. Electricity consumption function

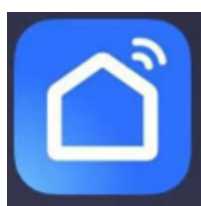
You can check energy consumption and heating time from APP.



## 9. Connect WiFi by Smart Life

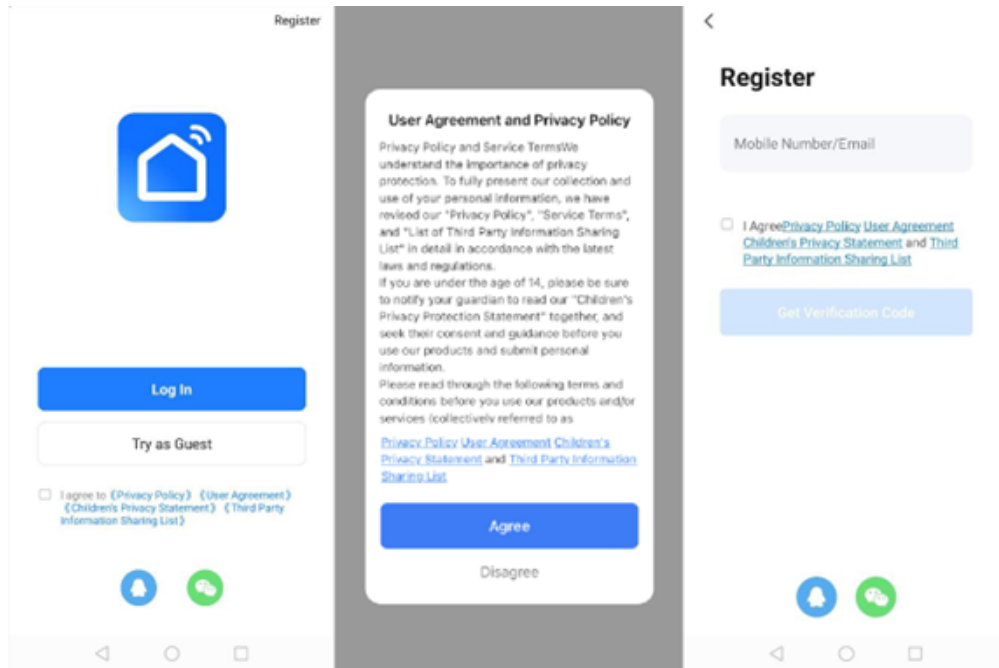
### 1. Download APP

You can download the app by searching for "Smart Life" App in your app store or by scanning the following QR code.



### 2. Registration

Open the "Smart Life" App, register an account: you can use either phone no. or email address to register. You will get a verification code. Enter the verification code and then set your own password. Use your password to log in.



## Enter Verification Code







Verification code has been sent to your mobile phone:  
Resend (54s)

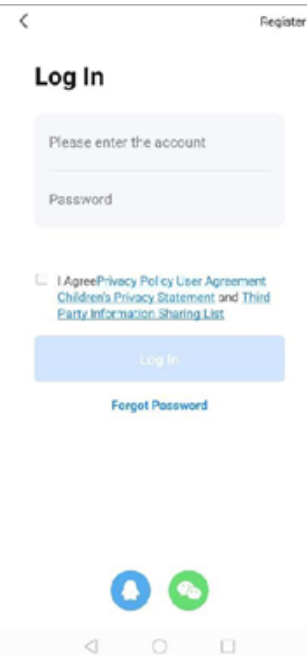
Didn't get a code?

