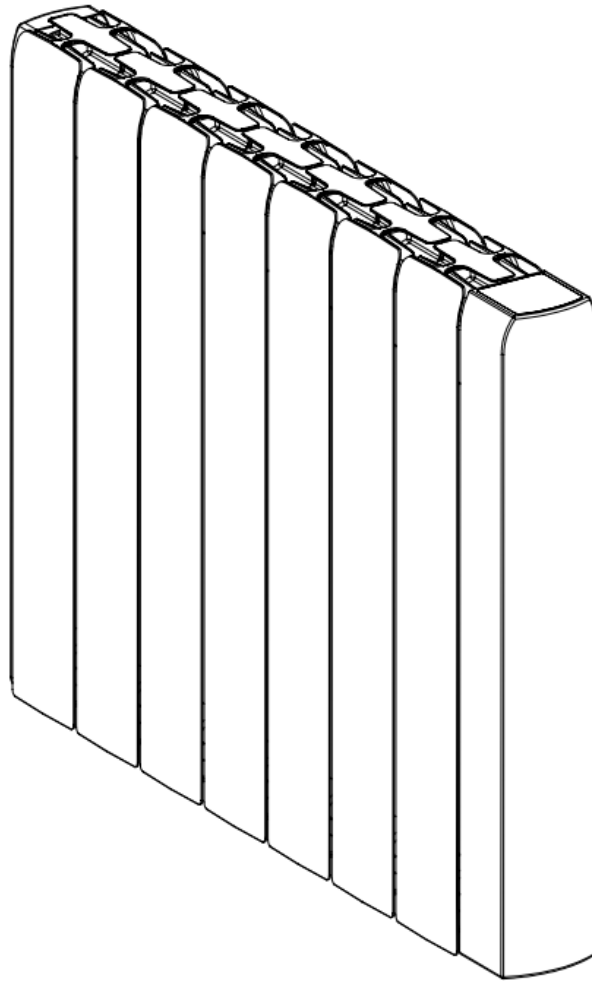


# MANUAL INSTRUCTIONS

## ELECTRIC CERAMIC RADIATOR




SKU: 135-0526/135-0527/135-0528/135-0529

135-0575/135-0576/135-0577/135-0578

135-0593/135-0594/135-0595/135-0596

PLEASE READ AND SAVE THESE INSTRUCTION

 Class II

IPX0

# Symbols



## Warning

This symbol indicates a hazard with an average risk level which, if not avoided, could result in serious injury or death.



## Warning of electrical voltage

This symbol indicates danger to the life and health of persons due to electrical voltage.

## Do not

This  
objects  
To avoid



## cover

symbol located on the device indicates that it is prohibited to place (such as towels, clothes etc.) above or directly in front of the device. overheating and fire hazards, the device must not be covered.

## Hot surface



This symbol located on the device indicates that its surfaces are hot during and immediately after operation. Hot surfaces should not be touched: danger of burns.



## Do not spray

This symbol located on the device indicates that it is prohibited to spray the device.



## Observe instructions in manual

This symbol located on the device indicates that instructions in the operating manual must be observed when installing and using the device.

# Contents

1  About the Manual .....	2
2  Warnings & Precautions .....	2
3  Electrical & Connection .....	7
4  Technical Information .....	7
5  Installation .....	8
5-1  Fixing .....	8
5-2  Wall mounting instructions .....	8
5-3  Feet installation instructions.....	9
6  Control Dial.....	11
6-1  LED display .....	11
6-2  Operation descriptions .....	12
6-3  Heating modes .....	12
6-3-1  Comfort Mode.....	12
6-3-2  Eco Mode .....	13
6-3-3  Anti-freeze Mode .....	13
6-3-4  Timer Mode.....	13
6-3-5  Sensor Mode .....	15
6-4  Child Lock.....	15
6-5  WiFi pairing .....	15
6-6  Internal settings .....	16
6-7  Reset to defaults .....	17
7  WiFi Connection .....	18
7-1  Downloading the app.....	18
7-2  Connection to the app .....	18
8  Alarms.....	21
9  Maintenance .....	21
10   Output and Information requirements .....	22
11   Disposal .....	23

# 1 | About the Manual

This manual describes the Electric Ceramic Radiator and details how to install and use the product. It is important to thoroughly review this manual before using the product. The declaration of conformity is issued under the sole responsibility of the manufacturer.

For technical advice or help please contact our customer service for help.

# 2 | Warnings & Precautions

Read this manual carefully before using or installing the radiator.

Read all safety warnings and all instructions.



Failure to follow the warnings and instructions may result in electric shock, fire, serious injury, or all of the above. Save all warnings and instructions for future reference.



## Warning

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.



## Warning

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



## Warning

Children of less than 3 years should be kept away unless continuously supervised.



## Warning



In order to avoid overheating, do not cover the radiator.



### **Warning**

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that 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, or clean the appliance, or perform maintenance.



### **Warning**

In order to avoid a hazard due to inadvertent re-setting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.



### **Warning**



Some parts of this product can become very hot and cause burns. Do not touch the surface when in operation. Keep the device at a minimum distance of one metre from curtains and other flammable materials. Particular attention should be given where children and vulnerable adults are present.



### **Warning**


Do not use the device in enclosed spaces if persons are present who cannot leave the room independently and are not under constant supervision.

- Keep the power cable away from all hot parts of the appliance.
- Do not use the device if you detect damage to the mains plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a

hazard.

- Make sure that the voltage indicated on the rating plate for this appliance corresponds to your power outlet.

