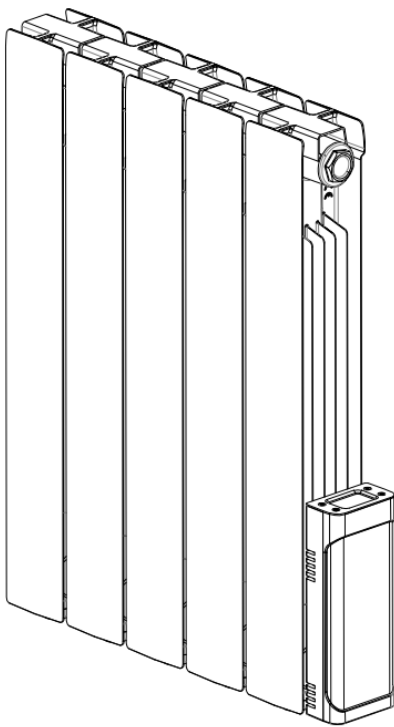


MANUEL INSTRUCTIONS

OIL FILLED RADIATORS

MODELS : AHC series



SKU :135-0055/135-0056/135-0057/135-0058/135-0059
135-0579/135-0580/135-0581/135-0582/135-0583
135-0597/135-0598/135-0599/135-0600/135-0601

PLASE READ AND SAVE THESE INSTRUCTIONS

This product is only suitable for well insulated spaces or occasional use.

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.

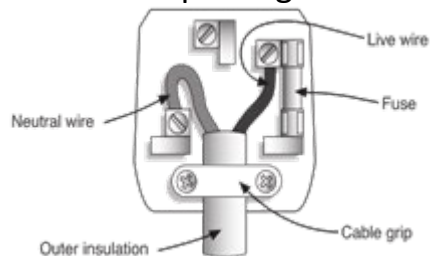
- This heater is filled with a precise quantity of special oil. Repairs requiring opening of the oil container are only to be made by the manufacturer or his service agent who should be contacted if there is an oil leak.
- When scrapping the heater, follow the regulations concerning the disposal of oil.
- 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.

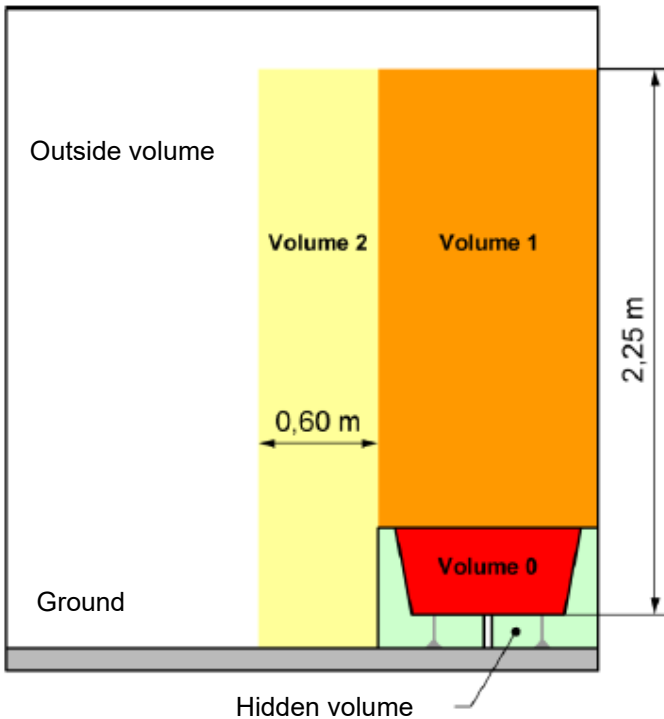
⇒ Attention: Connect the three conductors of the supply cable to a connection box in respecting the polarities as below:

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



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

⇒ Warning: this product shall be installed in the volume 2 or outside volume only according the national wiring rules (For France NF C 15-100)
Note: The above drawing is for reference only.
We suggest that you to contact a professional electrician for assistance.



If you are not sure, we suggest that you to contact a

professional electrician for assistance.

