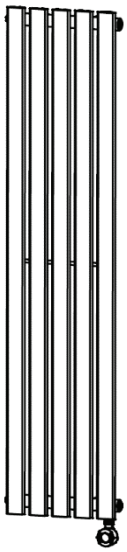
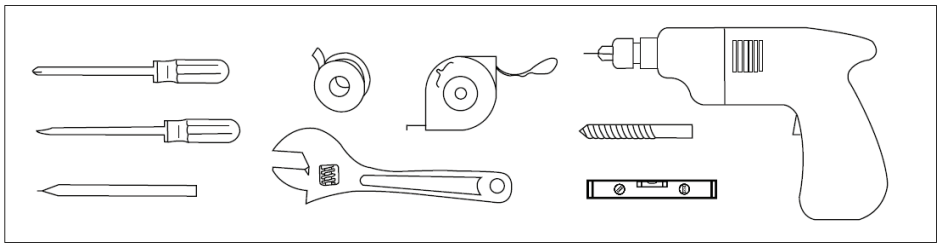
Assembly Instruction Radiator

Please carefully read the instructions below before beginning the assembly process.



Necessary Tools:



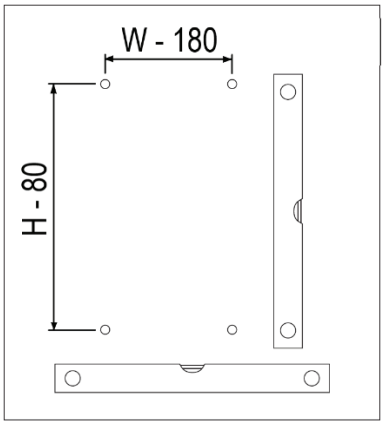
General points to observe:

- A qualified plumber or competent specialist should install the radiator.
- Keep the packaging until you have secured small parts like wall brackets and mounting accessories.
- Note that the radiator's dimensions, panel layout, and pipe arrangement may differ from the illustrations.
- It is recommended to wear appropriate protective clothing, such as gloves and reinforced work shoes, during assembly.
- Choose a location where the wall can support the radiator's weight and ensure proper clearance for air circulation.
- Check the packaging contents to ensure everything is complete.
- Ensure a suitable power outlet is nearby, and verify the voltage and amperage requirements match.
- Before drilling holes, make sure there are no hidden water, electric, or gas lines behind the wall.
- Maintain a minimum distance of 150 mm between the floor and the bottom of the radiator for efficient heating and ventilation.

Assembly Steps:

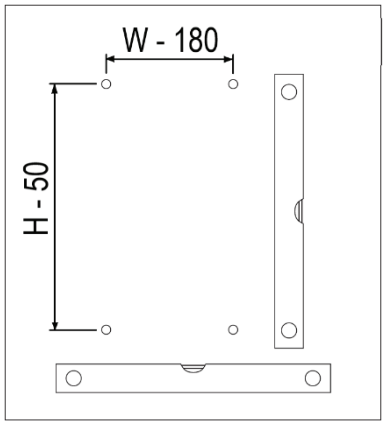
1. Measure and drill the holes for the brackets.

For Vertical Radiators:



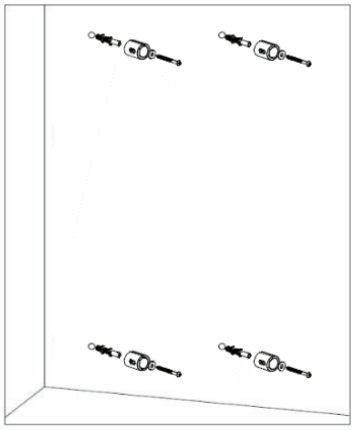
W = Radiator Width, H = Radiator Height
All dimensions in mm.

For Height 600 mm Horizontal Radiators:

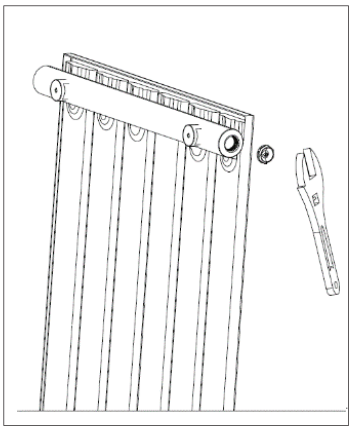


W = Radiator Width, H = Radiator Height
All dimensions in mm.

