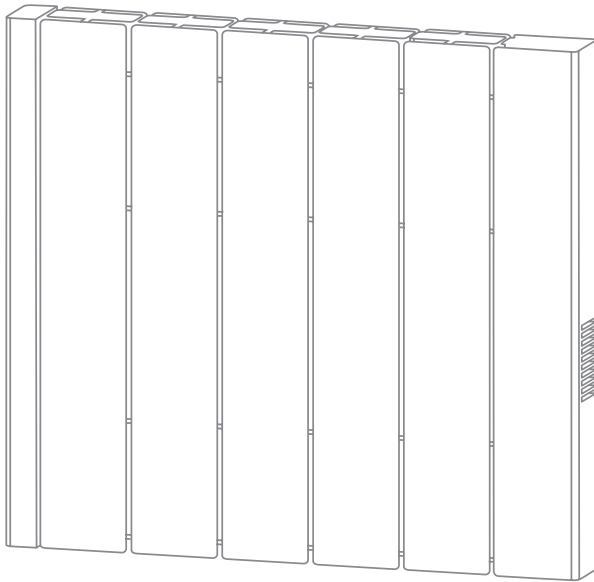




Product Instruction Manual

AVIGNON

Wi-Fi Electric Ceramic Radiator



0.5kW, 1.0kW, 1.5kW, 2.0kW

Wi-Fi Electric Ceramic Radiator

Thank you for choosing the Hyco Avignon Wi-Fi Electric Ceramic Radiator. Please read these instructions carefully to ensure safe installation and proper operation.

The Avignon is a stylish and elegant electric radiator in a classic, built to last panel style. It comes with a modern timer module and Wi-Fi control so that heating can be conveniently managed on the go via the Smart Life app.

It is best suited for long steady operation in a well-insulated room.

Key features

- Horizontal panelled shape
- Ceramic element
- High quality white or anthracite finish
- Stylish timer module with Wi-Fi control

1. Important safety points

General Safety



Children aged 8 years and above, and persons with reduced physical, sensory or mental capabilities, or with limited experience and knowledge, may use the appliance only if they have received supervision or instruction on safe operation and understand the hazards involved.



Children must not play with the appliance.



Children must not clean or perform user maintenance unless supervised.



Children under 3 years of age must be kept away from the appliance unless continuously supervised.



Children aged 3 to under 8 years may only switch the appliance on or off if it is installed in its intended operating position and they have received supervision or instruction on safe use and understand the hazards involved.



Children aged 3 to under 8 years must not plug in, regulate, clean, or perform user maintenance on the appliance.

Electrical Safety



Only a competent person, in accordance with local electrical regulations, may install or maintain this appliance.



The appliance must be permanently connected to the electrical supply through an appropriately rated isolating switch with a contact separation of at least 3mm on all poles.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to prevent a hazard.



Only connect the appliance to an electrical supply that matches the specification on the rating label.



Isolate the appliance from the electrical supply before performing any maintenance.



Some parts of the appliance may become very hot and cause burns. Extra care is required where children or vulnerable persons are present.



Do not cover the heater. Obstructing the airflow may cause overheating and fire.

Installation Safety



This appliance is not suitable for outdoor installation or for operation in very damp environments.



Do not install the appliance directly below a socket outlet.



The appliance is intended for horizontal installation only. Installing it in any other orientation may create a fire risk.



Maintain all minimum clearances specified for safe installation to prevent overheating.



Ensure the mounting surface is suitable for supporting the weight of the appliance.



Ensure the mounting surface is suitable for the heat generated by the appliance.



Before drilling, check for hidden cables, electrical wiring, or pipework.



This appliance may be heavy. Assess the weight and use appropriate lifting assistance when required.



If installed in a bathroom, the appliance must be positioned so that switches and controls cannot be touched by a person in the bath or shower.

Cleaning and Maintenance



Allow the appliance to cool completely before performing any maintenance.



Do not use abrasive or corrosive cleaning chemicals on the appliance.



Clean using only a soft, damp cloth. Avoid excessive use of liquids.

2. Installation



Before installation, please refer to the above Important Safety Points, Installation Safety.

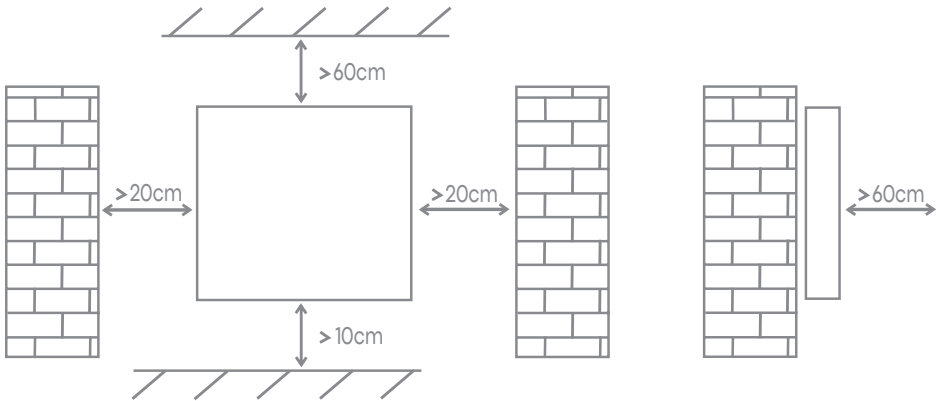


Please check that all parts are included and the product is intact.