- The device must not be located immediately below an electrical socket outlet. The heater must not be located in front of a socket-outlet

- Do not use this device in the immediate surroundings of a bath shower, swimming pool or any other water container. Risk of electric shock. 

- Do not use the device with wet or damp hands.


- No part of the appliance should be submerged in any type of liquid.

- Cleaning should be carried out using a damp cloth only. No abrasive chemicals or materials should be used.

- Never insert fingers or other objects or body parts into the device. Risk of electric shock or injury.

- The device must only be installed in an upright and fixed position in accordance with national installation rules.

- Do not use the radiator with a programmer, timer, separate remote control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.

- Make sure the minimum safety distances from walls and objects stated in the installation instructions are observed at all times.  This is very important to prevent damage to walls, furniture and soft furnishings and to prevent the product overheating.

- Do not operate the device when wet. If the device gets wet during cleaning, allow it to dry out before using.

- Do not expose the device to water jets. 

- Do not transport the device during operation.

- Do not overload the socket used to power the device.

- Before carrying out maintenance, care or repair work on the device, ensure the device is unplugged. Do not use the cable to tug the plug from the socket. Hold the plug by its housing and pull.

- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Allow the device to cool down before touching or transporting the device, or attempting maintenance work.
- The device must be placed where the switches and controllers cannot be touched by a person in a bathtub or shower.
- Means for disconnection having a contact separation in all poles must be incorporated in the fixed wiring in accordance with the wiring rule.

### 3| Electrical & Connection

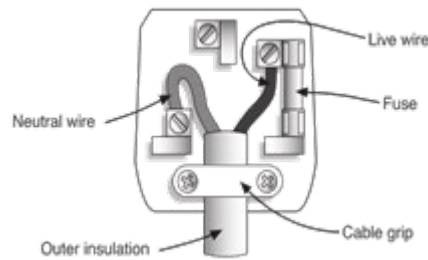
• Your heater must only be installed in a fixed position in accordance with national installation rules (for France, NFC 15100)

• **INDOORS USE ONLY**

• This installation must be done by a qualified electrician to avoid any danger.

⇒ Attention: Connect the 2 conductors of the supply cable to a connection box in respecting the polarities as below:

- Live: Brown(L)
- Neutral: Blue(N)



FOR UK USE ONLY-Plug

fitting details (where applicable).

If you are not sure, we suggest you contacting a professional electrician for assistance.

### 4| Technical Information

Table 1 | Specifications

Heating element	Ceramiccore
Voltage	230V~ 50Hz
Wattage	700W, 1000W, 1500W, 2000W
Power cable length	1.5m
Temperature setting	7-30 °C
Range Resolution	0.5 °C
IP rating	IPX0
Appliance class	Class II
Motion sensor (5.8G band)	5725-5875MHz
Operation frequency	5.28 dBm (3.37mW) < 13.98dBm (25mW)
Max RF power transmitted	
WiFi frequency (2.4G band)	2400-2483.5MHz
Operation frequency	17.21dBm (52.6mW) < 20dBm (100mW)
Max RF power transmitted	



# 5| Installation

## 5-1| Fixings

1. Before beginning installation, make sure distances to walls and objects are respected.
2. Use the screws, dowels and brackets supplied by the manufacturer.
3. For drilling dimensions, see the drilling template.
4. Check that all fixings are supplied as shown in Figure 1.

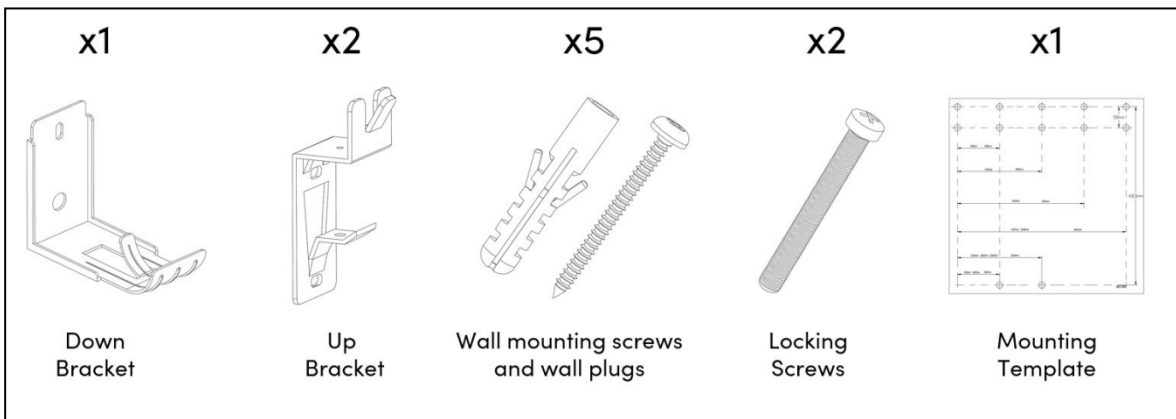


Figure 1 | Supplied Fixings

## 5-2| Wall mounting instructions



**Caution – Before switching on the appliance make sure that the radiator is correctly fixed to the wall.**

1. Choose the mounting position, respecting the Figure 2. Mounting closer than recommended can cause overheating of the device and damage to surrounding objects and surfaces.