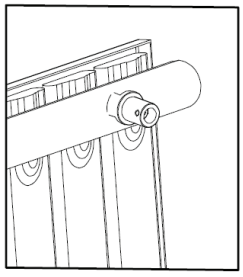
2. Make sure the supplied wall plug is suitable for your mounting position. Insert the wall plugs and mount the wall brackets.

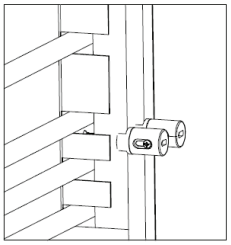


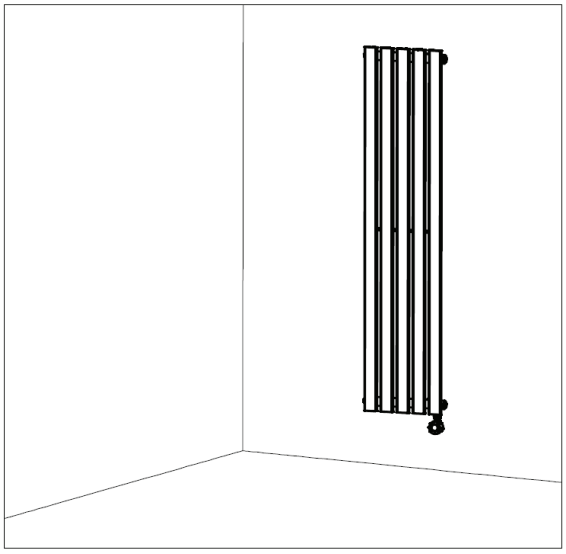
3. Install the air valve and the blanking plug in the upper threaded openings of the radiator.



4. Fit the mounting sleeves to the radiator and hang it on the wall brackets. Secure the bracket with the fixing screws.







5. Insert the plug of the heating element into the socket and the radiator is ready for operation.

Aftercare:

Clean any marks with a soft dry cloth, for stubborn stains please clean with mild soapy water and buff out with a soft cloth. DO NOT use abrasive or acidic cleaners.

Troubleshooting:

It is normal upon first use that you may see a small amount of water discharge from the pressure valve mounted on the side at the top of the radiator. After a short time all panels on the radiator should heat up. If this does not happen, it may be necessary to top up the radiator. To do this, place the radiator on its side and undo the top side nut. Top up with normal water and replace.

Recycling and Disposal:

Please recycle the packaging in accordance with your local government regulations on waste handling, and follow the same advice at the end of the products life.

Do not dispose of electrical components in household waste, but at separate collection points in accordance with legal requirements.

Operation

Check before switching on!

DANGER! Risk of injury! The device must only be put into operation if no faults are found during the check-up. If any part of the device is defective, it must be replaced before the next use.

Check the safe condition of the device:

– Check whether there are any visible defects.
– Check whether all parts of the device are firmly attached.

Electrical connection

– Connect mains cable to outlet.

DANGER! Risk of injury! The device may not be mounted directly below a wall outlet. Danger of cable fires!

LCD Panel diagram

► *P. 12, item 1*

[⏻]: On/Off

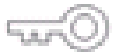
[MENU]: Menu

[△]: Temperature and time setting

[▽]: Temperature and time setting

– Choose mode, press **[MENU]** button to select the modes in this sequence: Comfort mode – Eco mode – Defrost mode – Timing mode –

LCD Icon

Icon	Description
	Clock
	Week (1 to 7)
	P mode (P1 to P7)
	Temperature
	Comfort mode
	Economy mode
	Defrost mode
	Timing mode
	Open window detection
	Child lock
	Heating

Comfort mode

Setting the temperature in the daytime,available temperature range 7 °C… 30 °C. Default temperature is 19 °C.

Economy mode

Setting the temperature in the night, available temperature range 7 °C… 30 °C. The Max temperature shall not exceed the comfortable temperature.Default temperature is 15 °C.

– Press **[△]** or **[▽]** to set the temperature, press **[△]** to increase the temperature.

Defrost mode

Setting the temperature at 7 °C, the unit will turn on at below 7 °C and it will turn off at above 7 °C.

