

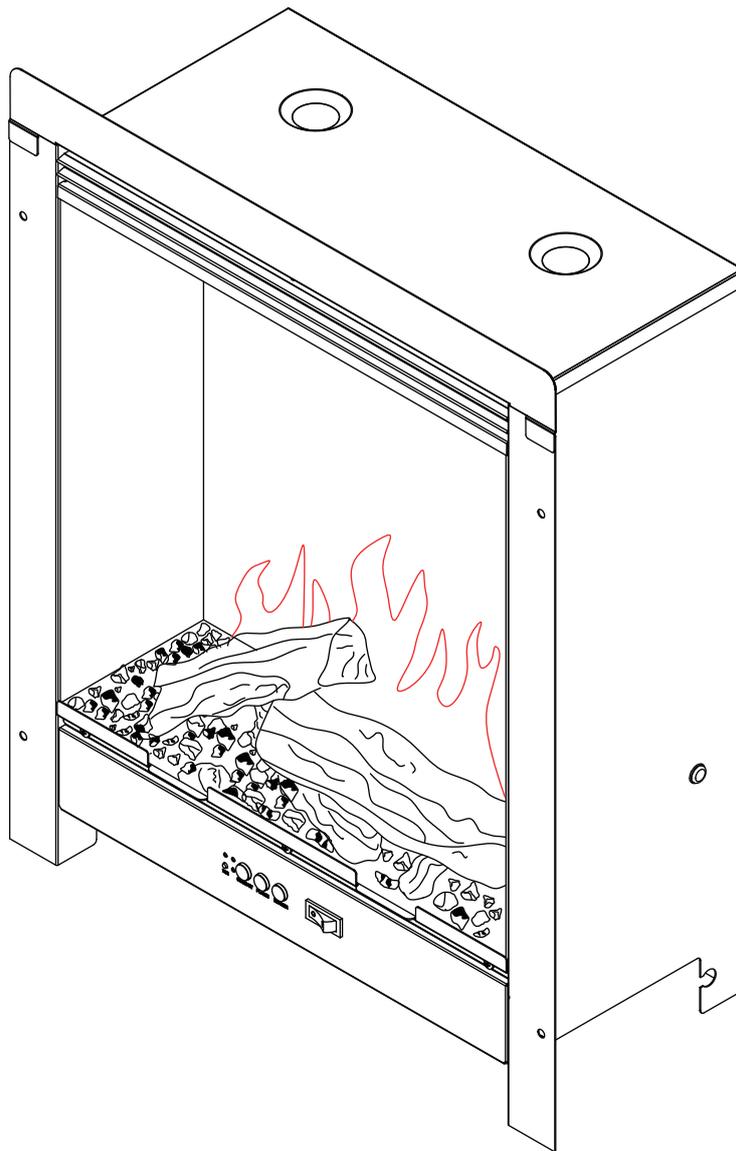
Charlton & Jenrick^{LTD}

Best of British fires, fireplaces & stoves

ELECTRIC FIREPLACE INSERT

INSTRUCTION MANUAL

Model: A-1082



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

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1. IMPORTANT SAFETY INFORMATION

- 1.1 **Read all of the instructions carefully before using the 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 fire must not be located immediately below or 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 in order to avoid a hazard due to the inadvertent resetting of the thermal cut out.
- 1.8 If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- 1.9  The figure in the marking is "**Do Not Cover**". **Warning:** in order to avoid overheating, do not allow the appliance to be covered or let the air inlet/outlet become obstructed. Please note the warning on the appliance.
- 1.10 To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 metre from the air outlet.
- 1.11 Keep the power cords away from hot surfaces and hot conditions. Do not route the power lead in front of the appliance.
- 1.12 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.
- 1.13 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 1.14 Cleaning and user maintenance shall not be made by children without supervision.
- 1.15 **CAUTION** - Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- 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 should be supervised to ensure that they do not play with the appliance.
- 1.18 Keep the power plug accessible after installation for the purpose of isolation.
- 1.19 Children of less than 3 years should be kept away unless continuously supervised or a fireguard is fitted .

1.20 Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

WARNING! 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. : A-1082

Supply Voltage: AC 230-240V 50Hz

Maximum power consumption: 1830-2000W

Power for flame and fuel bed effect: 10.0W

Power for mood light: DC12V 9W 0.75A

INFORMATION REQUIREMENT FOR ELECTRIC LOCAL SPACE HEATERS			
Power consumption	In idle mode	P_{idle}	1.25W
	In network standby	P_{nsm}	1.25W
	In off mode	P_o	0
	In standby mode	P_{sm}	N/A
	Standby mode with display of information or status		NO
Heat output	Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	98%
	Nominal heat output	P_{nom}	1830-2000W
	Minimum heat output	P_{min}	915W
	Maximum continuous heat output	$P_{max, c}$	2000W

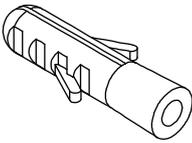
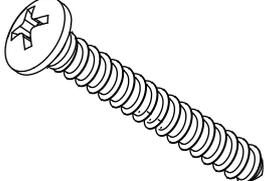
TYPE OF HEAT OUTPUT/ ROOM TEMPERATURE CONTROL	
Single stage heat output and no room temperature control	No
Two or more manual stages , no room temperature control	No
With mechanic thermostat room temperature control	No
With electronic room temperature control	Yes
Electronic room temperature control plus day timer	Yes
Electronic room temperature control plus week timer	Yes

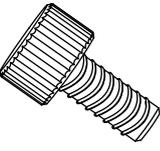
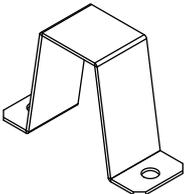
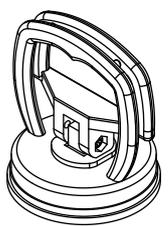
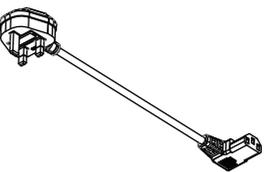
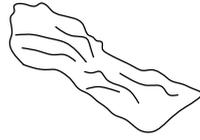
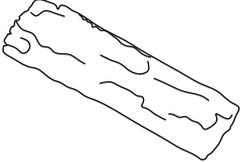
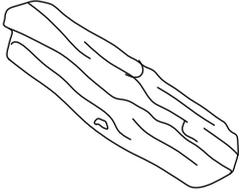
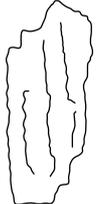
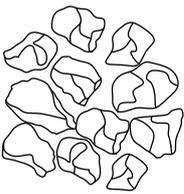
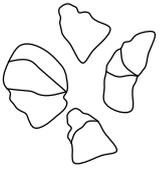
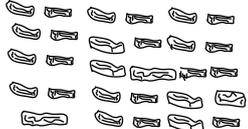
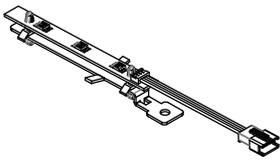
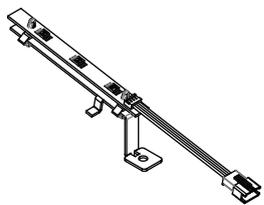
OTHER CONTROL OPTIONS	
Room temperature control, with presence detection	No
Room temperature control, with open window detection	Yes
With distance control option	Yes
With adaptive start control	Yes
With working time limitation	No
With black bulb sensor	No
Self-learning functionality	No
Control accuracy	Yes

