MANUAL INSTRUCTIONS

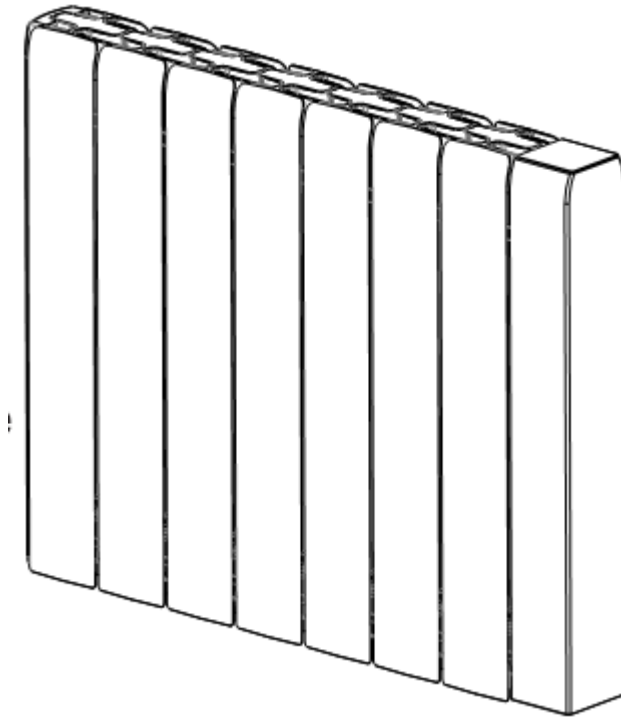# **ARON Electric Radiator**

UK CA CE

PLEASE READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS:

- 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 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 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 supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- The heater must not be located immediately below an electrical socket-outlet.

- The heater must not be located in front of a socket-outlet

- Don't use this heater in the immediate surroundings of a bath, a shower or a swimming pool.

- Do not use this heater 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.

- WARNING: In order to avoid overheating, do not cover the heater.

- Keep the device at a minimum distance of one meter from flammable objects such as curtains, textiles ...

- CAUTION: In order to avoid a hazard due to inadvertent resetting 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.

- Regarding the instructions for fixed installation, thanks to refer to the below paragraph of the manual.

- Means for disconnection having a contact separation in all poles must be incorporated in the fixed wiring in accordance with the wiring rules.

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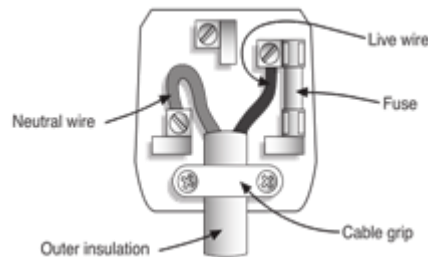
If you are not sure, we suggest you contacting a professional electrician for assistance.

To install your device:

Make sure distances to walls and objects are respected.

1 - Use the screws, dowels and brackets supplied by the manufacturer.

2 - For drilling dimensions, see the drilling template.

3 - Read the instructions for the steps on the installation as shown on the next page.

Caution: Before switching on the appliance make sure that the radiator is

correctly fixed to the wall.

x1	x2	x5	x2
Down bracket	Up bracket	Wall mounting screws and plugs	Locking screws