Timing mode

First time use or long time no-use the radiator (or power failure), end user have to set present time and week.

Set time and week:

► *P. 12, item 2*

– To enter timing mode, press model icon **[MENU]** 5s untill hour set **[12]** flashes.

► *P. 12, item 3*

– Press **[△]** and **[▽]** to set hour, if no operation for 30s, it will jump to minute setting.

► *P. 12, item 4*

– Short press mode icon **[MENU]** untill minute **[00]** flashes, then press **[△]** and **[▽]** to adjust. if no operation for 30s, it will jump to week setting.

► *P. 12, item 5*

– Short press mode icon **[MENU]** untill week **[1]** flashes, then press **[△]** and **[▽]** to choose weekday.

• 1 = Mon, 2 = Tue, 3 = Wed, 4 = Thu, 5 = Fri, 6 = Sat, 7 = Sun.

► *P. 12, item 6*

– Short press mode icon **[MENU]**, then **[P1]** shows.
– Short press **[△]** and **[▽]** to choose mode (P1–P7).
– After setting, short press menu icon **[MENU]** and jump to P mode. Then press **[MENU]** until **[P1:00]** shows

Example

► *P. 12, item 7*

Icon	Description
	Heating state is on
	Comfort mode is on
	Current time
	Timing mode
Example	13:00-07:00
	Current operating position: flashes

► *P. 12, item 8*

P Mode (P1–P7)

(End users can use P mode to check and modify the settings for each day ofthe week. P1–P7 presents Monday to Sunday. The default setting from Monday to Sunday is from 5:00 to 23:59 running comfort mode and from 24:00 to 04:59 running economy mode. And you can modify the default settings by yourself.)

Example:

Set current time (12:00) and weekday (Monday) and then modify the default P1–7 (Monday to Sunday) setting.

► *P. 12, item 9*

– Press model icon **[MENU]** 3s untill flashes **[12]**.

► *P. 12, item 10*

– Then press mode icon **[MENU]**, flashes **[00]**.

► *P. 12, item 11*

– Press mode icon **[MENU]**. Flashes **[1]** and press **[▲]** set Tuesday.

► *P. 13, item 12*

– Press model icon **[MENU]**.

► *P. 13, item 13*

– Press mode icon **[MENU]** 5s until **[00]** flashes. Press **[▲]** and **[▼]** to adjust P1 mode (Press **[▲]** to run Comfort mode and press **[▼]** to run Economy mode).

► *P. 13, item 14*

– After choosing the mode you need then press model icon **[MENU]** to exit.

► *P. 13, item 15*

– Press mode icon **[MENU]** can switch from P1 to P7. P1 presents Monday and press mode icon **[MENU]** to Sunday, then press mode icon **[MENU]** to exit. if no operation for 30s, it will jump to time mode set.

► *P. 13, item 16*

– Press mode icon **[MENU]** to return to time mode.

Child lock

To avoid misoperation,end user can set child lock to lock current mode.Press **[▲]** and **[▼]** at same time 3s until Child lock icon **[🔒]** lights on, current mode is locked; except end user press on/off icon **[⏻]**, other operations are invalid. If dismiss child lock, press **[▲]** and **[▼]** at same time 3s until Child lock icon **[🔒]** lights off.

Internal setting and description

Press **[▲]** 10s in power off state, enter into internal setting, then short press **[MENU]** to switch mode, press **[▲]** and **[▼]** to set.

Temperature compensation setting (F0) – Window open detection (F1)

Window open detection (F1):

[0] means window open detection is off.

[60]/**[90]** In heating state, when environment temperature drops 5 °C within 5mins, indicating the window is open, Window open detection is start (when unit works in Defrost mode).

The unit stops heating for 60 or 90mins when the temperature is 10 °C, then enter into previous mode. If environment temperature drops 5 °C, within 5mins again, Window open detection starts again and heating stops for 60 or 90mins again. Run in this cycle.

Temperature compensation setting (F0):

Temperature compensation means that when the unit couldn't sense the temperature correctly, you can adjust the temperature manually.

► *P. 13, item 17*

– On stand by mode, press **[▲]** 10s.

► *P. 13, item 18*

– Temperature compensation setting when temperature is not correct. Press **[▲]** when in power off state into the temperature compensation setting, the range is from 5 °C to -5 °C,short press **[MENU]** to exit current setting.

