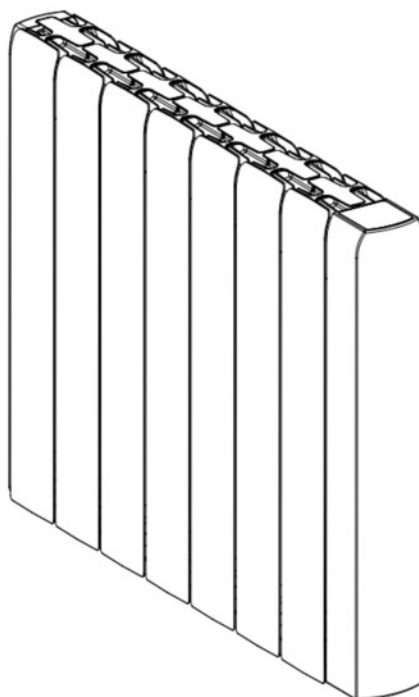


INSTRUCTION MANUAL

ACCORTO RADIATOR


MODELS : ACC series



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 metre 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, please refer to the paragraph of the manual shown overleaf.

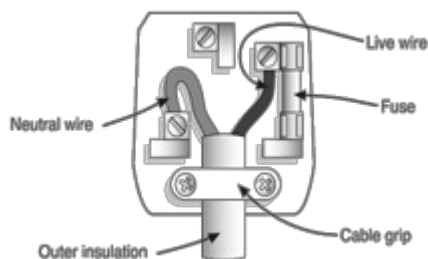
- Means for disconnection having contact separation in all poles must be incorporated in the fixed wiring in accordance with the wiring rules.

I / ELECTRICAL CONNECTION

- Your heater must only be installed in a fixed position in accordance with national installation rules (for UK).
- **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 respecting the polarities as below:

FOR UK USE ONLY - Plug fitting details (where applicable).



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

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

To install your device:

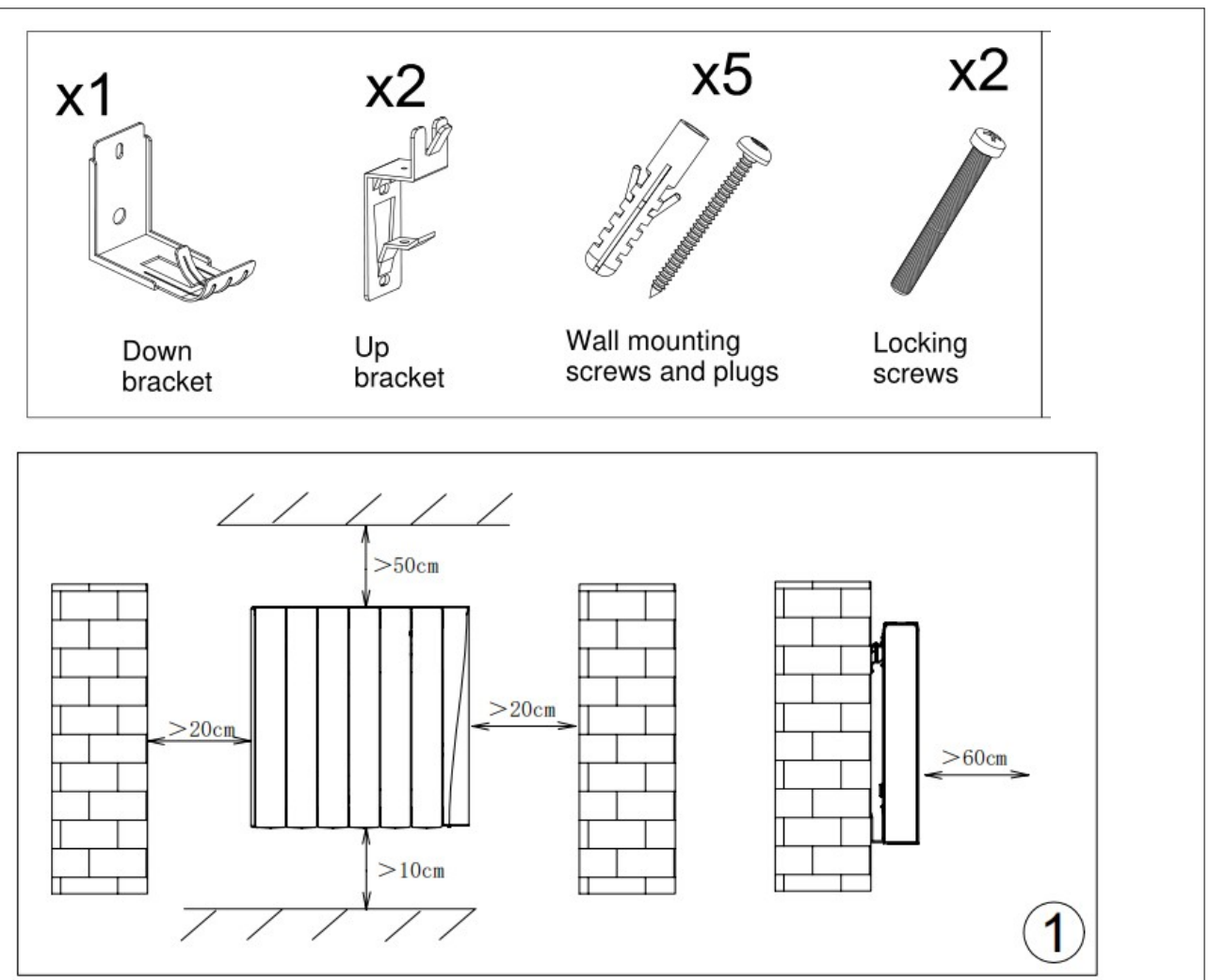
Make sure distances to walls and objects are respected.

