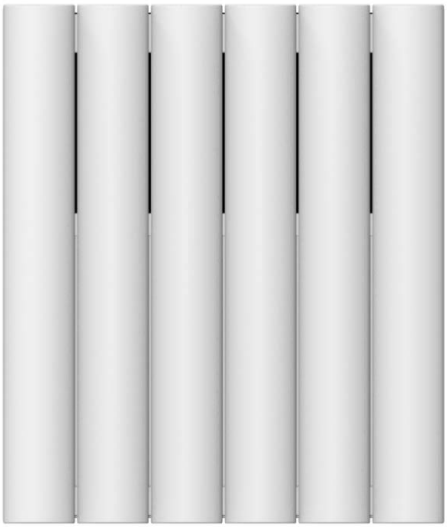
ecostrad

INSTRUCTION MANUAL

Ecostrad Revo iQ
Ceramic Electric Radiator



PLEASE READ AND SAVE THESE INSTRUCTIONS

Class II

Symbols

Warning



This symbol indicates a hazard with an average risk level which, if not avoided, could result in serious injury or death.

Warning of electrical voltage



This symbol indicates danger to the life and health of persons due to electrical voltage.

Do not cover



This symbol located on the device indicates that it is prohibited to place objects (such as towels, clothes etc.) above or directly in front of the device. To avoid overheating and fire hazards, the device must not be covered.

Hot surface



This symbol located on the device indicates that its surfaces are hot during and immediately after operation. Hot surfaces should not be touched: danger of burns.

Do not spray



This symbol located on the device indicates that it is prohibited to spray the device.

Observe instructions in manual



This symbol located on the device indicates that instructions in the operating manual must be observed when installing and using the device.

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1 | About the Manual

This manual describes the Ecostrad Revo iQ Ceramic Electric Radiator and details how to install and use the product. It is important to thoroughly review this manual before using the product. The declaration of conformity is issued under the sole responsibility of the manufacturer.

For **technical advice** or help concerning the Ecostrad Revo iQ Ceramic Electric Radiator, contact the retail establishment or distributor from which the product was purchased.

2 | Technical Information

Table 1 | Specifications

Heating Element	Ceramic core
Voltage	230V AC, 50 Hz
Wattage	500W, 1000W, 1500W, 1800W, 2000W
Set Temperature Range	7–30 °C
Set Temperature Resolution	0.5 °C
IP Rating	IP24
Appliance class	Class II
Power cable length	1.5m
WiFi frequency (2.4G band)	
Operation frequency	2412 - 2472 MHz
Max RF power transmitted	17.91 dBm

3 | Warnings & Precautions

READ ALL SAFETY WARNINGS AND ALL INSTRUCTIONS.



Read this manual carefully before using or installing the radiator. Always store the manual in the immediate vicinity of the radiator or its site of use.

Failure to follow the warnings and instructions may result in electric shock, fire, serious injury, or all of the above. Save all warnings and instructions for future reference.

Warning



This radiator 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 supervised or provided instruction concerning the use of the radiator in a safe way and understand the hazards involved. Children shall not play with the radiator. Cleaning and user maintenance shall not be made by children without supervision.

Warning



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 radiator 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 radiator in a safe way and understand the hazards involved.

Children aged from 3 years and less than 8 years shall not plug in, regulate, or clean the radiator, or perform maintenance.

Warning



In order to avoid a hazard due to inadvertent re-setting of the thermal cut-out, this radiator 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.

Warning



In order to avoid overheating, do not cover the radiator. Risk of fire.

Warning



Some parts of this product can become very hot and cause burns. Do not touch the surface when in operation. Do not install close to curtains or other combustible materials. Particular attention should be given where children and vulnerable adults are present.

Warning



Do not use the device in enclosed spaces if persons are present who cannot leave the room independently and are not under constant supervision.

WARNING

Before switching on the wall-mounted radiator, make sure that the radiator is correctly fixed and is secure to the wall.

Ensure that the minimum distances as below are respected.

- 400 mm from the top.
- 250 mm from the sides.
- 250 mm from the floor.
- 600 mm from the front.

- Keep the power cable away from all hot parts of the radiator.
- Do not use the device if you detect damage to the mains plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.
- All repairs and servicing must be carried out by a qualified person. To avoid danger any repairs must be completed by the manufacturer, a service agent of the manufacturer or a similarly qualified person.
- Make sure that the voltage indicated on the rating plate for this radiator corresponds to your power outlet.
- The device must not be located immediately below an electrical socket outlet.
- Do not use this device in the immediate surroundings of a bath, shower, swimming pool or any other water vessel. Risk of electric shock.



- Do not use the device with wet or damp hands.
- If being fitted in a bathroom, a fused spur must be used. The heater may be installed in a bathroom in zones 2 or 3, but never in zone 0 or 1. Installation in bathrooms must be completed by an electrician. Risk of electric shock.
- No part of the radiator should be submersed in any type of liquid.
- Cleaning should be carried out using a damp cloth only. No abrasive chemicals or materials should be used.
- Never insert fingers or other objects or body parts into the device. Risk of electric shock or injury.
- Do not use any accessories with this device. Use of accessories may cause damage or danger.
- Keep the device at a minimum distance of one metre from curtains and other flammable materials.
- The device must only be installed in an upright and fixed position in accordance with national installation rules.
- The device is for indoor use only.
- Do not use the radiator 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.

- Make sure the minimum safety distances from walls and objects stated in the installation instructions are observed at all times. This is very important to prevent damage to walls, furniture and soft furnishings and to prevent the product from overheating.



- Do not use the device in rooms where contact with flammable or potentially explosive materials like dust, gas or vapour cannot be avoided.
- Do not use in rooms or environments that have a corrosive atmosphere.
- Do not operate the device when wet. If the device becomes wet during cleaning, allow it to dry fully before using.
- Do not expose the device to water jets.



- Do not transport the device during operation.
- Do not sit on the device.
- Do not overload the socket used to power the device.
- Before carrying out maintenance, care or repair work on the device, ensure the device is unplugged. Do not use the cable to tug the plug from the socket. Hold the plug by its housing and pull.
- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Allow the device to cool down before touching or transporting the device, or attempting maintenance work.
- The device must be placed where the switches and controllers cannot be touched by a person in a bathtub or shower.
- It is not uncommon to hear banging or creaking noises from the radiator during the heating cycle. This is caused by the expansion of the metal components as heat is introduced. As the cold metal heats up, it expands, resulting in the expansion sounds. Such noises are an expected by-product of the radiator heating process and do not indicate any underlying issues.

