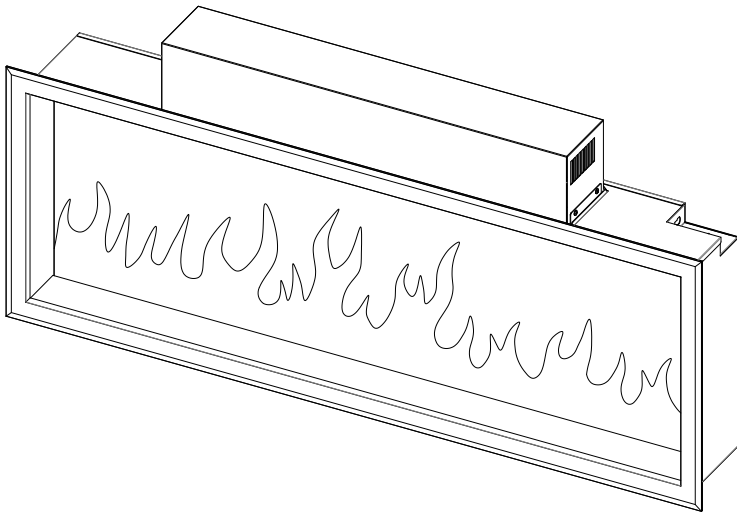


Built-in Fireplace

Model No.: E160R-E162R

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 in order 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: in order to avoid overheating, do not allow the appliance to be covered or let the air inlet/outlet become obstructed.
- 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.
- 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 has to 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. : E160R-E162R

Supply Voltage: AC230-240V 50Hz

Maximum power consumption: 2KW

Power for Flame Effect

E160R	E161R	E162R
12.0W	15.4W	20.9W

Power for Fuel Bed

E160R	E161R	E162R
7.6W	9.8 W	13.3W

Information requirement for electric local space heaters

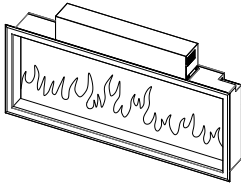
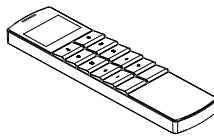
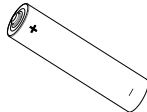
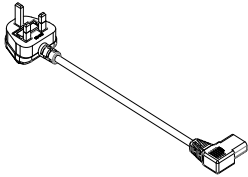
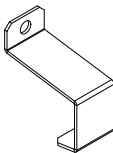
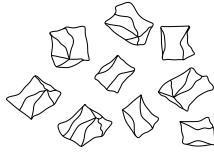
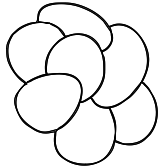
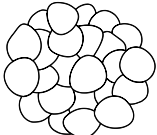
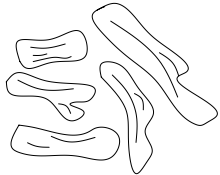
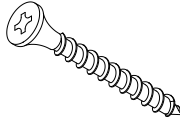
Power consumption	In idle mode	P_{idle}	1.56 W
	In network standby	P_{nsm}	1.56 W
	In off mode	P_O	0 W
	In standby mode	P_{sm}	N/A
	Standby mode with display of information or status		N/A
	Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	50.79%
Heat output	Nominal heat output	P_{nom}	1830-2000 W
	Minimum heat output	P_{min}	915 W
	Maximum continuous heat output	$P_{max,c}$	2000 W

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	NO
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	YES
With distance control option	YES
With working time limitation	NO
With black bulb sensor	NO
Adaptive start control	YES
Self-learning functionality	NO
Control accuracy	YES

