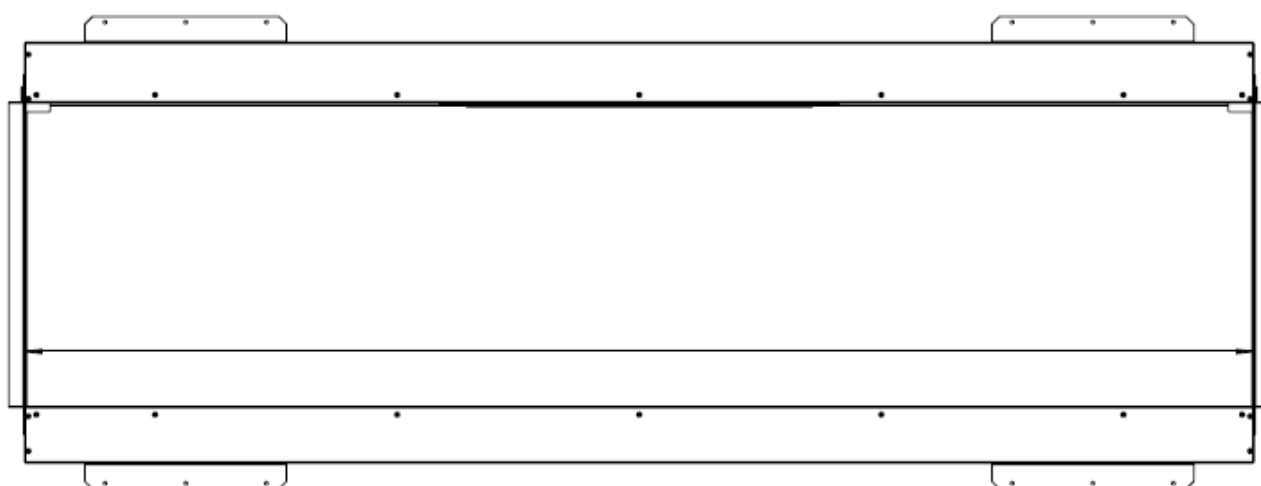


Three-Sided Electric Fireplace

Model No: E172R-E173R

INSTALLATION AND OPERATION INSTRUCTIONS



Please read the instructions carefully before installation or
use and keep for future reference

Safety Notice

Check that the power plug fits tight into the wall outlet. Loose fittings can cause the plug to overheat and potentially cause a fire.

Please check frequently during use to make sure the plug or socket is not excessively hot. If so, discontinue use and have the outlet replaced by a qualified electrician.

This plug must be kept accessible after installation.

Ensure cleaning and maintenance advice is followed.

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1. IMPORTANT SAFETY INFORMATION

- 1.1 **Read all of the instructions carefully before using this appliance.**
- 1.2 **For indoor use only.** This appliance is not suitable for use outside the house and **only suitable for well insulated spaces or occasional use.**
- 1.3 **Do not use** this appliance in the immediate surroundings of a bath, a shower or a swimming pool.
- 1.4 **Do not use** this fire as a free-standing appliance. It must always be fixed to the wall, fireplace mantel, floor, etc.
- 1.5 This appliance **must not be** located immediately below and in front of a socket outlet.
- 1.6 This appliance **must** be earthed.
- 1.7 This appliance **must not be** supplied through an external switching device, such as a timer, or connected to the circuit that is regularly switched on and off by utility to avoid a hazard due to the inadvertent resetting of the thermal cut out.
- 1.8 **Keep the power plug accessible after installation.**
- 1.9 If the power cord is damaged, it must be repaired by the manufacturer, its authorised service centre or professional person.
- 1.10 **DO NOT COVER.** Warning: to avoid overheating, do not allow the appliance to be covered or let the air inlet/outlet become obstructed.
- 1.11 To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of **1 metre** from the air outlet.
- 1.12 Keep the power cord away from hot surfaces and hot conditions. **Do not** route the power lead in front of the appliance.
- 1.13 **Do not** use this fire in rooms that have explosive fumes in them (for example petrol), or if you are using solvents, glue, aerosol spray or in flammable paints, as these may catch fire.
- 1.14 This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. 2
- 1.15 Children and vulnerable people must be supervised at all times when using this appliance, as some parts can become very hot and cause burns.
- 1.16 **Do not use** this appliance in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

- 1.17 Children aged between 3 and 8 years old should only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and instructions and supervision concerning the safe usage of the appliance are given.
- 1.18 Cleaning and user maintenance shall not be made by children without supervision.
- 1.19 This appliance shall **not** be played with by children.
- 1.20 Children of less than 3 years should be kept away unless continuously supervised.
- 1.21 **DO NOT** use if there are visible signs of damage to the appliance.
- 1.22 **DO NOT** use this heater if it has been dropped.
- 1.23 **CAUTION** — some parts of this product can become very hot and cause burns. Particular attention must be given where children and vulnerable people are present.

 Important Safety Notice

Do Not Use an Extension Cable

For your safety and to ensure proper operation of this device, **do not connect it to a power source using an extension cable.**

Always plug the device directly into a properly earthed wall outlet.

Information below for authorized person or service centre only:

A non-rewireable plug fitted with a 13A fuse is supplied. Should the fuse or plug need replacing, and you are competent to do so, it must be replaced with a 13A fuse or plug being 13A BS1363A approved.

2. TECHNICAL SPECIFICATIONS

Model No.: E150R-E153R

Supply Voltage: AC230-240V 50Hz.

Maximum power consumption: 1.5kW

Power for Flame Effect:

E172R	E173R		
18.8W	21W		

Power for Fuel Bed:

E172R	E173R		
-------	-------	--	--

7.6W	8.8W		
------	------	--	--

Information requirement for electric local space heaters			
Power consumption	In idle mode	Pidle	0.82W
	In network standby	Pnsm	0.85W
	In off mode	PO	0W
	In standby mode	Psm	0.82W
	Standby mode with display of information or status		N/A
	Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	N/A
Heat output	Nominal heat output	Pnom	1.5KW
	Minimum heat output	Pmin	0.75KW
	Maximum continuous heat output	Pmax,c	1.5KW

Type of heat output/room temperature control	
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	YES
Electronic room temperature control plus day timer	NO
Electronic room temperature control plus week timer	YES
Other control options	
Room temperature control, with presence detection	NO
Room temperature control, with open window detection	NO
With distance control option	YES
With working time limitation	YES
With black bulb sensor	NO
Adaptive start control	NO
Self-learning functionality	NO
Control accuracy	YES

Control PCB	Remote Control Receiver	Remote Control Transmitter
Hardware: BL-RGBZ001	Hardware: BL-RGBZ001	Frequency: 2.4ghZ Maximum transmit power:12mW Hardware: SDSY-REMOTER-2.4G-003 Software: SDSY-REMOTER-2.4G-GD-V01

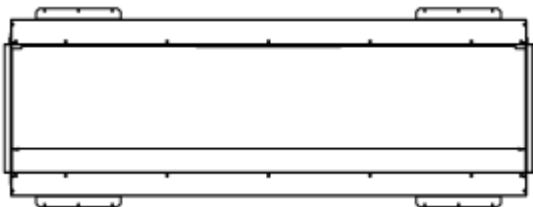
3. PARTS AND HARDWARE

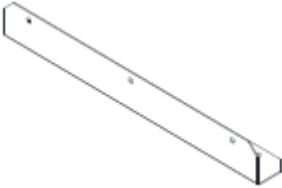
3.1 Unpacking the fire carefully, make sure that the appliance is intact with no signs of damage caused by transport and no part has been exposed to water. If in doubt, do not use the appliance and contact the seller.