► *P. 13, item 19*

– Press **[▲]** to start open window detection, end user ca re-start heating timing set, choose from **[0]**, **[60]**, **[90]** mins; after setting, short press **[MENU]** to switch to other modes.

► *P. 13, item 20*

– Press **[▼]** set **[0]** to stop open window detection.

Power failure memory function:

If into power failure suddenly,the working state is lock at the moment of power failure; when into power on, it automatically restore previous mode, except timing mode need to be reset, other modes saved.

Restore factory setting:

The system will start to restore the factory setting automatically and enter into the power off states when press the **[⏻]** 10s. Then press **[⏻]** and the temperature is 19 °C in comfort mode, the temperature is 15 °C in the economy mode. The time is **[12:00]**, week is **[1]**, **[P1–P7]** is the default setting, all the timing contents are restored to the factory settings.

Cleaning

DANGER! Risk of injury! Before all work on the device, always disconnect the mains plug.

NOTICE! Product damage! Never use detergents or solvents for cleaning. This can cause irreparable damage to the product. The plastic parts can be eaten away by chemicals.

– Switch off the device and let it cool off completely.
– Pull out the plug.
– Wipe the device with a slightly damp cloth.

Faults and remedial measures

When something isn't working…

DANGER! Risk of injury! Improperly performed repairs can lead to the device not functioning safely. This endangers yourself and your environment.

Malfunctions are often caused by minor faults. You can easily remedy most of these yourself. Please consult the following table before contacting the vendor. You will save yourself a lot of trouble and possibly money too.

Fault/malfunction	Cause	Remedial measure
Device does not heat	Is the device switched off?	Switch on the device or set the desired heat level.
	Is the temperature regulator set too low?	Set the temperature regulator higher.
	No mains voltage?	Check cables, plugs, outlets and fuse.

If you can't fix the fault yourself, contact your nearest vendor. Please be aware that any improper repairs will also invalidate the warranty and additional costs may be incurred.

Wrong alarms:

Phenomenon	instruction
The temperature sensor is in short circuit state or the temperature is exceed 55 °C	The temperature indicate Er

Preparing for disposal

NOTICE! Environmental pollution! The device is filled with a particular quantity of special oil. Repairs which require the opening of the oil tank may only be carried out by the manufacturer or its customer service partner.

Follow guidelines with respect to disposal of the oil and scrapping of the device.

Disposal

Disposal of the appliance

A crossed-out wheelie bin icon means: Batteries and rechargeable batteries, electrical or electronic devices must not be disposed of with household waste. They may contain substances that are harmful to the environment and human health.

Consumers must dispose of waste electrical devices, spent portable batteries and rechargeable batteries separately from household waste at an official collection point to ensure that these items are processed correctly. Information on returning these items is available from the seller. Sellers are required to accept these items free of charge.

Batteries, rechargeable batteries and lamps that are not permanently installed in waste electrical equipment and can be removed in a non-destructive way must be removed and disposed of separately before disposal of the equipment. Lithium batteries and rechargeable battery packs of all systems are only to be handed in to the waste collection points in a discharged state. The batteries must always be protected against short circuits by taping off the poles.

All end users are responsible for deleting any personal data stored on waste devices prior to their disposal.

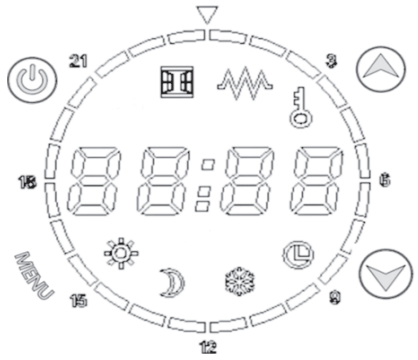
Disposal of the packaging

The packaging consists of cardboard and correspondingly marked plastics that can be recycled.

– Make these materials available for recycling.