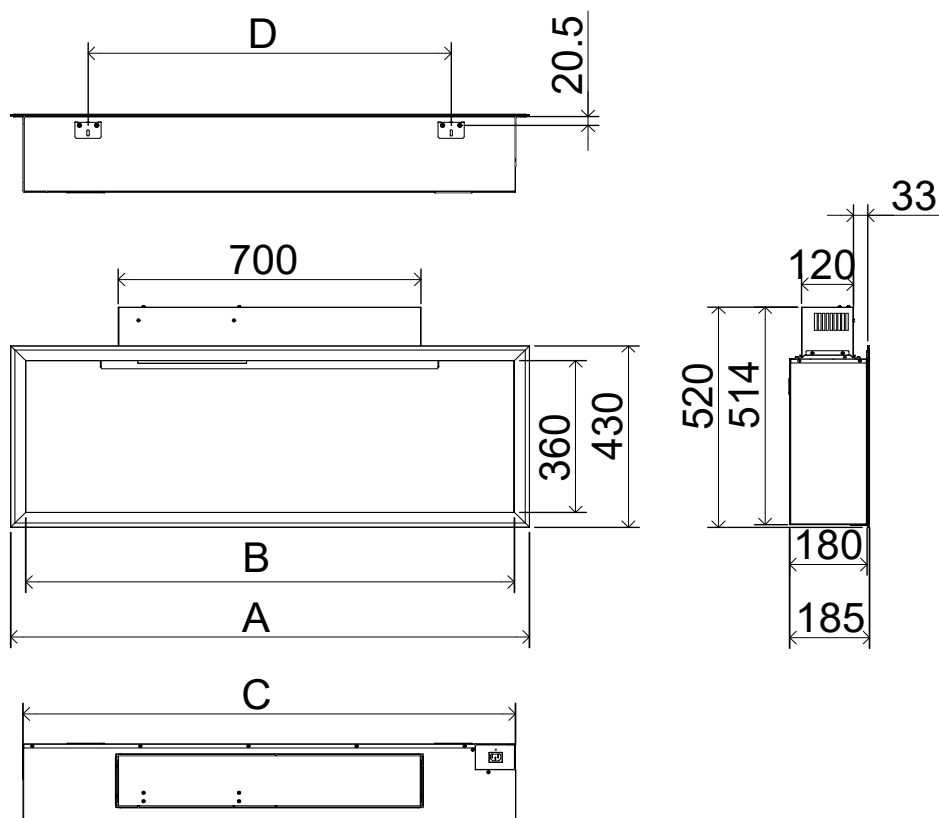
Control PCB	Remote Control Receiver	Remote Control Transmitter
Hardware: RC01-059C03 Software: V02.002	Hardware:RF290I V1.2	Frequency: ASK/OOK 433.92MHZ Maximum transmit power:10mW Hardware:RF290H.V2.0 Software: RCS19A01.V0.35

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.

A.  Firebox (1)	B.  Remote (1)	C.  AAA Battery (2)
D.  Power Cord (1)	E.  Power Cord Bracket (1)	F.  Crystal (1 set)
G.  Large Pebble (1 set)	H.  Small Pebble (1 set)	I.  Logs (1 set)
J.  ST4*8 Screw (1)	K.  ST4*40 Screw (6)	

4. APPLIANCE DIMENSIONS



Unit:mm

Model	A	B	C	D
E160R	1200	1130	1140	800
E161R	1500	1430	1440	1100
E162R	2000	1930	1940	1600

5. INSTALLATION INSTRUCTIONS

Tools Required

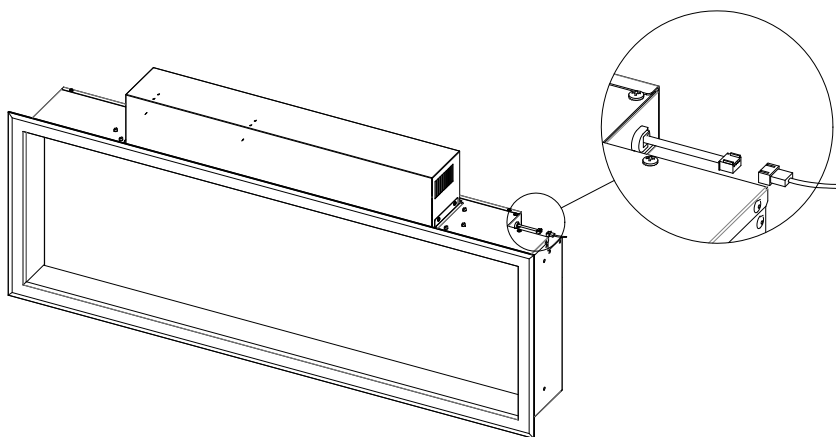
A screw driver will be needed.

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.