3.2 Keep plastic wrapping away from children.

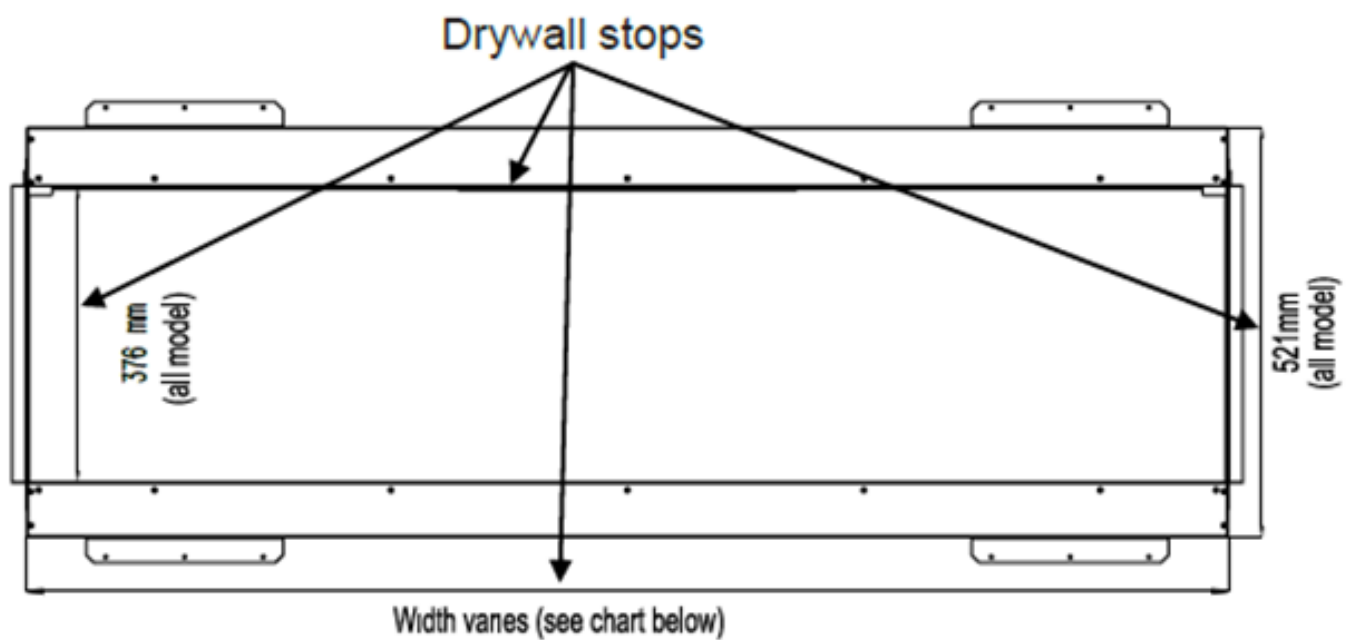
3.3 Save the original packaging as this may be required in the event of service complaint with product.

3.4 Check that all parts are removed from the packing.

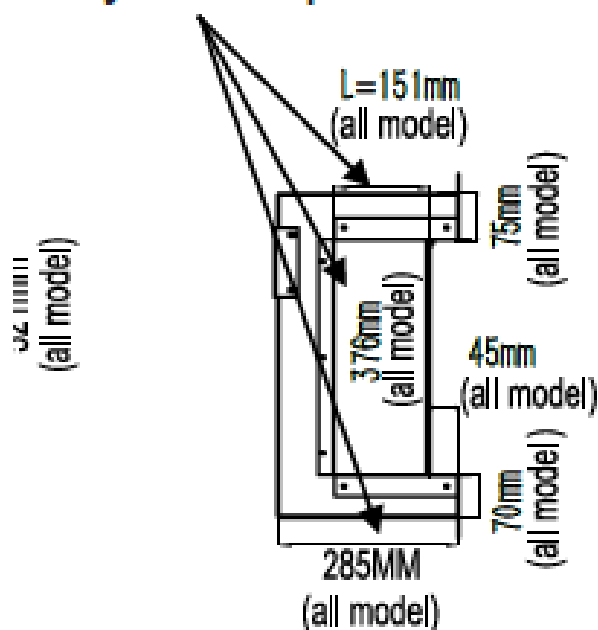
	
Firebox	Remote
	
Resin Logs with built-in LED	Glass stones (Black & White)
	
Screws	Side covers X2 (attached)

	
Metal Bracket	Suction cups
	
Main front glass panel (attached)	Side glass panel x2 (attached)

4. APPLIANCE DIMENSIONS



Drywall stops



Model No:	E172R	E173R	E174R
Fireplace height overall	521mm	521mm	521mm
Fireplace height recess	521mm	521mm	521mm
Fireplace width overall	1550mm	1826mm	2058mm
Fireplace width recess	1524mm	1800mm	2032mm
Fireplace depth overall	296mm	296mm	296mm
Fireplace depth recess	285mm	285mm	285mm

5. INSTALLATION INSTRUCTIONS

Before installing the fireplace, test the fireplace to make sure that it operates properly. Due to the motor the fire will have a slight noise when in operation

- The remote will need syncing to the fire unit. This can be done in either of two ways.

1: when plugging the fire in for the first time you need to use the remote rather than the buttons on the unit. When first plugged in you should see an orange light come on and whilst this is on you tap the red power button at the top of the remote several times and this will sync the remote. If the fire is already plugged in – you can unplug the fire, leave the fire off for 20 seconds and try the above again.

OR

2: When the fire is plugged in turn on the fire using the red button on the fire. Then whilst the fire is on hold down the red button on the unit for 3-4 seconds and this should bring the orange light on and then tap the red power button at the top of the remote several times to sync.

Tools Required

A screwdriver will be needed.