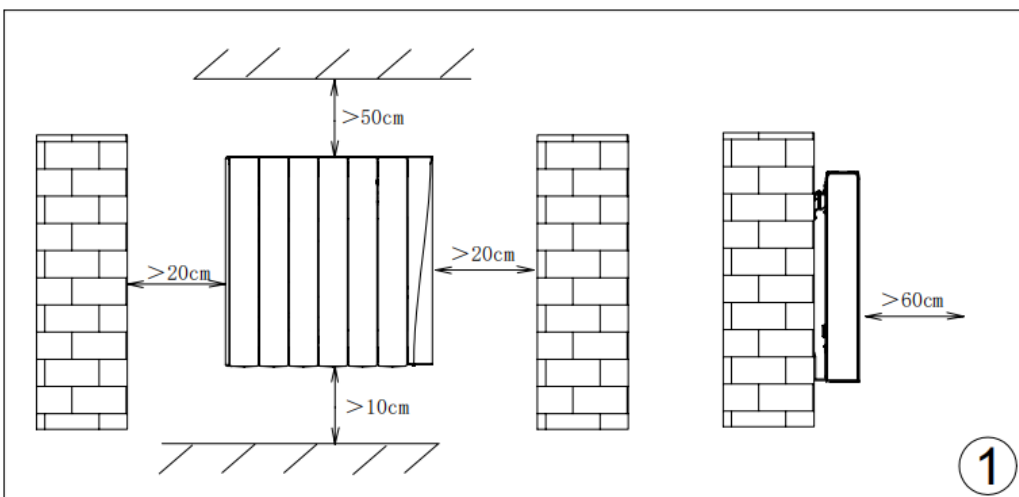


Figure 2 | Minimum distances from radiator to other objects

2. Using the template, mark the locations of the 5 drill holes required for your product size. Fit the wall plugs into the holes and use the wall mounting screws to fix the brackets in place as per Figure 3 below.

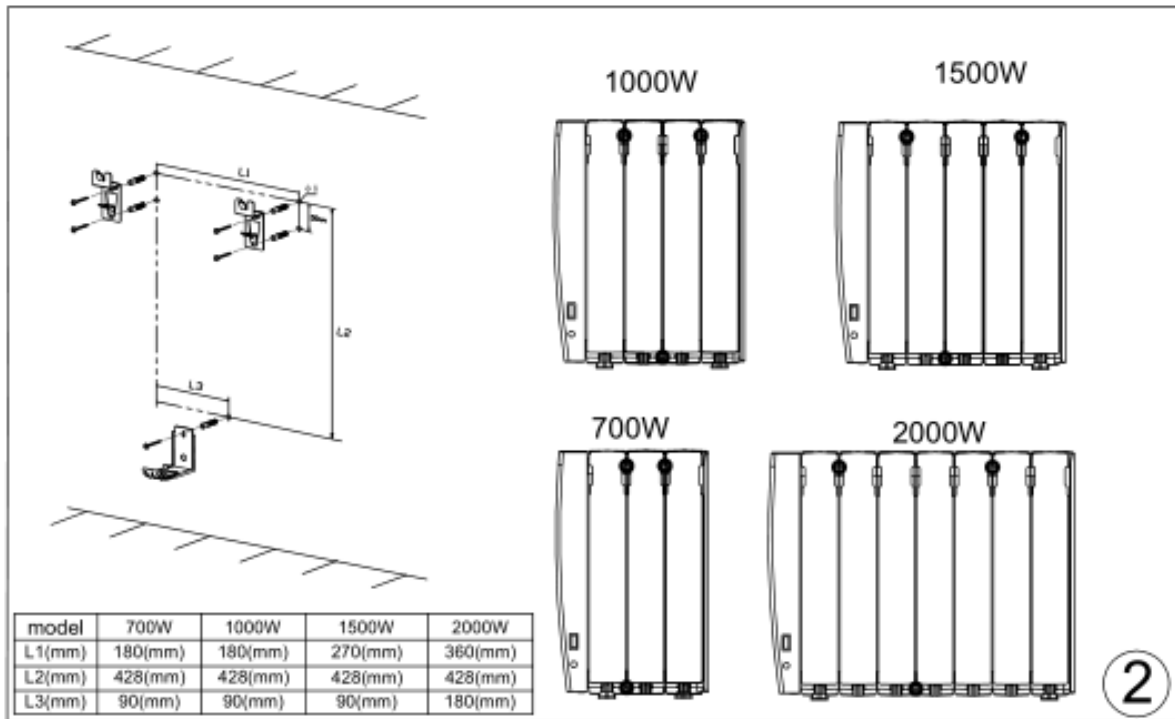


Figure 3 | Bracket positions on the radiator and wall

3. Lift up the unit and slide the struts of the upper brackets into the grooves. Then lower the unit so it locks into the lower bracket, as shown in Figure 4.