Ensure that the required clearances from walls and surrounding objects are maintained.

Diagram 1



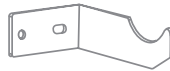
Part 1
X1



Part 2
X2



Part 3
X1



Part 4
X6

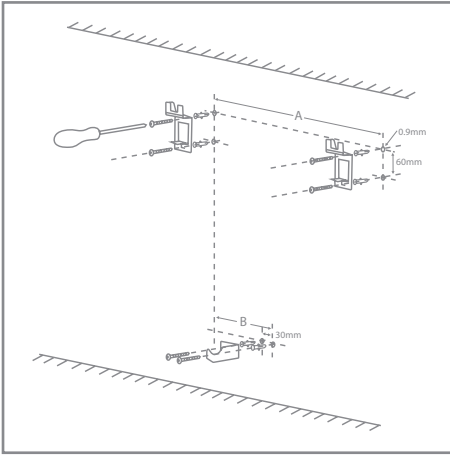


Part 5
X1

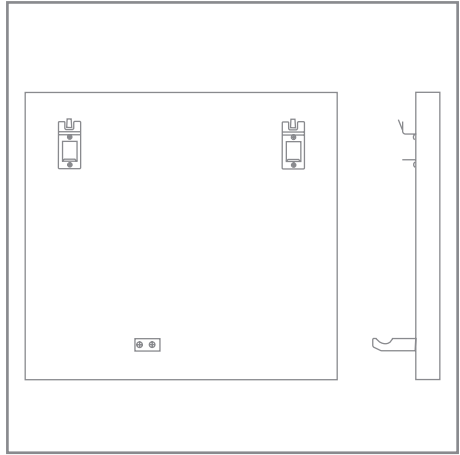


Refer to the drilling template for all drilling dimensions. Then follow the steps below to complete the installation.

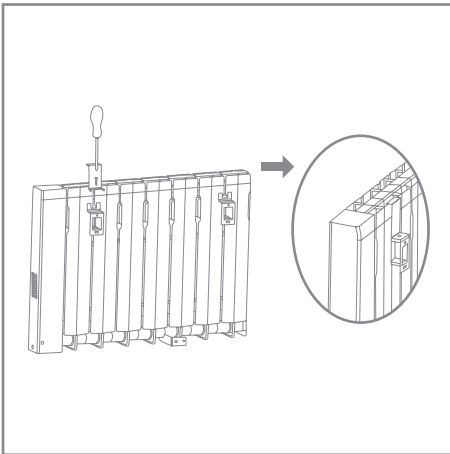
Step 1



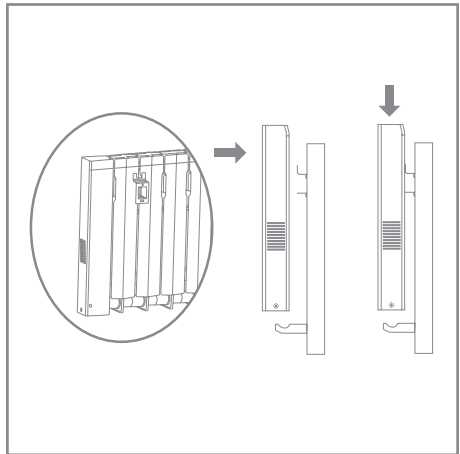
Step 2












Step 3



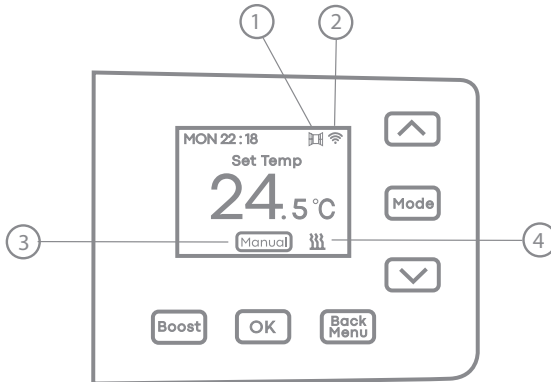
Step 4



3. Controls

Button	Name (Description)
	Up Button (Increase)
	Down Button (Decrease)
	Mode Button (Mode Select/ Standby)
	Boost Button
	Ok Button (Confirm/ Select)
	Back/ Menu Button (Return/ Open Menu)
	Comfort Mode Icon
	Eco Mode Icon
	Anti-Frost Icon

LCD Display



Number	Description
1	Open Window Function Icon
2	Wi-Fi/ Pairing Icon
3	Mode Icon
4	Heating/ Element on Icon

4. Preparing the Appliance



4.1 Switching the Appliance On

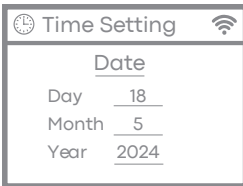
- Switch the power supply to the appliance on
- Once there is power to the appliance, the screen will illuminate, and the appliance will require you to input the date and time.

4.2 Setting the Time and Date





Below is information on how to set the time and date on the physical display. All functions can be set through the Smart Life app, making the process quicker and easier. When connected to the Smart Life app, your device will automatically sync the time and date. For more details, see Section 7 - Wi-Fi Compatibility.