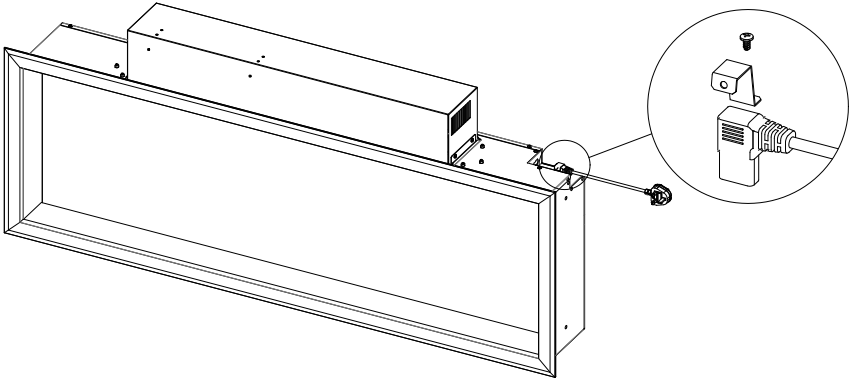
- For best results, install out of direct sunlight, water or very damp air.
- The appliance should be connected to an earthed electrical outlet and it must be easily accessible to allow disconnection.

5.1 Connect the mood light strip. The interface of the mood light strip is on the rear of the appliance, near the position of the power cord. Please also check the function after connecting the mood light.

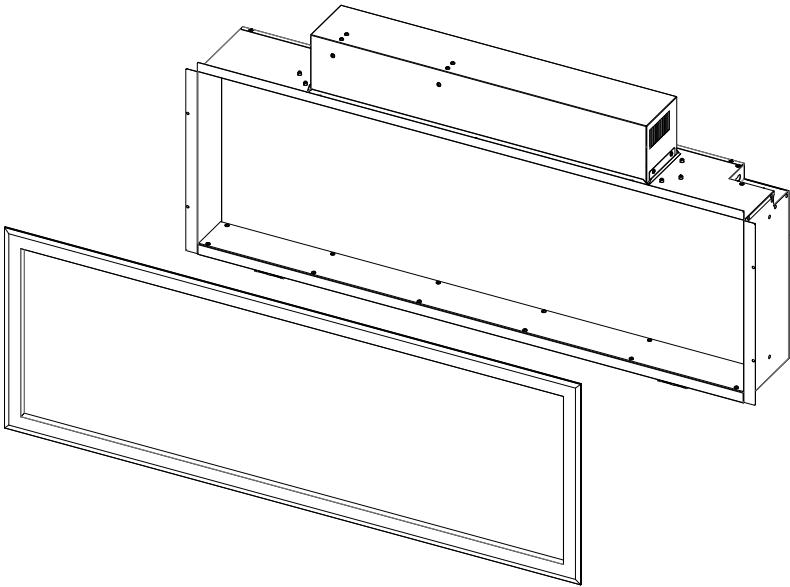


Note: compatible mood lighting devices are available from Appliance Development Services Ltd., other brands may not be suitable and void the warranty.

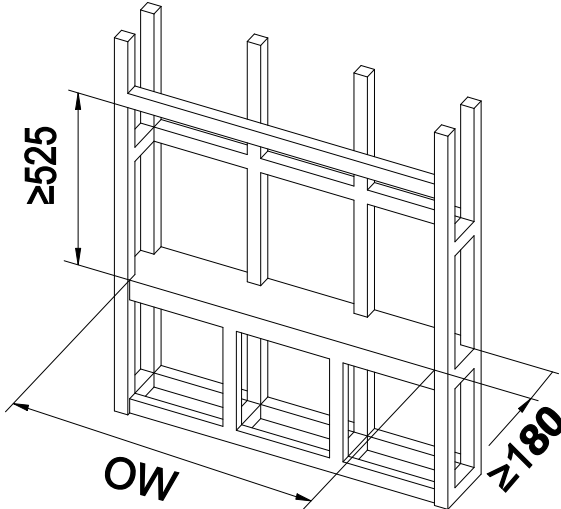
5.2 Insert the power cord into the socket on the top right side of the appliance, and secure the power cord bracket with one ST4*8 screw.