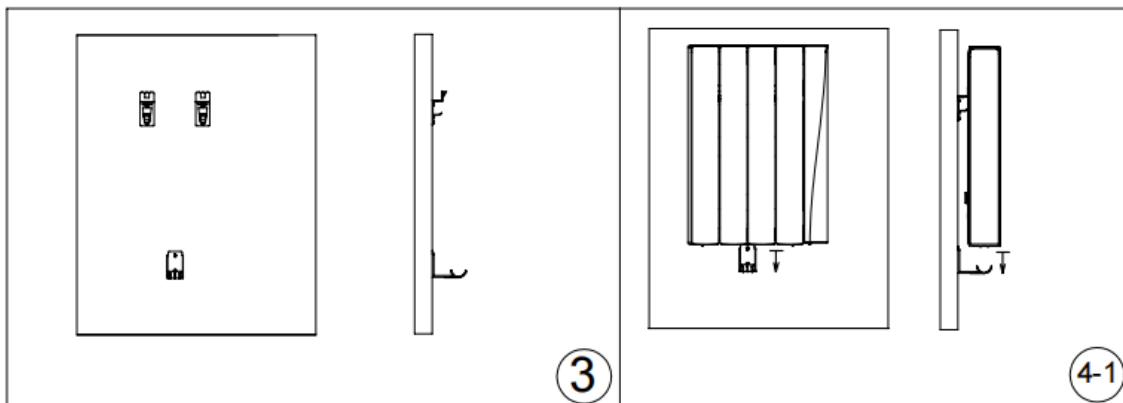


Figure 4 | Mounting radiator on wall

4. Secure the unit on the upper brackets by feeding the locking screws into the brackets as in Figure 5.

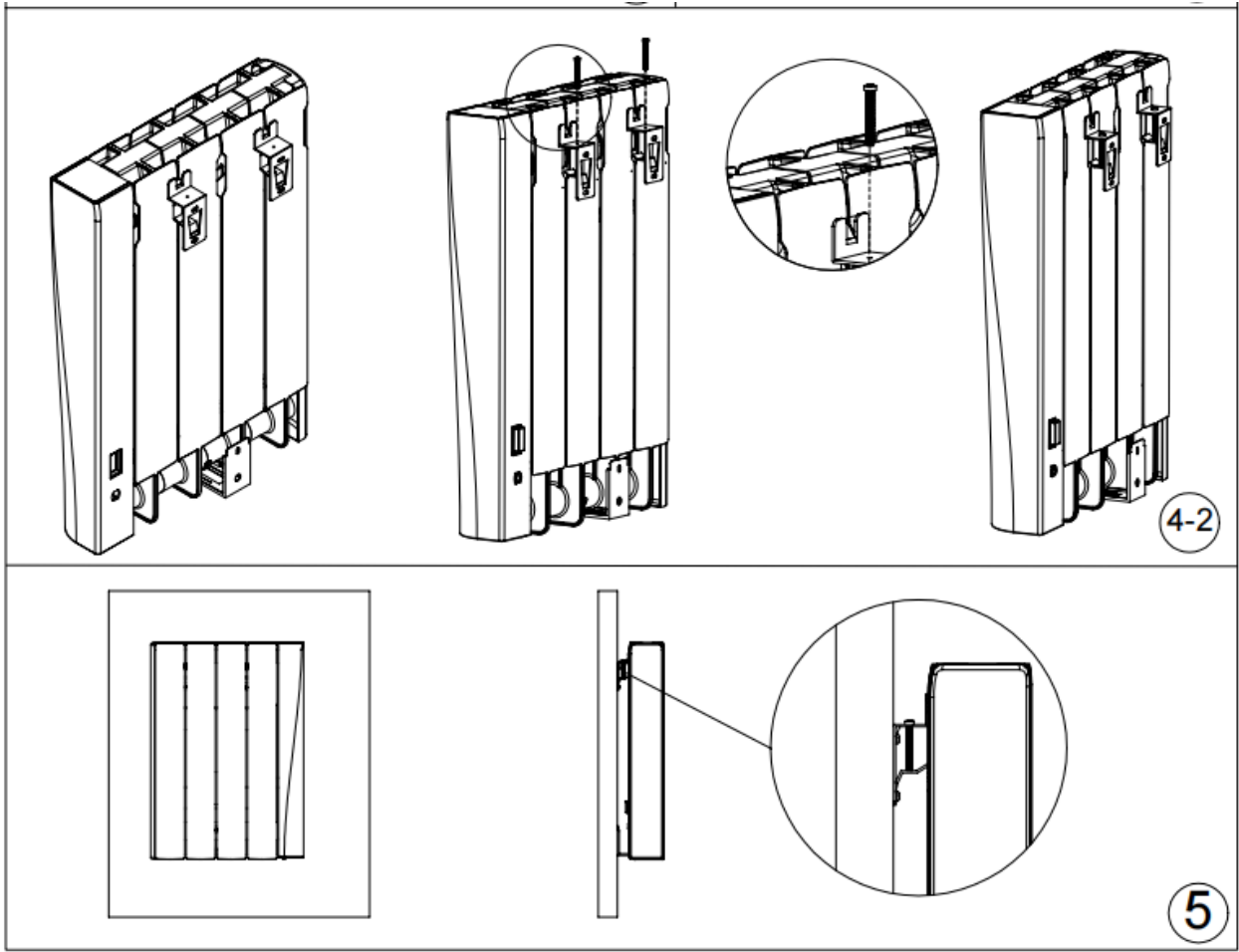


Figure 5 | Secure unit with locking screws

### 5-3| Feet installation instructions

1. Make sure you have all of the pieces in the below images.

- 2 U shape metal
- 4 wingnuts
- 4 screw cap
- 4 wheels

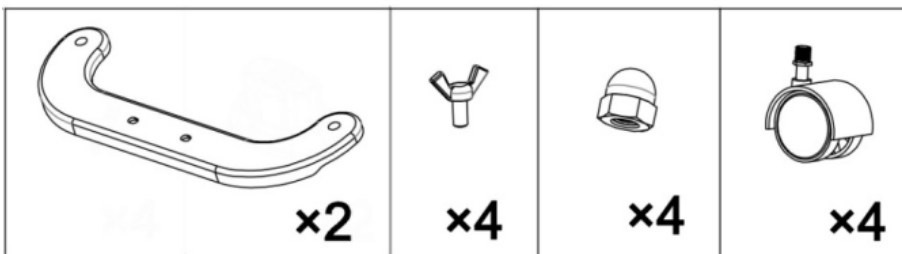


Figure 6 | Supplied Foot Fixings

2. On a flat surface, gently turn the radiator upside down to show the bottom edge facing upwards .

3. Next slot one of the curved feet with casters to the U shape screw with the curve facing the outer edge of the radiators, screw the wing nuts onto the U screw holder and tighten firmly.