Locating the Appliance

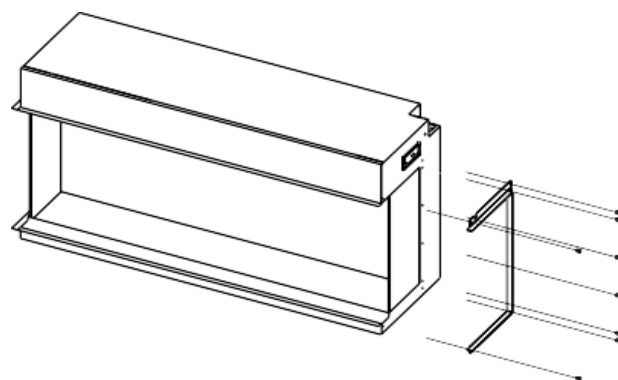
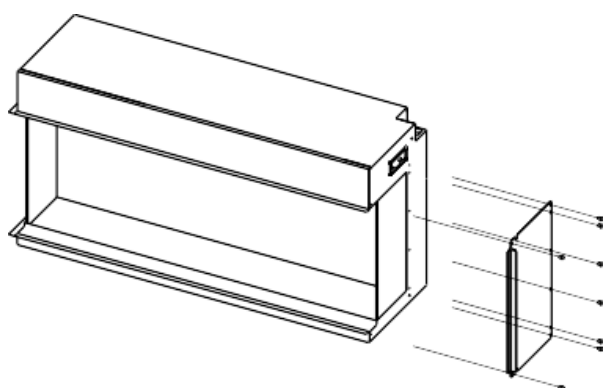
Your new electric fireplace can be installed virtually anywhere in your home. However, when choosing a location, ensure that the general instructions are followed.

- 5.1 For best results, install out of direct sunlight, water or very damp air.
- 5.2 The appliance should be connected to an earthed electrical outlet, and it must be easily accessible to allow disconnection.

Choose Aspect Type

The appliance can be installed in 3 different arrangements. They are as follows:

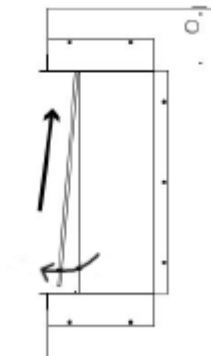
- **Front View (only the front window is visible)**
When you unpack the appliance, you will notice that the side panels have been fixed on the appliance, which makes the appliance visible only on the front side.
- **Corner Aspect (the front and one of the side windows are visible)**
Remove the side panel and side edging strip from the end you want to feature a glass panel. Then take the **top/bottom** edging strips and the **side** edging strip and fix them to the appliance using the screws taken from the removal of the side panel(s).



- **Panoramic Aspect (the front and both sides windows are visible)** Repeat the corner aspect procedure on the opposite side of the appliance.

Removing the Front glass panel

- Remove the screws and brackets holding the glass in place on the top edge of the front glass.
- Slide the glass up and pull out from the bottom,

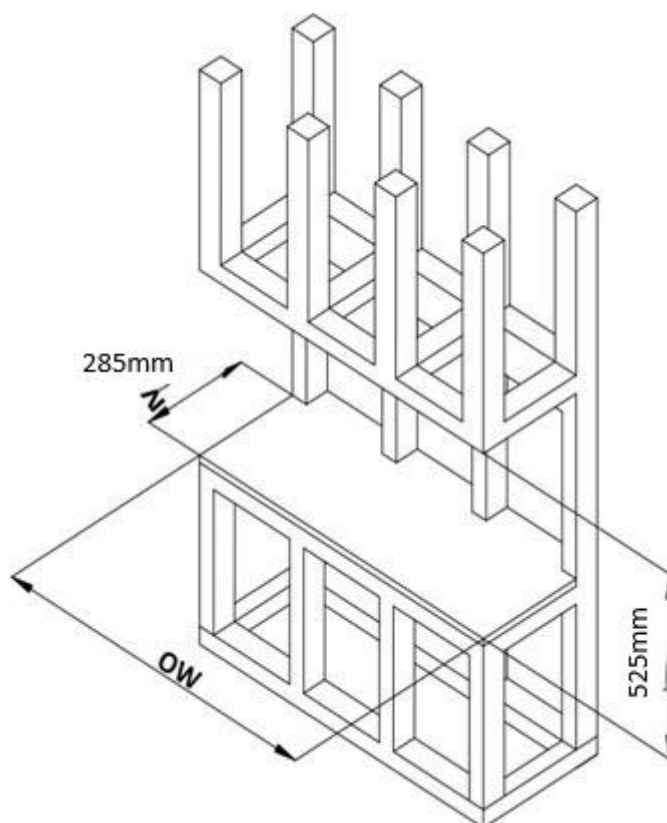


Installation

The following is only given as a general guide because it can be installed in so many ways. Provided you ensure electric connections are safely made in accordance with the codes, various materials can be used for the framework and cladding. (Consideration should be given to soften the internal surface of any cladding to minimize that amplification of noise)

Build in: 3 sided installation

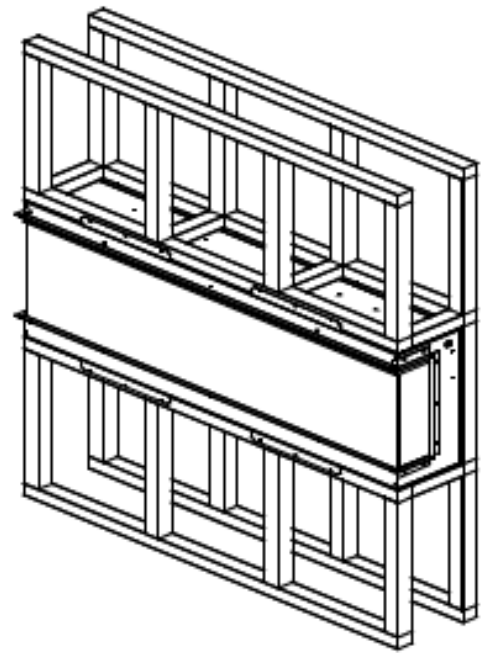
- Prepare the framed opening according to the Rough Opening Dimensions chart.



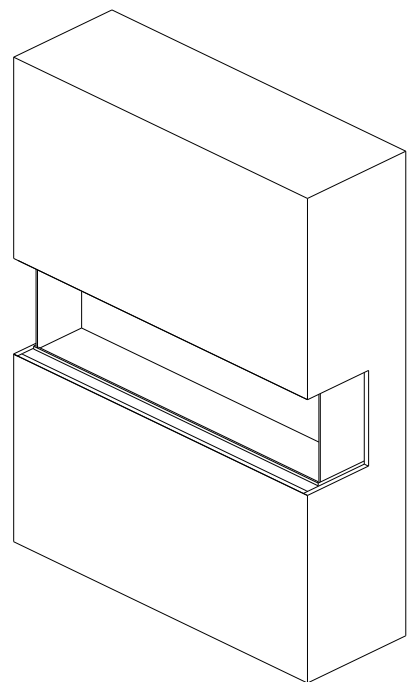
UNIT :mm

	OW
E172R	1524
E173R	1800
E174R	2032

- Push the appliance into the framework and secure using a minimum of 1 ¼ inch screws.