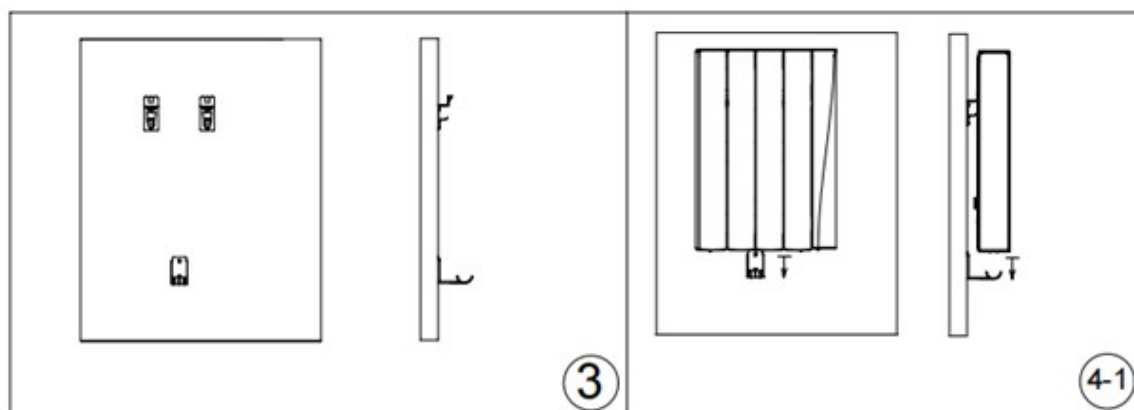
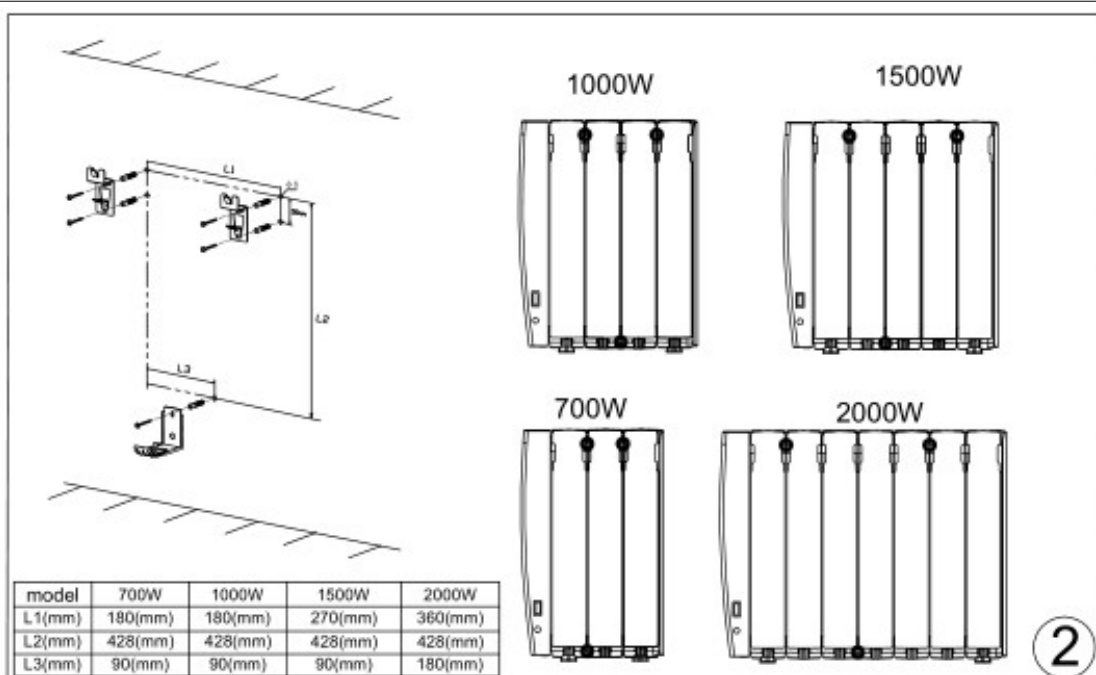
1 - Use the screws, dowels and brackets supplied by the manufacturer.