4. Repeat the above process with the left side of the radiator making sure the curved feet with casters is facing towards the outer edge.

5. Gently turn the radiator over so it is standing on both feet.

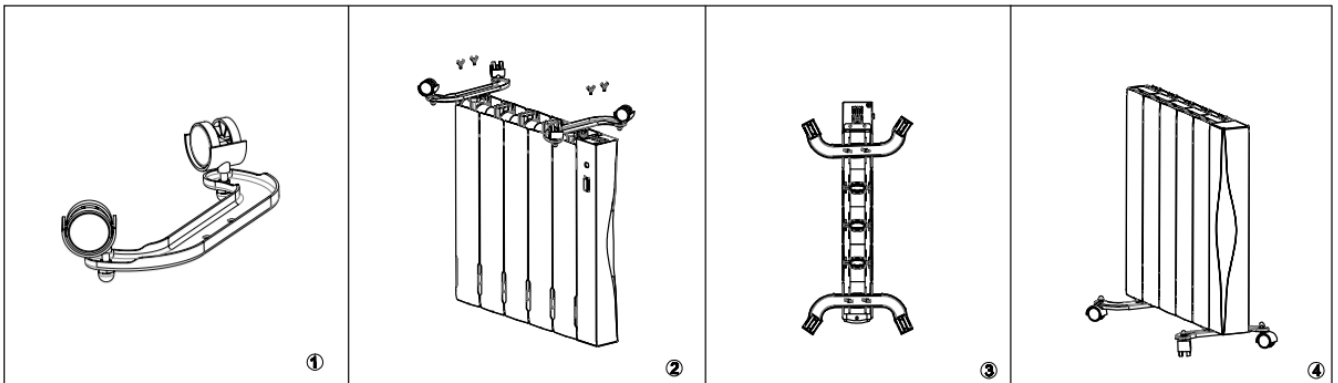


Figure 7 | Feet installation steps

## 6| Control Dial

### 6-1 | LED display

The touchscreen control panel includes a backlit LCD display. The radiator has modes: Comfort Mode, Eco Mode, Anti-freeze Mode, Timer Mode, Sensor Mode. You can check the position of icons in Figure 8.

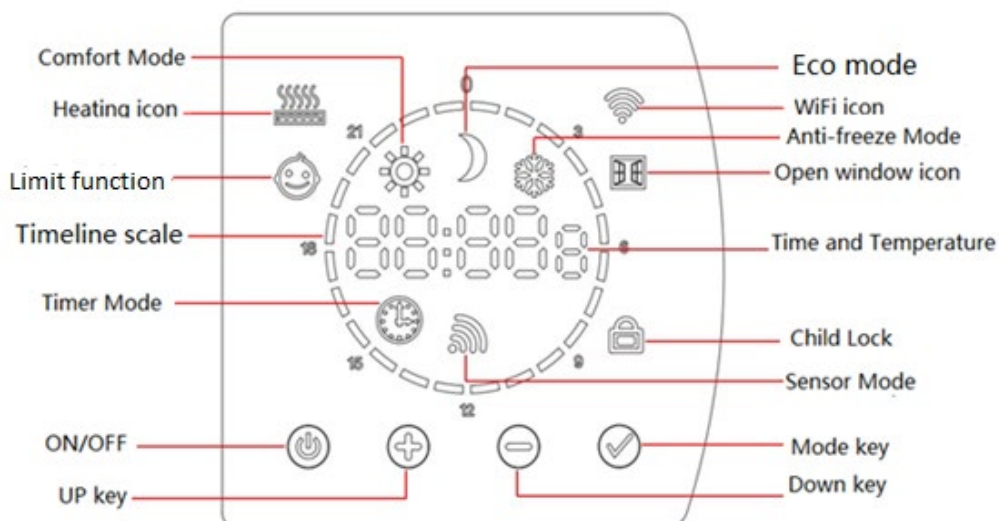









Figure 8 | Control dial display

## 6-2 | Operation descriptions








Before first use, the radiator must be switched on at the mechanical switch at the back of the unit

Mechanical switch









Tap  to turn on the device, press  key to switch between modes, browsing through Comfort , ECO , Anti-freeze , Timer  and Sensor .

## 6-3 | Heating modes







Tap the  button to switch the radiator on. Tap  to switch between modes. The icon on the display will change accordingly, browsing through: Comfort , Eco , Anti-Freeze , Timer , Sensor  mode.

You can also switch back and forth between modes by swiping the touchscreen.





### 6-3-1| Comfort Mode

Operations	Illustration
<p>Tap  to start Comfort mode, and tap  and  key to adjust the temperature setting, stepping by 0.5 °C. Default is 19°C. Hold and down to speed it up.</p> <p>When the device is heating, heating icon  will display on the screen;</p> <p>if not heating, the icon  will disappear.</p>	





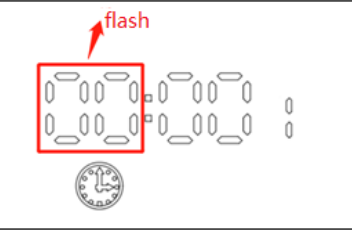
### 6-3-2| Eco Mode





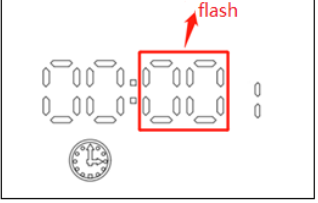


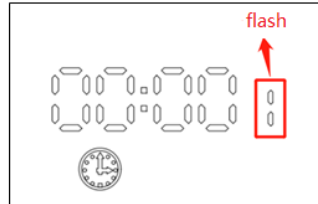














Operations	Illustration
<p>Tap  to switch Eco mode, and tap  and  key to adjust the temperature setting, stepping by 0.5 °C. Default is 15.5°C Hold and down to speed it up.</p> <p>When the device is heating, heating icon  will display on the screen; if not heating, the icon  will disappear</p>	