Operation

1



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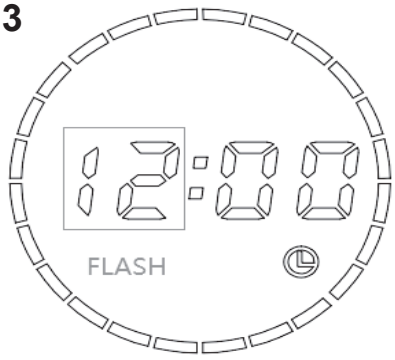

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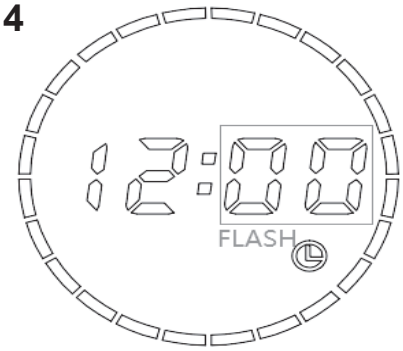

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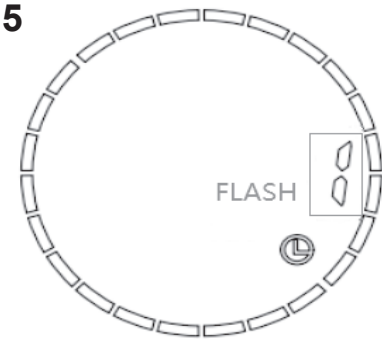

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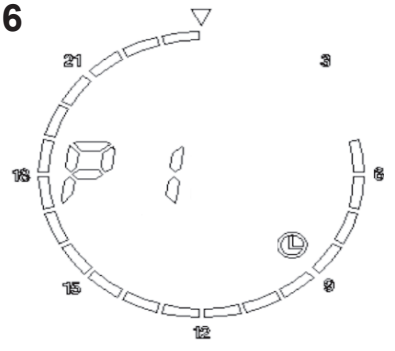

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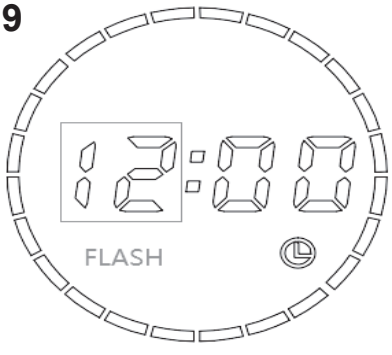

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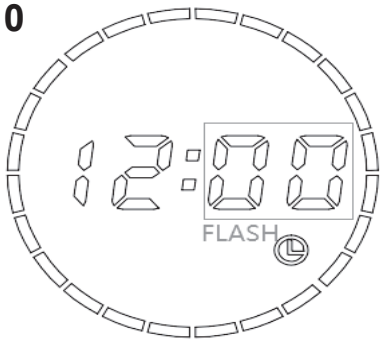

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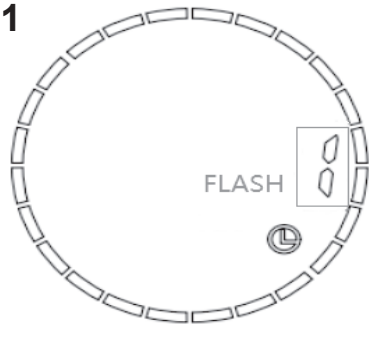

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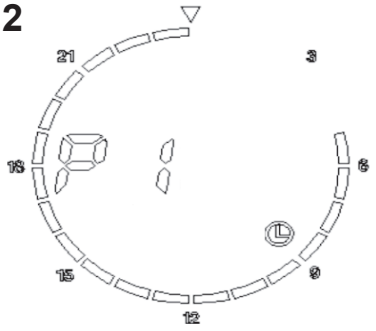

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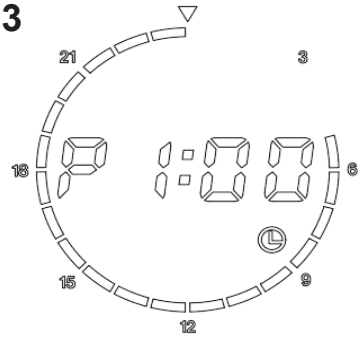

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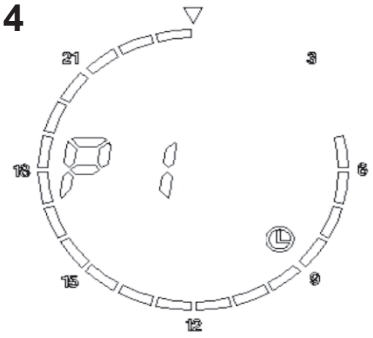