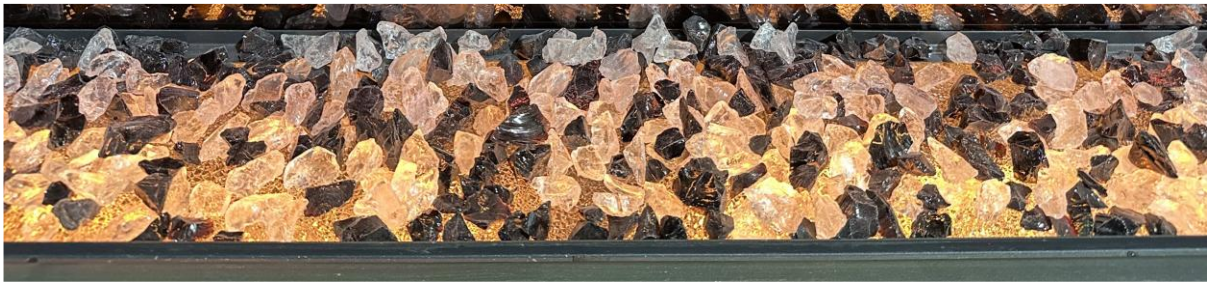


- Cladding the framework. Note: Hard surfaces can amplify sound. Consider adding some underlay or similar to the inside surface of the cladding.



Installing the Crystal Embers and Log-set

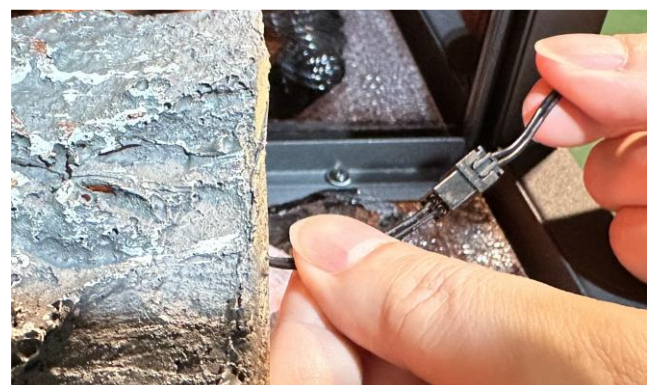
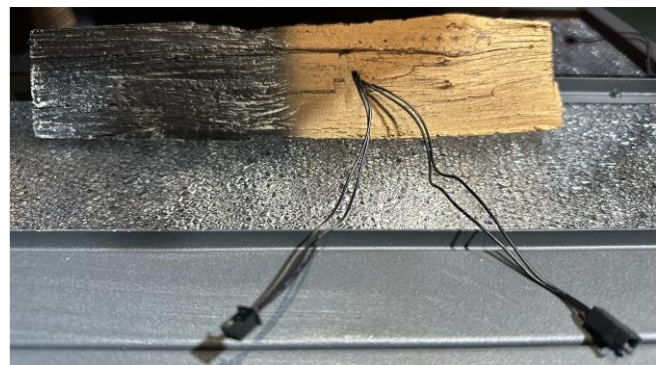
- Carefully place the crystal embers on the fuel bed screen. Apply an even layer from side to side.

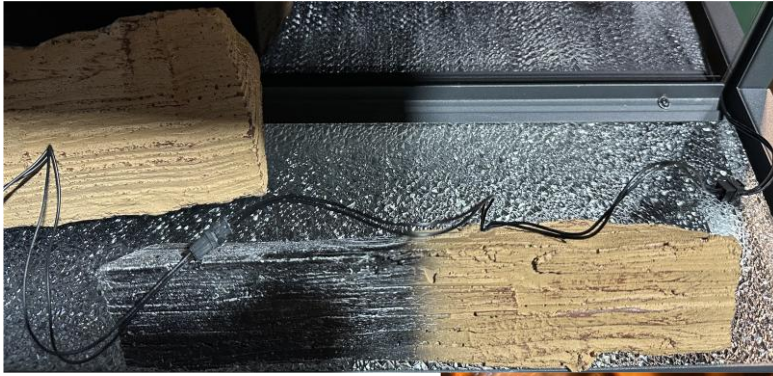


- You can add dimension to the ember bed by layering the crystals.

Installing the Resin logs with built-in LEDs

- Carefully place the log set in the desired position on the fuel bed.
- Locate the Log connection cable (right hand side of fuel bed) and connect all the logs together like shown in the images below

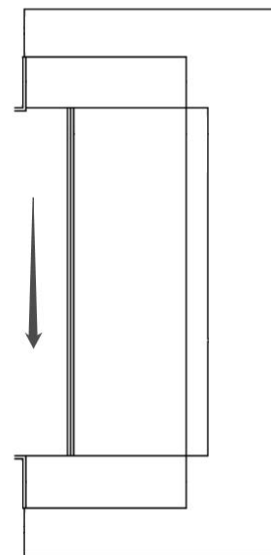
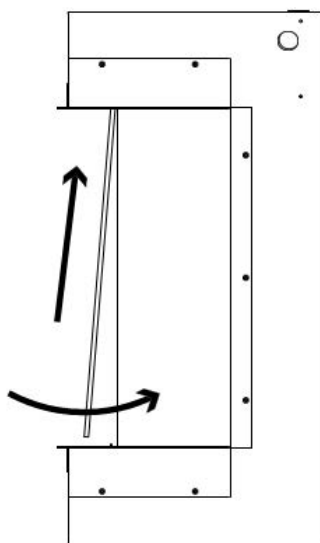




Reinstalling the Front glass panel

Once completed installing crystal embers or fire log, you are now ready to reinstall the glass panel. The fireplace has a bottom channel and a top retainer to hold the front glass in place.

- Insert the front glass at an angle into the bottom channel.
- Stand the front glass up straight until it touches the front of the fireplace
- Install the top retainer bracket using a Phillips head screwdriver



6. OPERATING INSTRUCTIONS

WARNING! Do not operate the appliance if it is damaged or has malfunctioned. If you suspect the appliance is damaged or has malfunctioned call a qualified service engineer to inspect the appliance, and replace any part of the electrical system, if necessary, before reuse.

WARNING! To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 metre from the air outlet.

MAKE SURE the plug fits tight in the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat.