Mounting the device

To install your device:

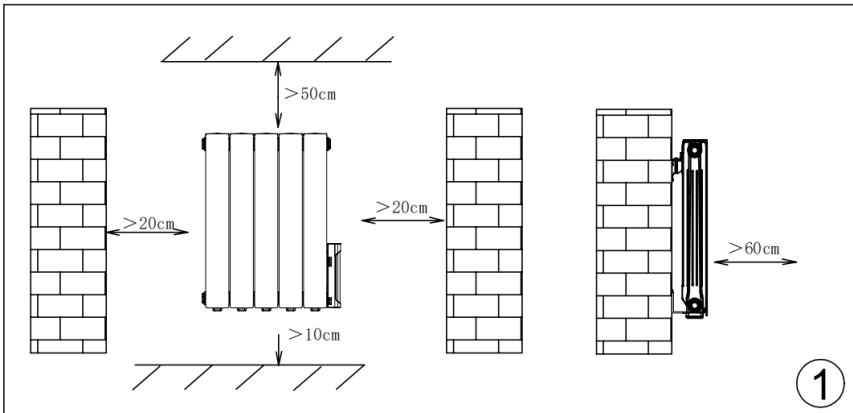
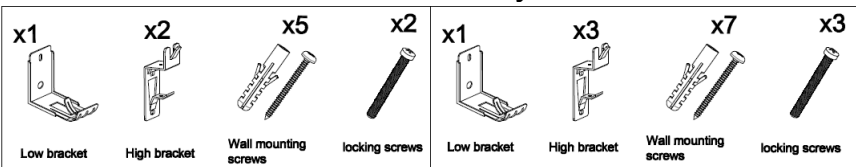
Make sure distances to walls and objects are respected.

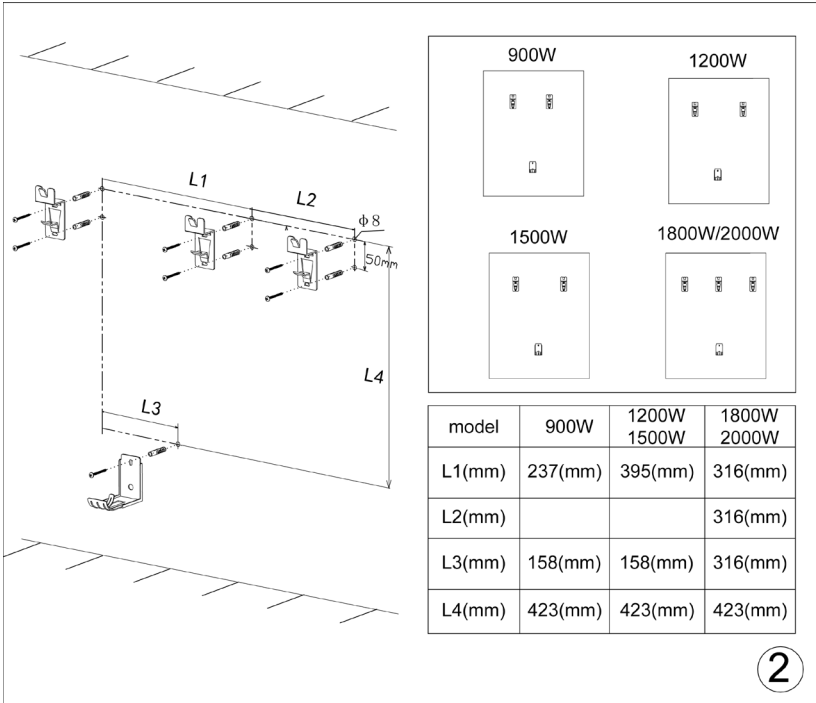
1 - Use the screws, dowels and brackets supplied by the manufacturer.

2 - For drilling dimensions, see the drilling template.