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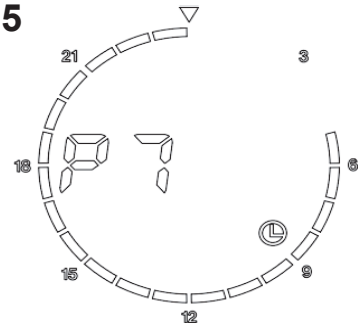

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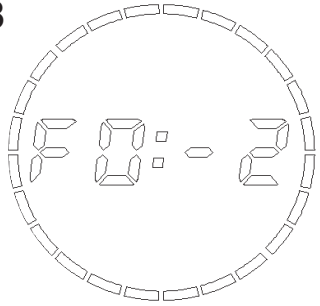

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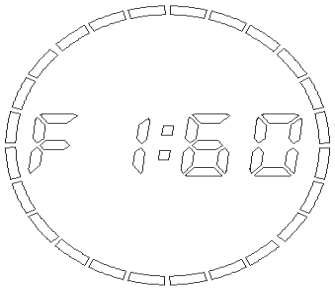

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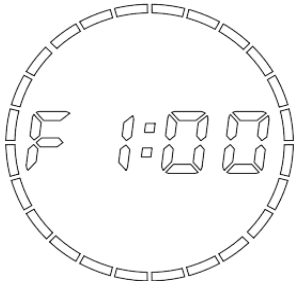
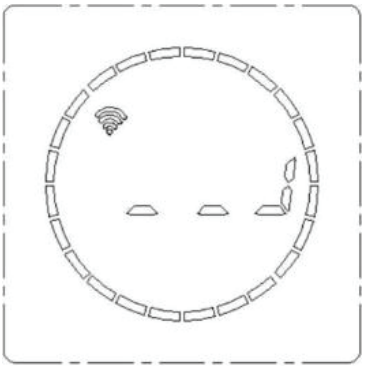


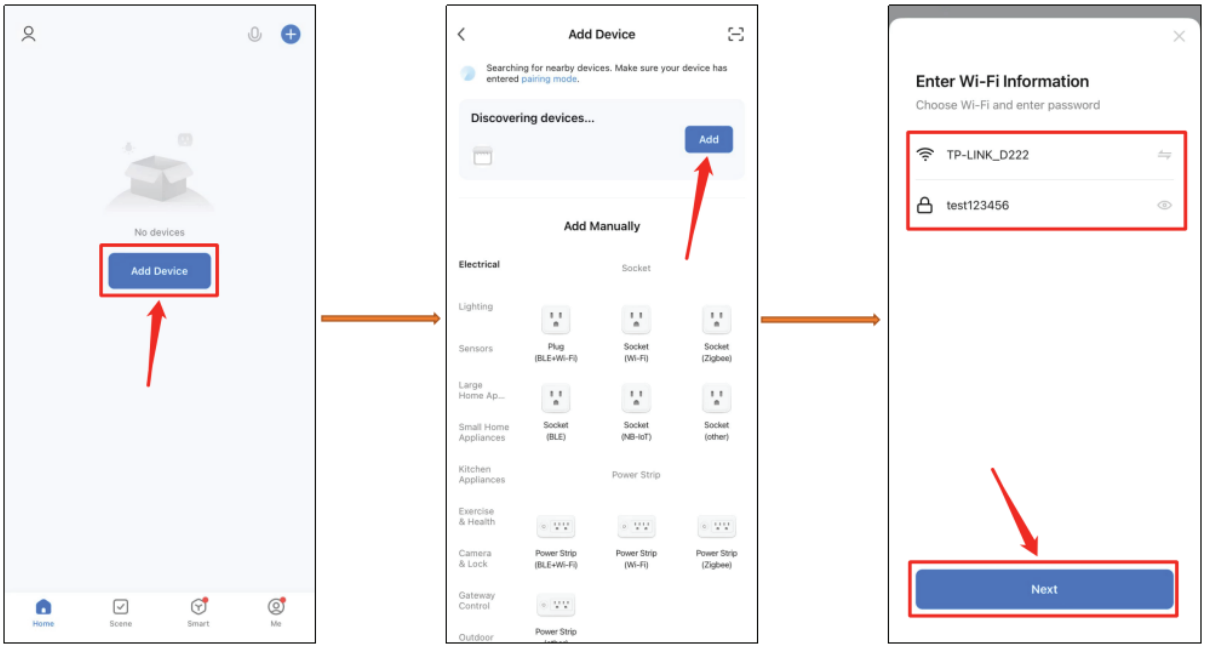
Connection to the smartphone app:

Download the "Smart life" APP on the mobile application store (Android) or App Store (IOS) or scan the QR code below to download and install, and create an account according to the prompts in the APP

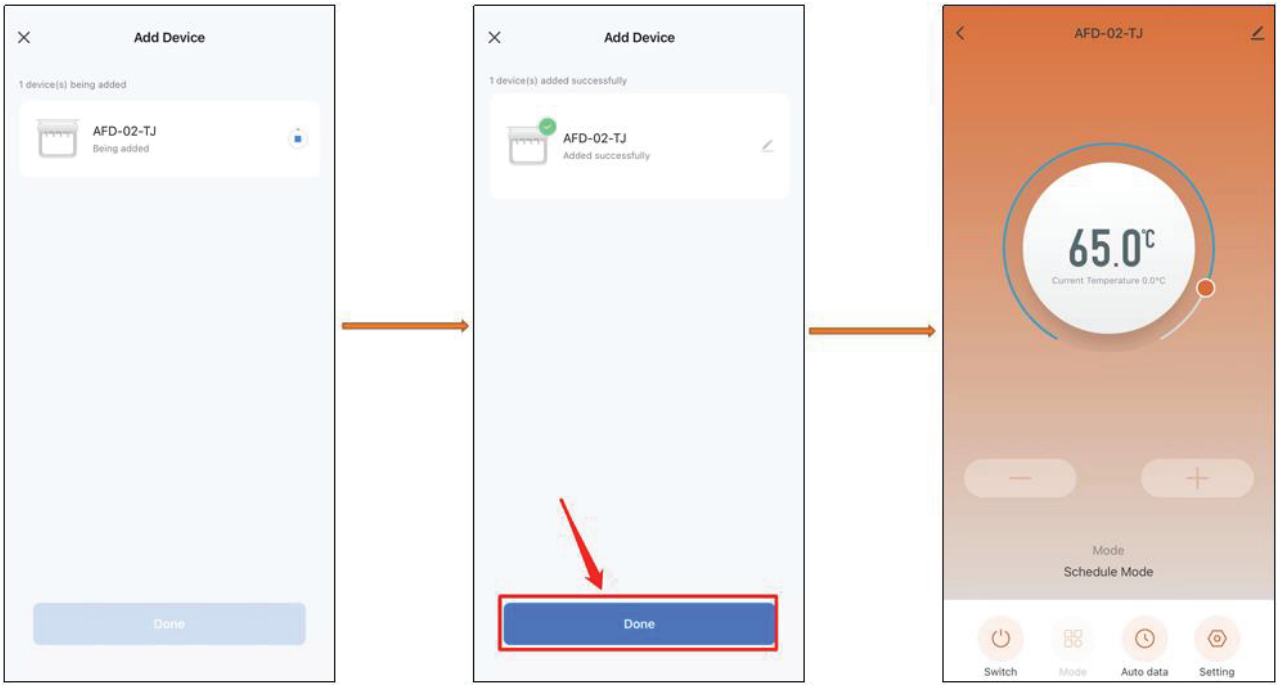
Long press when the device is powered off MENU 3s to enter the distribution network state, the device starts a 100-second countdown, as shown in the figure，At the same time, the APP will add the device according to the prompt.