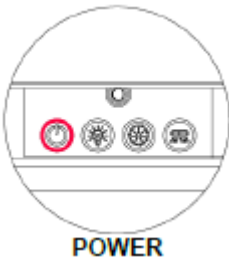
Do not disconnect the power at the mains supply whilst the appliance is running. Use the functions on the remote to turn the fire off and ensure the mains switch has been moved to the off position before disconnecting.

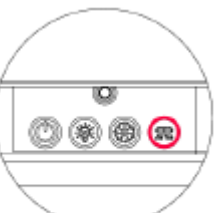
PREPARATION BEFORE USE

The appliance can be operated conveniently in 3 different ways: manually, via the remote control or via the dedicated iOS/Android app (with Wi-Fi connectivity).

Batteries - Ensure that the handset batteries are new and inserted correctly.

6a MANUAL CONTROL PANEL

BUTTON	FUNCTION	ACTION & INDICATION
	ON: Enables control panel functions and remote control. Turns on flame effect. OFF: Disables control panel functions and remote control. Turns off flame effect.	Press once. Indicator light turns on. Power turns on. All functions enabled. 2. Press again. Flame effect turns off. Unit goes to standby. All functions turn off.

 FLAME BRIGHTNESS	Flame button: Each press of the flame button makes flame effect dimmer and brighter. NOTE: Flame effect stays on until power button is turned off. Flame effect must be on for heater to turn on.	1.Press once to change the flame brightness. 2.Press again until desired flame brightness setting is reached
 FLAME COLOR	Flame Colour button: Changes the colour flame effect. NOTE: Colour effect stays on until power button is turned off. The fireplace will remember the last flame colour used when the fireplace is turned off. Unplugging the fireplace will reset the colour to the default colour.	1.Press once to change the flame colour. 2.Press again until desired setting is reached. There is a total of 8 different flame colour combinations.
 HEATER	Heater button: Turns heater on and off. NOTE: The heater only works when the flame effect is ON. If the flame effect is OFF, the heater will not turn on. To prevent overheating, the heater blows cool air for 30 seconds after it turns off.	1.Press once. Indicator lights up. Low heater turns on and blows warm air. 2.Press again. Indicator lights up. High heater turns on and blows hot air. 3.Press again. Heaters turn off. The fan blows cool air for 30 seconds and then turns off.
 RESET	Reset button: Reset to default state.	1.Press 3S. Reset to default state

6b REMOTE CONTROL



Remote Control Operation

- this remote control uses 1 CR2450 batteries
- To improve operation of the remote control, aim the Remote control at the front of the fireplace. **DO NOT PRESS the buttons too quickly.** Give the unit time to respond to each command
- **NOTICE: NEVER** dispose of batteries in fire. Failure to observe this precaution **may result in an explosion. Dispose of batteries at your local hazardous material processing enter.**

	Power button	The machine can be turned on and off cyclically
	Colour ring	Adjustable global or single group colour
	Dimmer	Adjustable global or single group brightness
	Flame selection button	After selection, you can adjust the flame colour, brightness and mode
	Ambient Light selection button	After selection, you can adjust the ambient light colour, brightness

	Ember bed light selection button	After selection, you can adjust the ember bed light colour, brightness
	Mode button	Adjustable global or single group light flashing mode
	Timer button	1-9H timer setting
	Heater	Heater switch low-high-off continuous cycle
	Sound button	Crackle sound ON/OFF
	Reset	Reset to default state

6c WI-FI CONTROLS

This fireplace is also capable of being controlled over Wi-Fi using an Apple or Android mobile device. Scan the QR code for an instructional walk-through video on how to download and setup the app needed to control your Electric fireplace. Alternatively, you can follow the steps below.



Figure 29: QR Code for downloading Android/ iOS App

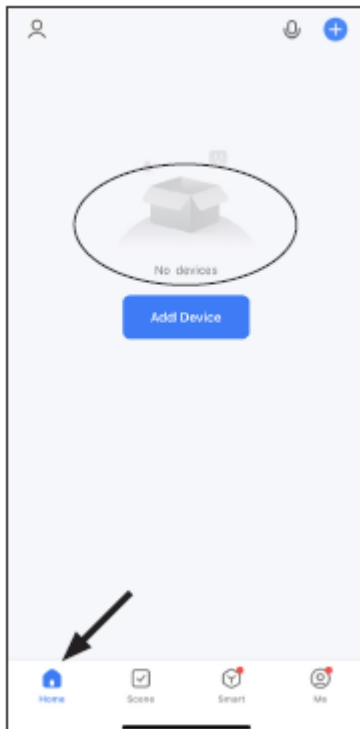


Figure 30: Add Device



1. Download the app **Smart Life - Smart Living**, from either the Apple App Store or Google Play Store, and create a new user account.

2. Turn on the fireplace using either the control panel or remote control.

3. Navigate to the **Home** screen in the app and press the **Add Device** button. (Figure 30)

4. On the Add Device screen select the **Small Home Appliances** category then pick **Electric Fireplace (Wi-Fi)**.

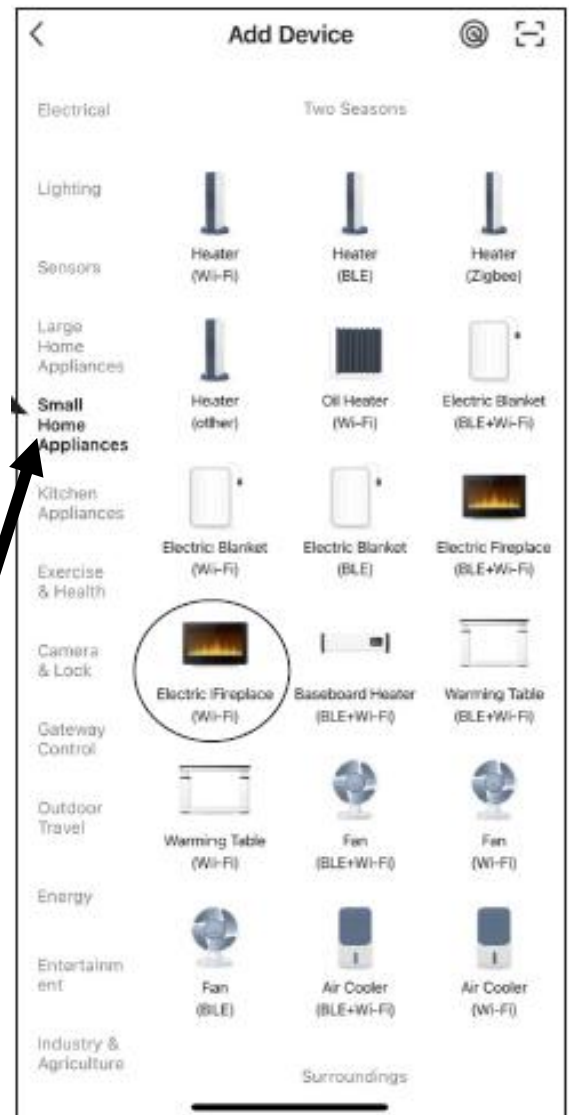


Figure 31: Appliance Selection

5. Next you will be prompted to connect to your existing home wireless network. Select the appropriate 2.4GHz network and log in.