During the first installation, the appliance will prompt you to set the date and time.

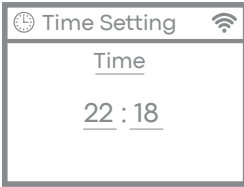
Use the  &  buttons to navigate to the setting you want to adjust. The corresponding number for the selected setting will be highlighted and will flash. Refer to the example below to see how your screen will appear.



Time Setting	
Date	
Day	<u>18</u>
Month	<u>5</u>
Year	<u>2024</u>

After selecting the setting you want to adjust, press the  button. Then use the  &  buttons to choose your desired day, month, or year. Once you're satisfied with your selection, press  again to confirm. You must confirm the year last in order to complete the date setup.

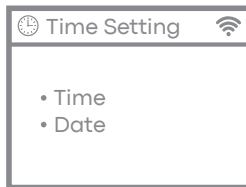
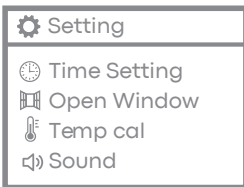
You will now be prompted to set the time. Below is how your screen will appear



Press the **OK** button when the setting you want to adjust is highlighted, then use the **▲** & **▼** buttons to select your desired hour and minute. Once you're satisfied with your selection press **OK** to confirm. You must confirm the minute last to complete the time setup.

If you need to change the time or date at any other point, you can do so through the settings menu. With the display active, press the **Back Menu** button to open the menu screen.

Use the **▲** & **▼** buttons to highlight '**Setting**'; then press **OK** . Your display will then show the screen below.



With '**Time Setting**' highlighted, press the **OK** button and choose which setting you would like to adjust.

N.B. you must finish on the year when setting the date or minute when setting the time to save your changes.

5. Operation

5.1 Selecting the Operating Mode

To take the unit out of standby, press the  button. This will put you into Manual Operation.

5.1.1 Manual Mode



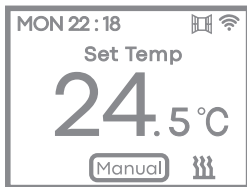
- Manual Mode is the simplest way to use your appliance. There are no timers running. The thermostat will control the heating element to reach and maintain the target temperature until the unit is manually switched off.
- Whilst 'Manual' is displayed on the screen beneath the Set Temp (as shown in Figure 1 below), use the  or  arrows to adjust the temperature. The temperature can be set anywhere between 7°C and 35°C.

Figure 1



5.1.2 Program Mode

- Before using this feature, make sure you are satisfied with your Comfort, Eco, and Anti-Frost temperature settings. By default, these are set to the following temperatures:
 - Comfort: 24 °C
 - Eco: 15 °C
 - Anti-Frost: 7 °C

If you are happy with the default temperatures, no further action is needed. However, if you would like to adjust them, follow the instructions below.

With the display active, press the  button to open the menu.








Your display will appear as shown in Figure 3 below. Use the  &  arrows to highlight the setting you want to edit. Once Comfort, Eco, or Anti-Frost is selected, press the  button. The display will then show the current default temperature. Use the  &  buttons to adjust the temperature. When you are satisfied with your selection, press the  button to save the setting.

Figure 3



- To use the Program feature, with the display active, press the  button to open the menu.




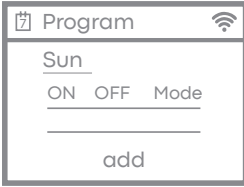
Using the  &  buttons, cycle through the menu to '**Program**' and press the  button to select. Your display will now look like figure 4 below.

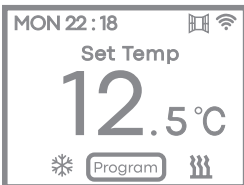
Figure 4



Below is information on how to set the programmable timer on the physical display. All functions can be set through the Smart Life app, making the process quicker and easier. Please see Section 7 - Wi-Fi Compatibility.

- Program Mode is ideal if you want to set custom on and off times, with the flexibility to program different times and modes for each day of the week.
- When the appliance is operating in Program Mode, this will be shown by '**Program**' displayed on the screen beneath the Set Temp (as illustrated in Figure 2 below). It will follow the programmed schedule for the current day.





Figure 5








5.2 Creating Custom Programmes and Modifying Schedules




- The appliance does not come with a default schedule. This means that when the unit is in Program Mode, it will automatically revert to Anti-Frost unless you create your own custom schedule.

If after 10 seconds nothing has been input, the unit will time out. Take time to read through each section before attempting this next step.

To cycle between the days of the week, press the  button when the day is highlighted; it should then begin to flash. Use the  &  buttons to scroll through the days of the week and press the  button to confirm your selection.









With the day of the week you want to create a custom schedule for (displayed at the top of the screen), use the  &  buttons to highlight 'Add', then press the  button.





Your screen will now flash, showing **00:00** under 'On', **01:00** under 'Off', and the  symbol under 'Mode'. When the values are flashing, press the  button to begin editing. The hour under 'On' will start flashing, indicating it can be adjusted. **You can only modify a value while it is flashing.**







Use the  &  buttons to adjust the hours, minutes, and mode. When you are satisfied with your selection, press the  button to move to the next adjustable value, which will then begin to flash. Repeat the steps to adjust the minutes and mode.






Please note: the temperature you previously configured will be the temperature the unit uses in **Comfort Mode** and **Eco Mode**.