5.3 Remove the trim.



5.4 Prepare the framework as a general guide as shown in the picture below:

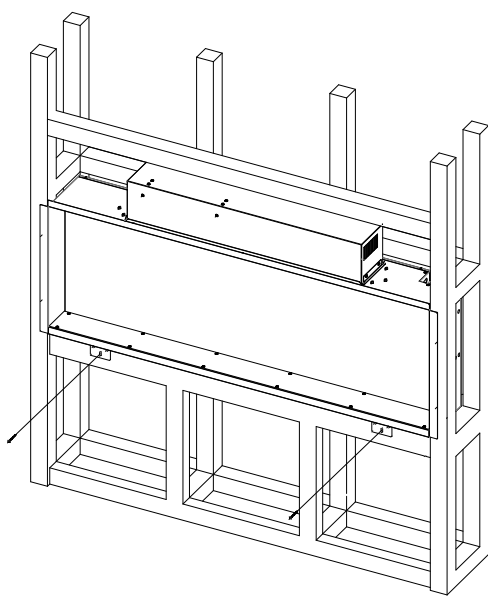


Unit:mm

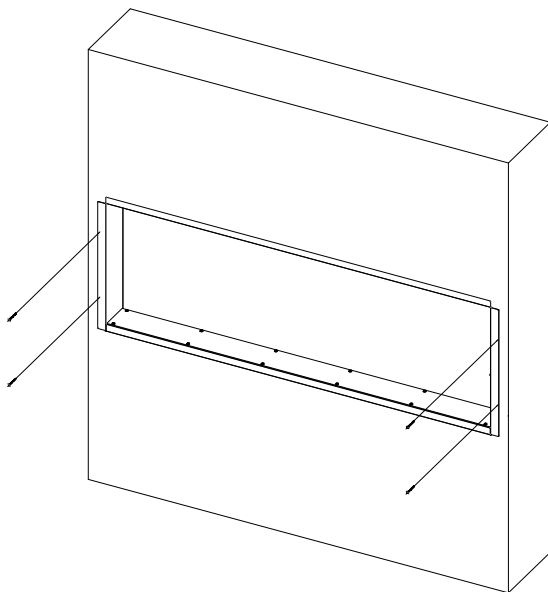
	OW
E160R	1150
E161R	1450
E162R	1950

NOTE: Ensure a firm flat surface for positioning of the appliance and secure fixing to avoid vibration and movement of the appliance after cladding.

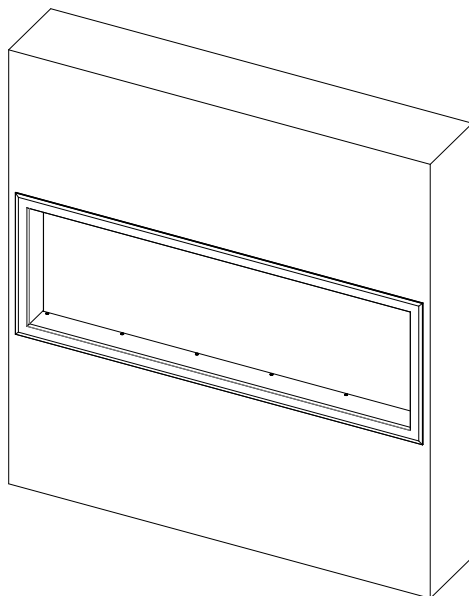
5.5 Insert the fireplace into the frame, and secure the mounting brackets at the bottom of the appliance with two ST4*40 screws.



5.6 Cladding the framework. Note: Hard surfaces can amplify sound. Consider adding some underlay or similar to the inside surface of the cladding. Then secure with four ST4*40 screws.



5.7 Install the trim back and decorate the fuel bed with logs, pebbles, and crystals provided along with the appliance.



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 main switch has been moved to the off position before disconnecting.

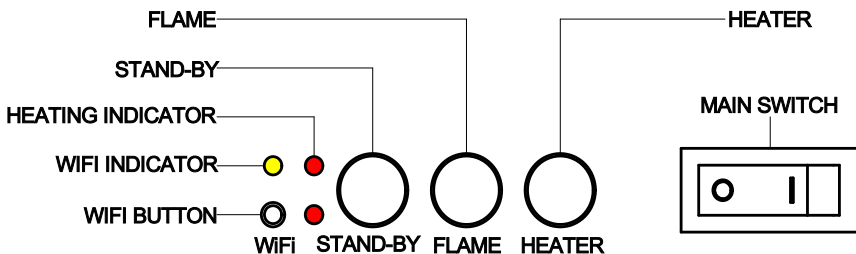
PREPARATION BEFORE USE

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

NOTE: To use both remote and manual functions the main switch must be in “I” position. In order to prevent the product becoming too hot, there is 10s delay when turning on the heater and a 10s delay when turning off the heater fan.