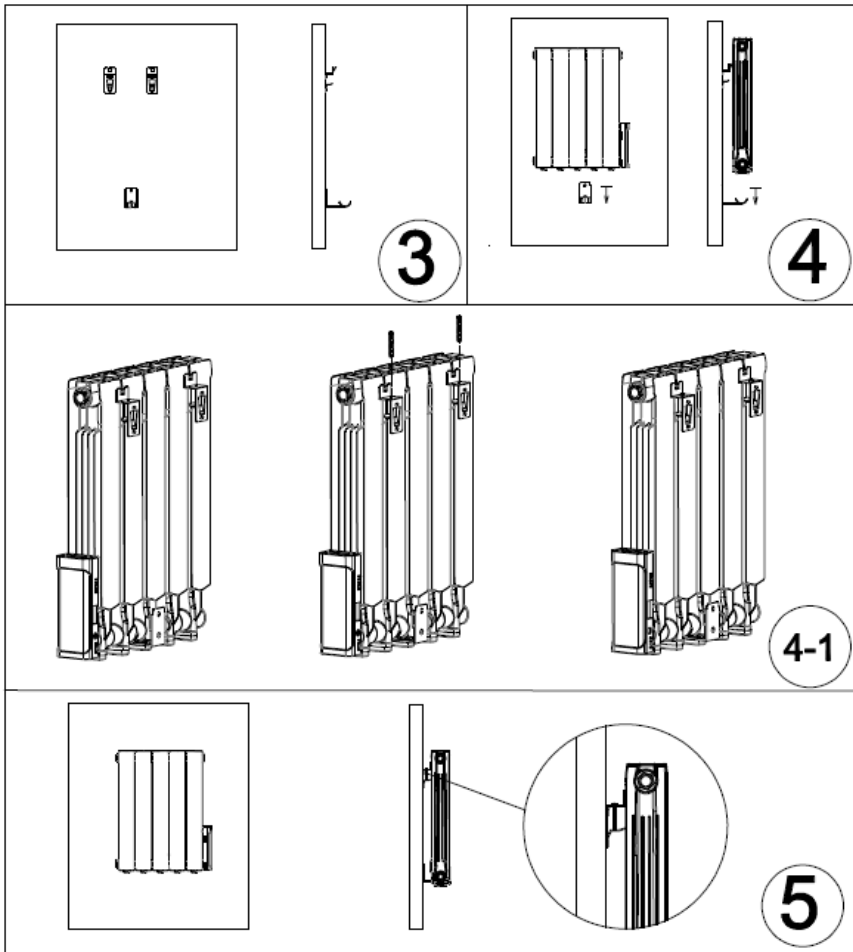
3 - Read the instructions for the steps on the installation as shown on the next page.

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





2



Portable installation method:

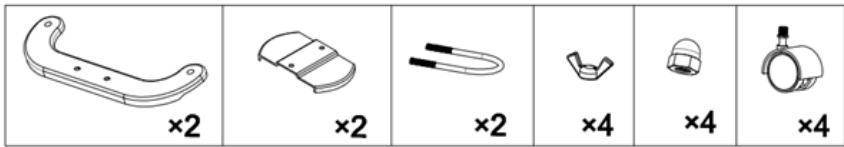
Installation manual of wheels

First take out the casters accessories: brackets, small brackets, climbing, butterfly nuts, spherical nuts, wheels.

Note: There are two types of optional caster

accessories that are installed in the same way.

Caster accessories 1



Step 1.

- Install the casters on the bracket and fix the wheels with spherical nuts as shown in Figure 1.

Step 2.

First install the product on the floor or flat on the desktop (head and desktop should be protected), then install the U-screw (holding climb) on the product as shown in Figure 2.

Step 3.

- Put the bracket groove down and cover the two holes into the embrace. Note that one hand cannot move away from the embrace (Fig. 3)

Step 4.