Example: Setting the unit to heat from 07:00 – 09:00 and 18:00 – 20:00





1. With the day of the week you want to create a custom schedule for displayed at the top of the screen, use the  &  buttons to highlight 'Add', then press the  button.
2. Your screen will now flash, showing 00:00 under 'On', 01:00 under 'Off', and the  symbol under 'Mode'. When the values are flashing, press the  button to begin editing.
3. The hour under 'On' will start flashing, indicating it can be adjusted. You can only modify a value while it is flashing. Use the  &  buttons until your hour 'On' reads 07:00 and press the  button to confirm.








4. After pressing the  button, you will skip to the next part which is your hour **'Off'**. Use the  &  buttons to adjust the hour **'Off'** from 01:00 to 09:00. Press the  button to confirm.

5. The  symbol will now be flashing on your display; you can now use the  &  buttons to cycle between **'Comfort'** which is represented by the  symbol and **'Eco'** which is represented by the  symbol. Press the  button to confirm. This will now have saved your first **'On' - 'Off'** period.

6. With your first **'On' - 'Off'** period saved, use the  &  buttons until **'add'** is highlighted then press the  button. Your screen will now flash, showing 09:00 under **'On'**, 10:00 under **'Off'**, and the  symbol under **'Mode'**. When the values are flashing, press the  button to begin editing.



7. 09:00 under **'On'** will start flashing, indicating it can be adjusted. You can only modify a value while it is flashing. use the  &  buttons until your hour **'On'** reads 18:00 and press the  button to confirm.

8. After pressing the  button, you will skip to the next part which is your hour **'Off'**. Use the  &  buttons to adjust the hour **'Off'** from 10:00 to 20:00. Press the  button to confirm.

9. The  symbol will now be flashing on your display; you can now use the  &  buttons to cycle between **'Comfort'** which is represented by the  symbol and **'Eco'** which is represented by the  symbol. Press the  button to confirm. This will now have saved your second **'On' - 'Off'** period. You can create up to 4 **'On' - 'Off'** periods. You can now leave the unit to go idle or press the  button to go back to the menu.

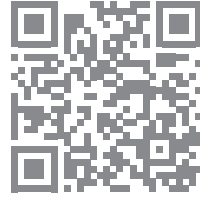
10. You will now need to repeat this process for every day of the week you would like a timed **'On' - 'Off'** period.

5.3 Child Lock

- Press the  and  buttons simultaneously for 5 seconds while the display is active (not in standby mode). The lock symbol will appear on the display, indicating that the controls are now locked.
- To unlock the controls, simply repeat the same steps.

6. Wi-Fi Compatibility


- Download the “Smart Life” App on your smartphone. Google Play Store (Android) or App Store (IOS). Alternatively, scan the below QR code to download, install and create an account by following the in-app instructions.



Wi-Fi Requirements

- Smart Life devices REQUIRE a 2.4 GHz Wi-Fi network.
- 5 GHz networks are NOT supported.
- If your router is dual-band, it is a good idea to give the 2.4 GHz and 5 GHz networks different names (SSIDs) so you can select the correct one during setup.
- Ensure your Wi-Fi uses standard security (WPA2-PSK/AES) - this is the default on most modern routers.
- Place the device within good Wi-Fi range for a stable connection
- To change or check your Wi-Fi settings, consult your router’s instruction manual.

Pairing Your Appliance

- When the display is active, press and hold the  button for 10 seconds until the unit beeps which will signify that it is in pairing mode. Pairing mode is also indicated by a flashing Wi-Fi symbol in the top right hand corner.
- If you are already signed in to the Smart Life app and connected to a 2.4GHz Wi-Fi network, then when the app is open and the appliance is in pairing mode, you should automatically be prompted to pair the device.

7. App Setup Instructions



Wi-Fi Requirements

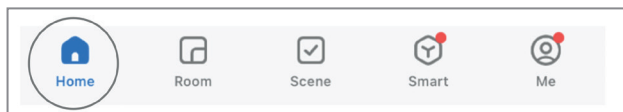
- Smart Life devices REQUIRE a 2.4 GHz Wi-Fi network.
- 5 GHz networks are NOT supported.
- If your router is dual-band, it is a good idea to give the 2.4 GHz and 5 GHz networks different names (SSIDs) so you can select the correct one during setup.
- Ensure your Wi-Fi uses standard security (WPA2-PSK/AES) - this is the default on most modern routers.
- Place the device within good Wi-Fi range for a stable connection
- To change or check your Wi-Fi settings, consult your router's instruction manual.

7.1 Connecting Your Appliance

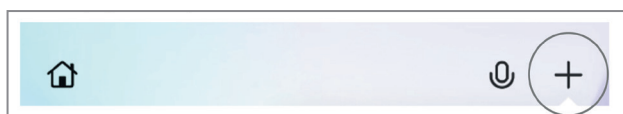
1. Open the Smart Life app.