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

6a. MANUAL CONTROL PANEL



NOTE: The manual button controls basic functions, not a full range of controls. Use the remote handset or app to carry out all functions.

MAIN SWITCH

Press “I” to turn on the power and press “O” to turn off the power. A long beep indicates the power is on.

STAND-BY

Press to turn on the memorized flame/down light, fuel bed and mood light effects (if mood light strip exists) or turn off all functions at the same time after power is on.

FLAME

Press to cycle through 3 flame effects and off setting.

Long press “FLAME” for 3 seconds after power is on to enter or cancel the mute mode of the button sound. A short beep will be heard every time you press a button if the mute mode is canceled.

HEATER

Press to cycle through heat LOW/HIGH/OFF.

When the heater is on, if flame, fuel bed, and down light are working, the heater indicator will be off after 10 seconds, and if flame, fuel bed and down light are all off at the same time, the heater indicator will keep on.

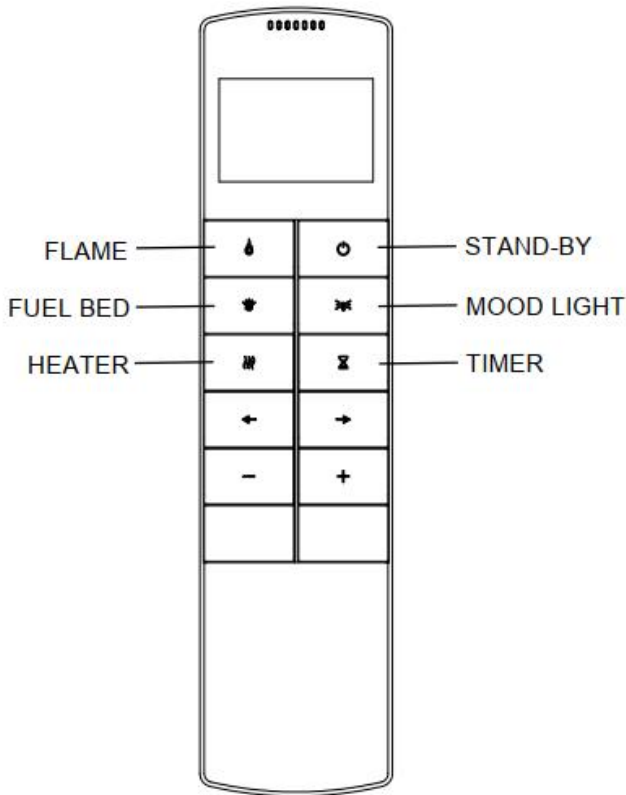
WIFI

Long press “HEATER” for 3 seconds after power is on, if two long beeps are heard, the WiFi signal is in good condition, otherwise there is weak or no WiFi signal.

Press “WiFi” to enter or cancel WiFi mode. When the WiFi indicator turns orange, the WiFi mode is on, if the WiFi indicator is off, the WiFi mode is off, and if the WiFi indicator flashes, the WiFi function is connecting.

NOTE: The controls on appliance will lose the memory for all function settings when the switch is set to the “O” Position.

6b. REMOTE CONTROL



NOTE: This is a thermostatic remote control. The remote should be in the same room as the fireplace and placed on a flat surface. It must be placed away from the fire so the hot air will not blow on it and affect the thermostatic reading.

STAND-BY

Press to turn on the memorized flame/down light, fuel bed and mood light effects (if mood light strip exists) or turn off all functions at the same time after power is on.

FLAME

Press to enter the flame effect adjustment mode.

Press “←” or “→” to cycle through 3 flame effects and off setting.

Press “+” or “-” to cycle through 5 levels of flame brightness and off setting.

FUEL BED

Press to enter the fuel bed effect adjustment mode.

Press “←” or “→” to cycle through 8 fuel bed effects, color looping setting and off setting.

Press “+” or “-” to cycle through 5 levels of fuel bed brightness and off setting.

MOOD LIGHT

This button is applicable when there is mood light strip installed.

Press to enter the mood light effect adjustment mode.