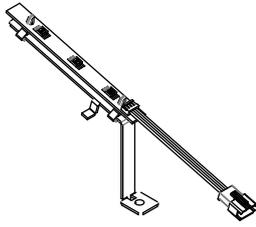
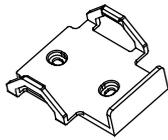
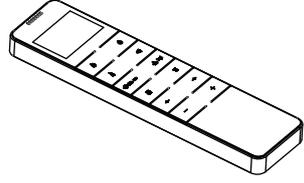
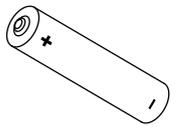
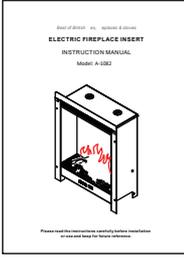
Control PCB	Remote Control Receiver	Remote Control Transmitter
Hardware: RC01-103C01 Software: V02.001	Hardware: RC05-014A Hardware: 20200618	Frequency: FSK.433.92MHz Maximum transmit power:75mW Hardware: RF290L-V1.2 20210812 Software: :V0.41

3. PARTS AND HARDWARE

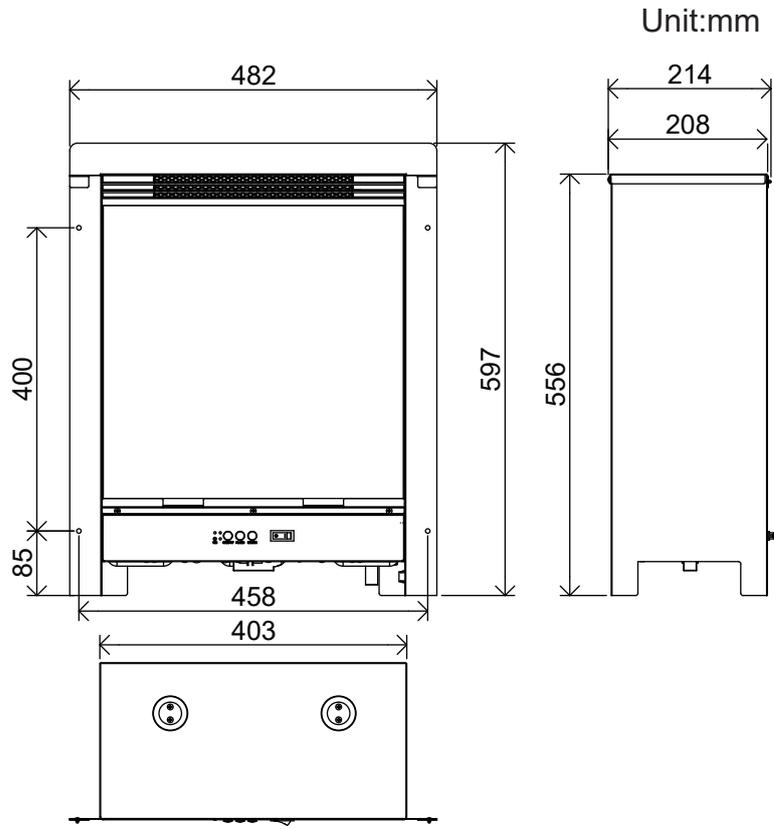
- 3.1 Unpacking the fire carefully, make sure that the appliance is intact with no signs of damage caused by transport and no part has been exposed to water. If in doubt, do not use the appliance and contact an authorized service centre.
- 3.2 Keep plastic wrapping away from children.
- 3.3 Save the 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.

<p>A</p>  <p>Fireplace (1 PC)</p>	<p>B</p>  <p>Wall Plug (4 PCS)</p>	<p>C</p>  <p>ST5*25 Screws (4 PCS)</p>	<p>D</p>  <p>ST4*8 Screws (2 PCS)</p>
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<p>E</p>  <p>M5*12 Screws (3 PCS)</p>	<p>F</p>  <p>Power Cord Securing Bracket (1 PC)</p>	<p>G</p>  <p>Cable Grommet (1 PC)</p>	<p>H</p>  <p>Glass Suction Cup (1 PC)</p>
<p>I</p>  <p>Power Cord UK (1 PC)</p>	<p>J</p>  <p>Power Cord EU (1 PC)</p>	<p>K</p>  <p>Log A (1 PC)</p>	<p>L</p>  <p>Log B (1 PC)</p>
<p>M</p>  <p>Log C (1 PC)</p>	<p>N</p>  <p>Black Charcoal Embers (2 PCS)</p>	<p>O</p>  <p>Bark (2 PCS)</p>	<p>P</p>  <p>Black Embers (1 SET)</p>
<p>Q</p>  <p>Ceramic Chips (1 SET)</p>	<p>R</p>  <p>Vermiculite (1 SET)</p>	<p>S</p>  <p>Log LED Bracket A (1 PC)</p>	<p>T</p>  <p>Log LED Bracket B (1 PC)</p>

<p>U</p>  <p>Log LED Bracket C (1 PC)</p>	<p>V</p>  <p>Remote Control Holder (1 PC)</p>	<p>W</p>  <p>Remote (1 PC)</p>	<p>X</p>  <p>AAA Battery (2 PCS)</p>
<p>Y</p>  <p>Instruction Manual (1 PC)</p>	<p>Z</p>  <p>Simplified Manual (1 PC)</p>		

4. APPLIANCE DIMENSIONS



5. INSTALLATION INSTRUCTIONS

PREPARATION BEFORE INSTALLATION

5.1 Tools Required

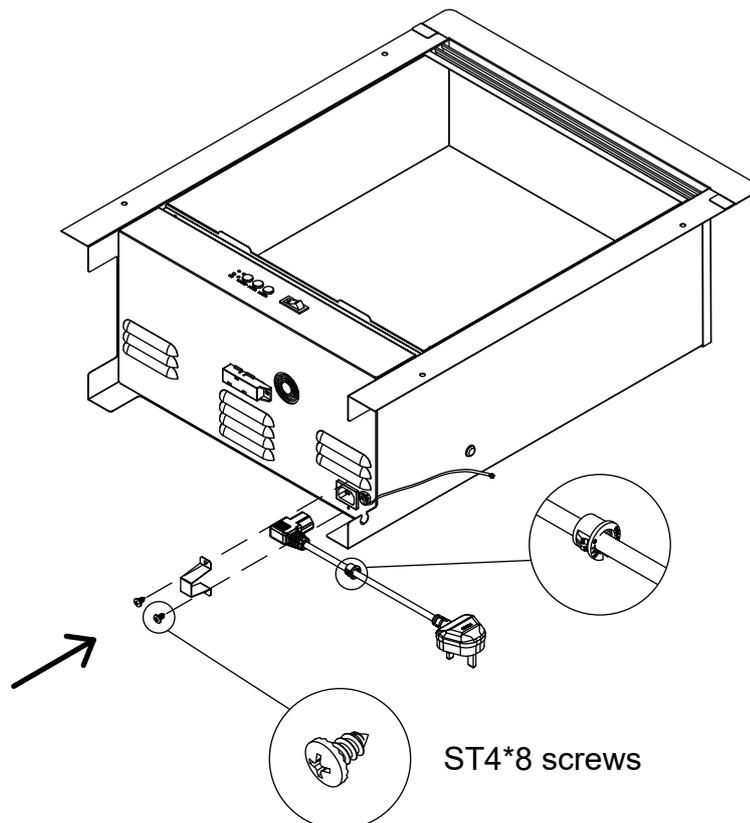
A screw driver and a drill will be needed.