## Set Password

Password




Use 6-20 characters with a mix of letters and numbers

Done

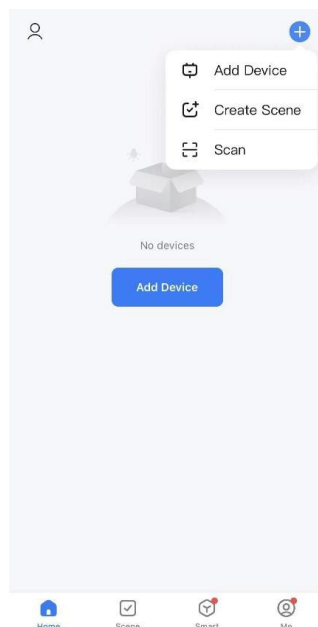




### 3. Add and connect device

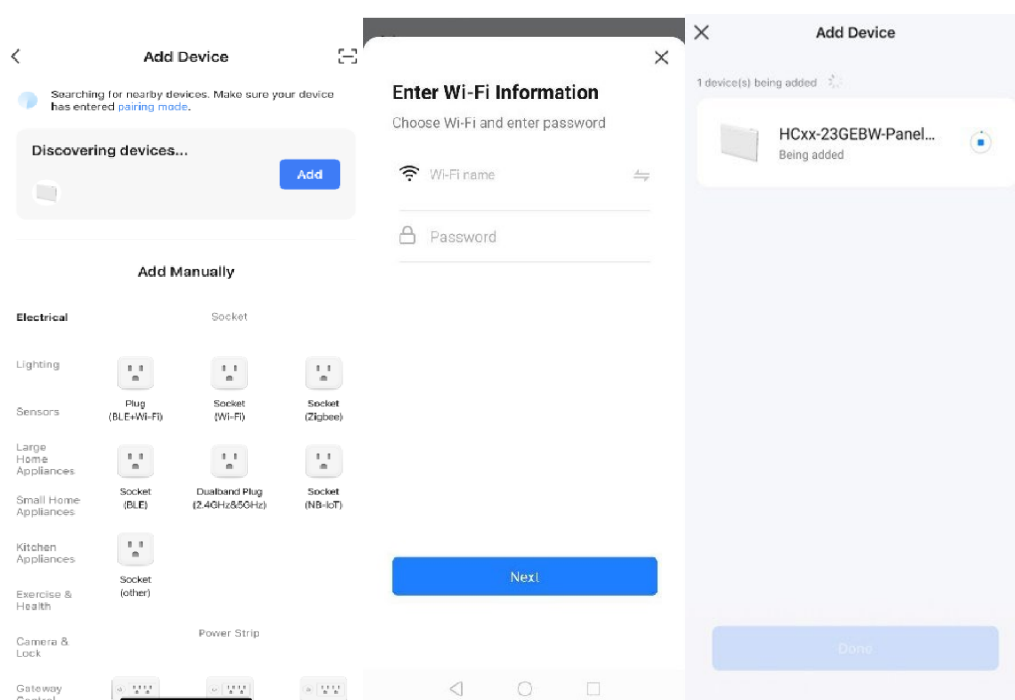
1) Insert the power plug and turn on the power switch. Choose "Stand by" mode by pushing the "  " button until the "Stand by" symbol is displayed. Keep pressing the "  " for more than 5 seconds and the "  " will flash.

2) Press "+" icon on right top page or the "Add Device" button in the middle page to start adding device.