Press “←” or “→” to cycle through 13 mood light effects, color looping setting and off setting.

Press “+” or “-” to cycle through 5 levels of mood light brightness and off setting.

HEATER

Press to cycle through heat LOW/HIGH/OFF/AUT.

Press “+” and “-” to adjust temperature from 6°C-35°C/42°F-95°F.

TIMER

Press to cycle through 0.5H, 1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, 10H, and off setting.



Long press to switch between °C and °F.

Press to adjust corresponding flame, fuel bed and mood light effect.



Press to adjust corresponding flame, fuel bed and mood light brightness, or adjust temperature.

Set up the communication between the remote and appliance

The communication frequency between the fire and remote has already been set up.

Resetting the remote control is necessary if the appliance or the remote control do not operate correctly.

To do this:

- Open the back cover of the remote control.
- Press the Reset button on remote handset.

The steps below should be followed before programming, when changing to a new remote or the remote control is not correctly set up:

- Press the STAND BY button on the control panel for 3 seconds after power is on until you hear two long beeps.
- Then press the STAND BY button on the remote within 10 seconds. A long beep indicates that setting up the communication between the remote and appliance is done.
- If not, repeat the steps above.

6c.WIFI CONNECTION

Visit your device app store (iOS or Android) to download the TUYA SMART APP. Once installed, follow the procedure below to pair the device with your appliance:

Step 1: Start the app and click “Add Device” on screen. Select “Small Home Appliance” from the list, then select “Heater (Wi-Fi)”.

Step 2: Ensure the appliance is powered on and then choose EZ mode or AP mode for connection.

- EZ mode: Long press WiFi button for 3 seconds, you will hear 3 beeps and the fuel bed will flash red quickly.
- AP mode: Long press WiFi button for 3 seconds, you will hear 3 beeps, keep on pressing WiFi button for another 5 seconds, you will hear another 5 beeps and the fuel bed will flash red slowly.

Step 3: You will have 2 minutes for connection after fuel bed starts flashing, and once successfully connected, the WiFi indicator will be steady on orange and fuel bed will turn green, otherwise the fuel bed will turn blue. Just repeat the above steps for connection.

Once connected you can fully control your appliance.

You can also use Google Home or Amazon Alexa to command Tuya smart devices.
Below are the commands for reference.

Google Assistant Commands

NOTE: Use your "device name" in place of "my fireplace" below.

No.	Function	Commands in Manual
1	Fireplace On/Off	OK Google, turn on <my fireplace> OK Google, turn off <my fireplace>
2	Flame On/Off	OK Google, turn on flame on <my fireplace> OK Google, turn off flame on <my fireplace>
3	Heater On/Off	OK Google, turn on heater on <my fireplace> OK Google, turn off heater on <my fireplace>
4	Heater Low/High/Auto	OK Google, set heat mode to low OK Google, set heat mode to high OK Google, set heat mode to auto
5	Flame Colour	OK Google, set flame colour to 1 (or 2, 3) OK Google, set flame colour to off
6	Flame Brightness	OK Google, set flame brightness to 1 (or 2, 3, 4, 5)
7	Glowing Embers Colour	OK Google, set glowing embers colour to 1 (or 2, 3, 4, 5, 6, 7, 8, 9) OK Google, set glowing embers colour to off
8	Glowing Embers Brightness	OK Google, set glowing embers brightness to 1 (or 2, 3, 4, 5)
9	Ambient Light Colour	OK Google, set ambient light colour on <my fireplace> to 1 (or 2, 3, 4, 5, 6, 7, 8, 9) OK Google, set ambient light colour on <my fireplace> to off
10	Ambient Light Brightness	OK Google, set ambient light brightness on <my fireplace> to 1 (or 2, 3, 4, 5)
11	Timer	OK Google, set timer on <my fireplace> to 30 minutes (or 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 7 hours, 8 hours, 9 hours, 10 hours) OK Google, set timer on <my fireplace> to off
12	Set Room Temperature	OK Google, set <my fireplace> temperature to N Celsius (N=6-35) OK Google, set <my fireplace> temperature to N Fahrenheit (N=42-95)

Amazon Alexa Commands

NOTE: Use your "device name" in place of "my fireplace" below.

NOTE: 1. You can't set the timer by voice control for Alexa.