5.2 Locating the Appliance

- Your new electric fireplace may be installed virtually anywhere in your home. However, when choosing a location, ensure that the general instructions are followed:
- For best results, install out of direct sunlight.
- The appliance should be connected to an earthed electrical outlet and it must be easily accessible to allow disconnection.
- **If the appliance is fitted into or against a flue/chimney, the flue/chimney must be blocked at its entrance (i.e. with Rockwool or similar) to avoid the air flow creating a failure of the fan heater.**

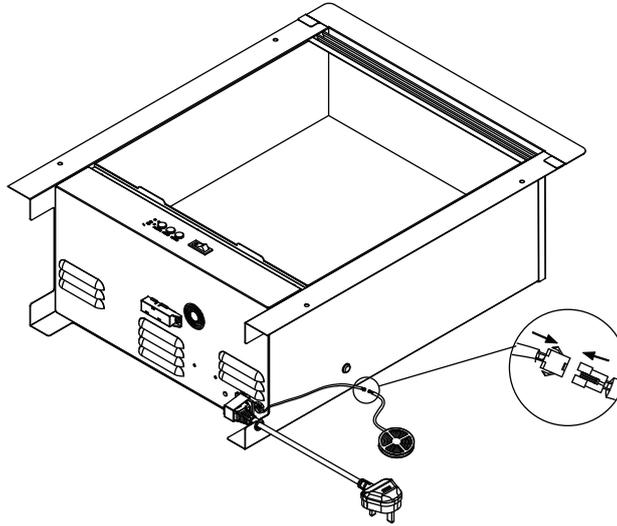
5.3 Connect the power cord (Two power cord options available)

Before this, please take the power cords, power cord securing bracket, cable grommet and 2pcs screws 4*8 out from the firebox, more details please see STEP1-3. It is very important that the plug is tightly located into the socket in rear of appliance. **It is essential that the power cord securing bracket provided is fixed in place** using the ST4*8 screws and slide the cable grommet onto the power cord, ensuring a secure connection to the appliance. It is recommended that you turn on and operate the appliance to check that all functions and that there are no issues with the appliance.



5.4 Connect the Mood Light Cable

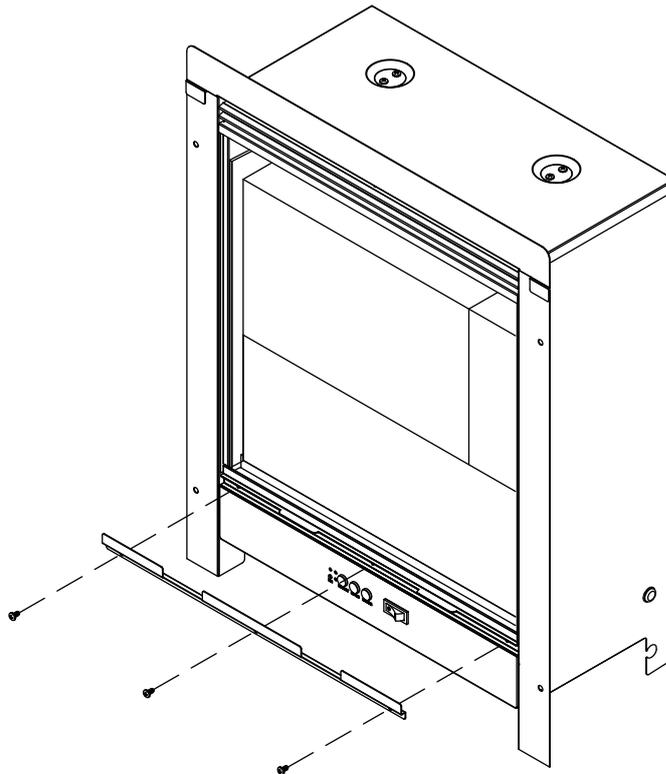
The interface of the mood light cable is on the bottom of the appliance, near the position of the power cord. Please also check the function after connecting the mood light.



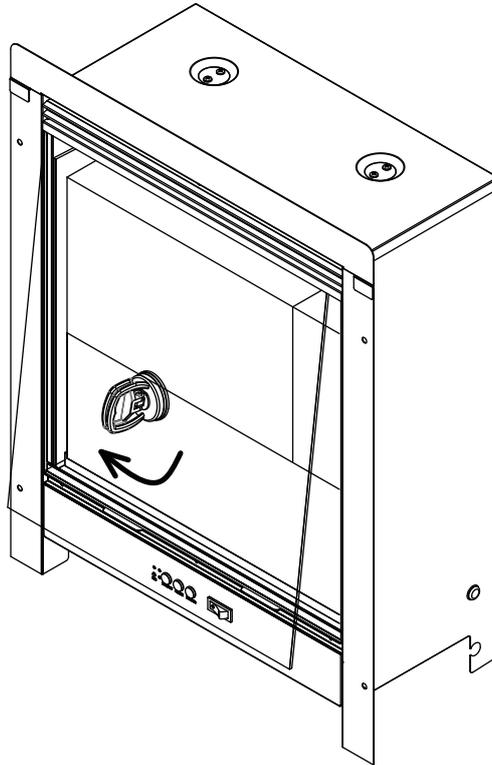
Note: compatible mood lighting devices are available from Charlton & Jenrick Ltd., Other brands may not be suitable and void the warranty.

5a. ELECTRIC FIREPLACE INSERT INSTALLATION

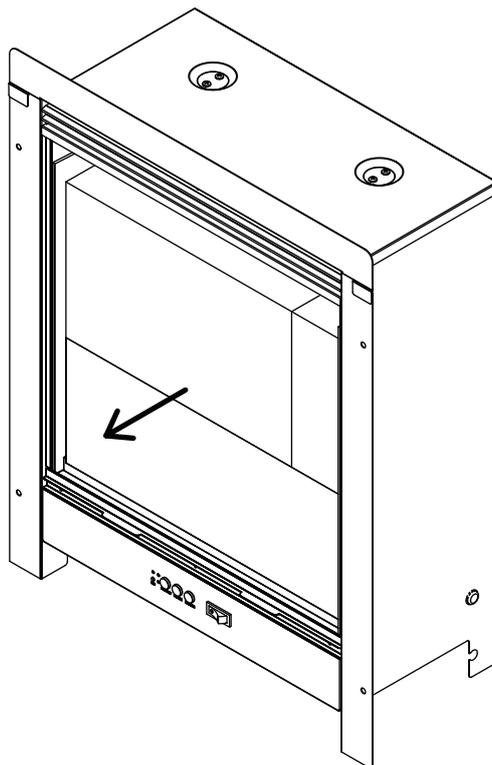
STEP 1. Remove 3 pcs screws, then remove the retaining bracket.