4 | Installation

4-1 | Wall mounting instructions

WARNING

The fixings supplied are designed for installation onto solid walls. Alternative fixings may be required if installing onto plasterboard or other non-standard wall types. It is the responsibility of the installer to evaluate the fitting location and determine if alternative fixings are required.

1. Choose the mounting position, respecting the minimum distances from surrounding walls, ceilings or fixed objects. Minimum distances are:

- 400 mm from the top.
- 250 mm from the sides.
- 250 mm from the floor.
- 600 mm from the front.

Mounting closer than recommended can cause overheating of the device and damage to surrounding objects and surfaces.

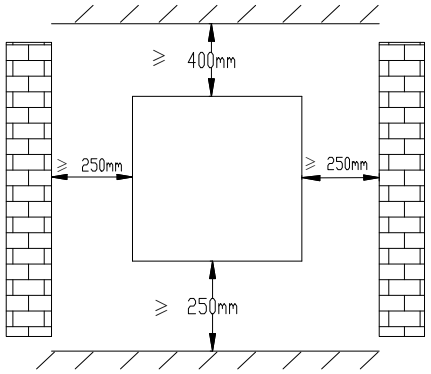


Figure 1 | Minimum distances from the radiator to other objects

2. Locate the screw on the top of the wall bracket that secures the metal security tab to the heater. Loosen the screw but do not remove fully.
3. Slide the metal security tab out of the horizontal slot at the back of the radiator. (**Figure 2**)

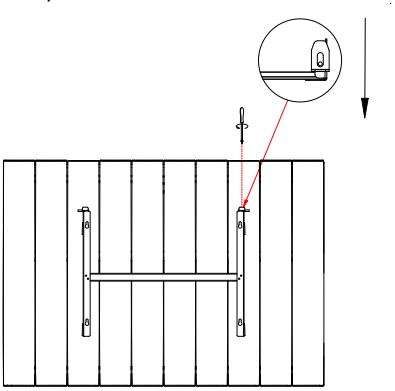


Figure 2 | Release metal security tab

4. Pull down on the H-bracket and unhook the bracket from the radiator.
5. Hold the H-bracket against the wall in the preferred mounting position. Use a spirit level to ensure that the H-bracket is level.
6. Mark the 4 drill hole locations using a pencil.
7. Drill 4 holes in the wall using a drill bit slightly smaller than the diameter of the wall plug. Insert the plugs into the holes.
8. Securely screw the wall mounting bracket to the wall. (**Figure 3**)

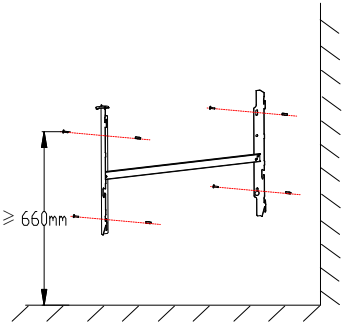


Figure 3 | Attach the bracket to the wall.

9. Lift the heater and align its vertical slits with the hooks on the wall bracket. (**Figure 4**)
10. Gently let the heater down onto the hooks. All 4 hooks should now be engaged.

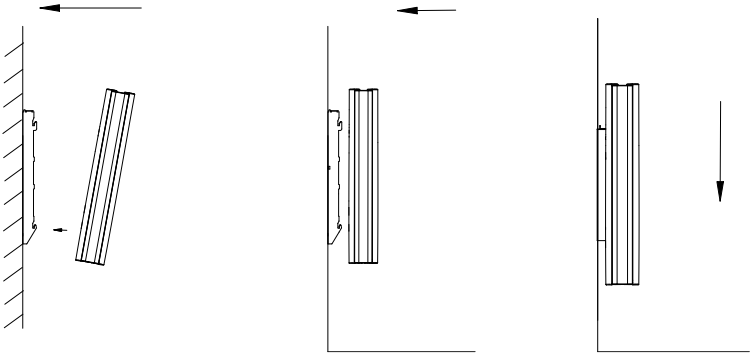


Figure 4 | Mounting the heater

11. Slide the metal security tab into the horizontal slot, then tighten the screw to lock the heater to the bracket. The heater is now installed. (**Figure 5**)

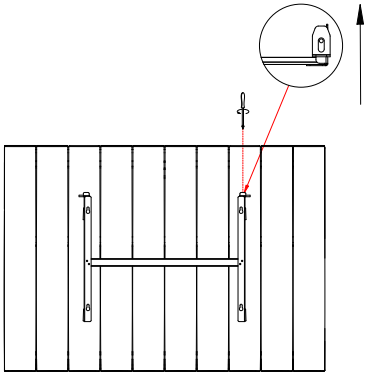


Figure 5 | Engage metal security tab

5 | User Guide

5-1 | Display

The Ecostrad Revo iQ is equipped with a colour LCD display (**Figure 6**).

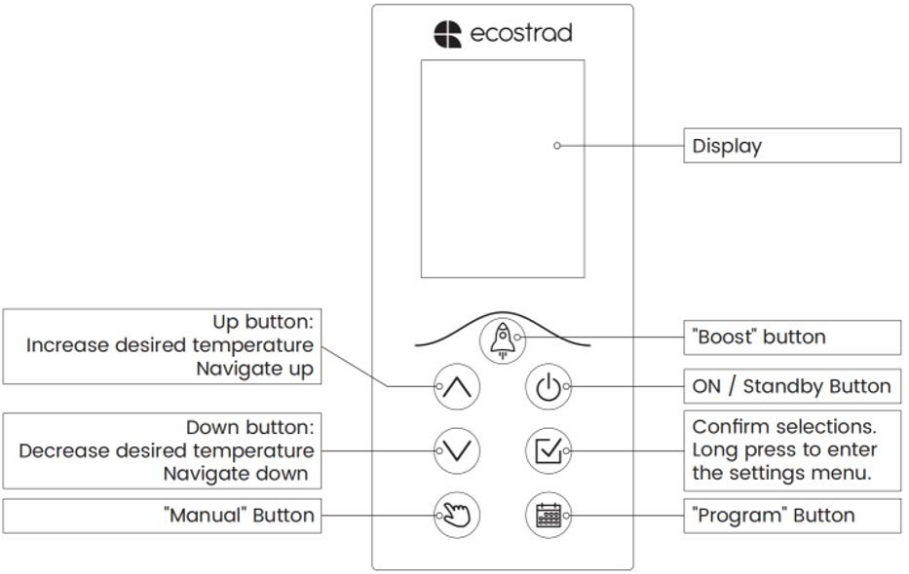


Figure 6 | Radiator display

Table 2 | Icons and their meanings

Symbol	Meaning	Symbol	Meaning
	Manual mode		Program mode
	Boost mode		Device is heating
	Comfort mode		Open Window Detection
	Eco mode		Child lock
	Frost mode		WiFi
	Standby mode		