Note - Only 2.4GHz wireless networks are compatible, 5GHz wireless networks cannot be used. If not available, contact your wireless service provider for further information on setting up a 2.4GHz wireless network.

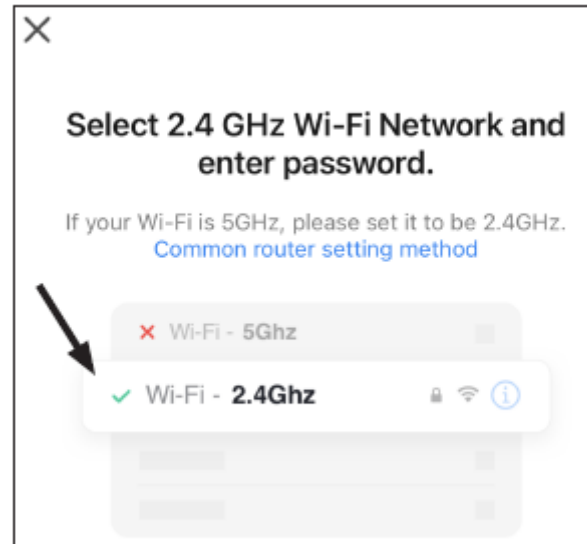


Figure 32: Network Connection

6. Once you are connected to your home network put the fireplace into pairing mode. Press and hold the **COLOUR** button on the control panel of the fireplace until the back flame and ember bed begin flashing at the same time.

7. With the fireplace now in pairing mode select the **Blink Quickly** option on the **Reset the Device** screen in the app. The app will begin pairing to the fireplace on a timing screen and automatically finish once pairing is successful

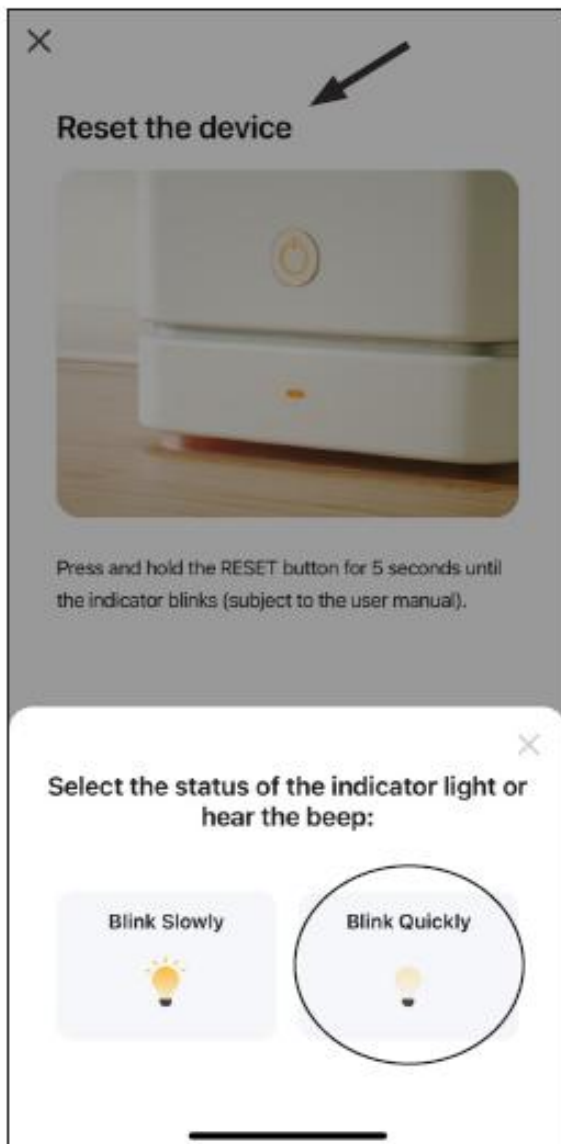


Figure 33: Fireplace Pairing

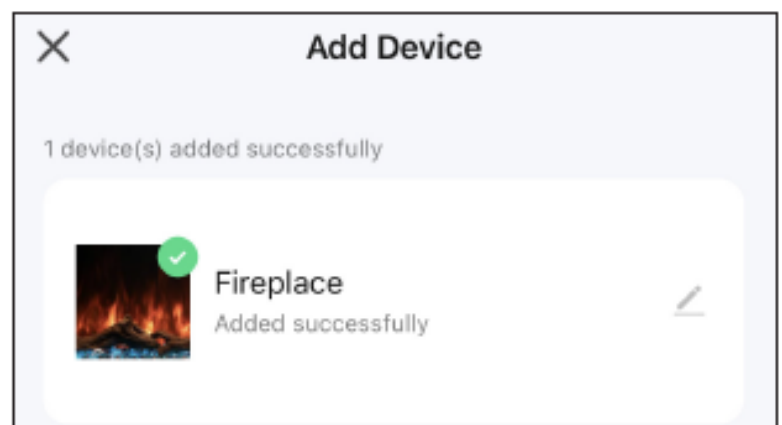


Figure 34: Fireplace Successfully Paired



Sync

This is a synchronization selector, used to synchronize the current colour on the colour wheel to all the zones (Flame/Ember Bed/Downlight).

Greyed out SYNC is when synchronization is "OFF".

Green SYNC is when synchronization is "ON".



Colour Wheel

This is the colour adjustment wheel for all zones. Keeping contact on the colour circle, the colour of the selected zone will change continuously based on where you have your finger



Temperature Read Out

The number in the colour circle is the built-in thermostat temperature reading of the fireplace.



Brightness Control

Brightness adjustment, for all zones depending on tab selected or if sync is on. The brightness of the fireplace changes in real time as the slider is moved.



Power

Powers unit on & off.



Flame

This is the flame zone adjustment tab. After pressing this tab, the colour ring and brightness bar can be adjusted.



Heat Control

Heat controls open a drop-down menu. The menu displays off, low, and high. Can be used without thermostat.



Ember Bed

This is the ember bed zone adjustment tab. After pressing this tab, the colour ring and brightness bar can be adjusted.



Thermostat Slider

Normally inactive while heater is "ON." To use the thermostat while the heater is "ON," activate the thermostat by setting the slider to the desired temperature. Note: Does not save when turned "OFF."



Downlight

This is the downlight zone adjustment tab. After pressing this tab, the colour ring and brightness bar can be adjusted.

Mode Sub Menu



Mode Button

Opens a sub menu for selecting presets.

PRESET MENU

> Modern Flames

Original Modern Flames Orange (Static).