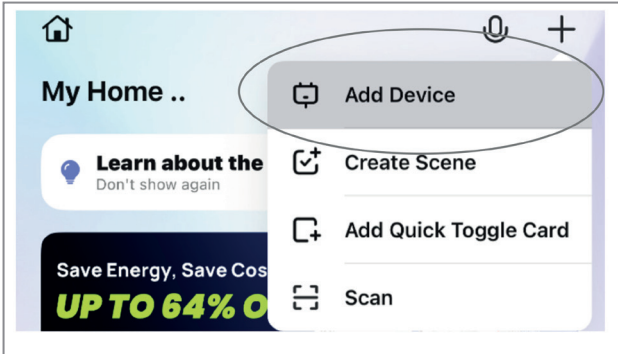
2. Go to the Home section, located at the bottom of your screen.



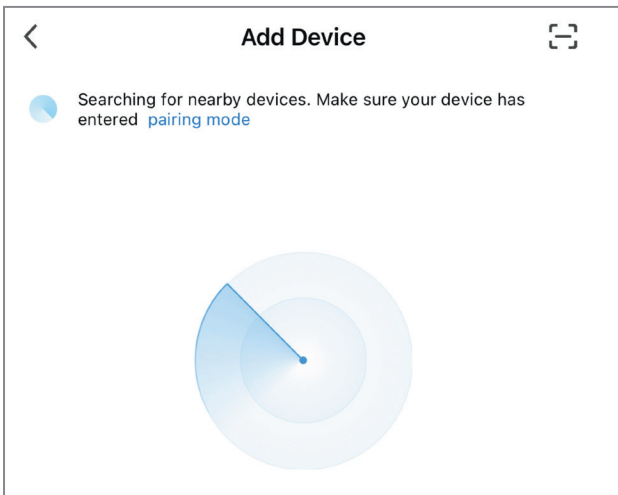
3. In the top-right corner, tap the + icon.



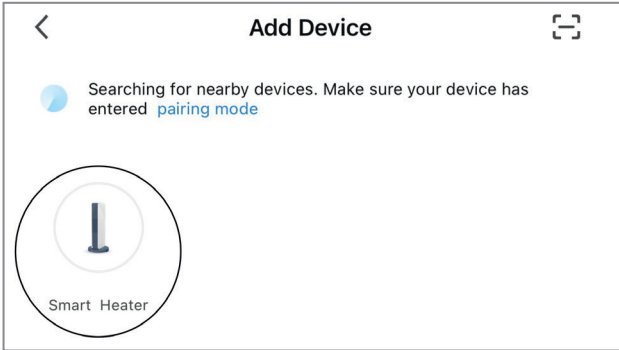
4. From the four options that appear, select Add Device.



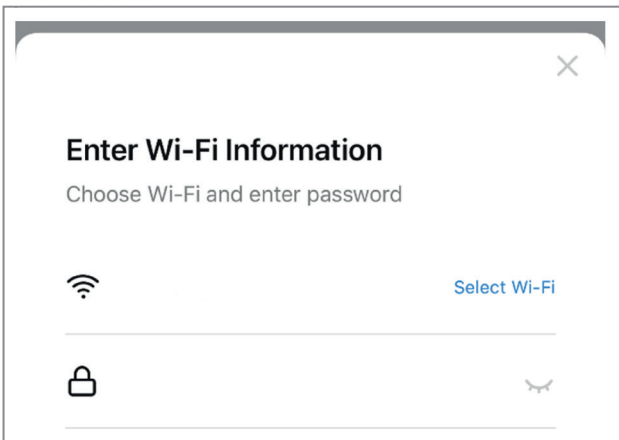
5. The app will begin searching for devices. Make sure your appliance is in pairing mode.



6. When your appliance appears, tap the controller icon, then tap 'Add' .

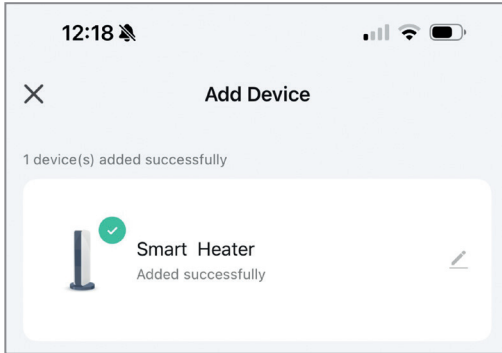


7. Enter your Wi-Fi password when prompted. Make sure to use the same Wi-Fi network your phone is connected to.



8. Tap Next to continue.

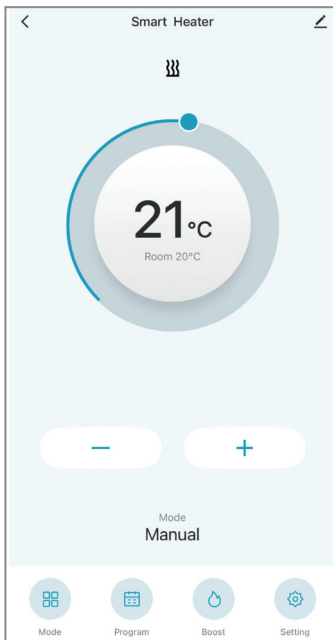
9. After pairing, check for a green tick and the **'Added Successfully'** message under the product name.