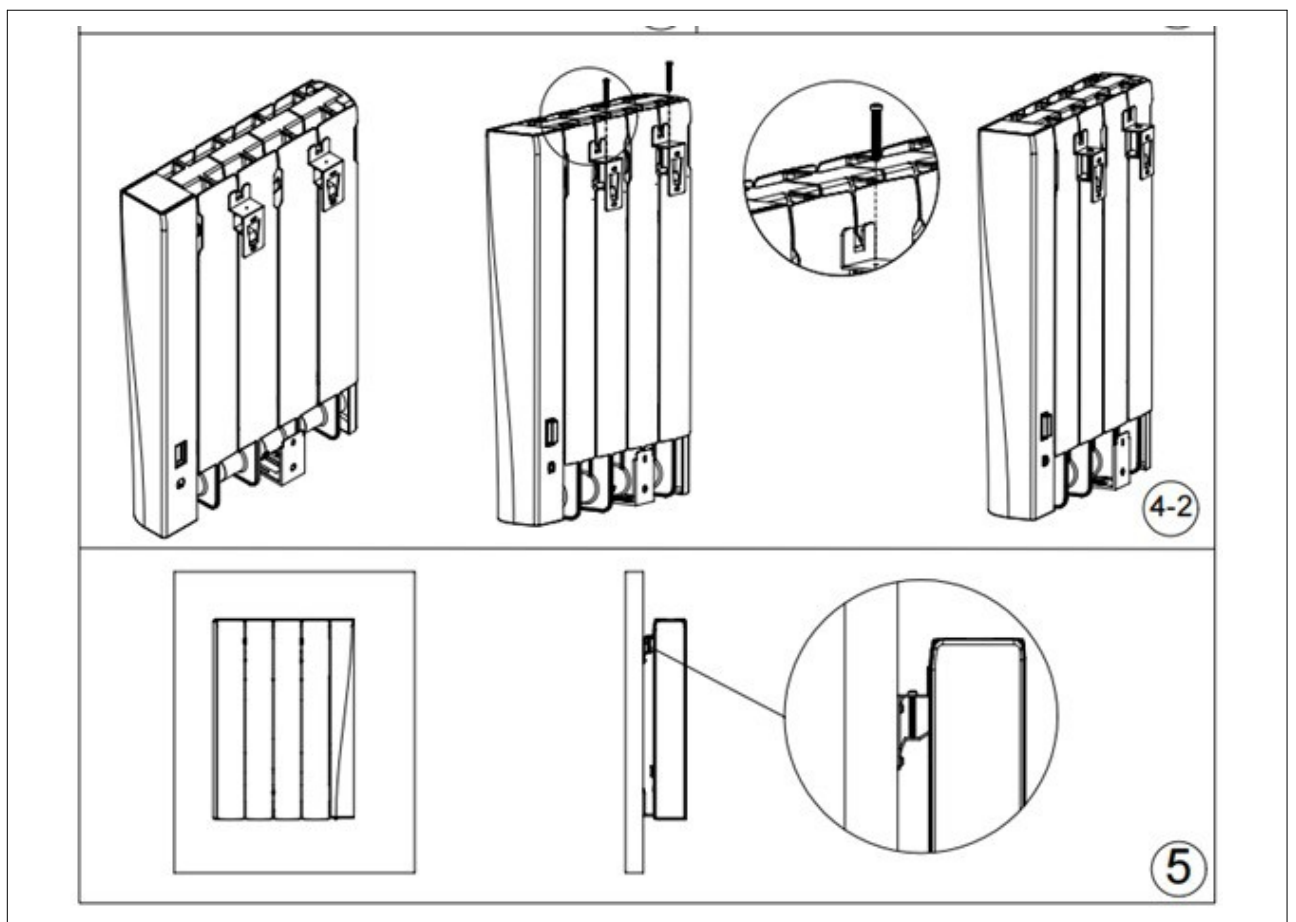
2 - For drilling dimensions, see the drilling template.