5-2 | Initial power-on behaviour

When the radiator first turns on, the radiator will be in standby mode.

To sync the time with the local time:

To set the radiator time manually, see **section 5-5-1** on page 16)

1. Press and hold ☑ for 3 seconds to enter the settings menu.
2. Use ∧, ∨ and ☑ to select WiFi.
3. Pair the radiator to the companion app to sync the time with your phone. (**Section 6**, page 26)

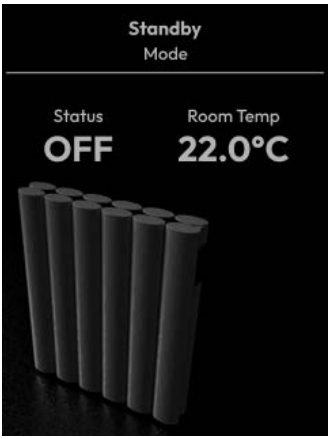
5-3 | Standby mode

Tap ⏻ to swap between Standby mode and Heating mode.

While in standby mode, the heater will not heat, but can be controlled remotely by the WiFi app.

The display will dim after 30 seconds of inactivity to save power.

Press ⏻ to exit standby mode and enter heating mode.



5-4 | Heating modes

Tap the related button to enter the desired mode: ✋, 📅 or 🚀

There are 3 heating modes available for the Ecostrad Revo iQ:

- ✋ Manual mode
- 📅 Program mode
- 🚀 Boost mode

While in any heating mode, the display will dim or turn off after a set time according to the screensaver setting.

5-4-1 | Manual mode

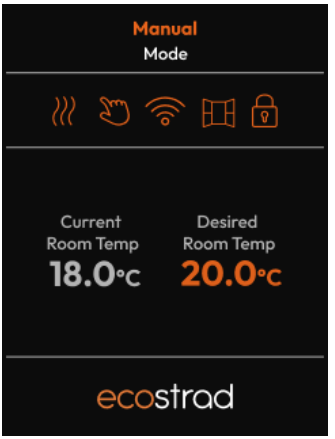
Set the temperature by tapping or holding down ∧ or ∨.

In manual mode, the radiator will heat the room to the target temperature indefinitely.

Tap to enter manual mode.

To adjust the target temperature from 7 to 30 °C in steps of 0.5 °C:

1. Tap ∧ or ∨ to adjust the temperature.



5-5 | Program mode

Presets:

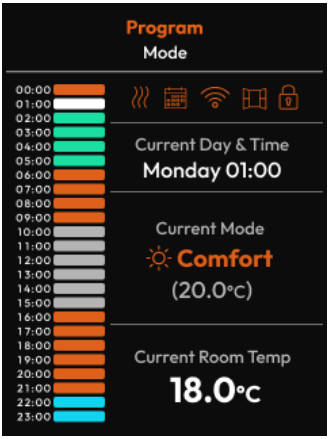
- Comfort
- Eco
- Frost
- Standby

In program mode, the radiator will heat the room according to the set program.

Tap to enter program mode.

The symbol for the current preset temperature (☼ ☾ ❄ ⬭) will display on the screen.

The Revo iQ comes loaded with a default program.



5-5-1 | Setting the time

Connecting to the WiFi app automatically syncs time with your phone.

1. Press and hold ☑ to enter the settings menu.
2. Use ∧, ∨ and ☑ to select Time
3. Use ∧, ∨ and ☑ to adjust the day, hour and minute

5-5-2 | Preset temperatures

Adjust the temperature presets in the settings menu.

The preset temperatures for comfort, eco, and frost are used in program mode.

Program mode also has the standby option, which ensures that the heater never gives off heat. This preset is not adjustable.

1. Press and hold to enter the settings menu.
2. Use , and to select Program
3. Select Mode Temperatures
4. Select Comfort
5. Use , and to select the desired preset temperature and return to the menu.
6. Repeat for Eco and Frost.

Ranges:

- 7 to 30 °C
- 7 to 30 °C
- 7 to 16 °C

5-5-3 | Setting the program

The Ecostrad Revo iQ has 24 hour programming, with a unique program for each day of the week.

To set the program:

The Ecostrad Revo iQ can be fully programmed via the WiFi application.

1. Press and hold to enter the settings menu.
2. Use , and to select Program.
3. Select Schedule.
4. Select the day you wish to program.
5. Select Edit Program.

Presets:

- Comfort
- Eco
- Frost
- Standby

6. Use ∧ and ∨ to choose your desired preset temperature.
7. Tap ☑ to lock in your selection and move to the next hourly period.
8. Repeat from step 6 to apply your presets to each hour of the day.
9. After each hour has been set, the back button will be highlighted. Tap ☑ to save and return to the menu.

Tap ⏻, 📅 or ✋ at any time to cancel your changes and enter your preferred mode.

To copy a program to a different day:

The Ecostrad Revo iQ can be fully programmed via the WiFi application.

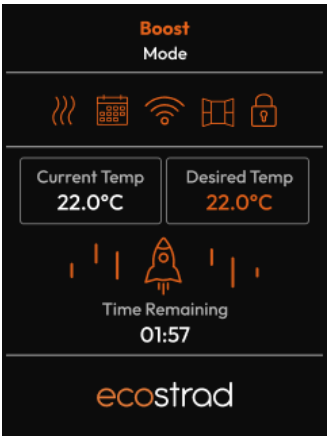
1. Press and hold ☑ to enter the settings menu.
2. Use ∧, ∨ and ☑ to select Program.
3. Select Schedule.
4. Select the day you wish to copy.
5. Select Copy Program
6. Use ∧, ∨ and ☑ to mark the day(s) you wish to copy the program to.
7. Tap ☑ on any marked day to confirm and apply the copied program to all marked days.