### 6-3-3| Anti-freeze Mode


Operations	Illustration
<p>Tap  to switch Anti-freeze mode. Default temperature is 7°C . This is not adjustable.</p> <p>When the device is heating, heating icon  will display on the screen; if not heating, the icon  will disappear</p>	

### 6-3-4| Timer Mode









Operations	Illustration
<p>Tap  to switch Timer mode, displaying “00:00” when first connection to electricity</p>	
<p>Press and hold  for 3S to set up the time, tap  to switch between hour→minute→day of week→daily program→exit</p>	

<p>Hour setting:</p> <p>Tap   key to adjust.</p> <p>Adjustable range is 0~23H, stepping by 1H</p> <p>Hold and down to speed it up.</p>	
<p>Minute setting:</p> <p>Tap   key to adjust.</p> <p>Adjustable range is 0~59min, stepping by 1min</p> <p>Hold and down to speed it up.</p>	
<p>Day of week setting:</p> <p>Tap   to adjust from 1 to 7, stepping by 1 day</p> <p>Hold and down to speed it up.</p>	
<p>Day programming setting:</p> <p>P1-P7 is defaulted Eco mode, shown as</p> <p>In the picture, 1—day of the week, range 1~7;</p> <p>2—hour, range 0~23H</p>	
<p>Tap  for 3s to modify P1-P7 programming, tap   keys to adjust, stepping by 1H. Press  to run comfort mode displaying , press  to run Eco mode, displaying </p> <p>For example:</p> <p>P1: Comfort mode--7:00-21:00 (the rest time is Eco mode) shown as</p>	
<p>It displays set time during the setting time scale under the working state. The  icon lights 3s and goes out 1s in Comfort mode; the  icon goes out 3s and lights 1s in Eco mode. For example : Current time is 12:00 and the mode is Comfort mode, displaying  icon on the time scale (red),  icon lights 3S and goes out 1S, the icon (green) appears on the screen.</p>	



### 6-3-5 | Sensor Mode

Operations	Illustration
<p>When the device switches to sensor mode, if no human or moving objects are detected, the device will automatically shift to a more energy-efficient mode.</p> <p>If detecting human or moving objects, it automatically jumps to the <b>SENSOR MODE</b> interface.</p> <p>If you want to use microwave body induction function, you need to open microwave induction system inside the radiator.</p> <p>The choice time is: "0", "15", "30", "45" and "60".</p>	



### 6-4 | Child Lock

Operations	Illustration
<p>Press and hold  and  keys for 3S to lock the display.</p> <p>The  icon will appear and all keys will be locked except  key.</p> <p>Press and hold  and  keys for 3S to unlock and  icon will disappear.</p>	



### 6-5 | WiFi pairing



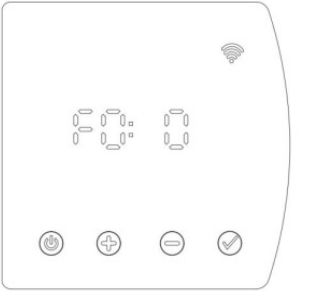




Operations	Illustration
<p>In OFF state, press  for 3S to pair up, WiFi icon flickers, with 99S count down to make the connection on APP.</p>	


















Successful to pair up, displaying PASS	
Fail to pair up, displaying FAIL	



## 6-6 | Internal settings

In OFF state, Press  key for 5S to start internal settings, tap  key to switch modes- temperature compensation(F0)→ Sensor function(F1)→Open Window function(F2)→ Limit function(F3)→WiFi function(F4)→time synchronization(F5)

Operations	Illustration
<p><b><u>Temperature compensation (F0):</u></b></p> <p>Tap   keys to adjust the temperature, adjustable range is -5~5°C, stepping by 1°C. Default is 0. If setting-2, shown as</p>	
<p><b><u>Sensor Mode (F1)</u></b> </p> <p>Tap   keys to adjust the time. There are 4 options- 15,30,45,60 minutes. If set 30mins, shown as</p>	

<p><b><u>Open Window function (F2)</u></b> </p> <p>Tap   keys to adjust. Choose “OF” to disable detection, and choose “60” or “90” to enable it. If set “60”, shown as under heating condition, when ambient temperature suddenly drops 2 °C in 5 minutes, it means the window is open in this room, the device switches to Anti-freeze mode, it stops heating, will re-heat after 60 minutes, if temperature keeps dropping, the device will stop heating again, and repeat the cycle.</p>	
<p><b><u>Limit function (F3)</u></b> </p> <p>Tap   keys to adjust temperature grades, there are 5 options—30,35,40,45,50. Default is of 50 is closed to 50 °C When the temperature reaches the set “50”, the radiator stops heating (parameter 50 is reference temperature)</p>	
<p><b><u>WIFI function (F4)</u></b> </p> <p>Tap   keys to start “ON” and close “OF”. When connection APP, shall make it ON</p>	
<p><b><u>Time synchronization (F5)</u></b></p> <p>When in ON state, the time will synchronize with the APP; if in OF state, the time will not synchronize.</p> <p>Tap   keys to start “oN” and close “oF”</p>	

## 6-7 | Reset to defaults

When plugged to the power source, press  button for 10S to reset factory configuration. Full screen displays for 3S and switch  off,. press again to turn on the device, displaying Comfort temperature- 19°C, Eco temperature- 15.5°C, time “0000”, day of the week “1”, P1-P7 is defaulted Eco, Temperature compensation -“0”, Open Window function- “OF”, sensor function- “15”, Limit function- “OF”, WiFi –“ON”, Time synchronization - “ON”

# 7| WiFi Connection

## 7-1 | Downloading the app





Download APP name Smart life on Smart phone or certain web,( different Android/ IOS versions will affect partial APP function, also possible to cause its work).