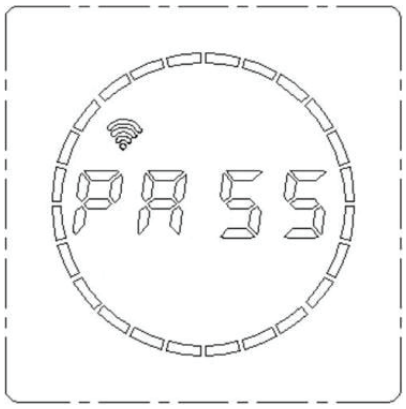
Open the APP, add a device → automatically discover the device, click Add → enter the current WiFi password connected to the mobile phone, click Next, as shown in the figure



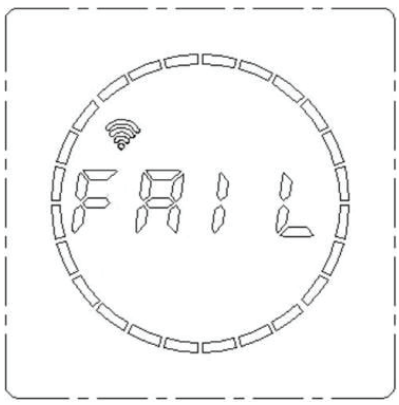
Adding→adding completed→APP control page, as shown in the figure



Successful network distribution shows PASS, as shown in the figure



Network distribution failure shows FAIL, as shown in the figure



Please try again.

Information in accordance with COMMISSION REGULATION (EU) 2024/1103

For 700 watt model:

Contact Details	ETS Dienstleistungs und Handels GmbH, Gewerbestraße 9a, A-6973, Austria
Model identfier(s): 10C33-TS, 10C34-TS	

Item	Symbol	Value	Unit
Heat Output			
Nominal heat output	P_{nom}	0,700	kW
Minimum heat output (indicative)	P_{min}	N.A.	kW
Maximium continous heat output	$P_{max,c}$	0,700	kW
Power consumption			
In off mode	P_0	0,00	W
In standby mode	P_{sm}	1,00	W
In idle mode	P_{idle}	0,29	W
In network standby	P_{nsm}	0,59	W
Standby mode with display of information or status			no
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	92,0	%

Item	Unit
Type of heat output / room temperature control (select one)	
single stage heat output and no room temperature control	no
two or more manual stages, no room temperature control	no
with mechanical 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 selection possible)	
room temperature control, with presence detection	no
room temperature control, with open window detection	yes
distance control option	yes
adaptive start control	no
working time limitation	no
black bulb sensor	no
self-learning functionality	no
control accuracy	no

For 900 watt model:

Contact Details	ETS Dienstleistungs und Handels GmbH, Gewerbestraße 9a, A-6973, Austria
Model identfier(s): 10C33-TS, 10C34-TS	

Item	Symbol	Value	Unit
Heat Output			
Nominal heat output	P_{nom}	0,900	kW
Minimum heat output (indicative)	P_{min}	N.A.	kW
Maximium continous heat output	$P_{max,c}$	0,900	kW
Power consumption			
In off mode	P_0	0,00	W
In standby mode	P_{sm}	1,00	W
In idle mode	P_{idle}	0,29	W
In network standby	P_{nsm}	0,59	W
Standby mode with display of information or status			no
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	92,0	%

Item	Unit
Type of heat output / room temperature control (select one)	
single stage heat output and no room temperature control	no
two or more manual stages, no room temperature control	no
with mechanical 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 selection possible)	
room temperature control, with presence detection	no
room temperature control, with open window detection	yes
distance control option	yes
adaptive start control	no
working time limitation	no
black bulb sensor	no
self-learning functionality	no
control accuracy	no

For 1000 watt model:

Contact Details	ETS Dienstleistungs und Handels GmbH, Gewerbestraße 9a, A-6973, Austria
Model identfier(s): 10C33-TS, 10C34-TS	

Item	Symbol	Value	Unit
Heat Output			
Nominal heat output	P_{nom}	1,000	kW
Minimum heat output (indicative)	P_{min}	N.A.	kW
Maximium continous heat output	$P_{max,c}$	1,000	kW
Power consumption			
In off mode	P_0	0,00	W
In standby mode	P_{sm}	1,00	W
In idle mode	P_{idle}	0,29	W
In network standby	P_{nsm}	0,59	W
Standby mode with display of information or status			no
Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	92,0	%

Item	Unit
Type of heat output / room temperature control (select one)	
single stage heat output and no room temperature control	no
two or more manual stages, no room temperature control	no
with mechanical 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 selection possible)	
room temperature control, with presence detection	no
room temperature control, with open window detection	yes
distance control option	yes
adaptive start control	no
working time limitation	no
black bulb sensor	no
self-learning functionality	no
control accuracy	no