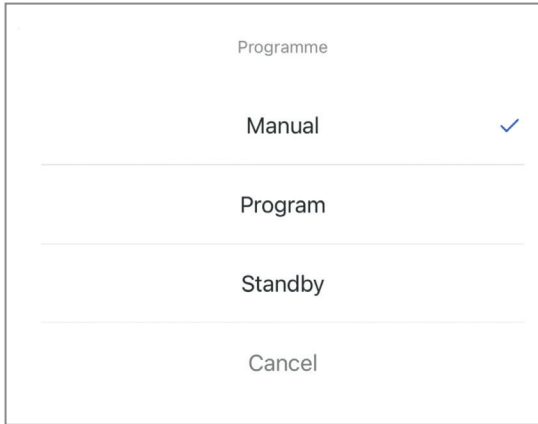
10. Tap Done to proceed.

7.2 Operating the Appliance

11. The appliance will default to Manual Mode after initial pairing. You can check which mode the unit is operating in by looking at the **'Mode'** indicator at the bottom of the screen.



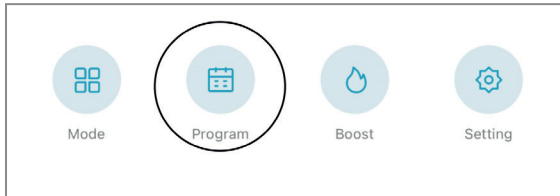
12. Press the '**Mode**' button to view the three available modes.



7.3 Program Mode

13. On the appliance control home screen, select '**Mode**', then select '**Program**'.

14. Tap the '**Program**' button.

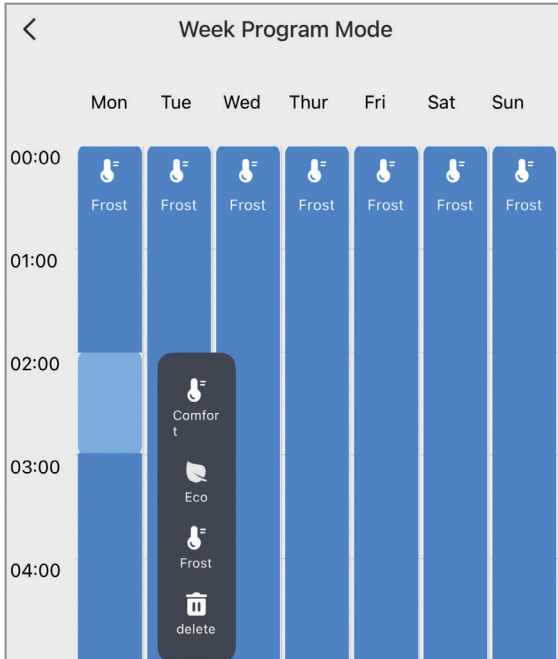


15. To edit the schedule:

a. Tap an hour segment.

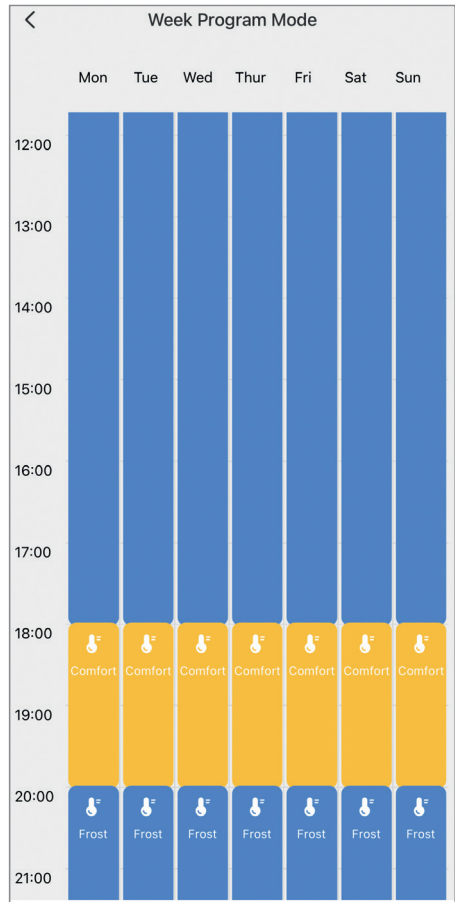
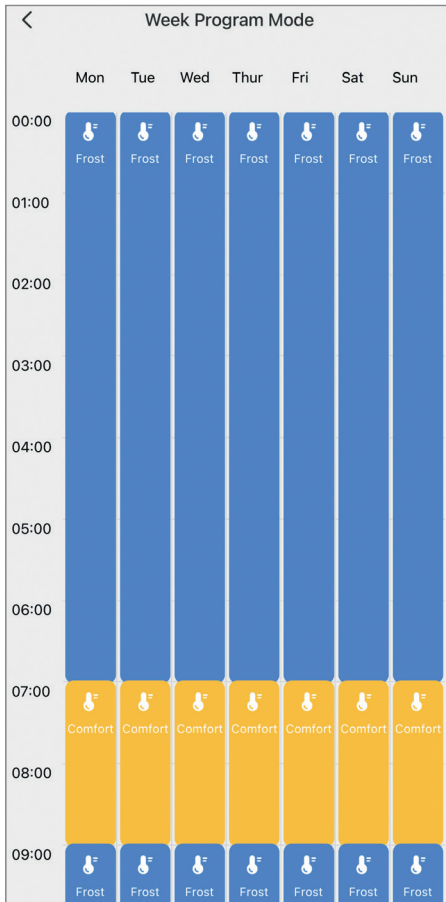
b. Blue for Anti Freeze (No Heat), Yellow for Comfort Mode (Heat) or Green for Eco Mode (Heat)

c. The segment will update.