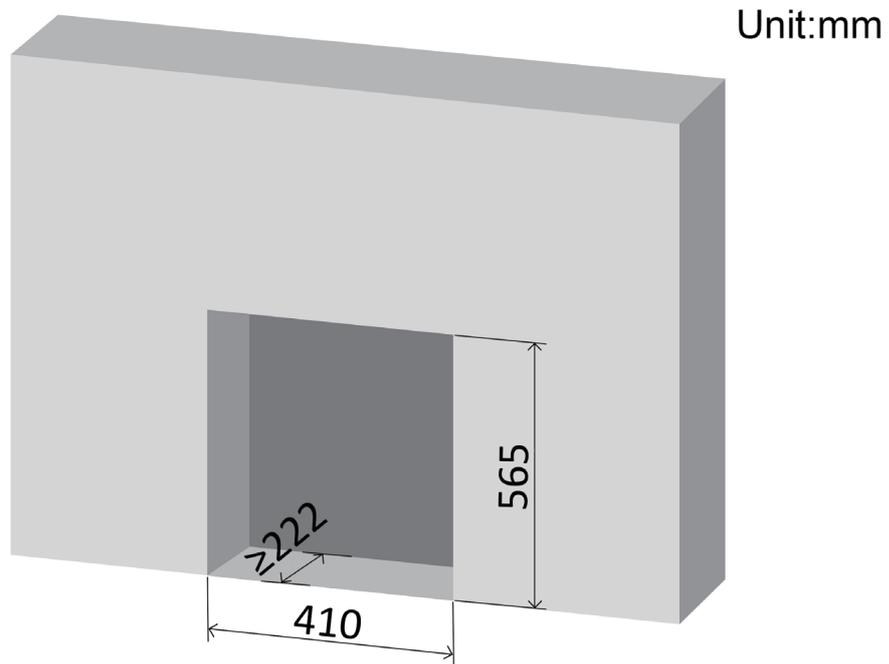
STEP 2. Use glass suction cup to remove the glass.



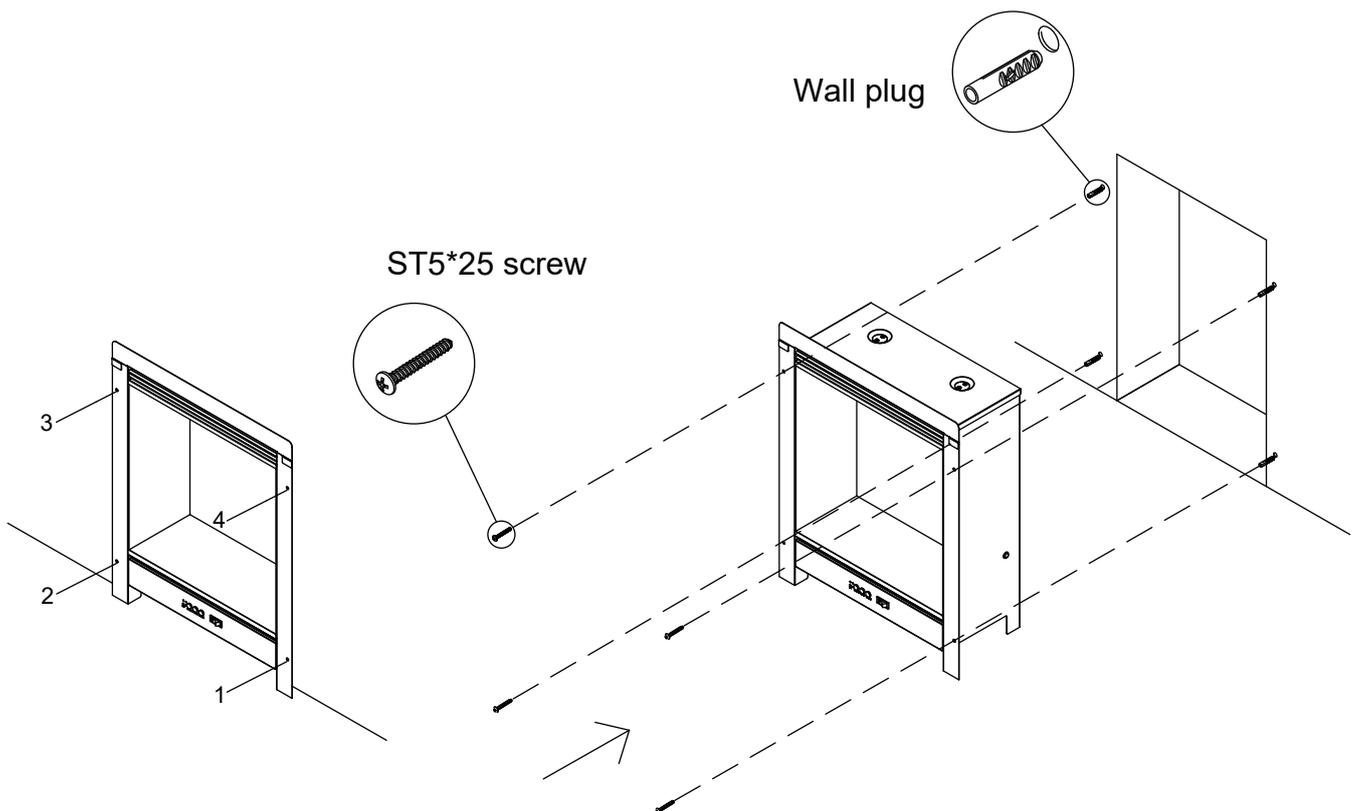
STEP 3. Take out the accessories boxes from the firebox.



STEP 4. Build an opening with power supply according to recommended dimensions below.

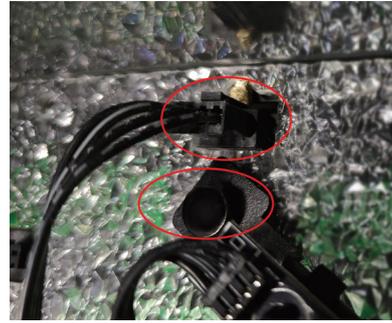


STEP 5. Make four holes with a drill, then insert the wall plugs (FOR CONCRETE WALLS ONLY) and secure appliance with ST5*25 screws supplied.



STEP 6. Arrange the fuel bed.

- Fix the Log LED Bracket A on the fuel bed by 1 pc M5*12 screw and plug in the wire for LED.



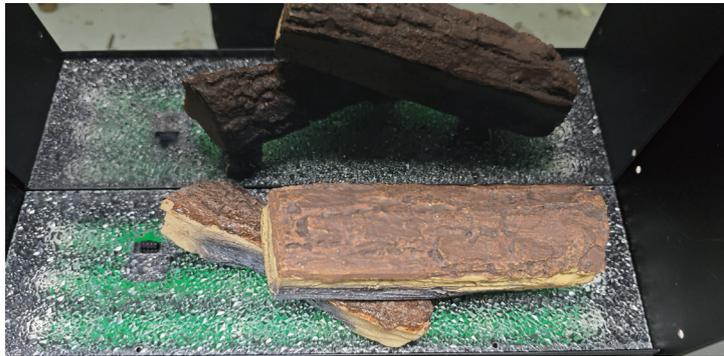
- Put the Log A on the Log LED Bracket A.



- Fix the Log LED Bracket B on the fuel bed by 1 pc M5*12 screw and plug in the wire for LED.



- Put the Log B on the Log LED Bracket B.



- Fix the Log LED Bracket C on the fuel bed by 1 pc M5*12 screw and plug in the wire for LED.



- Put the Log C on the Log LED Bracket C.



- Place 2pcs black charcoal embers on the fuel bed.