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.





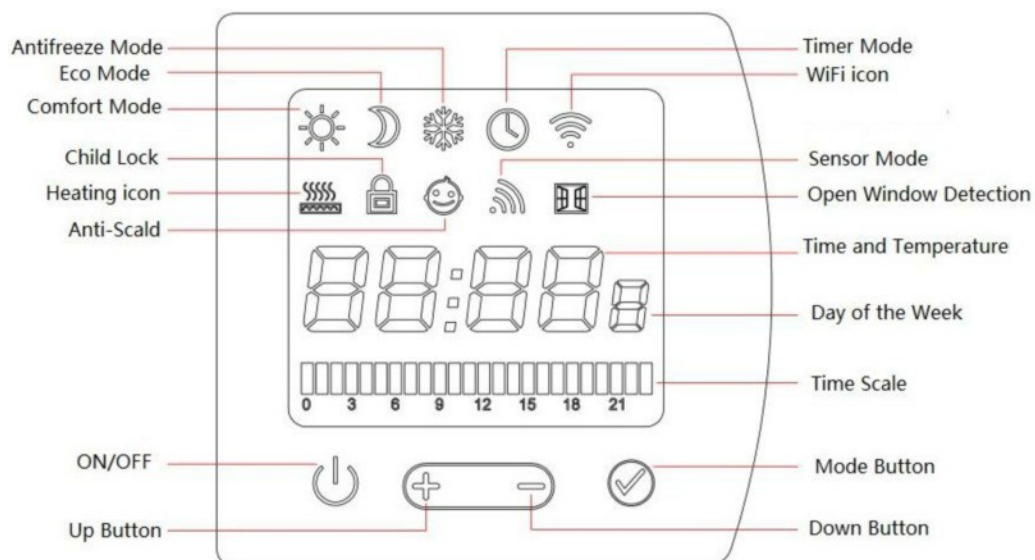


1. Technical characteristics:

- Power supply: 230V~ 50Hz
- Wattage: 700W, 1000W, 1500W, 2000W;
- Water proof: IP20
- Minimum temperature set point: +/- 0.5 °C
- Temperature range setting: 7 °C to 30 °C

Modes: Comfort Mode, Eco Mode, Anti-freeze Mode, Timer Mode, Pilot wire Mode.

2. LCD display











3. Operation description




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 , Pilot wire mode  and Sensor 



3.1. Comfort Mode :

Tap  to start Comfort mode, tap  and  key to adjust the temperature setting, stepping by 0.5 °C. Default is 19°C


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 to Eco mode, tap  and  key to adjust the temperature setting, stepping by 0.5 °C. Default is 15.5C.


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



3.3. Anti-freeze Mode :

Tap  to switch to Anti-freeze mode. Default temperature is 7 °C. 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. Programming Mode :

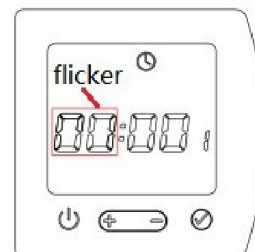
3.4.1. Tap  to switch to programming mode, displaying 00:00 when first connected to electricity.

3.4.2. Press and hold  for 3 seconds to set up the time, tap  to switch between hour→minute→week→daily program→ exit

3.4.3. Hour setting:

Tap **+** **-** key to adjust.

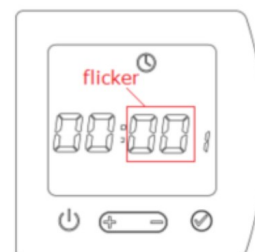
Adjustable range is 0~23H, stepping by 1H



3.4.4. Minute setting:

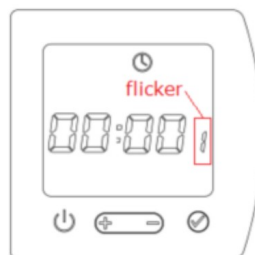
Tap **+** **-** key to adjust.