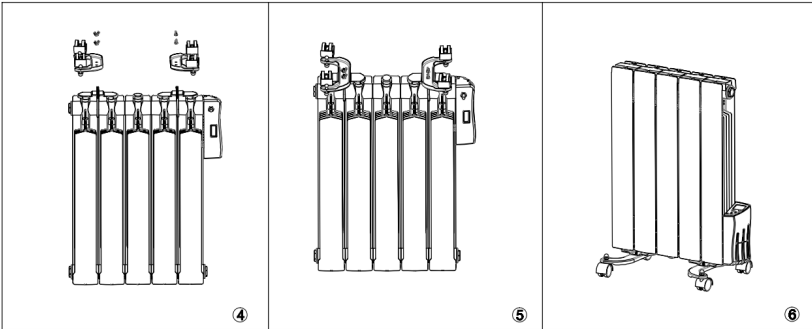
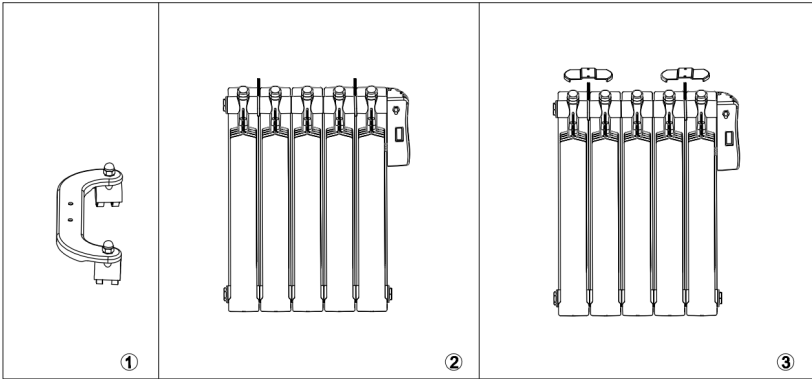
- Put the bracket of the installed casters into the holding climb and fix it firmly with a butterfly nut as shown in Figure 4.

Step 5.

- Installed (Fig.5)

Step 6.

- Installed and placed(Fig.6)



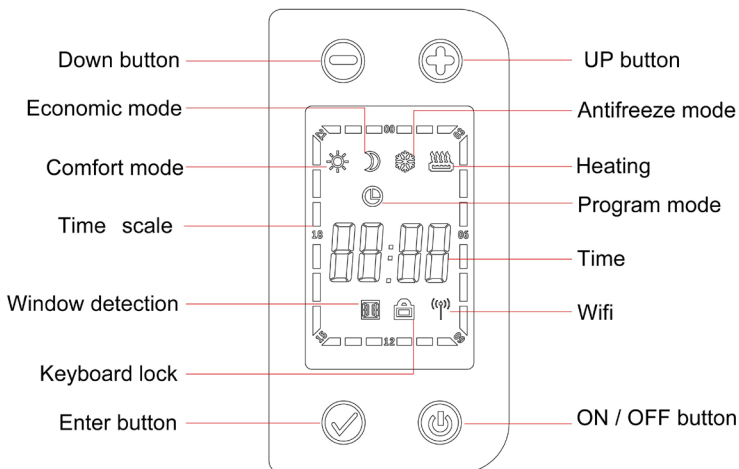
II / TECHNICAL SPECIFICATION

Heating	Oil filled aluminum radiators
Voltage	230V~ 50Hz
Wattage	900W,1200, 1500W, 1800W, 2000W


Temperature setting	7-30 °C 0.5 °C
IP rating	IP24
Appliance class	Class II
Motion sensor (5.8G)	5725-5875MHz 5.28 dBm (3.37mW) < 13.98dBm
WiFi frequency	2400-2483.5MHz 17.21dBm (52.6mW) < 20dBm

III / OPERATION

1 / Description of the control panel













To switch on or off your heater, press briefly the ON / OFF button.

After pressing  button, your heater turns into COMFORT mode.

To change the MODE button, press the MODE button. Each time you change the MODE as follows: COMFORT MODE - ECONOMIC MODE- ANTIFREEZE MODE- PROGRAM MODE.

2 / LCD display

MODE	Description
	TIME
	WEEK (1 to 7)
	PRE-RECORDED PROGRAMS(P1 to P7)
	TEMPERATURE
	COMFORT MODE
	ECONOMIC MODE
	ANTIFREEZE MODE
	PROGRAM MODE
	WINDOW DETECTION
	KEYBOARD LOCK (except ON / OFF)
	HEATING INDICATOR
	COMFORT MODE (0 to 24H)
	ECONOMIC MODE (0 to 24H)

	Wifi
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COMFORT MODE

This is the normal operating mode of the radiator. The unit operates until the room temperature reaches the previously set temperature. The preset temperature is 19 ° C.