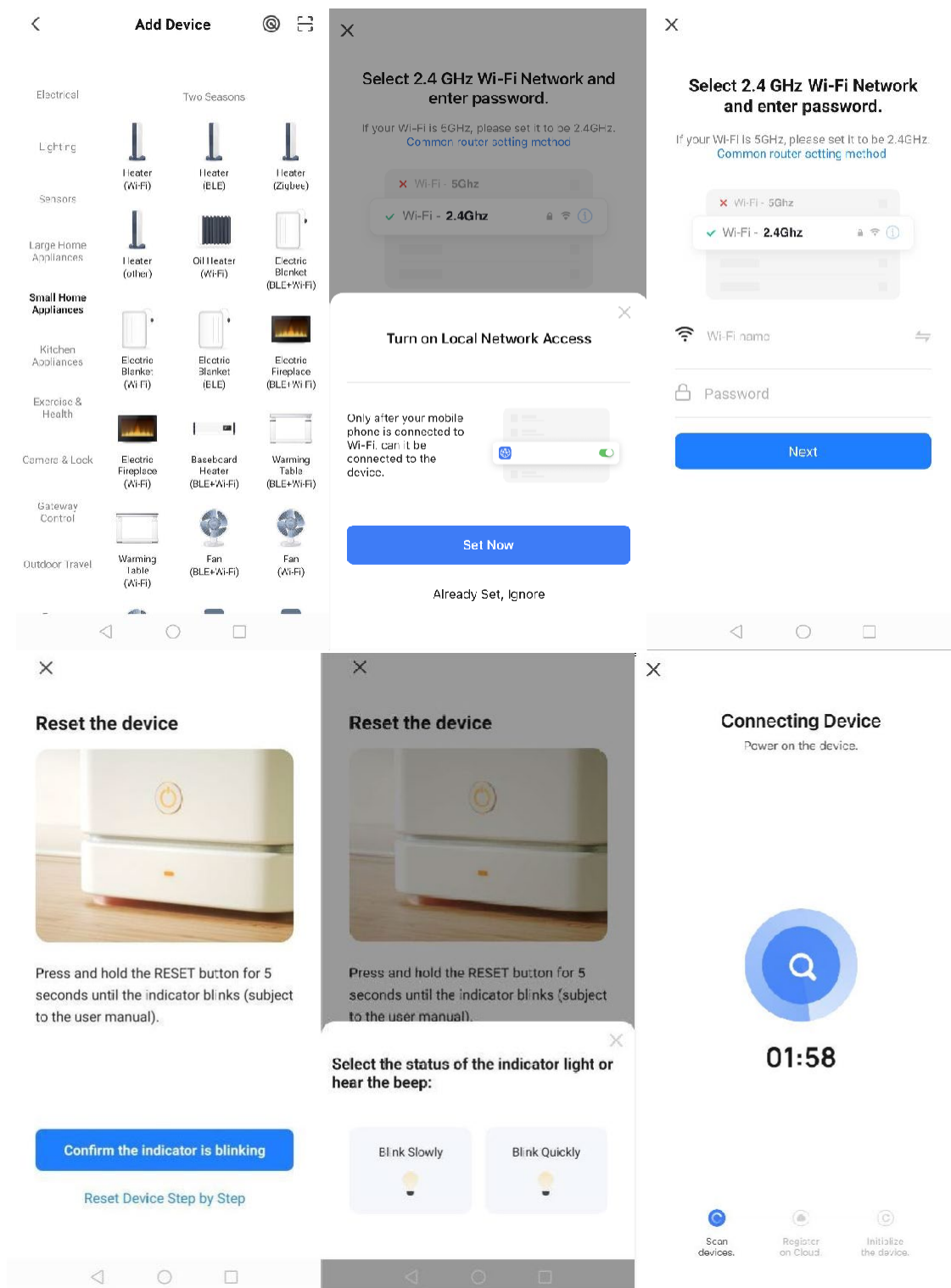


3) There are 2 methods to connect the service:

Method 1: Press "Add" button in the middle page (in this case, you will need to keep your phone Bluetooth on). Then enter the WiFi password. Press "next" to start connecting. (Now only 2.4G WiFi is supported, please make sure your WiFi is 2.4).