You can also scan the code below to go to the app. Press install and follow the app's instructions to create an account.



NOTE — The Smart Life app is a constantly evolving third party system. This guide was correct at time of printing but may differ slightly from future versions. The app is designed to work on Android or iOS but older software versions may affect app presentation and performance.

## 7-2 | Connection to the app

1.Ensure WiFi control is enabled in the radiator settings. If the  icon is flashing,WiFi connection is enabled and you can move onto step 2. If the  icon is not flashing, go to section 6-6 | Internal setting F4 and follow the instructions to enable.

2.Press and hold  to pair WIFI, The device starts 99 seconds count down for pairing work, WIFI icon will turn on after configures the radiator, turn back to homepage.

3.Log in APP home page to add device and set up different modes.

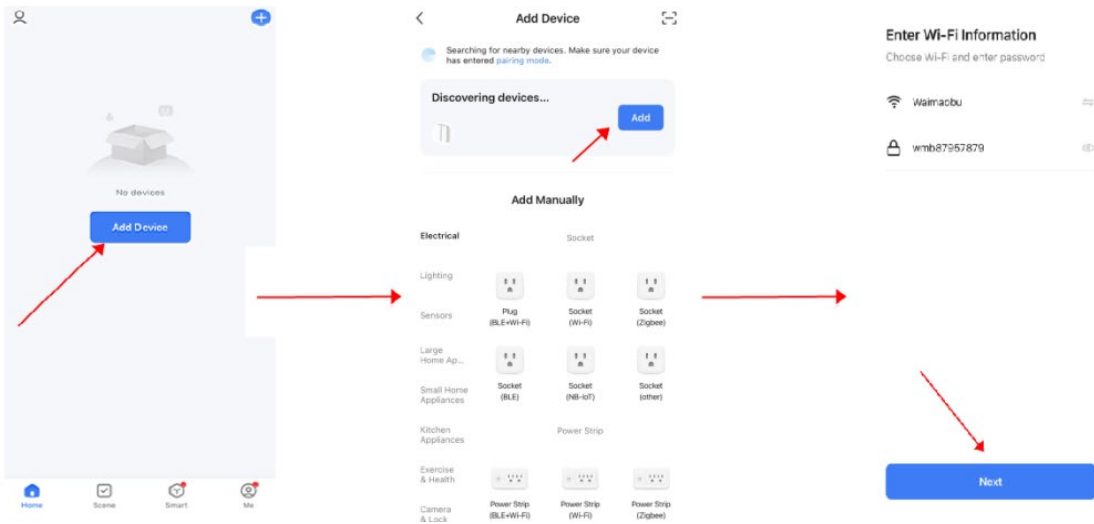
### On the device

In Off state, hold and down  button for 3 seconds to start pairing up, down-count-99 starts on the device, shown as

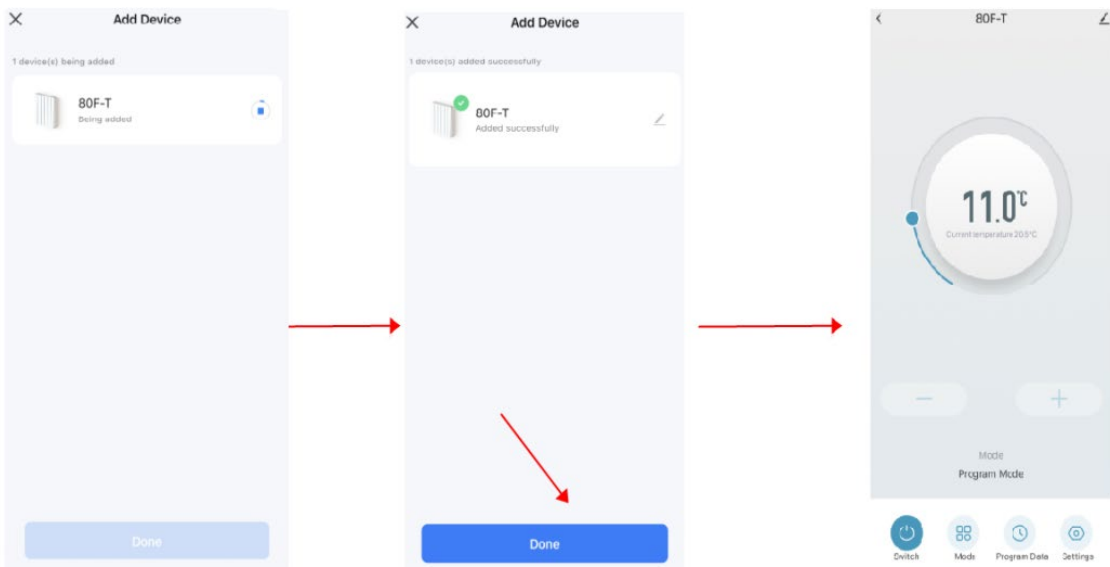
Successful pairing up shows PASS  
Failure shows FAIL