ECONOMIC MODE

This is an economical location that cannot be higher than the temperature of the comfort mode. The preset temperature is 15.5 ° C.

The economy mode temperature cannot be higher than the comfort mode temperature.




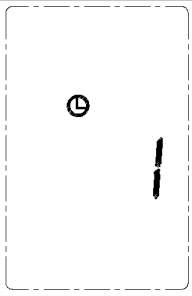
If you want to increase or decrease the temperature of comfort mode and economy mode, please press the  /  button to increase or decrease the desired temperature in steps of 0.5 ° C. The lowest possible temperature is 7 ° C and the highest temperature is 30 ° C.

ANTIFREEZE MODE

Your radiator is set to guarantee a minimum temperature of 7° C in your room, this allows you to avoid any risk of frost. Use this position when the rooms are unoccupied for long periods of time (holidays for example.)

PROGRAM MODE

When you first use your radiator (or after a power failure), you must set the time and day of the week (To modify a program):

		<p>1. Press the MODE button for 3 seconds until the time flashes ("00").</p>
		<p>2. Set the hours first by pressing the UP button and DOWN button,</p>
		<p>3. then press MODE button . until minutes flash ("00"), then set the minutes by pressing the UP and DOWN buttons,</p>
		<p>4. then press MODE button .week flashes ("1") Then UP and DOWN buttons select the day of the week 1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 = Friday, 6 = Saturday, 7 = Sunday, then press MODE button .</p>

	<p>5. Choose the desired program (P1-P7) for day 1 (MONDAY) by pressing UP and DOWN to switch between programs. press MODE button to return to the Home screen.</p>																
	<p>Instructions:</p> <table border="1"> <thead> <tr> <th>MODE</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>08:38</td> <td>TIME</td> </tr> <tr> <td>P1</td> <td>P1 program</td> </tr> <tr> <td>⌚</td> <td>PROGRAM MODE</td> </tr> <tr> <td>🌙</td> <td>ECONOMIC MODE</td> </tr> <tr> <td>🔥</td> <td>Heating</td> </tr> <tr> <td>■</td> <td>Work time: 3 seconds on, 1 second off</td> </tr> <tr> <td>□</td> <td>Work time: 1 seconds on, 3 second off</td> </tr> </tbody> </table>	MODE	Description	08:38	TIME	P1	P1 program	⌚	PROGRAM MODE	🌙	ECONOMIC MODE	🔥	Heating	■	Work time: 3 seconds on, 1 second off	□	Work time: 1 seconds on, 3 second off
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P1	P1 program																
⌚	PROGRAM MODE																
🌙	ECONOMIC MODE																
🔥	Heating																
■	Work time: 3 seconds on, 1 second off																
□	Work time: 1 seconds on, 3 second off																

P program modification

	<p>1. Press the MODE button for 3 seconds until the time flashes ("08"). Switch mode button to P 1 program</p>
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		<p>2. Press the MODE button for 3 seconds until the time flashes ("00").</p> <p>Then press the up and down buttons to set the hour</p> <p>Press the up button to set the comfort mode, and press the down button to set the economy mode;</p>
		<p>P1 program modification timing:</p> <p>Comfort mode time: 06:00-18:00</p> <p>Economic mode time: 19:00-05:00</p> <p>Press the mode button to exit and return to the main page</p>

The next step is programming your radiator for each hour (from 00:00 to 24:00) of each day of the week (1 to 7). For each hour you must choose either COMFORT MODE or ECONOMIC MODE.

Press UP to have your heater operate in COMFORT MODE during this time or DOWN to operate on the ECONOMIC MODE.

Once you have made your selection for the day, you can:



- press MODE button to move to the next day.
- modify the day by continuing to press the UP / DOWN keys until you have created a program that satisfies you.