- Place black embers on the fuel bed.



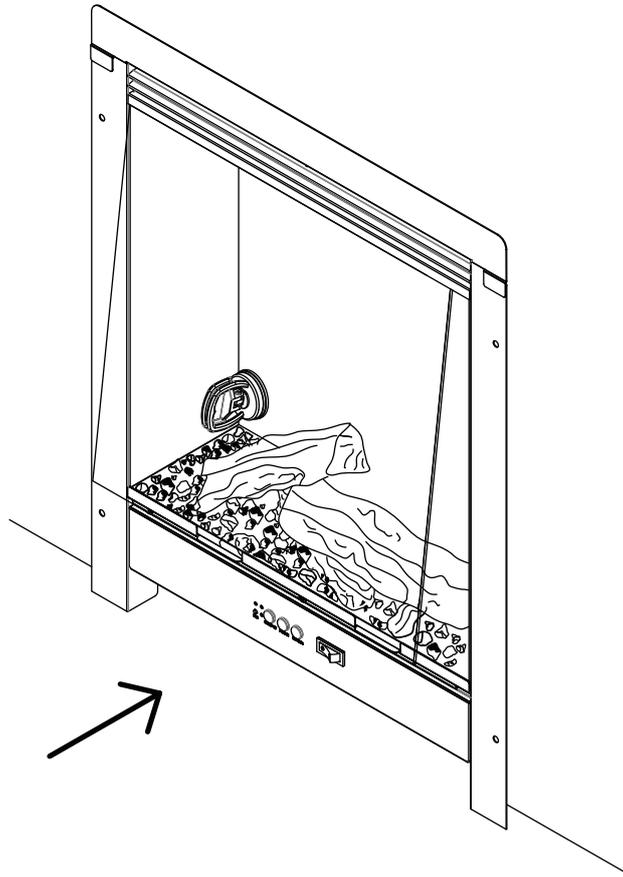
- Place 2pcs barks the fuel bed. If any connection cables are visible, can cover them with barks.



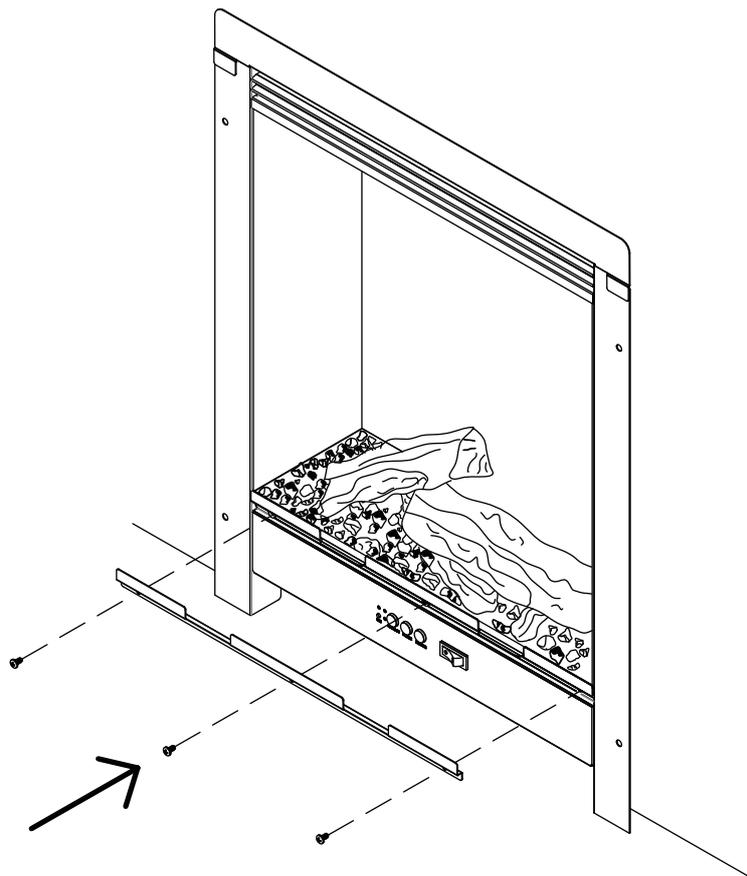
- Place ceramic chips and vermiculites on the fuel bed.



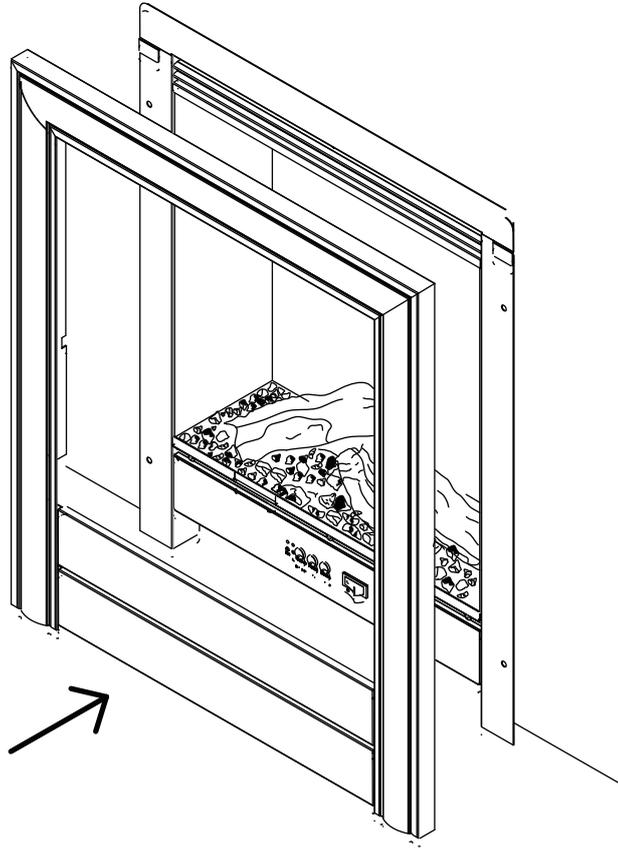
STEP 7. Install the glass.



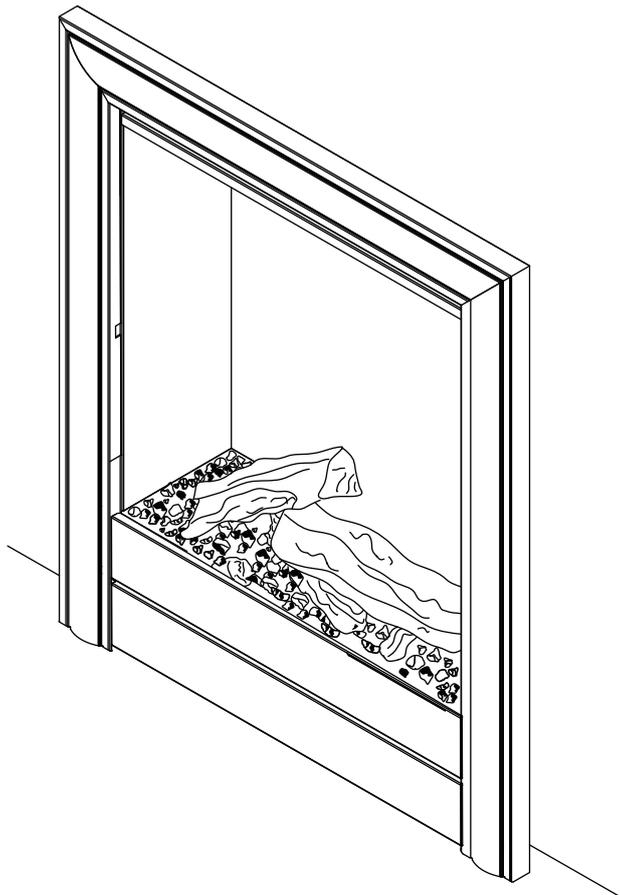
STEP 8. Install the retaining strip



STEP 9. Install the front trim.