> Horizon

Same as remote control, 7 colour gradient cycle R->G->B->RG->RB->GB->RGB.

> Trifecta

Same as remote control, R-G-B three colour gradient cycle.

> Crimson

Same as remote control, 3 colour gradient cycle R->G->B.

> Hillside

Same as remote control, green monochrome fade cycle.

Preset Menu



> Island Tim

Same as remote control blue monochrome fade cycle.

> Seven Colour Dem

Same as remote control, 7 colour jump cycles: R->G->B->RG->RB->GB->RGB.

> Three Colour Dem

Same as remote control, 3 colour jump cycles: R->G->B.

> Custom

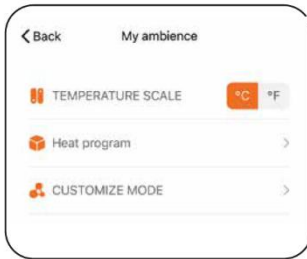
Custom mode can be modified from “My Ambience” setting. The default colour is Red.

> Custom

Custom mode can be modified from “My Ambience” setting. The default colour is White.

> Custom

Custom mode can be modified from “My Ambience” setting. The default colour is Blue.



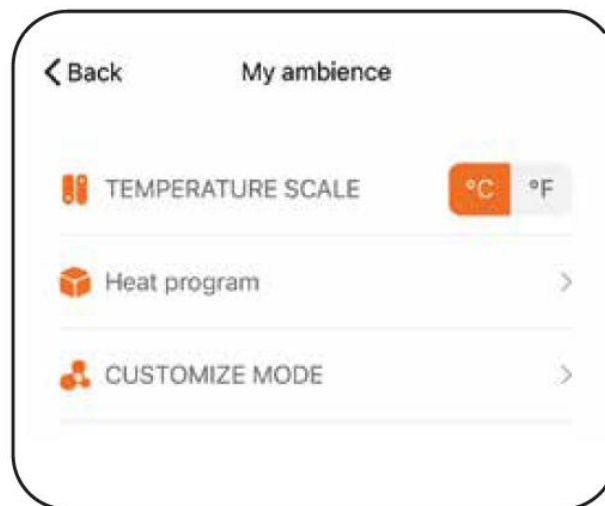
Timer

Pressing the timer button will pop up a sub-menu with 10 options to choose from: 1-2-3-4-5-6-7-8 -9 hours-cancel. Once the selected time has elapsed, the fireplace will turn off.



Ambience Setting

The Ambience Setting button will open up a second window where customizations can be performed, including temperature scale setting (C/F), Weekly/Heat programming, Custom mode configuration, and changing speed of the flame and ember bed



> Temperature Scale

Set the temperature unit according to needs. “°C” for Celsius and “°F” for Fahrenheit. The main temperature read out will change accordingly.



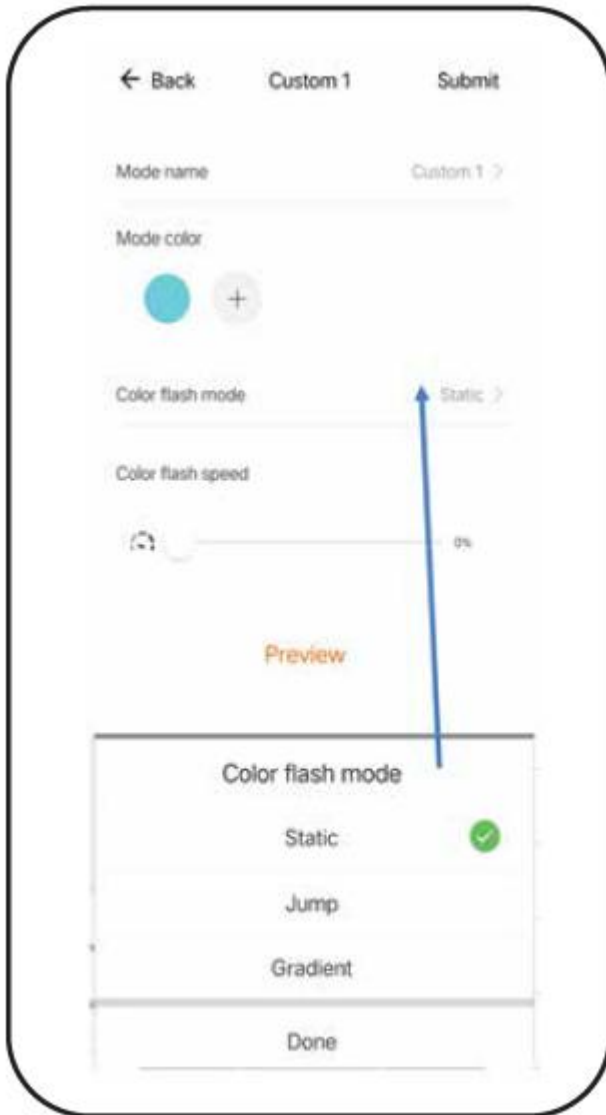
> Heat Program

Setup a custom weekly schedule. This includes the state of the fireplace, the heater level and thermostat for the heat if desired. (See Heat Program Sub menu continued for more info.)



> Customize Mode

Configure the custom modes via 4 options: mode name, mode colour, Colour flash mode, Colour flash speed. Includes a preview function. (See Customize Mode Sub menu continued for more info.)



CUSTOMIZE MODE SUB MENU

> Mode Name

Custom name of selected mode (default will be present until changed).

> Mode Colo

Mode colour: In the Static mode, only one colour can be selected. After clicking the colour symbol, you can change to additional colours. When using the Jump/Gradient feature, 8 colours can be programmed by clicking "+" colour



By adjusting the colour sliders, select the corresponding RGB value to obtain the desired colour combination.

> Colour Flash Mode Customizing how the colour changes

>Static

No change in brightness and flash and only one colour can be selected.

> Jump

Cycles between selected colours, up to 8. Jump speed is selected using the speed slider.