To reset your checked boxes or cancel your selection, use ∧, ∨ and ☑ to select the back button in the top left corner.

5-6 | Boost mode

Tap the related button to enter the desired mode: , or

Boost mode is used to provide a temporary timed increase or decrease to the target temperature without permanently changing the program or preset temperature.



Boost mode can be activated from either manual mode or program mode.

After the boost ends, the radiator will return to the heating mode from which it was activated.

To activate boost mode:

Tap to boost the target temp to 30 °C for 2 hours.

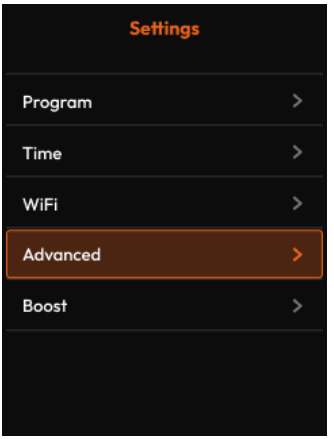
1. Tap to activate the default boost
2. Press and hold to set a custom boost
3. Use ∧, ∨ and ☑ to adjust the boost temperature
4. Use ∧, ∨ and ☑ to adjust the boost time

5-7 | Settings

The Ecostrad Revo iQ settings can all be adjusted via the WiFi application.

The settings menu allows for configuration of all the radiator's supplementary functions, including:

- Open window detection
- Low Surface Temperature
- Temperature Calibration
- Interface Options
- Variable Power
- Factory Reset



To adjust the settings:

1. Press and hold ☑ to enter the settings menu
2. Use ∧, ∨ and ☑ to select Advanced
3. Use ∧, ∨ and ☑ to select and adjust your preferred settings.

Table 3 | Ecostrad Revo iQ settings

Setting	Description
Open Window Detection	**Values** Disabled, Enabled (60 min), Enabled (90 min) **Purpose** Select the open window detection interval in minutes
Low Surface Temperature	**Values** Enabled, Disabled **Purpose** Maintain a low surface temperature on the radiator for safety

Setting	Description
Temperature Calibration	**Values** -5 °C to +5 °C in steps of 0.5 °C **Purpose** Calibrate the room temperature sensor
Interface Options Brightness Audio Screensaver	**Values** Various **Purpose** Customise the screen brightness and sound
Variable Power	**Values** Enabled, Disabled **Purpose** Dynamically adjust the power of the heater to achieve a more accurate temperature and save energy.

5-7-1 | Open window detection

Press and hold ☑ to enter the settings menu.

Open window detection can be found in advanced settings.

Open window detection is an energy-saving feature designed to cut power to the unit if a window is opened.

If the radiator detects a sudden drop in temperature, or 2 °C drop over 5 minutes, will display. The radiator will then switch to frost temperature for a set period of time to save energy.

After the set period of time, the radiator returns to the previous mode (manual or program).

The time period for open window detection can be adjusted using the settings menu.

To end the period early, tap to start a boost period.

5-7-2 | Low Surface Temperature

The LST temperature limit is 43 °C

The Low Surface Temperature setting allows you to lower the heater's temperature limit, providing peace of mind if you're using the heater in a room where children or vulnerable adults are present.

When LST is enabled, the heater's surface temperature is limited to 43 °C. This means that if the surface temperature rises to 43 °C, the heater will stop heating until it drops back below the limit.

The measured surface temperature on a specific spot may vary from the LST temperature. Overall, the temperature will be reduced.

Enabling LST will reduce the heater's maximum heat output, which may impact its effectiveness in your space. If you plan to use the temperature limit permanently, you may need to install a higher wattage unit to compensate.

5-7-3 | Temperature Calibration

If the room temperature is 18 °C, but the radiator is sensing 16 °C, a calibration value of +2 °C would correct the thermostat.

The temperature calibration setting allows users to adjust for any discrepancy between the actual room temperature and the temperature sensed by the thermostat.

The accuracy of the radiator's temperature reading can be affected if the unit is mounted such that the sensor is positioned in a hot or cold spot – such as hot water pipes or a draughty doorway.

The sensor is at the bottom right of the unit.

Use the settings menu to adjust the temperature calibration value from -5 °C to +5 °C.

5-7-4 | Interface Options

Press and hold ☑ to enter the settings menu.

Use ∧, ∨, and ☑ to navigate and select items.

The Revo iQ's display brightness and screensaver can be adjusted to suit your preferences.

The brightness can be set between 10% to 100%.

At default, the heater will beep when entering or exiting standby mode. This can be disabled if preferred.

The screensaver can be set to automatically turn off the screen after 30, 60, or 90 seconds. The screen can also be set to be always on if preferred.

If the screen is set to always on, the screen will dim to 5% after 60 seconds to save power. Press any button to wake the screen.

5-7-5 | Variable Power

Variable power can be used to heat efficiently and improve comfort.

When variable power is enabled, the radiator gradually reduces its heating output in stages to maintain a more stable and comfortable room temperature while avoiding unnecessary energy consumption.

For example, when the set temperature is 20°C, the radiator operates at:

- Below 18.5°C: 100% power level
- 18.5 to 19.0°C: 75% power level
- 19.0 to 19.5°C: 50% power level
- 19.5 to 20.0°C: 25% power level
- Above 20°C: 0% power level

5-7-6 | WiFi Pairing

Activate pairing mode to connect to wifi.

While WiFi is connected, will display.

While WiFi is not connected, will disappear.

1. Press and hold for 3 seconds to enter the settings menu.
2. Use , and to select WiFi.
3. Select Activate Pairing. A 99 second pairing countdown will start.
4. Select Add Device on your app and follow the instructions to pair the radiator to your phone.

5-7-7 | Factory Reset

Factory reset can be found in advanced settings.

Use factory reset to restore the heater's values to the factory default. All previously saved programs and settings will be erased.