2. You should set temperature unit for Alexa.

No.	Function	Commands in Manual
1	Fireplace On/Off	Alexa, turn on <my fireplace> Alexa, turn off <my fireplace>
2	Flame On/Off	Alexa, turn on flame on <my fireplace> Alexa, turn off flame on <my fireplace>
3	Heater On/Off	Alexa, turn on heater on <my fireplace> Alexa, turn off heater on <my fireplace>
4	Heater Low/High/Auto	Alexa, set heat mode on <my fireplace> to low Alexa, set heat mode on <my fireplace> to high Alexa, set heat mode on <my fireplace> to auto
5	Flame Colour	Alexa, set flame colour on <my fireplace> to 1 (or 2, 3) Alexa, set flame colour on <my fireplace> to off
6	Flame Brightness	Alexa, set flame brightness on <my fireplace> to 1 (or 2, 3, 4, 5) Alexa, increase flame brightness on <my fireplace> Alexa, decrease flame brightness on <my fireplace>
7	Glowing Embers Colour	Alexa, set glowing embers colour on <my fireplace> to 1 (or 2, 3, 4, 5, 6, 7, 8, 9) Alexa, set glowing embers colour on <my fireplace> to off
8	Glowing Embers Brightness	Alexa, set glowing embers brightness on <my fireplace> to 1 (or 2, 3, 4, 5) Alexa, increase glowing embers brightness on <my fireplace> Alexa, decrease glowing embers brightness on <my fireplace>
9	Ambient Light Colour	Alexa, set ambient light colour on <my fireplace> to 1 (or 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Alexa, set ambient light colour on <my fireplace> to off

10	Ambient Light Brightness	Alexa, set ambient light brightness on <my fireplace> to 1 (or 2, 3, 4, 5) Alexa, increase ambient light brightness on <my fireplace> Alexa, decrease ambient light brightness on <my fireplace>
11	Set Room Temperature	Alexa, set <my fireplace> to N Celsius (N=6-35) Alexa, set <my fireplace> to N Fahrenheit (N=42-95)

Adaptive Start Control

According to room temperature and set temperature, the heater will automatically come on in time to heat the room to the set temperature 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 will come on at 17:30 to ensure the room is 23°C at 18:00.

Window Open Detection

When the remote control detects a rapid drop in room temperature, it will be identified as a window open, the warning icon will be displayed and the heating will be turned off automatically. The fire will return to normal working state once the warning has been overridden manually (by operating control panel, remote control or app).

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. Re-setting of the E.S. Control proceeds as follows:

Switch off the appliance (Manual On/Off switch) and leave it off for approximately 10-15 minutes.

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.

Switch on the appliance and the E.S. Control will be re-set.

Ensure that the appliance is functioning correctly. If the E.S. Control operates again, the appliance should be checked by a competent electrician.

7. MAINTENANCE

WARNING: Before any maintenance or cleaning of the exterior of the fireplace, the unit should be disconnected from the power supply until it is cool off.

Remote Handset Battery Replacement

To replace the battery:

- A. Slide battery cover open on the remote control.
- B. Correctly install 2 x AAA 1.5V standard batteries in the battery holder.
- C. Close the battery cover.

7.1 When the batteries are at full power, the battery symbol will show 

7.2 When the batteries are half full, the battery symbol will show 

7.3 When the batteries are out of power and need replacing immediately, the battery symbol will show 

7.4 Battery replacement is recommended after 1 year. Please replace all batteries of a set at the same time.

7.5 Dispose of old batteries at an appropriate recycling facility.

7.6 The batteries are 1.5V alkaline AAA batteries. Always purchase the right size and grade of battery most suitable for the intended use.

7.7 Clean the battery contacts and also those of the device prior to battery installation.

7.8 Ensure the batteries are installed correctly with regard to polarity.

7.9 Remove batteries from equipment which is not to be used for an extended period of time.

7.10 Remove used batteries promptly.

7.11 Do not mix old and new batteries.

7.12 Do not mix alkaline, standard(carbon zinc), or rechargeable(nicd, nimh,etc.) batteries.

7.13 The supply terminals are not to be short-circuited.

Cleaning the Fireplace

Cleaning or polishing products are not recommended. Fingerprints or other marks on the front glass panel can be removed by a piece of 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.

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

8. 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. 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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