Pre-recorded programs P1 to P7 Economic mode

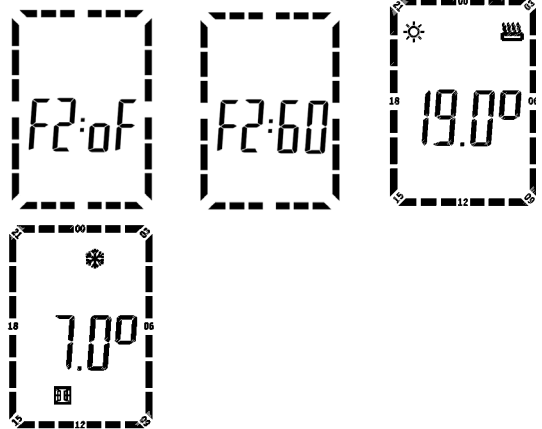


KEYBOARD LOCK

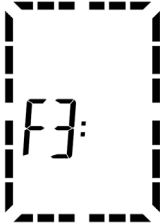



The screen is locked and the buttons stop responding (except ON / OFF). To activate Child Lock, press the UP button and DOWN button at the same time for 3 seconds until the padlock appears. Press the UP button and DOWN button for 3 seconds again to disable child lock.




Internal settings

In Off state, hold and down  button for 5 seconds to start the internal settings. Tap  to switch Temperature compensation(F0)- Reserved function (F1)-Open window detection(F2)—Reserved function (F3)-Wifi function(F4)- Time synchronization (F5)

Internal settings	Illustration (reference)	illustrate
Temperature compensation(F0)		Tap   buttons to adjust the temperature, by stepping of 1 °C. Adjustable range is -5~5°C. Default is 0
(F1)		Reserved function

<p>Open window detection(F2)</p>		<p>Tap  buttons to set up, 3 options— 0F, 60, 90. Default is 0F. If it's 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</p>
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		<p>stops heating, will re-heat after 60 minutes, if temperature keeps dropping, the device will stop heating again, and repeat the cycle, shown as</p>
<p>(F3)</p>		<p>Reserved function</p>
<p>Wifi function(F4)</p>		<p>Tap   buttons to turn on (oN) and turn off(oF). Default is oN When</p>

		pairing up WiFi connection, shall turn on WiFi function(oN)
Time synchronizati on (F5)		Tap   button s to switch "oN" and "oF" . When in oN state, the time will synchronize with the APP; if in " oF" state, the time will not synchronize

Factory Reset: Press the ON / OFF button for 10 seconds to reset your thermostat and reinstall the factory default configuration. Watch out the time, the day of the week, your COMFORT and ECO temperature levels as well as your weekly programming will all be lost.


Memory function during power failure

If a power supply malfunction occurs suddenly, the heater is turned off. When the unit is electrically powered again, there is no need to reprogram it except the "Time" and "Timer" functions.

Wifi pairing up ⁽⁽⁺⁾⁾
|

- 1- Turn on WiFi function,WiFi icon flickers



2-Download APP name ' Smart life  on Smartphone 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. MODE button 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. 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

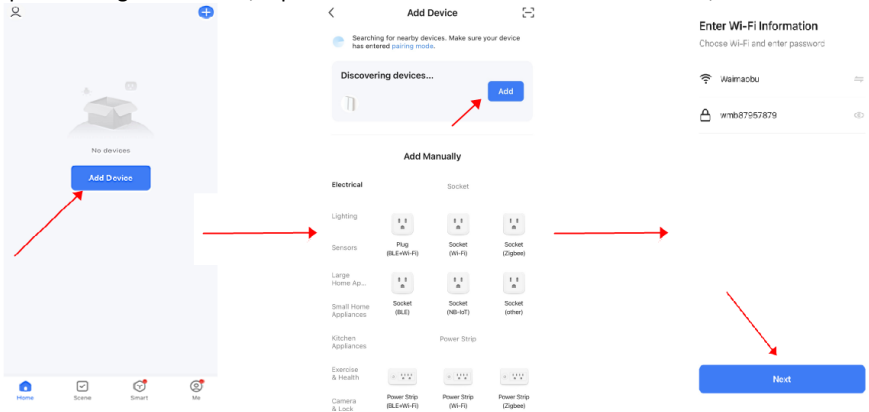


In Off state, hold and down button for 3 seconds to start pairing up, down-count-99 starts on the device, shown as