Table 4 | Default settings

Setting	Default
Time	12:00
Day	Monday
Manual Temperature	21 °C
Comfort Temperature	21 °C
Eco Temperature	18 °C
Frost Temperature	7 °C
Boost Temperature	30 °C
Boost Time	2 Hours
Program (Mon-Fri)	00:00 to 05:59 - Frost 06:00 to 09:59 - Comfort 10:00 to 16:59 - Eco 17:00 to 22:59 - Comfort 23:00 to 23:59 - Frost
Program (Sat-Sun)	00:00 to 05:59 - Frost 06:00 to 22:59 - Comfort 23:00 to 23:59 - Frost
Keypad Lock	Disabled
Open Window Detection	Disabled
Low Surface Temperature	Disabled
Temperature Calibration	0
Brightness	100%
Audio	Enabled
Screensaver	Off After 60 Seconds
Variable Power	Disabled

5-8 | Child lock

The child lock can also be enabled or disabled via the WiFi app.

The child lock feature on the Ecostrad Revo iQ locks all keys except for standby. This prevents accidental and unauthorized changes, but allows the heater to be powered off for safety.

will appear when the child lock is in effect.

- To lock the display, press and hold ∧ and ∨ together for 3 seconds.
- To unlock the display, press and hold ∧ and ∨ together for 3 seconds.

5-9 | Safety note

For safety purposes, the heater will automatically go into standby mode after 300 days of continuous operation.

5-10 | Memory function

This heater stores settings, program, and operating mode during a power loss. After power is restored, the heater automatically resumes operation with the same settings as before.

- If the unit was operating in Boost mode before a power failure, the boost will be cancelled.
- The heater will return to the previous operating mode when power is restored. This will be either standby, manual, or program mode.

6 | WiFi Connection

6-1 | Which application is right for me?

Ecosystem



Ecosystem is Ecostrad's flagship application, developed for and tailored specifically to our radiators and smart heaters. It provides an intuitive sleek interface with appealing warm colours.

Smart Life



Smart Life is a smart home application created by a third party developer. Smart Life is a great way to integrate your Ecostrad radiator with your existing smart home, as it is compatible with a variety of smart devices that you may already use.

6-2 | WiFi connection — troubleshooting

If the radiator does not connect on the first attempt:

- Make sure both the radiator and your smart device are in range of your router.
- Make sure you complete the connection process in 2 minutes. If the pairing screen has timed out, begin the process again.
- Ensure your router has a strong internet connection.
- Ensure WiFi and Bluetooth are enabled on your smart device, and that your smart device is connected to the same WiFi network as that to which you are attempting to connect your radiator.
- Make sure the app has registered successfully.
- Ensure you are connected to a 2.4G WiFi band. See instructions within the app if you are currently connected to a 5G band.
- Check any local restrictions on your WiFi. WiFi networks in public places such as hotels and airports may require extra identification steps.

7 | Ecosystem App

7-1 | Downloading the Ecosystem app

Scan the QR code to download Ecosystem.

The Ecosystem app is designed to work for the Ecostrad Revo iQ Ceramic Electric Radiator.

Please install the app and follow the instructions to create an account.

NOTE — The Ecosystem app is a constantly evolving system. This guide was correct at time of printing but may differ slightly from future versions. The app is designed to work on Android or iOS but older software versions may affect app presentation and performance.

7-2 | Connecting to the Ecosystem app

1. Put the radiator in pairing mode by holding ☑ to enter the settings menu. Select WiFi and start the pairing mode.
   - This begins a 99 second countdown while the heater tries to pair to the app.
2. On the **Manage Hub** page of the Ecosystem app, press ⊕ by **My Heaters**.
3. Select the Revo iQ from the available radiators.



Figure 7 | Add new heater

4. Enter your WiFi Details.
5. Follow the instructions on the app to ensure the Ecostrad Revo iQ is in pairing mode.
6. The app will start scanning, indicated by the screen going dark. The text “Looking for a device” will display.

- Once the application discovers the radiator, it will begin connecting.
- When the radiator is successfully added, it will appear on the **Heating Hub** under **My Heaters.**
- To troubleshoot any issues with the WiFi connection, see **section 6-2**

7. Tap ⚙ to change the name of the radiator if desired.

7-3 | Using the Ecosystem app

7-3-1 | Home overview

Tip: Assign your heaters to rooms and zones to quickly change the heat in your whole house.

The Ecosystem app can be used to control multiple Ecostrad devices.

The Home page displays the weather and temperature of your area, as well as the average heater set temperature in your home.

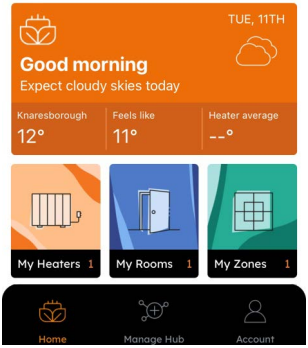


Figure 8 | Ecosystem Home

There are also quick links to your Heaters, Rooms, and Zones, respectively.

7-3-2 | Control interface

Select **Control** to enter the control interface for the currently selected heater.

Tap **Manage Hub** at the bottom of the screen to view all your heaters.

To select your desired heater, swipe to the left or right on top of the current heater selection.

Select **Control** to turn the radiator off and on, adjust set temperatures, choose mode, change the weekly program and access the device settings.