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



3.4.5. Day of week setting:

Tap **+** **-** key to adjust from 1 to 7, stepping by 1 day.



3.4.6. Day programming setting:

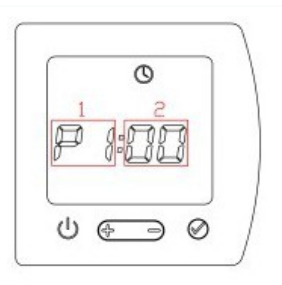
P1-P7 are days of the week.


P1= Monday to P7=Sunday

All days are defaulted to ECO mode, shown as

In the picture, 1-day of the week, range 1-7;

2-hour, range 0-23H



Tap  for 3 seconds to modify P1-P7 programming.

Tap **+** **-** keys to change each hour, stepping by 1H.

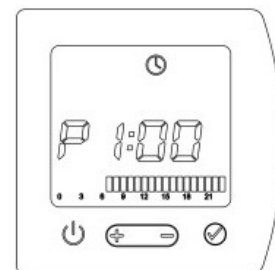
Press **+** to select comfort mode, displaying **I**,

press **-** to select ECO mode, displaying **0**

For example:

P1: Comfort mode - 7:00 to 23:00

(Midnight to 7:00 is ECO mode) shown as




3.4.7. The blocks at the bottom flash to indicate the working time and mode. The block flashes at the current time of day.

For example: Current time is 12:00 and the mode is

Comfort mode, displaying **I** icon on the time scale (red arrow).




The block flashes and the  icon (green arrow) appears on the screen to show that comfort mode is active.


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 human or moving objects are detected, it automatically jumps to the SENSOR MODE interface. If you want to use microwave body induction function, you need to turn on the microwave system in the radiator settings. The choice time is "15", "30", "45" and "60".

3.6. Boost function

It is available only in Eco and sensor mode.

In locked state, press  key for 5 seconds to enable Boost function, displaying b0:45.

Press  key for 5 seconds again to disable Boost function. After 45 minutes, it returns to current programming.

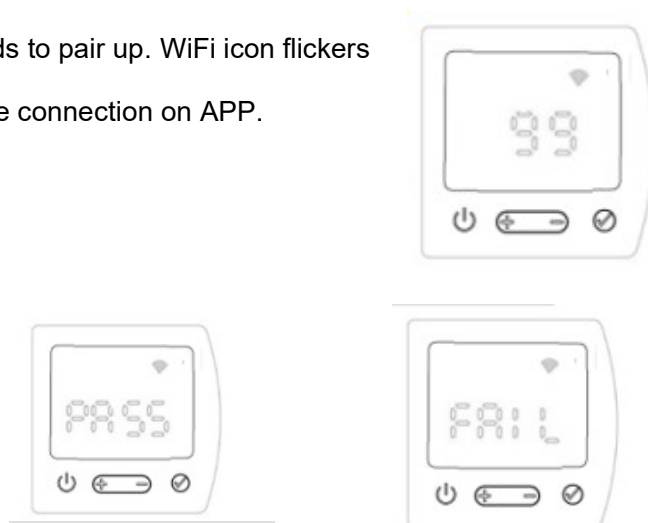
3.7 WiFi pairing up

In standby state, press  for 3 seconds to pair up. WiFi icon flickers



With 90 second count down to make the connection on APP.

Successful pairing, display says PASS



Failure to pair, display says FAIL





4.0 Internal settings.

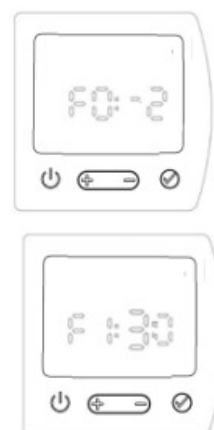
In standby state, press  key for 5 seconds to start internal settings, tap  key to switch modes - temperature compensation (F0) → Sensor function (F1) → Open Window function (F2) → Limit function (F3) → WiFi function (F4) → time synchronization (F5) ON/OFF.