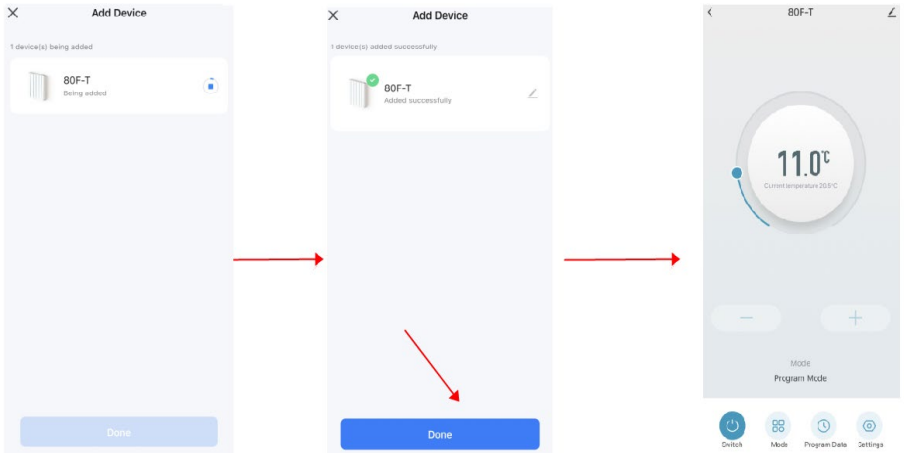
Successful pairing up shows PASS	
Failure shows FAIL	

On the App :

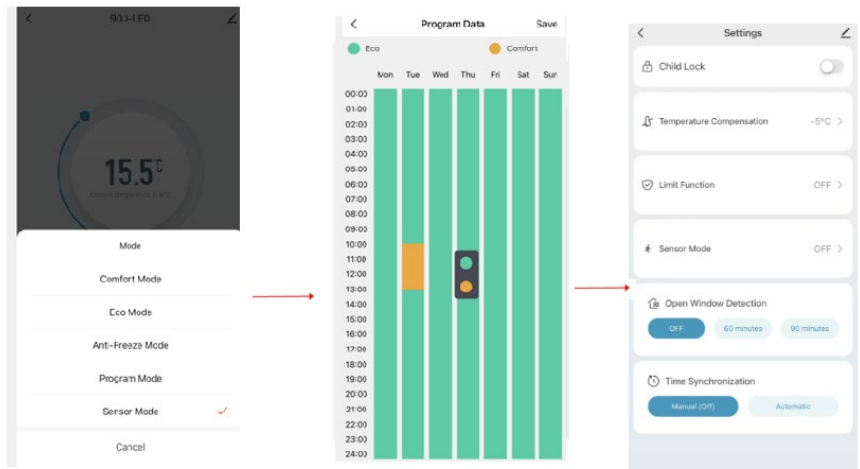
Open and log in smart life, tap 'add device' to search for and add device ,shown as



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



Following the operations on homepage interface



V / Information requirements for electric space heaters

Model	900W	1200W	1500W	1800W	2000W
Nominal heat output (P _{nom} /kw)	0.9	1.2	1.5	1.8	2.0

Minimum heat output (indicative) (P _{min} /Kw)	0.9	1.2	1.5	1.8	2.0
Maximum continuous heat output (P _{max.c} /kw)	0.9	1.2	1.5	1.8	2.0
At nominal heat output (e _{lmax} /KW)	N/A	N/A	N/A	N/A	N/A
At minimum heat output (e _{lmin} /KW)	N/A	N/A	N/A	N/A	N/A
In standby mode (e _{lSB} /W)					

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 details :	UK Add: Unit A James Carter Road,Mildenhall,Bury St.Edmunds,England, IP28 7ED EU Add: Fraunhofer Str.7 Leipzig,Sachsen,Germany

IV / 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).



This symbol indicates that this product contributes to the protection of the environment by applying the WEEE Directive 2012/19/EU. Disposal of used electrical and electronic equipment with household waste or in the environment is prohibited. They are asked to take them to one of the selective collection cMODE buttons planned by the municipal administration to ensure their recycling. You also have the option of depositing your product at your distributor if you buy a product of the same type. By respecting this approach, you contribute to the preservation of natural resources and the protection of human health.