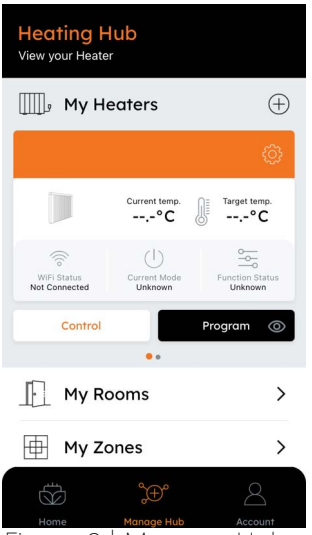


Figure 9 | Manage Hub

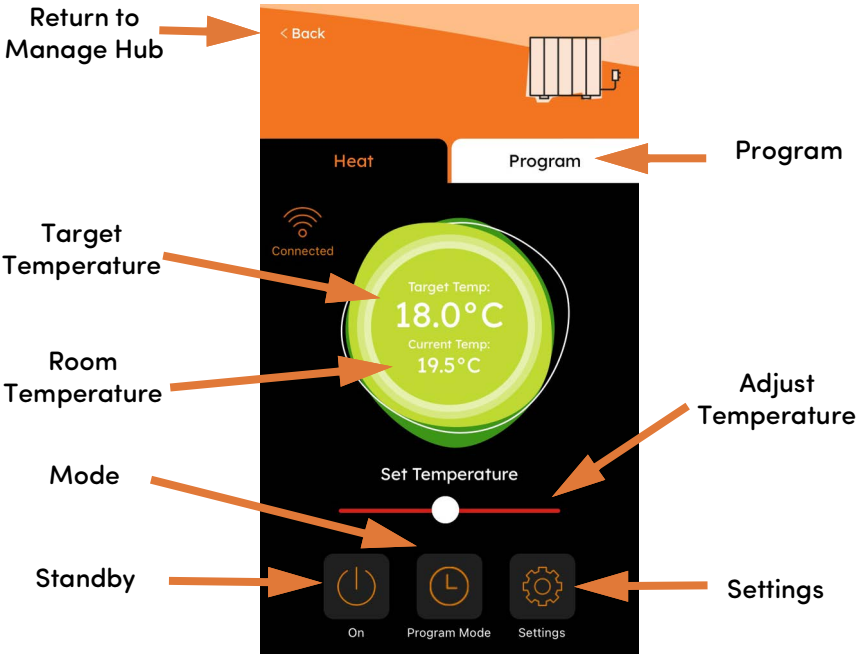


Figure 10 | Ecosystem control interface

7-3-3 | Choose mode

Tap the current mode icon on the control interface to toggle between the two available modes.

The options correspond to the modes on the control panel:

- Manual mode
- Program mode

7-3-4 | Manual mode

In manual mode, simply use the sliding dial to adjust the target temperature.

In this mode, the radiator will heat the room to a set temperature indefinitely.

7-3-5 | Program mode

In program mode, the radiator will heat the room based on a preset program.

The program may be set in the Ecosystem app via the Program button. (**Section 7-3-7**)

7-3-6 | Boost

The set duration of the boost mode can be adjusted via the settings menu. (**Section 7-3-8**)

While the boost is running, the target temperature will show alongside the current temperature, and the rocket icon will display.

After the boost is finished, the radiator will return to the mode it was previously in.

7-3-7 | Setting the program

Your current set program will only run while the radiator is in program mode.

Tap the **Program** tab on the control interface to configure a program.

A program consists of 24 hourly intervals for each day, which you can set to comfort, eco, frost, or standby temperatures.

1. Tap the day you wish to program.
2. Drag and drop the eco, comfort, and frost modes into the desired intervals.
   - Any periods left white will be set in standby mode.To save your program, select **Set & Save**.
3. To copy your program to another day, select **Copy**, then tap the days that you wish to copy the program to.
4. Once you are satisfied with your program, select **Confirm**.

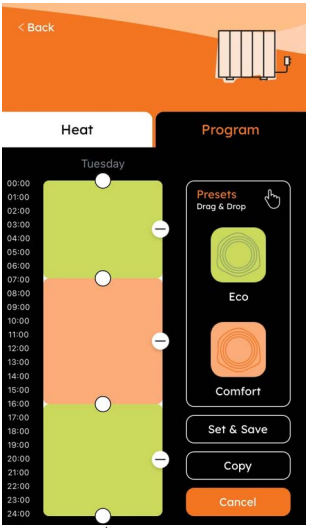


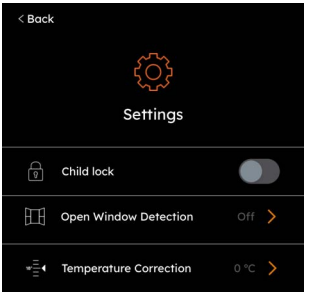
Figure 11| Program Ecosystem

7-3-8 | Device settings

Available settings in this menu include:

Tap the gear icon from the **Manage Hub** page to edit the name of your heater or remove it from your saved heaters.

Tap the gear icon from the **Control** menu to view and adjust the radiator's settings.



- **Comfort Temperature** sets the target heat for the comfort mode in the program.
- **Eco Temperature** sets the target heat for the eco mode in the program.
- **Frost Temperature** sets the target heat for the frost mode in the program.
- **Temperature Compensation** adjusts the sensor to more accurately measure the room temperature
- **Open Window Detection** when enabled pauses heating if an open window is detected.
- **Time Sync** when enabled syncs the radiator time with your phone's local time.
- **Beep** when enabled allows the radiator to beep when going in or out of standby mode.
- **Low Surface Temperature** when enabled restricts the surface temperature of the heater to be below 43 °C.
- **Variable Power** when enabled allows the radiator to dynamically adjust the wattage to improve the efficiency and comfort of the heating.
- **Screensaver** allows the user to adjust the screen timeout duration.
- **Brightness** allows the user to adjust the screen brightness from 10% to 100%.

8 | Smart Life App

8-1 | Downloading the Smart Life app

Scan the QR code to install Smart Life.

The Ecostrad Revo iQ Ceramic Electric Radiator is designed to work with the Smart Life app.

NOTE — The Smart Life app is a constantly evolving third party system. This guide was correct at time of printing but may differ slightly from future versions. The app is designed to work on Android or iOS but older software versions may affect app presentation and performance.

8-2 | Connecting to the Smart Life app

1. Put the radiator in pairing mode by holding ☑ to enter the settings menu. Select WiFi and start the pairing mode.
   - This begins a 99 second countdown while the heater tries to pair to the app.
2. On the home page of the app, press ⊕ or add device.
3. The app will begin scanning, as shown by the spinning circle at the top of the screen. (**Figure 12**, page 34)
   - If this icon and text does not show, press ⛶ in the top right-hand corner.
4. The app will demonstrate that it has found the radiator (**Figure 13**, page 35).
5. Press **Add**.
6. The app may ask you to choose your WiFi network and enter the password. Press **Next**.

7. Tap ⊕ once the app discovers your radiator.
8. The radiator will begin connecting. When it has been paired successfully, the radiator will appear on the app. (**Figure 13**, page 35)
9. Press ✎ to change the name of the radiator or **Done** to return to the home screen.
   - ❍ If the radiator does not connect on the first attempt, refer to **section 6-2** on page 26 to troubleshoot the connection.