4.1. Temperature compensation (F0):

Tap   keys to adjust the temperature, adjustable range is -5~5°C, stepping by 1°C. Default is 0. If setting-2, shown as

4.2. Sensor Model (F1)

Tap   to adjust the time. There are 3 options - 15,30,45,60 minutes. If set 30 minutes, shown as



4.3 Open Window Function (F2)

Tap **+** **-** to adjust. Choose OF to disable detection, and choose 60 or 90 to enable it. If set to 60, shown as ..

While heating, 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.



4.4 Surface Temperature Limit function (F3)

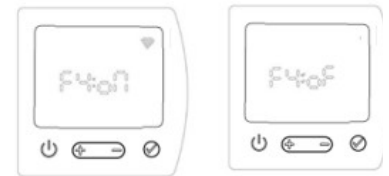
Tap **+** **-** to adjust temperature grades, there are 6 option - H0, H1, H2, H3, H4, H5. Choose H0 to disable it, H1-H5 is for the approximate temperature range 30-50, stepping by 5. Example, H1-30, H5-50.

When the device is set H5 and reaches an approximate temperature - 50, it will stop heating. (Note, The temperature is for a reference only, might be some difference with the real one).

4.5 WiFi function (F4)

Tap **+** **-** keys to enable ON and disable OF.

When APP is connected, it will be ON.

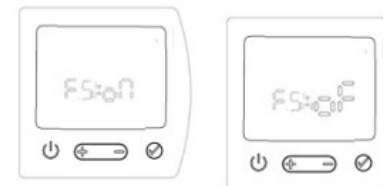


4.6 Time synchronization (F5)

When in oN state, the time will synchronize with the APP,


If in OF state, the time will not synchronize.

Tap **+** **-** keys to select ON or OF.





5. Reset to Defaults:

When plugged to the power source, press button  for 10 seconds to reset factory configuration.


Full screen displays for 3 seconds and turns 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, Surface Temperature Limit function - OF, WiFi ON, Time Synchronization - ON.

WiFi pairing up



1. Turn on WiFi function, WiFi icon flickers
2. Download APP name_ Smart life_  on Smartphone or tablet or scan QR to download, (different Android / IOS versions may affect some of the APPs function).
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 
icon will turn on after configuring the radiator, turn back to homepage.
6. Log in APP home page to add device and set up different modes
7. If connection fails on the first attempt:
 - a. Check the strength of WiFi network, weak network will affect the connection, the distance should be within 10 metres. Radiators need a good strong WiFi connection.
 - b. Make sure mobile phone's WiFi function is 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 binding APP and device, there is limited time for the mobile phone to synchronize with devices.
 - e. 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, press and hold down  button for 3 seconds to start pairing up, count-down-90 starts on the device as shown as