> Gradient

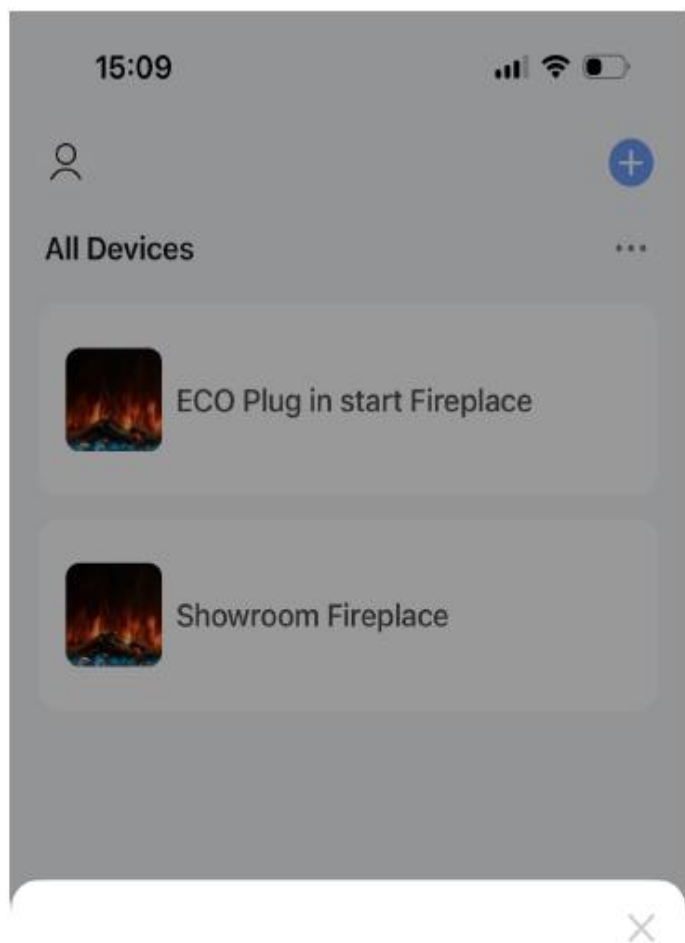
Colour progression between chosen colours, up to 8. Gradient speed is selected using the speed slider.

> Preview

Will preview any customization being made.

The Fireplace can also be added to the Smart life APP by Bluetooth.

1. power on the fireplace and enable Bluetooth on your mobile phone.
2. Enter into the smart life APP, the device should show up automatically. Click ADD
3. The app will jump to the WIFI information section, click NEXT to finish adding the device

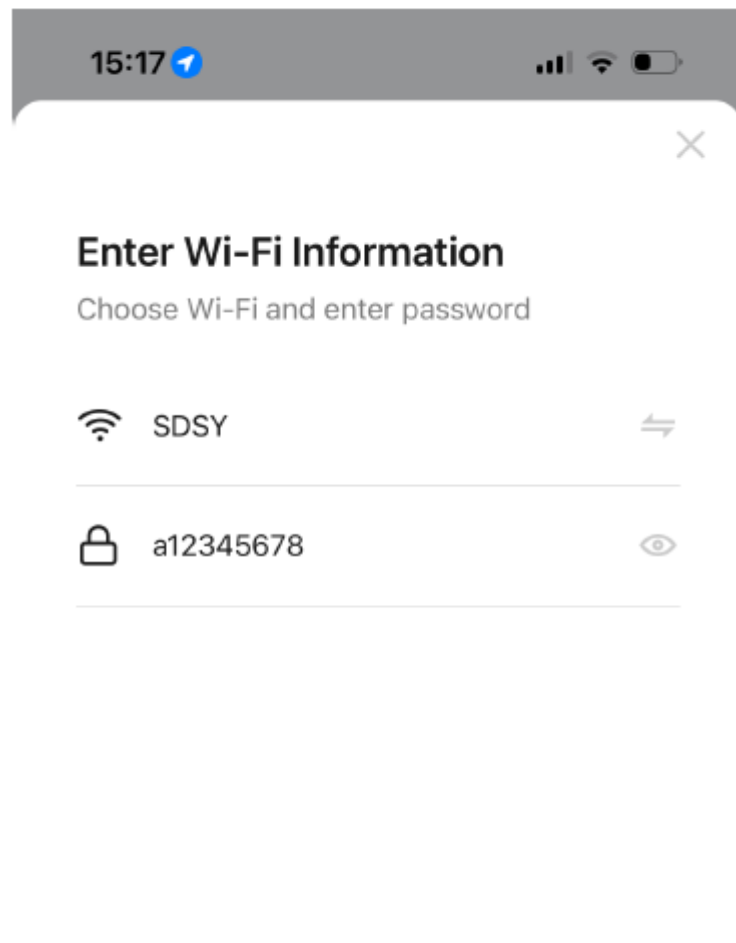


Devices to be added: 1



SD-Fireplace

Add



Next

7. MAINTENANCE

Cleaning

- **ALWAYS** turn the heater **OFF** and unplug the power cord from the outlet before cleaning, performing maintenance, or moving the fireplace. Failure to do so could result in electric shock, fire, or personal injury.

- **NEVER** immerse in water or spray with water. Doing so could result in electric shock, fire, or personal injury.

Metal:

- Buff using a soft cloth, slightly dampened with citrus oil-based product.
- **DO NOT** use brass polish or household cleaners, as these products will damage the metal work.

Glass:

- Use a good quality glass cleaner sprayed onto a cloth or towel. Dry thoroughly with a paper towel or lint- free cloth.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Vents:

- Use a vacuum or duster to remove dust and dirt from the heater and vent areas.

Plastic:

- Wipe gently with a slightly damp cloth and a mild solution of dish soap and warm water.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Maintenance

- **RISK OF ELECTRIC SHOCK! DO NOT OPEN any panels. No user-serviceable parts inside!**
- **ALWAYS** turn the heater **OFF** and unplug the power cord from the outlet before cleaning, performing maintenance, or moving the fireplace. Failure to do so could result in electric shock, fire, or personal injury.

Electrical and Moving Parts:

- The fan motors are lubricated at the factory and will not require lubrication.
- Electrical components are integrated in the fireplace and are not serviceable by the customer.

8. OTHER



Environment

Meaning of crossed –out wheeled dustbin:

Electrical appliances should not be disposed of as unsorted municipal waste. Separate collection facilities should be used in the disposal of electrical appliances. To have this appliance processed at the end of its useful life please contact WEEECare Plc on 0844 8002004. The relevant producer number is WEE/MM3069AA.



This fire complies with the Safety Standards EN 60335-1 and EN 60335-2-30 which covers the essential requirements of the Low Voltage Directive 2014/35/EU and the EMC standards EN 55014-1; EN 55014-2; EN 61000-3-2 and EN 61000-3-3 which covers the essential requirements of the European Electro Magnetic Compatibility 2014/30/EU, and the RED standards EN300220-2, EN301489-1, EN301489-3

and EN6247 which covers the essential requirements of the European

Radio Equipment Directive 2014/53/EU.



This fire complies with the Safety Standards BS 60335-1 and BS 60335-2-30 which covers the essential requirements of the Electrical Equipment (Safety) Regulations 2016 and the EMC standards BS 55014-1; BS 55014-2; BS 61000 3-2 and BS 61000-3-3 which covers the essential requirements of the Electro Magnetic Compatibility Regulations 2016, and the RED standards BS 300220-2, BS 301489-1, BS 301489-3 and BS 6247 which covers the essential requirements of the Radio Equipment Regulations 2017.

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