STEP 10. Installation finished.



6. OPERATING INSTRUCTIONS

GENERAL

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 re-use.

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.

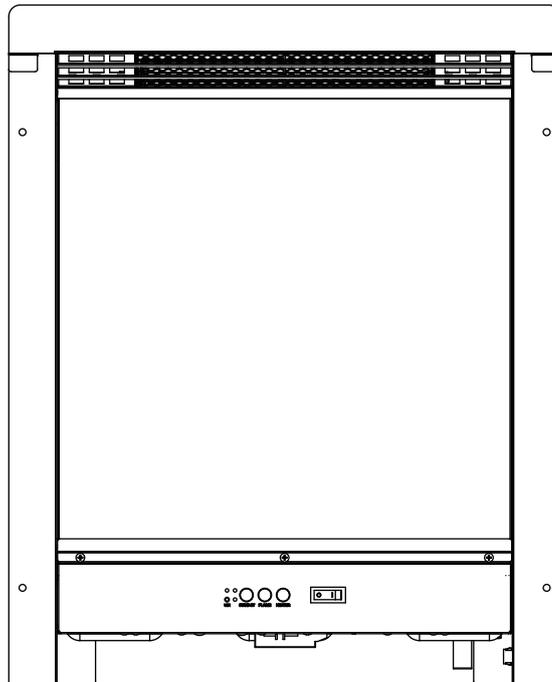
- **MAKE SURE** the plug fits tight in the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat.
- **DO NOT** disconnect the power at the mains supply whilst the appliance is running. Use the remote control handset and the manual button on appliance to turn the fire off before disconnecting.

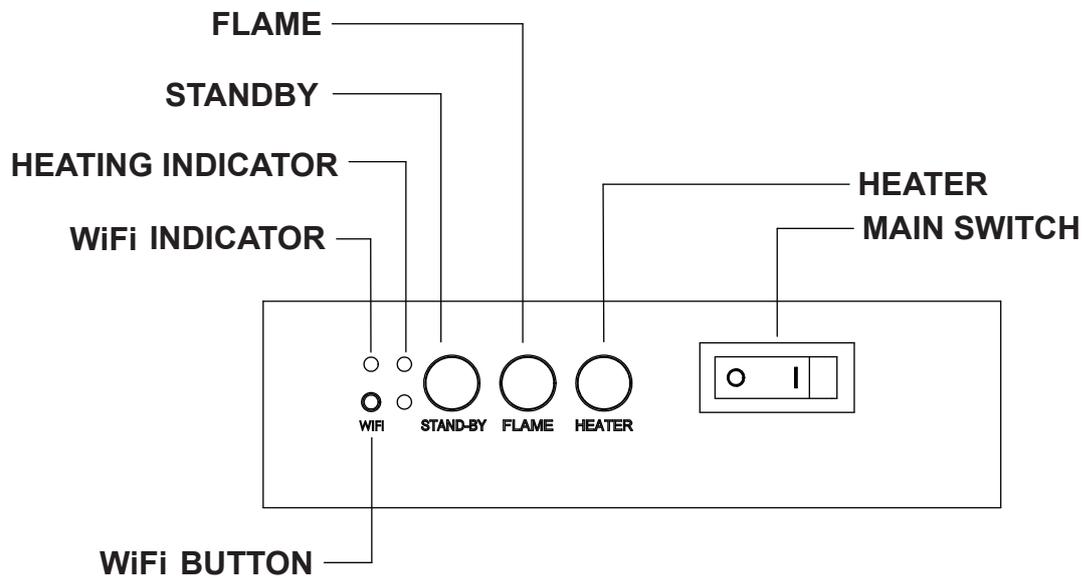
The appliance can be operated conveniently in 3 different ways: manually using switches on appliance, via the remote-control handset or via the dedicated iOS/Android App.

6a. MANUAL CONTROL

NOTE:

- The manual buttons control basic functions, not a full range of controls. Use the remote handset to carry out all functions.





MAIN SWITCH:

Press “I” to turn on the appliance ;Press “ O” to turn off it.

STANDBY:

Press to turn on/off flame、 downlight、 and fuel bed effect.

HEATER:

Press repeatedly to cycle through low heat setting, high heat setting and no heat.

FLAME:

Press repeatedly to cycle through 6 fire preset modes and 3 user defined presets if programmed.

WIFI BUTTON:

Press to turn on/off Wi-Fi.

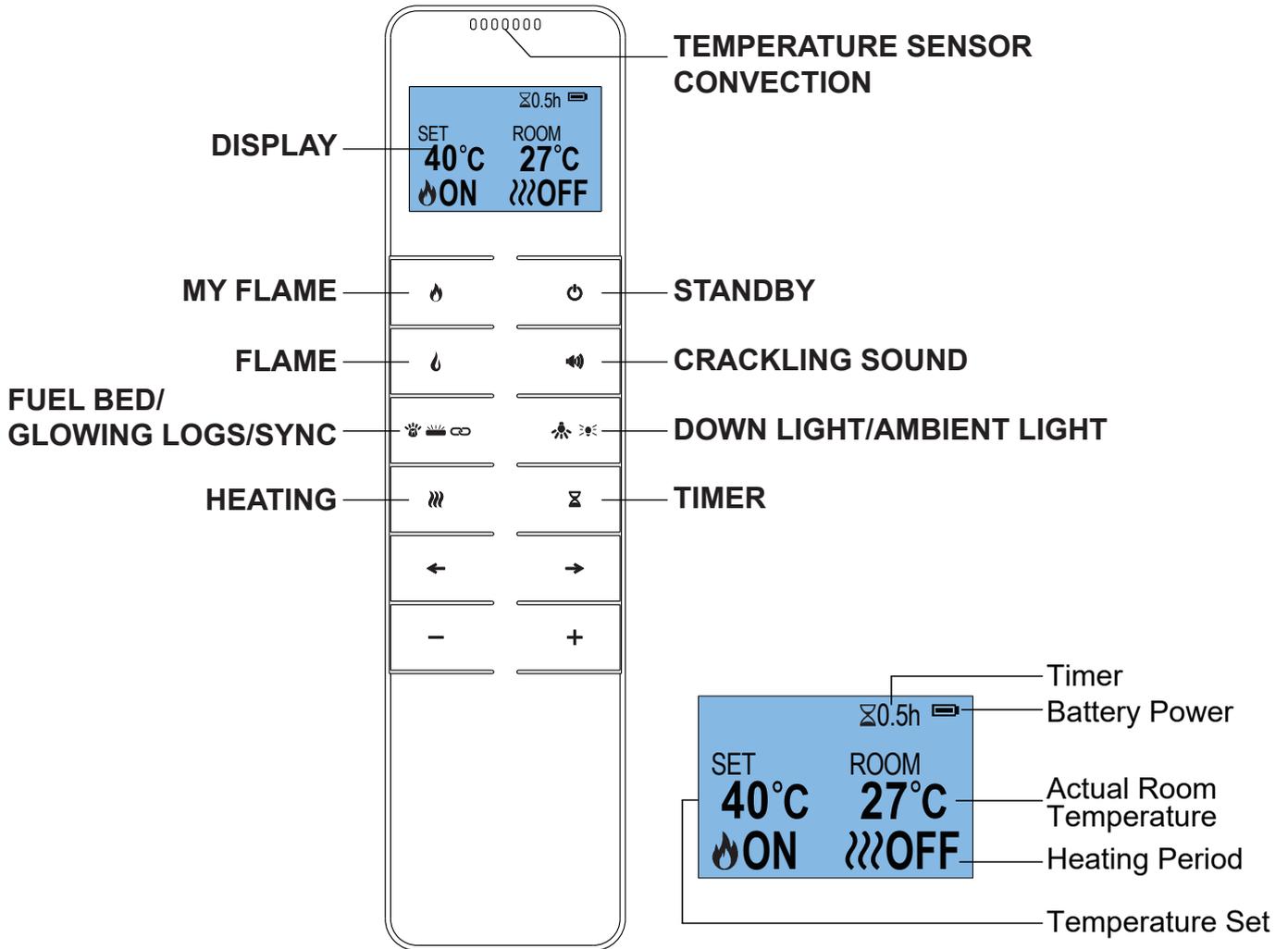
WIFI INDICATOR:

Indicate that the fireplace is in Network Setup Status.

HEATING INDICATOR:

Indicate the heating status.

6b. REMOTE CONTROL



NOTE: The remote control handset must be left in the same room as the appliance because it houses the thermostat that regulates heat output. Also, when using the APP, the remote must also be in same room and have batteries fitted and working to ensure accurate temperature control.

STANDBY

Press to turn on/off flame, downlight, and fuel bed effect.

MY FLAME

Repeatedly press to select 6 My Flame modes (+3 user defined presets if programmed).

There are 3 preset slots allocated for the user to save personalised. Simply choose the flame and fuel bed colour and brightness level, and downlight. Once you have selected your desired combination, press and hold the My Flame button for 3 seconds until the LCD displays My Flame save to 7. Press buttons to select a slot number between 7-9. Press and hold ' - ' or ' + ' the My Flame button for 3 seconds to confirm the preset.

FLAME

Press to enter the flame effect adjustment screen (5 settings).

Press the ' ← ' and ' → ' to select different flame colour;

Press the ' - ' and ' + ' to select 5 level of brightness.

CRACKLING SOUND

Press to open sound effect menu

Press ' - ' and ' + ' button to adjust 5 levels of volume.

FUEL BED/GLOWING LOG/SYNC

Press **once** to until  shows on the screen to enter the **fuel bed** setting mode.

Press the ' ← ' and ' → ' button to select 9 different fuel bed colours and OFF setting.(the ninth is the color cycle mode).

Press the ' - ' and ' + ' button to select the 5 levels of brightness.

Press **twice** until  shows on the screen to enter **glowing log** setting mode.

Press the ' ← ' and ' → ' button to select 9 different fuel bed colours and OFF setting.(the ninth is the color cycle mode).

Press the ' - ' and ' + ' button to select the 5 levels of brightness.

Press **thrice** until  shows on the screen to enter **Sync** mode.

Press the ' ← ' and ' → ' button to adjust the fuel bed effects and glowing logs effects simultaneously.

Press the ' - ' and ' + ' button to select the 5 levels of brightness.

DOWN LIGHT/AMBIENT LIGHT

Note: If mood lights are not connected, please ensure the brightness is set to zero.

Press **once** until  shows on the screen to enter the down light setting mode.

Press the ' ← ' and ' → ' button to select 2 different down light colours and OFF setting.

Press the ' - ' and ' + ' button to select 5 levels of brightness.

Press **twice** until  shows on the screen to enter the ambient light setting mode.

Press the ' ← ' and ' → ' button to select 13 different ambient light colours and OFF setting.(the thirteenth is the colour cycle mode).

Press the ' - ' and ' + ' button to select 5 levels of brightness.

HEATER

Press to cycle through heat output options LOW-HIGH-OFF-AUTO.

Press the ' ← ' and ' → ' button to adjust the temperature you want the room to reach from 5°C to 40°C.

To switch between °C/°F, hold down the ' - ' or ' + ' buttons for 3 seconds.

NOTE: It is normal for the fan heater to stop running for periods of time. This happens because the room temperature is at or above the temperature set on the remote control.

TIMER

NOTE: This setting is only for operating in normal mode. It allows the appliance to go into standby after a set period of time.

Press to cycle through the settings from 0.5 hours to 10 hours, and then OFF.

OPEN WINDOW DETECTION

Open Window Detection is an innovative eco feature that detects a rapid drop in room temperature caused by an open window. The warning word "oP" will be displayed on the remote display and the heater will be turned off. If the room temperature rises or the remote control is operated manually, the heater will return to its normal working state.

ADAPTIVE START CONTROL

Learning from the previous heating cycle enables the appliance to judge the appropriate advance time to turn on the heater to ensure that the set temperature is reached at the set time. For example, if your timer is set to start at 18:00 and temperature is set to 23°C, the fire may for example come on at 17:30 to ensure the room is 23°C at 18:00.

IMPORTANT SAFETY INFORMATION FOR REMOTE CONTROL

1. Two AAA alkaline batteries are required for the remote control;
2. Use the thumb press and push the bar figure on the back cover down simultaneously, then take out the cover and remove the battery or insert the battery, after this put the cover back to its body back;
3. This AAA alkaline battery (non-recharged) is not to be recharged;
4. Different types of batteries or new and used batteries are not to be mixed;
5. Batteries are to be inserted with the correct polarity;
6. Exhausted batteries are to be removed from the appliance and safely disposed of;
7. If the remote control is to be stored unused for a long period, the batteries should be removed;
8. The supply terminals are not to be short-circuited.

RESETTING THE THERMAL CUT OUT

The appliance is fitted with an Electronic Safety Control (E.S.). This is a safety device which switches off the fire if, for any reason, the appliance overheats, e.g. when covered. If the heater stops operating while the flame effect continues working normally, this indicates that the E.S. Control is in operation. The E.S. control can only be re-set after the appliance has cooled down, and the appliance has been reset. Resetting of the E.S. Control procedures are as follows :

1. Press button **STAND BY** on fire to turn off the appliance and leave it off for approximately 10-15 minutes.
2. Remove any obstruction to the fan heater outlet or fan blades etc. Make sure that the power supply is disconnected with the plug socket outlet while doing this.

3. Turn on the appliance and the E.S. Control will be reset.
4. Ensure that the appliance is functioning correctly. If the E.S. Control operates again. The appliance should be checked by a competent electrician.

6c. APP Control

Visit your APP store for IOS or Android to download the C&J smartFIRE APP. Or use the QR code below. Follow your devices on screen instructions to create an account. Once installed, follow the procedure below to pair the device with your appliance.

1. Start the APP and click “Add Device” on screen. Click “smartFIRE” , then select WiFi network and enter the password. Note, your device must also be connected to the same home network what you wish to connect the appliance to.
2. Ensure the appliance is powered on , then press and hold the Wi-Fi button on the appliance until you hear 3 beeps at bluetooth mode. At the same time, The indicator and the fuel bed will blink.
3. Follow the instructions on APP to choose the bluetooth mode and confirm the indicator is flashing. Click Next and Start to add the device.