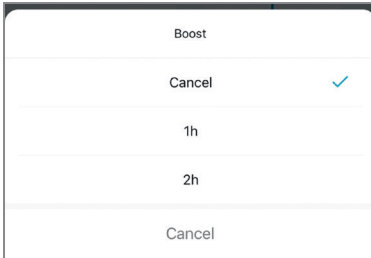


16. Example personalised schedule:

- On at 07:00 → Off at 09:00 → On at 18:00 → Off at 20:00.

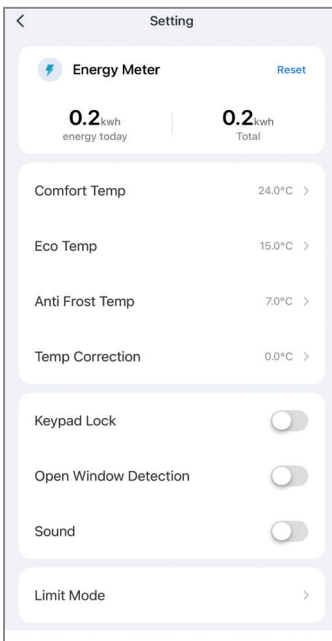


18. Boost Mode allows you to set a target temperature for the unit to reach and maintain for 1 or 2 hours.




19. Through the Settings tab in the app, you can adjust your Comfort, Eco, and Anti-Frost temperatures, as well as enable or disable various features. In Limit Mode, you can restrict the maximum temperature while still allowing occupants to use the boost function for up to 2 hours. During this boost period, the temperature temporarily rises to 24°C, providing a short burst of additional heat before automatically returning to the pre-set temperature.








All settings are protected by a four-digit password chosen by the owner or landlord. The default (old) password is 1268.



8. Password (Landlord mode)

The password/landlord mode feature is ideal for applications such as student accommodation and hotels. This mode allows you to limit the maximum temperature setting while still providing occupants with a boost function of up to 2 hours. During this boost period, the temperature increases to 24°C to deliver a short burst of additional heat before automatically returning to the pre-set temperature. All settings are secured behind a four-digit password chosen by the owner or landlord.

When the display is active, press the  button, then use the  &  buttons to navigate to '**Settings**'. Press the  button to enter. Next, use the  &  buttons to scroll to '**Password**', and press the  button again.

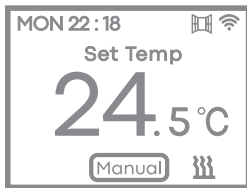
Your screen will now display '**Change Password**' with fields for '**Old**' and '**New**'. The default '**Old**' password is **1268**. To enter the password, press the  button when a digit is highlighted - this will make it flash, indicating it can be edited. You can only modify a value while it is flashing. Use the  &  buttons to select the select the number 1, then press the  button. Repeat this process using the  &  buttons to navigate to the next digit and enter each number of the old password. Once you have fully entered the old password, you can then input your **new password** using the same steps described above. Press  to confirm and your display will flash up saying '**Save Successfully**'. Press any button to return to the menu.

To activate password/landlord mode, return to the home screen (see Figure 5 below).

With the unit set to **'Program'**, **'Manual'**, or **'Standby'**, press and hold the **Boost** and **Mode** buttons together for 10 seconds. You will then be prompted to enter the password.


Once the password is set, you will need to enter it again to exit password/landlord mode or to adjust any settings, so be sure to remember the password.








Figure 5










Now in password/ landlord mode, the temperature is only adjustable between 7 degrees and whatever the Eco setting has been programmed to be. The default Eco setting is 15°C. See 6.1.2 Program Mode for information on how to change the Eco setting. The user will also have the option to temporarily boost the unit's temperature to 24°C for 1 or 2 hours by pressing the **Boost** button.

9. Sound

It is possible to turn off the sound of the beeping made when pressing the buttons. To do this, with the display active, press the  button to open the menu.

Using the  &  buttons, cycle through the menu to '**Setting**' and press the  button to select. Now, use the  &  buttons to cycle through the menu to '**Sound**' and press the  button. You can now select between '**On**' and '**Off**'. Press the  button to confirm your choice.

10. Factory Reset

It is possible to factory reset your product. To do this, with the display active, press the  button to open the menu. Using the  &  buttons, cycle through the menu to '**Setting**' and press the  button to select. Now, use the  &  buttons to cycle through the menu to '**Factory Reset**' and press the  button.

11. Specification

Model	AV500A / AV500W	AV1000A / AV1000W	AV1500A / AV1500W	AV2000A / AV2000W
Voltage	230V	AC 230V	AC 230V	AC 230V
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power	0.50 kW	1.00 kW	1.50 kW	2.00 kW
Ingress Protection	IP24	IP24	IP24	IP24
Height (mm)	568	568	568	568
Width (mm)	431	531	631	831
Depth (mm)	100	100	100	100
Weight (kg)	9.7	11.7	13.9	18.3

Model	Finish
AV500A/ AV1000A/ AV1500A/ AV2000A	Anthracite
AV500W/ AV1000W/ AV1500W/ AV2000W	White