>50cm

>20cm

>20cm

>60cm

>10cm

①

1000W

1500W

700W

2000W

②

model	700W	1000W	1500W	2000W
L1(mm)	180(mm)	180(mm)	270(mm)	360(mm)
L2(mm)	428(mm)	428(mm)	428(mm)	428(mm)
L3(mm)	90(mm)	90(mm)	90(mm)	180(mm)
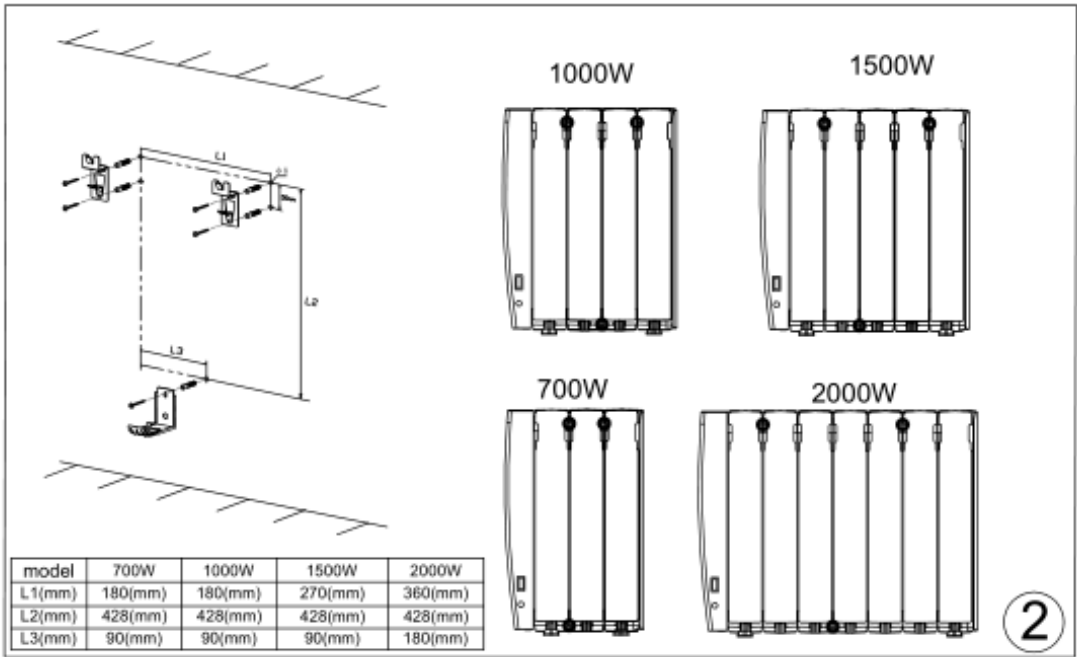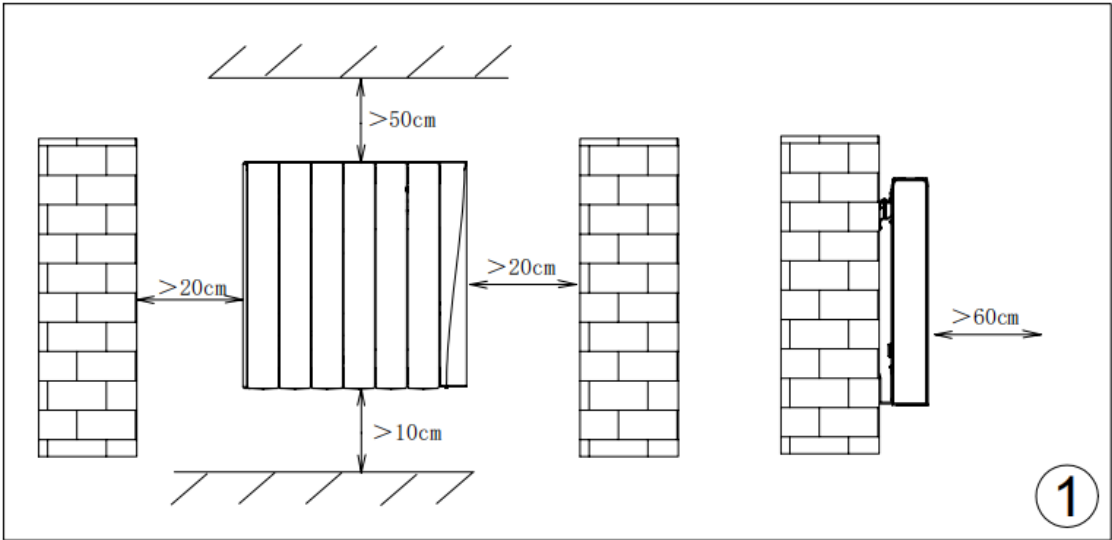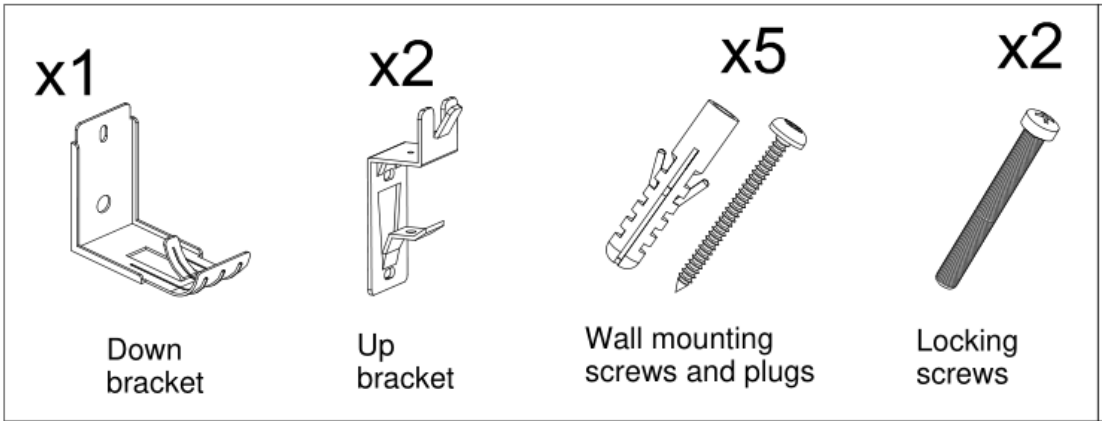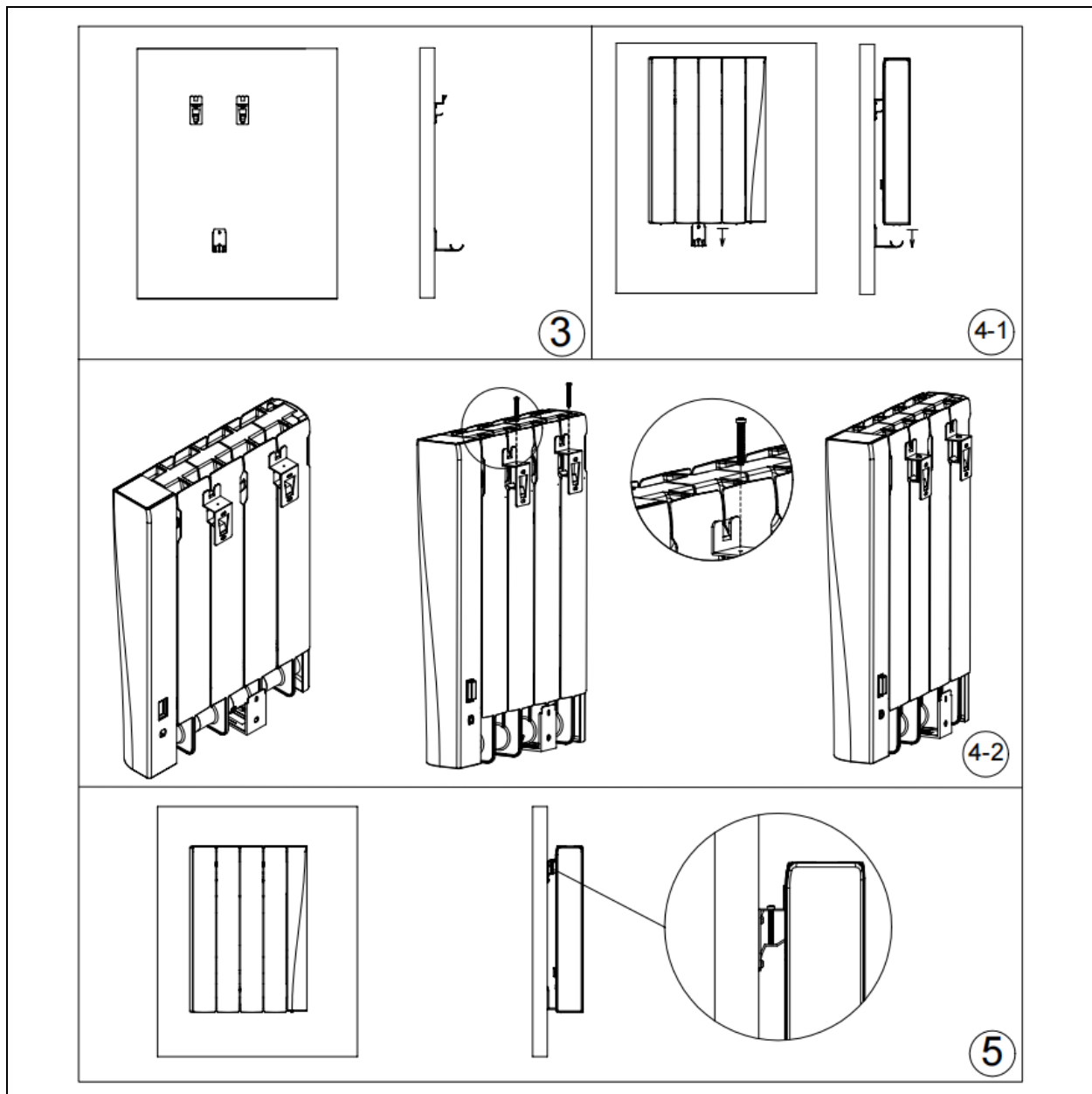
1. Technical characteristics:

Heating element	Ceramic core
Voltage	230V~ 50Hz
Wattage	700W, 1000W, 1500W, 2000W
Temperature setting	
Range	7–30°C
Resolution	0.5°C
IP rating	IPX0

Appliance class	Class II
Motion sensor (5.8G band)	
Operation frequency	5725-5875MHz
Max RF power transmitted	-3.43 dBm
WiFi frequency (2.4G band)	
Operation frequency	2400-2483.5MHz
Max RF power transmitted	18.2 dBm

Modes: Comfort Mode, Eco Mode, Anti-freeze Mode, Timer Mode, Sensor Mode,

2. LCD Display:

Icon	description	Icon	description
On/Off button		UP button	

Icon	description	Icon	description
(power icon)	On/Off button	(plus icon)	UP button
(check icon)	Mode button	(minus icon)	Down button

Icon	description	Icon	description
88:88	Time	❄	Anti-freeze Mode
8	Week Day (1 to 7)	🕐	Timing Mode
88	P program (P1 to P7)	☺	Limit function
88.8°	temperature	⊞	Open window function
☀	Comfort Mode	🔒	Child lock (except switch key)
☽	Eco Mode	≋	Heating icon
•))) 🚶	Sensor mode	(circular dial)	Timeline (0-- 23 h)

3. 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 mode ⋅))🚶

3.1 Comfort Mode ☼ :

Tap ⏻ to start Comfort mode, and tap ⊕ and ⊖ key to adjust the temperature setting, stepping by 0.5 ℃.

Hold and down ⊕ / ⊖ to speed it up. Adjustable temperature range is 7-30℃. Default is 19℃.

When the device is heating, heating icon ♨ will display on the screen; if not heating, the icon ♨ will disappear.

3.2 Eco Mode ☾ :

Tap ✓ to switch Eco mode, and tap ⊕ and ⊖ key to adjust the temperature setting, stepping by 0.5 ℃.

Hold and down ⊕ / ⊖ to speed it up. Adjustable temperature range is 7-30℃. Default is 15.5℃.

When the device is heating, heating icon ♨ will display on the screen; if not heating, the icon ♨ will disappear.

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3.3 Anti-freeze Mode ❄ :

Tap ⊘ to switch Anti--freeze mode. Default temperature is 7℃ . This is not adjustable. When the device is heating, heating icon ♨ will display on the screen; if not heating, the icon ♨ will disappear.
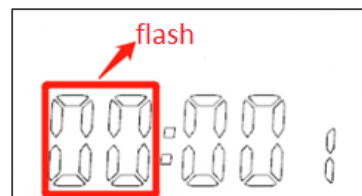
3.4 Timer Mode 🕐 :

3.4.1 Tap ⊘ to switch Timer mode, displaying "00:00" when first connection to electricity
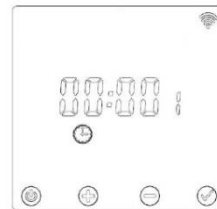
3.4.2 Press and hold ⊘ for 3S to set up the time, tap ⊘ to switch between hour→minute→week→daily program→ exit
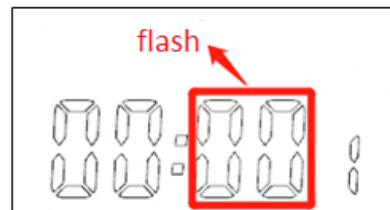
3.4.3 Hour setting:

Tap ⊕ ⊖ key to adjust.