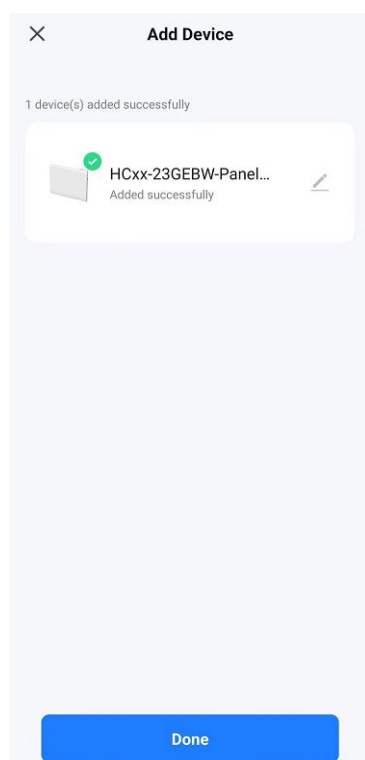
Method 2: Choose "Small Home Appliance" under "Add Manually". And then choose "Heater". Then enter the WiFi password. Press "next" to and choose your preferred indicator status to start the connecting. (Now only 2.4G WiFi is supported. Please make sure your WiFi is 2.4G).




#### 4. Connect successfully

When it's successfully connected, the WiFi icon will stop flashing and keep on (including Standby mode). And the App will show "Device added successfully".

Press "done" to start your operation for the appliances over your phone.

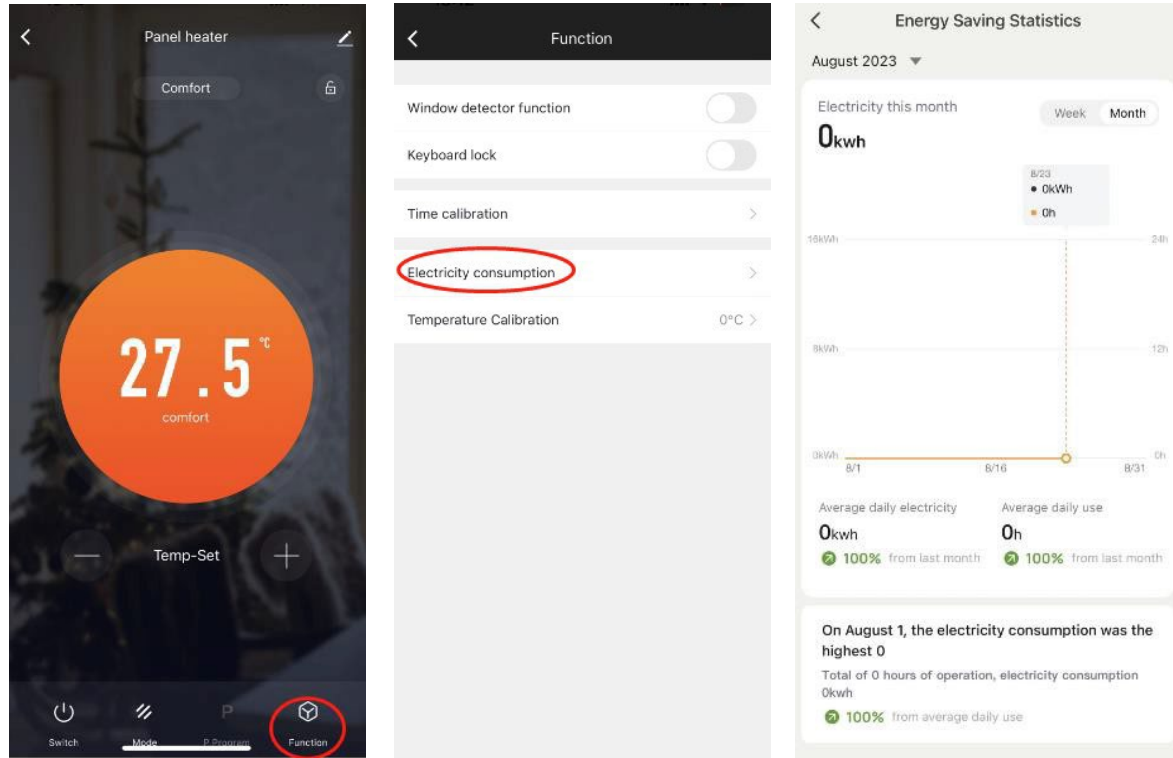


#### Notes:

1. If there is no operation in 3 minutes after pressing "  " for more than 5 seconds, then the WiFi function will stop flashing and disappear from the screen.
2. If you need to reconnect your WiFi for the appliance, repeat step 3.