Model identifier(s): AV500W & AV500A					
Item	Symbol	Value	Unit	Item	Unit
Heat Output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	0.5	kW	Single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	N/A	kW	Two or more manual stages, no room temperature	[no]
Maximum continuous heat output	$P_{max,c}$	0.5125	kW	With mechanical thermostat control temperature control	[no]
Power consumption				Electronic room temperature control plus day timer	[no]
In off mode	P_o	N/A	kW	Electronic room temperature control plus week timer	[yes]
In standby mode	P_{sm}	N/A	kW	Other control options (multiple selections possible)	
In idle mode	P_{idle}	N/A	kW	Room temperature control, with presence detection	[no]
In network standby	P_{nsm}	0.0015	kW	Room temperature control, with open window detection	[yes]
Standby mode with display of information or status			[yes]	Distance control option	[yes]
Seasonal space heating energy	$\eta_{s,on}$	Fixed: 94.5	%	Adaptive start control	[no]
Efficiency in active mode				Working time limitation	[no]
				Black bulb sensor	[no]
				Self-learning functionality	[no]
				Control accuracy	[no]

Model identifier(s): AV1000W & AV1000A					
Item	Symbol	Value	Unit	Item	Unit
Heat Output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	1.0	kW	Single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	N/A	kW	Two or more manual stages, no room temperature	[no]
Maximum continuous heat output	$P_{max,c}$	1.025	kW	With mechanical thermostat control temperature control	[no]
Power consumption				Electronic room temperature control plus day timer	[no]
In off mode	P_o	N/A	kW	Electronic room temperature control plus week timer	[yes]
In standby mode	P_{sm}	N/A	kW	Other control options (multiple selections possible)	
In idle mode	P_{idle}	N/A	kW	Room temperature control, with presence detection	[no]
In network standby	P_{nsm}	0.0015	kW	Room temperature control, with open window detection	[yes]
Standby mode with display of information or status			[yes]	Distance control option	[yes]
Seasonal space heating energy	$\eta_{s,on}$	Fixed: 94.5	%	Adaptive start control	[no]
Efficiency in active mode				Working time limitation	[no]
				Black bulb sensor	[no]
				Self-learning functionality	[no]
				Control accuracy	[no]

Model identifier(s): AV1500W & AV1500A

Item	Symbol	Value	Unit	Item	Unit
Heat Output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	1.5	kW	Single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	N/A	kW	Two or more manual stages, no room temperature	[no]
Maximum continuous heat output	$P_{max,c}$	1.5375	kW	With mechanical thermostat control temperature control	[no]
Power consumption				Electronic room temperature control plus day timer	[no]
In off mode	P_o	N/A	kW	Electronic room temperature control plus week timer	[yes]
In standby mode	P_{sm}	N/A	kW	Other control options (multiple selections possible)	
In idle mode	P_{idle}	N/A	kW	Room temperature control, with presence detection	[no]
In network standby	P_{nsm}	0.0015	kW	Room temperature control, with open window detection	[yes]
Standby mode with display of information or status			[yes]	Distance control option	[yes]
Seasonal space heating energy	$\eta_{s,on}$	Fixed: 94.5	%	Adaptive start control	[no]
Efficiency in active mode				Working time limitation	[no]
				Black bulb sensor	[no]
				Self-learning functionality	[no]
				Control accuracy	[no]

Model identifier(s): AV2000W & AV2000A

Item	Symbol	Value	Unit	Item	Unit
Heat Output				Type of heat output/room temperature control (select one)	
Nominal heat output	P_{nom}	2.00	kW	Single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	N/A	kW	Two or more manual stages, no room temperature	[no]
Maximum continuous heat output	$P_{max,c}$	2.05	kW	With mechanical thermostat control temperature control	[no]
Power consumption				Electronic room temperature control plus day timer	[no]
In off mode	P_o	N/A	kW	Electronic room temperature control plus week timer	[yes]
In standby mode	P_{sm}	N/A	kW	Other control options (multiple selections possible)	
In idle mode	P_{idle}	N/A	kW	Room temperature control, with presence detection	[no]
In network standby	P_{nsm}	0.0015	kW	Room temperature control, with open window detection	[yes]
Standby mode with display of information or status			[yes]	Distance control option	[yes]
Seasonal space heating energy	$\eta_{s,on}$	Fixed: 94.5	%	Adaptive start control	[no]
Efficiency in active mode				Working time limitation	[no]
				Black bulb sensor	[no]
				Self-learning functionality	[no]
				Control accuracy	[no]

12. Guarantee and service policy

This product is covered by a standard parts or replacement warranty for a period of three years from the date of purchase.

If there is a manufacturing defect within the warranty period we will send spare parts, repair and return the unit or, at our discretion, supply a replacement product.

Incorrect installation, frost damage and failure to follow correct operating/maintenance instructions are excluded. Consequential costs such as labour charges or damage to surroundings are expressly excluded.

Contact us

If you experience a problem with this product you should first contact our service department on 01924 225 200 before taking any further action.

Experience has shown that issues can often be resolved without the need to return or uninstall the product.



INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH THE UK WEEE Regulation

At the end of its working life this equipment must not be disposed of as household waste. It must be taken to a local authority waste collection centre or to a dealer providing this service. Disposing of electrical and electronic equipment separately enables its components to be recovered and recycled to obtain significant savings in energy and resources. In order to underline the duty to dispose of this equipment separately, the product is marked with a crossed out dustbin.

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