Adjustable range is 0~23H, stepping by 1H
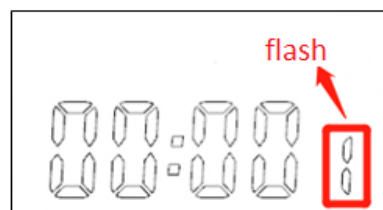
Hold and down ⊕ /⊖ to speed it up.

3.4.4 Minute setting:

Tap ⊕ ⊖ key to adjust.

Adjustable range is 0~59min, stepping by 1min.

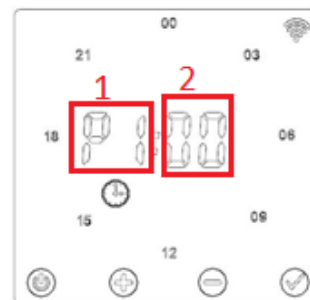Hold and down ⊕ /⊖ to speed it up.

3.4.5 Day of week setting:

Tap ⊕ or ⊖ to adjust from 1 -7, stepping by 1 day.

Hold and down ⊕ /⊖ to speed it up.

3.4.6 Day programming setting

P1-P7 is defaulted ECO mode, shown as

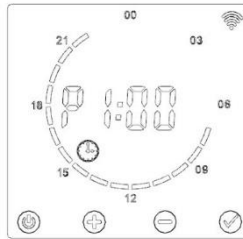In the picture,1—day of the week, range 1~7;
2—hour, range 0~23H

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 🭶

For example:

P1: Comfort mode--8:00-22:00

the rest time is ECO mode, shown as:

It displays set time during the setting timescale under the working state. The ▮ icon flashes 3s and

goes out 1s in Comfort mode; the ▮ icon goes out 3s and flashes 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.
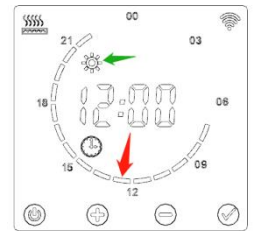
When the device is heating, heating icon 〰 will display on the screen; if not heating, the icon

〰 will disappear
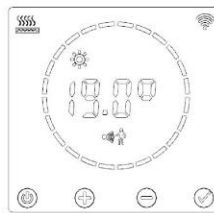
3.5 Sensor mode •))) 🚶 :

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. If detecting human or moving objects, it automatically jumps to the **SENSOR MODE** interface. If you want to use microwave body induction function, you need to open microwave induction system inside the radiator. The time option is:"15", "30", "45" and "60"

3.6 Child lock 🔒 :

when the device is on, press and hold ⊕ and ⊖ for 3S to lock the display.

The 🔒 icon will appear and all keys will be locked except ⏻ key.

Press and hold ⊕ and ⊖ keys for 3S to unlock and 🔒 icon will disappear.

4.   **Internal Settings**

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

4.1 Temperature compensation F0:

Tap ⊕ ⊖ keys to adjust the temperature,
Adjustable range is -5~5℃,stepping by 1℃.
Default is 0. If setting-2, shown as
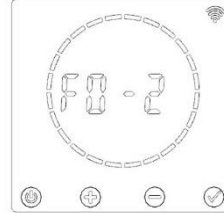
4.2 Sensor mode (F1):

Tap ⊕ ⊖ keys to adjust the time.

There are 4 options- 15,30,45,60 minutes. Default is 15

4.3 Open Window function (F2) :

Tap ⊕ ⊖ keys to adjust. Choose "OF" to disable detection, and choose "60" or"90" to enable it.

Under heating condition, when ambient temperature suddenly drops 2℃ 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.

4.4 Limit function (F3) ☺ :

Tap ⊕ ⊖ keys to adjust temperature grades,
there are 6 options—H0, H1,H2,H3,H4,H5.
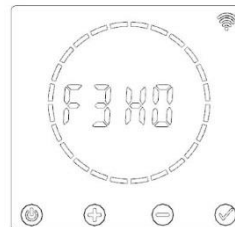
When setting H5 (approx.50℃), the heating temperature reaches closed 50, the device will stop

heating. If lower, the device will heat again

4.5 WIFI function (F4) :

Tap ⊕ ⊖ keys to turn "ON" and "OF" . When connection APP, shall make it oN

4.6 Time synchronization (F5)

When in ON state, the time will synchronize with the APP; if in OF state, the time will not

synchronize. Tap ⊕ ⊖ keys to turn "ON" and "OF".