If failed at bluetooth mode, try AP mode. Press the Wi-Fi button, you will hear 3 beeps, then keep pressing until you hear another 5 beeps to enter AP mode. and then Follow the instructions on APP to choose the AP mode and confirm the indicator is flashing. Click “Go to Connect” and choose a Wi-Fi called “SmartLife-XXX” and start to add the device.

We have created a very detailed APP Operation Instruction and videos to guide you through the process how to load down the APP, Create an account , Pair your appliance to your smart phone and operate the appliance. Scan the QR code on the next page or the one on the back of the remote to be taken to the operation instruction or the videos.



APP Download



APP Operation
Instruction and Videos

7. MAINTENANCE

WARNING

Before any maintenance or cleaning of the exterior of the appliance, the unit should be disconnected from the power supply remove supply plug from power socket or turn off and remove fuse from fused spur, wait until the appliance is cool.

REMOTE HANDSET BATTERY REPLACEMENT

Replace with two AAA batteries. Make sure the batteries are installed correctly in the remote control.

MAINTENANCE OF MOTORS

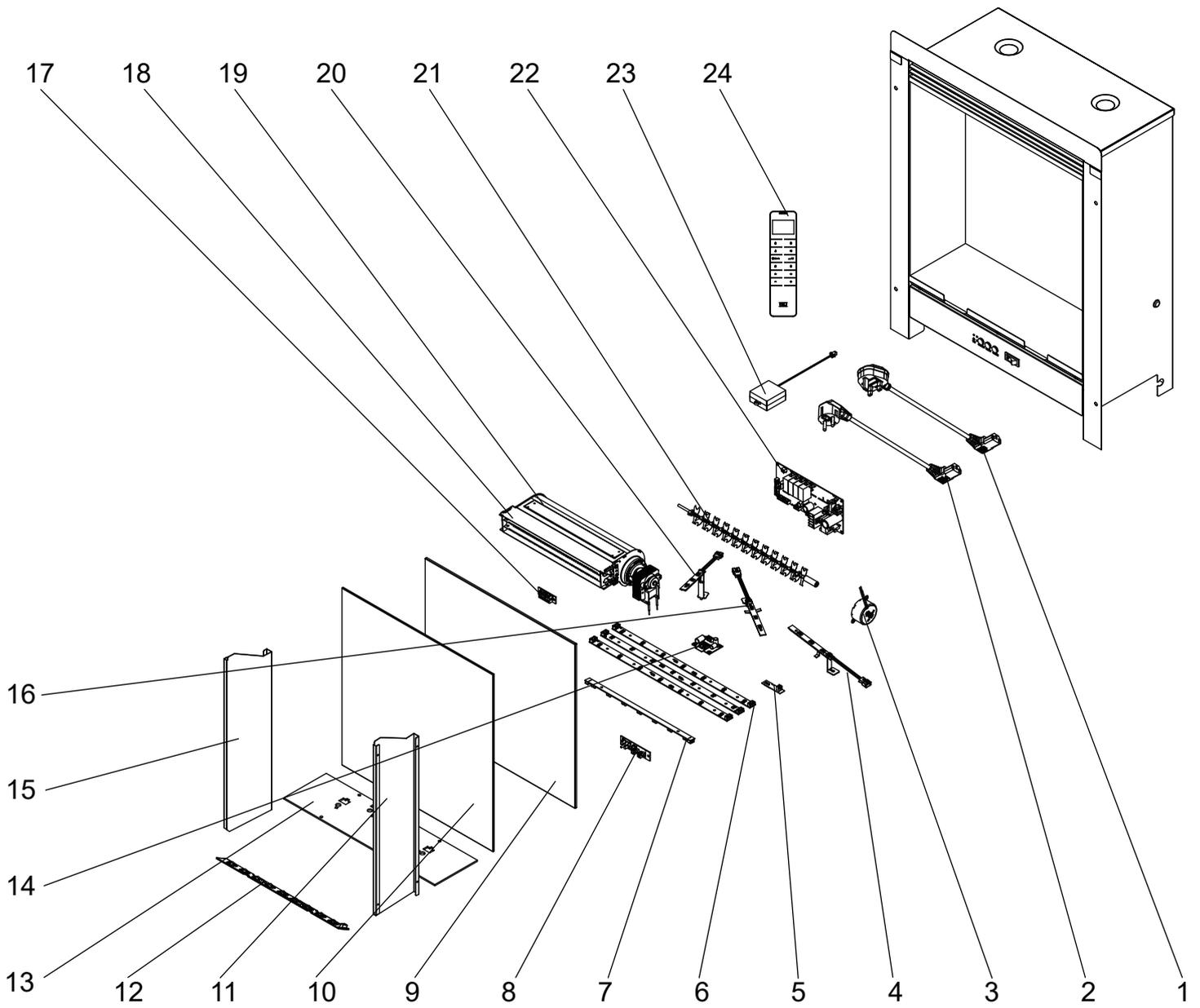
The motors used on the fan and flame effect are pre-lubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the fan/heater unit is recommended.

CLEANING THE FIREPLACE

You can clean the exterior of the fireplace with a soft, damp, lint-free cloth. **DO NOT** use cleaning or polishing products. To remove fingerprints or other marks on the front glass panel, use a soft, damp, lint-free cloth with a good quality household glass cleaner. The front glass panel should always be completely dried with a clean, lint-free cloth or paper towel.

WARNING! Abrasive cleaners should not be used on the glass panel. Liquids should not be sprayed directly onto any surface of the unit.

8. SERVICE PARTS LIST



No.	Item	Part No.	Quantity
1	Power Cord UK	10259	1
2	Power Cord EU	10260	1
3	Spindle Motor	10188	1
4	Log LED Bracket B	10263	1
5	Receiver Board	10282	1
6	Fuel Bed LED Board	10265	3
7	Down Light LED Board	10266	1
8	Control Panel	10261	1
9	Display Screen	10268	1
10	Front Glass	10269	1
11	Right Inner Side Panel	10271	1
12	Flame Effect LED Board	10272	1
13	Fuel Bed	10270	1
14	Receiver Board (WIFI)	10264	1
15	Left Inner Side Panel	10273	1
16	Log LED Bracket A	10262	1
17	Adapter Board	10274	1
18	Heater Unit	10275	1
19	Fan	10276	1
20	Log LED Bracket C	10277	1
21	Spindle	10278	1
22	PCB Board	10267	1
23	Speaker	10279	1
24	Remote Handset	9727	1

9. OTHERS

Environment

Meaning of crossed –out wheeled dustbin:



Electrical appliances should not be disposed as unsorted municipal waste. Separate collection facilities should be used in the disposal of electrical appliances. Contact your local government for the information about the available collection systems. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When old appliances are replaced by the new ones, it is a legal oblige for the retailer to take back the old appliance for disposals at least free of charge.



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 (S.I.2016/1101) 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 Electromagnetic Compatibility Regulations 2016(S.I.2016/1091). and the RED standards BS300220-2, BS301489-1,BS301489-3 and BS 6247 which covers the essential requirements of the European Radio Equipment Regulations 2017.

Charlton & Jenrick^{LTD}

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