## 10. Electricity consumption function

You can check energy consumption and heating time from the APP.



## LCD DISPLAY

Model	640080	640081	640082	640083
Voltage	230 V ~	230 V ~	230 V ~	230 V ~
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Rated power	750 W	1000 W	1500 W	2000W
Protection class	II	II	II	II
IP Protection	IP24	IP24	IP24	IP24
Pilot wire	4 orders	4 orders	4 orders	4 orders

Operating frequency: WiFi 2.4GHz (2412-2472MHz) Max. radio-frequency power transmitted: 17.91 dBm

### Information requirements for electric local space heaters

Model identifier(s): 640080					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	$P_{nom}$	0.75	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	$P_{min}$	N/A	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	$P_{max,c}$	0.75	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	No
At nominal heat output	$el_{max}$	0.000	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	$el_{min}$	0.000	kW	single stage heat output and no room temperature control	No
In standby mode	$el_{SB}$	0.00045	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No

	with electronic room temperature control	No
	electronic room temperature control plus day timer	No
	electronic room temperature control plus week timer	Yes
	<b>Other control options (multiple selections possible)</b>	
	room temperature control, with presence detection	No
	room temperature control, with open window detection	Yes
	with distance control option	Yes
	with adaptive start control	No
	with working time limitation	No
	with black bulb sensor	No

**Model identifier(s): 640081**

Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	1.0	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	$P_{min}$	N/A	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous	$P_{max,c}$	1.0	kW	electronic heat charge control with	No
heat output				room and/or outdoor temperature feedback	
<b>Auxiliary electricity consumption</b>				fan assisted heat output	No
At nominal heat output	$e_{l_{max}}$	0.000	kW	<b>Type of heat output/room temperature control (select one)</b>	
At minimum heat output	$e_{l_{min}}$	0.000	kW	single stage heat output and no room temperature control	No

In standby mode	$e_{SB}$	0.00045	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	No
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	Yes
				<b>Other control options (multiple selections possible)</b>	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	Yes
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No

**Model identifier(s): 640082**

Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	1.5	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	$P_{min}$	N/A	kW	manual heat charge control with room and/or outdoor temperature feedback	No

Maximum continuous heat output	$P_{max,c}$	1.5	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	No
At nominal heat output	$el_{max}$	0.000	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	$el_{min}$	0.000	kW	single stage heat output and no room temperature control	No
In standby mode	$el_{SB}$	0.00045	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic control room temperature	No
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	Yes
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No
Model identifier(s): 640083					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	



Nominal heat output	$P_{nom}$	2.0	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	$P_{min}$	N/A	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	$P_{max,c}$	2.0	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	No
At nominal heat output	$el_{max}$	0.000	kW	<b>Type of heat output/room temperature control (select one)</b>	
At minimum heat output	$el_{min}$	0.000	kW	single stage heat output and no room temperature control	No
In standby mode	$el_{SB}$	0.00045	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	No
				electronic room temperature control plus day timer	No
				electronic room temperature control	Yes
				plus week timer	
				<b>Other control options (multiple selections possible)</b>	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	Yes
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No

## CARE AND CLEANING

1. Before cleaning the appliance, switch off the appliance from the power supply and wait until it is completely cold.
2. Use a damp cloth to clean the casing of the device.
3. Clean grill and air outlet regularly. Never immerse the appliance in water or allow water to enter the appliance.

## RECYCLING (DISPOSAL OF THE PRODUCT AT THE END OF ITS LIFE)



The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations for waste disposal. By separating a marked item from household waste, you will help reduce the volume of waste sent to incinerators or landfill and minimize any potential negative impact on human health and the environment.