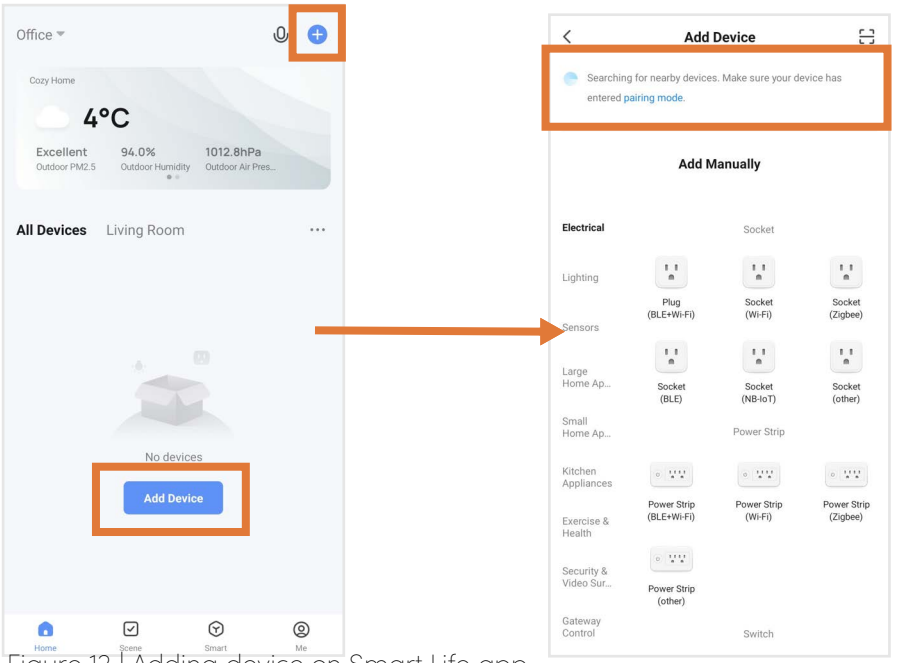


Figure 12 | Adding device on Smart Life app

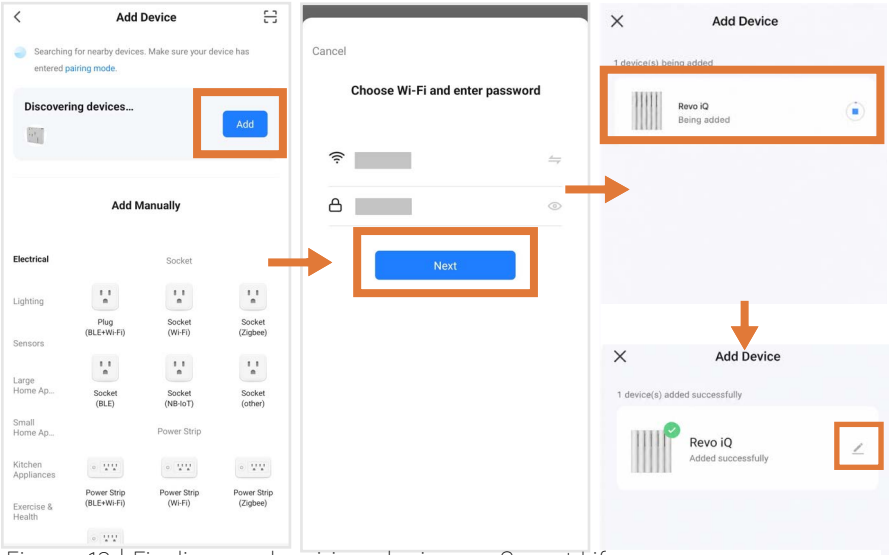


Figure 13 | Finding and pairing device on Smart Life

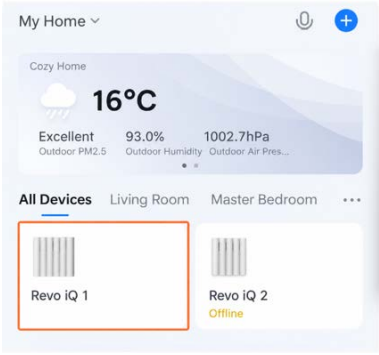
8-3 | Home overview

Smart Life's home screen displays the connection status of all paired devices.

Smart Life can be used to control multiple devices.

Online devices will respond to app commands.

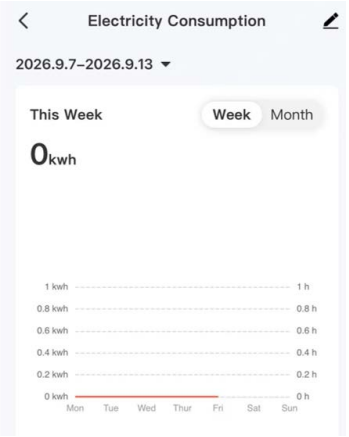
Offline devices are powered off at the wall or power switch, or the WiFi feature has been disabled through the device control panel.



8-4 | Control interface

Tap the device to go to the control interface.

Here you can turn the radiator off and on, adjust set temperatures, choose mode, adjust the weekly program, and update the device settings.



8-4-1 | Electricity consumption

The Electricity Consumption feature allows the user to monitor the amount of energy consumed by the radiator in daily and monthly periods.

Use this feature to monitor your energy usage and see how your schedules are decreasing your energy footprint over time.

This feature can be accessed via the Settings menu in the Smart Life app.

8-4-2 | Boost

Tap on the control screen to activate a timed boost.



Boost mode is used to provide a temporary timed increase or decrease to the target temperature without permanently changing the program or preset temperature.

After the boost ends, the radiator will return to the heating mode from which it was activated.

8-4-3 | Child Lock

Tap to enable or disable the child lock.

The Child Lock locks the touchscreen buttons on the physical radiator's control panel, preventing accidental changes.

To enable or disable the child lock, simply tap in the upper left corner of the control panel.

8-5 | Voice integration

Smart Life is compatible with Amazon Alexa and Google Home.

To connect Alexa with Smart Life, download the Smart Life skill onto your Alexa app.

To connect Google Home with Smart Life, go to **Set up a device** in the Google Home app. Tap **Works with Google** and select Smart Life.