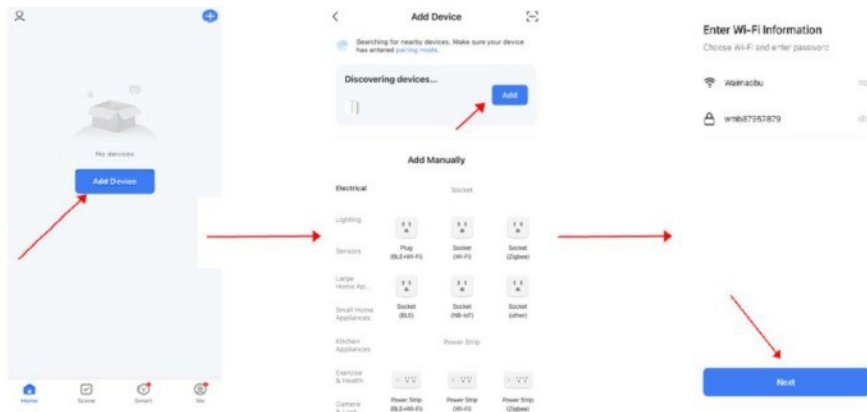
Successful pairing up shows PASS

Failure shows FAIL

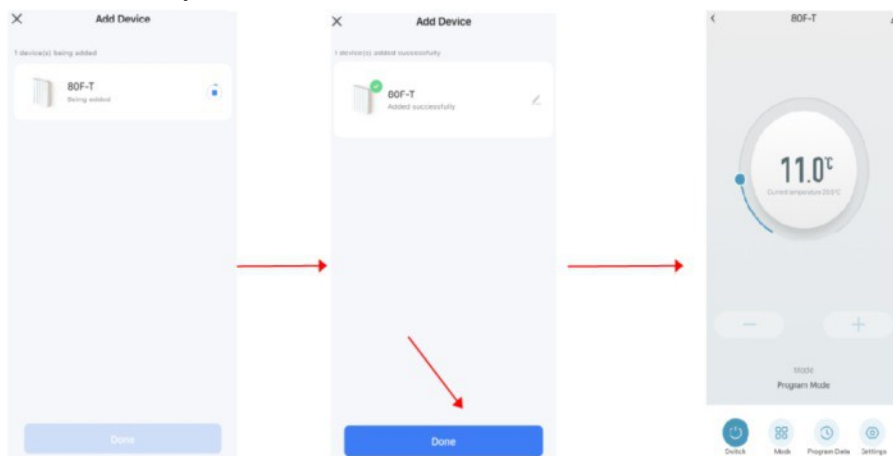


On the App

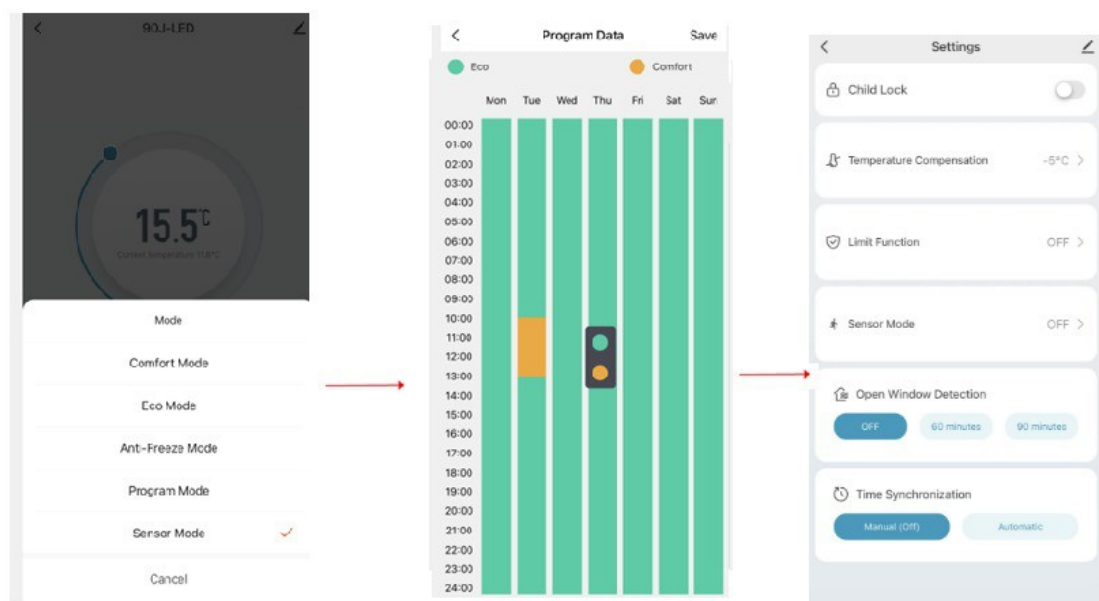
Open and log in to smart life, tap 'add device' to search for and add device, shown as



Press next and you will see the device has been added



Following the operation on homepage interface



Alarms

Problem	Code
Ambient temperature sensor disconnected or the ambient temperature < -15°C	Err1
Ambient temperature sensor short-circuited or the ambient temperature < -15°C	Err2

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

It is okay for the cable to be cut and plug removed for installation if carried out by a qualified and registered electrician.

IMPORTANT: Temperature changes are normal when using an electric thermostat due to electrical changes or changes in ambient conditions outside of 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	RJ070T	RJ100T	RJ150T	RJ200T
Heat output				
Nominal heat output (P _{nom} /kW)	0.7	1.0	1.5	2.0
Minimum heat output (indicative) (P _{min} /kW)	0.7	1.0	1.5	2.0
Maximum continuous heat output (P _{max.c} /kW)	0.7	1.0	1.5	2.0
Auxiliary electricity consumption				
At nominal heat output (e _{lmax} /kW)	N/A	N/A	N/A	N/A
At minimum heat output (e _{lmin} /kW)	N/A	N/A	N/A	N/A
In standby mode (e _{lsb} /W)	0.75	0.75	0.75	0.75

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	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:	Electrorad U.K. Ltd Units 5-7 Bramley Business Park, Railsfield Rise, Bramley, Leeds LS13 3SA



This marking indicates that this product should not be disposed with other household waste 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.

Made in PRC