### On the App :

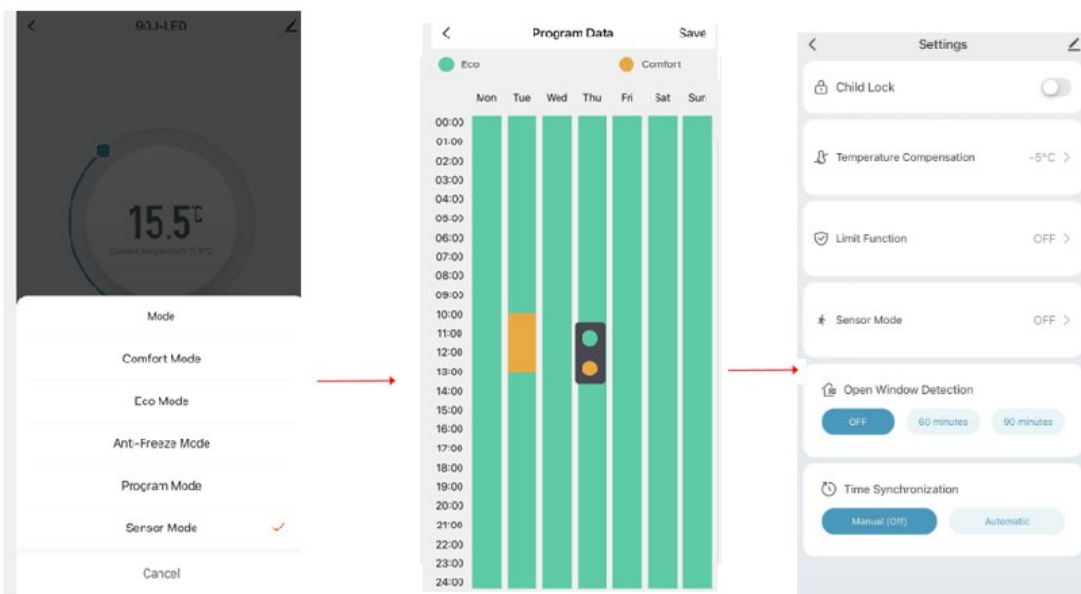
Open and log in Smart life, tap 'add device' to search for and add device ,shown as



Step next and have it done, then come to home page, shown as



Following the operations on homepage interface



#### 4.If connection is failed on the first attempt:

- Check the strength of WiFi network, bad network will affect the connection, the distance should be in 10 meters, (Suggest in the same space, no wall blocking the network).
- Make sure mobile phone's WIFI function on and connected to the network.
- Make sure your smart device is connected to the same WiFi network as that to which you are attempting to connect your radiator.
- When to bind APP and device, mobile phone needs to synchronize with devices, the time is limited.
- Ensure you are connected to a **2.4G WiFi** band. See instructions within the app if you are currently connected to a 5G band.

## 8| Alarms

Problem	code
The ambient temperature sensor is disconnected or the ambient temperature is too high or too low	Err1
The internal temperature sensor of the product is disconnected or the internal temperature is too high or too low	Err2

## 9| Maintenance

TURN OFF THE UNIT BEFORE ANY MAINTENANCE.

Clean with a soft damp cloth.

**Always disconnect the appliance and let it completely cool before any maintenance.**

Clean your appliance at least once a year with a vacuum cleaner to remove any dust deposits.

Never immerse the device in water or any other liquid.

The coating of your radiator ensures perfect and unalterable protection. To clean it, use only a neutral detergent (cleaner or non-abrasive solvent). The thermostat housing is made of plastic, do not use solvents for maintenance. Any repair must be carried out by the manufacturer, its representatives or by the after-sales service.

### **WARNING**

Never cut the power cable supplied with your radiator, if it is cut, the electrical part of the radiator can not be guaranteed. Never try to open the radiator even when it is not electrically powered.

**IMPORTANT:** Temperature changes are normal when using an electric thermostat in case of electrical changes, or changes in ambient conditions outside the room. The set value is correct for radiators installed in standard environments. It is normal for the regulation to be different for the same temperature in two different atmospheres (environmental influence).

# 10 | Output and Information requirements

**Table 5 | Output guidelines**


Model	700W	1000W	1500W	2000W
<b>Heat output</b>				
Nominal heat output (P <sub>nom</sub> /kw)	0.7	1.0	1.5	2.0
Minimum heat output (indicative) (P <sub>min</sub> /Kw)	0.7	1.0	1.5	2.0
Maximum continuous heat output (P <sub>max.c</sub> /kw)	0.7	1.0	1.5	2.0
<b>Auxiliary electricity consumption</b>				
At nominal heat output (e <sub>lmax</sub> /KW)	N/A	N/A	N/A	N/A
At minimum heat output (e <sub>lmin</sub> /KW)	N/A	N/A	N/A	N/A
In standby mode (e <sub>lsb</sub> /W)	0.78	0.78	0.78	0.78

**Table 6 | Information requirements for electrical space heaters**

Item	unit
<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Manual heat charge control, with integrated thermostat	No
Manual heat charge control with room and/or outdoor temperature feedback	No
electronic heat charge control with room and/or outdoor temperature feedback	No
Fan assisted heat output	No
<b>Type of heat output/room temperature control(select one)</b>	
Single stage heat and output and no room temperature control	No
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	Yes
room temperature control, with open window detection	Yes

With distance control option	Yes
With adaptive start control	No
With working time limitation	Yes
With black bulb sensor	No
Contact:	UK Add.: Unit A James Carter Road,Mildenhall,Bury St.Edmunds,England, IP28 7ED EU Add.: Fraunhofer Str.7 Leipzig,Sachsen,Germany

## 11 | Disposal

	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU.</p> <p>To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>
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