- Your voice control app may discover your heaters automatically, or you may need to prompt it to do so.
- Quick guides for both Google Home and Alexa are available in the FAQ section of the Smart Life app.
- Some commands will differ slightly depending on which voice command system you use. See **Table 5** for a full list.

Give the radiator a name that's easy for you to say and for your voice interface to understand.
You can change the radiator's name in the Smart Life app.

Table 5 | Voice commands

	Command	Action
⏻	Alexa • Switch on **<device name>** • Switch on **<device name>** in **<2>** minutes • Switch on **<device name>** in **<2>** minutes • Switch on **<device name>** at **<12 PM>** Google Home • Turn on **<device name>** • Switch on **<device name>**	Switches the radiator On. Switches the radiator On after a specific time. Switches the radiator On at a specific time.
⏻	Alexa • Turn off **<device name>** Google Home • Turn off **<device name>** • Switch off **<device name>**	Switches the radiator Off.

9 | Warranty

The Ecostrad Revo iQ Ceramic Electric Radiator carries a 10-year guarantee on the body and a 2-year guarantee on electrical components.

What does the warranty cover?

Within the stated period, starting from the date the customer receives their unit, Ecostrad guarantee to repair or replace the unit where a fault is due to defects in materials or manufacturing.

What does the warranty NOT cover?

The warranty does not cover any defect arising from damage, negligence, usage outside the product's intended purpose or fair wear and tear. The warranty is only valid when the unit has been used at the specified supply voltage, and in accordance with all conditions specified in this manual. The warranty will be void if the heater has been covered, tampered with or opened in any way, or if the ratings label has been removed.

The warranty does not cover failures and faults due to force majeure, accidental damage, mishandling, external impact, chemical agents or atmospheric phenomena, incorrect use of the device, the purchaser's faulty electrical installations, transporting the device or problems caused by the device being handled by persons not authorised by Ecostrad. If the unit has been hardwired, an invoice may be required to confirm the work was carried out by a qualified professional. Ecostrad cannot accept responsibility for damage, loss or injury caused by incorrect installation, maintenance, cleaning or covering the device.

How to Claim

The warranty is a contract with the original purchaser and does not transfer if the unit is re-sold, gifted or inherited. Proof of purchase, including order number and order confirmation or invoice, will be required if a claim is made.

The warranty covers only the model of heater shown on the purchase invoice. The warranty covers the repair or replacement of the defective product only and Ecostrad shall have no liability for installation costs or consequential losses however incurred. The unit is sold as a DIY product; whilst hardwiring is permitted within the terms of the warranty – provided evidence can be produced that the work was performed by a qualified installer – no compensations will be offered for the installer's costs in the event of a claim.

Claims must be made with the establishment where the device was purchased. This warranty does not affect the customer's consumer rights.

10 | ErP Ecodesign Information

Model	500W	1000W	1500W	1800W	2000W
Heat output					
Nominal heat output (P_{nom} /kW)	0.4	0.8	1.2	1.4	1.6
Minimum heat output (indicative) (P_{min} /kW)	N/A	N/A	N/A	N/A	N/A
Maximum continuous heat output ($P_{max.c}$ /kW)	0.4	0.8	1.2	1.4	1.6
Power Consumption					
In off mode (P_o /W)	0	0	0	0	0
In standby mode (P_{sm} /W)	0.878	0.878	0.878	0.878	0.878
In idle mode (P_{idle} /W)	0.890	0.890	0.890	0.890	0.890
In network standby (P_{nsm} /W)	0.923	0.923	0.923	0.923	0.923
Standby mode with display of information or status	Yes	Yes	Yes	Yes	Yes
Seasonal space heating energy efficiency in active mode (ηS,on)	94%	94%	94%	94%	94%

ErP Ecodesign Information

Item	Value
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 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	[no]
Room temperature control, with open window detection	[yes]
Distance control option	[yes]
Adaptive start control	[no]
Working time limitation	[yes]
Black bulb sensor	[no]
Self-learning functionality	[no]
Control accuracy	[no]

11 | Troubleshooting

Problem	Solution
The heater is not heating	• Confirm that the heater is correctly connected to the mains power grid. • Confirm that the plug socket is powered. • Use Boost at 30 °C. • If the issue is still not resolved, the safety cutout may have been triggered. Check that the heater is not covered in any way. • Disconnect the heater from power for a few minutes to reset the control panel.
The heater is always heating	• Set the temperature to 7 °C in manual mode. • Ensure that the heater is not covered in any way. • Adjust temperature compensation. • Ensure that Boost is not active.
Open window detection is enabled, but is not being triggered	• The heater requires a drop of 2 °C within 5 minutes to active a nonheating period. • Wait a few minutes for the heater to register the drop in temperature. • Ensure that the outdoor temperature is much lower than the indoor temperature. • Check that the room temperature sensor at the base of the heater is unobstructed.
The room temperature displays 7 °C but the heater is not heating.	• Confirm that Open Window Detection has not been triggered. • Adjust temperature compensation. • If not resolved, there may be an issue with the room temperature sensor. Contact the retail establishment or distributor from which the product was purchased.

- Before cleaning the appliance, switch off the appliance from the power supply and wait until it is completely cold.
- Use a damp cloth to clean the casing of the device.
- Clean grill and air outlet regularly. Never immerse the appliance in water or allow water to enter the appliance.

For **technical advice** or help concerning the Ecostrad Revo iQ Ceramic Electric Radiator, please contact the retail establishment or distributor from which the product was purchased.

12 | Disposal



In accordance with WEEE Directive 2012/19/EU, the icon with the crossed-out waste bin on electrical or electronic equipment stipulates that this equipment must not be disposed of with household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your local authority.

The separate collection of waste electrical and electronic equipment enables the re-use, recycling and other forms of recovery of waste equipment, and prevents any negative effects for the environment or human health caused by the disposal of hazardous substances potentially contained in the equipment.

For queries, contact:

The UK manufacturer

Ecostrad Ltd.
Unit 21 Ash Way
Avenue C
Thorp Arch Trading Estate
WETHERBY
West Yorkshire
LS23 7FR

The ROI importer

Unit 44
Robinhood Industrial Estate
Robinhood Road
Robinhood
Dublin 22
D22 W5T1
IRELAND

https://ecostrad.com/