Wifi connection

1- Turn on WiFi function,WiFi icon flickers

2-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)

3.Download APP, register and log-in ,Press Auto Scan to add device, when searching it, press next

4. Enter and confirm the WiFi name and password, press next.

5.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.

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

7. If connection is failed on the first attempt:

   a. 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);

   b. Make sure mobile phone's WIFI function on and connected to the network;

   c. Make sure your smart device is connected to the same WiFi network as that to which you are attempting to connect your radiator;

   d. When to bind APP and device, mobile phone needs to synchronize with devices, the time is limited.

   e. Make sure phone location and Bluetooth are enabled

   f.   Ensure you are connected to a **2.4G WiFi** band. See instructions within the app if you are currently connected to a 5G band.

On the device

In Off state, hold and down button for 5 seconds

to start pairing up, down-count-99 starts on the device, shown as
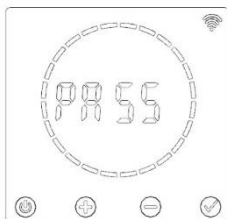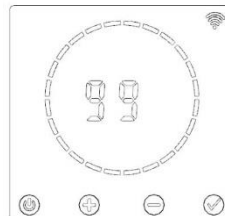
Successful pairing up shows PASS   Failure shows FAIL

On the App :

Open and log in Smart life, tap 'add device' to search for and add device ,shown as
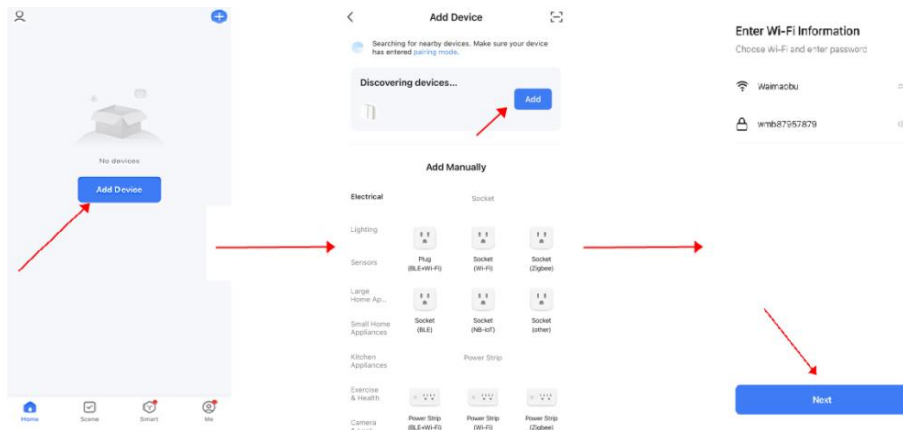
Step next and have it done, then come to home page, shown as
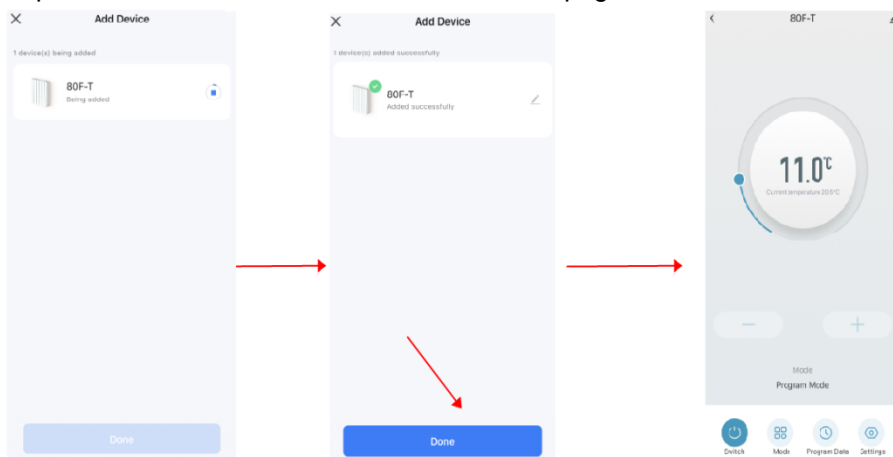
Following the operations on homepage interface
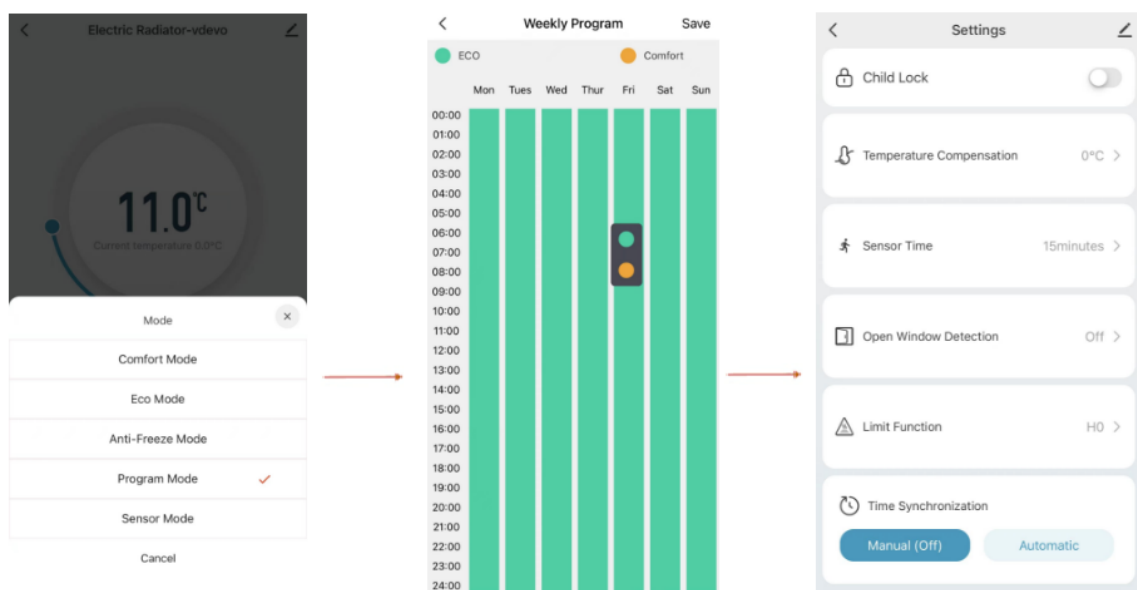
Reset to Defaults:

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℃, ECO temperature- 15.5℃, time "0000",

day of the week "1",P1-P7 is defaulted ECO, temperature compensation -"0",

Open Window function- "oF",   Sensor time- "15", Limit function- "H0",

WiFi –"oN",Time synchronization-oN

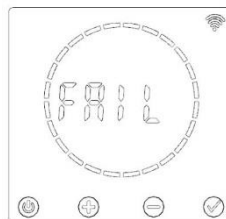### Alarms

Problem	code
Ambient temperature sensor disconnected or the ambient temperature<-15℃	Err1

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).

Information requirements for electric space heaters

Model	700W	1000W	1500W	2000W
Heat output				
Nominal heat output (Pnom/kw)	0.7	1.0	1.5	2.0
Minimum heat output (indicative) (Pmin/Kw)	0.7	1.0	1.5	2.0
Maximum continuous heat output (Pmax.c/kw)	0.7	1.0	1.5	2.0
Auxiliary electricity consumption				
At nominal heat output (el_{max}/KW)	N/A	N/A	N/A	N/A
At minimum heat output (el_{min}/KW)	N/A	N/A	N/A	N/A
In standby mode (el_{SB}/W)	1.05	1.05	1.05	1.05

Item	unit
Type of heat input, for electric storage local space heaters only (select one)	
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
Type of heat output/room temperature control(select one)	
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
Other control options(multiple selections possible)	
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:	Atay Global Ltd Unit 6 Weybridge Farm,Stanbourne Road Great Yeldham,CO9 4RB,UK info@atayglobal.com

This marking indicates that this product should not be disposed with other household wastes throughout the EU. 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.