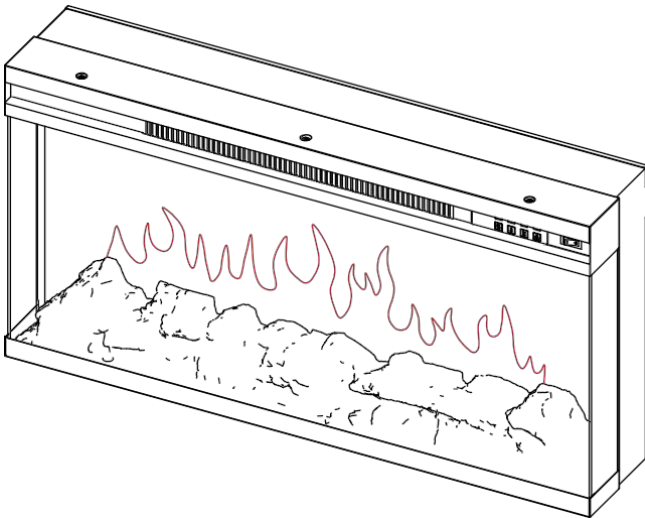




Electric Fire

Model No. K102

INSTALLATION AND OPERATION INSTRUCTIONS




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

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1. IMPORTANT SAFETY INFORMATION

- **Read all of the instructions carefully before using the appliance.**
- **For indoor use only.** This appliance is not suitable for use outside the house and **only suitable for well insulated spaces or occasional use.**
- Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use this fire as a free-standing appliance. It must always be fixed to the wall, fireplace mantel, floor etc.
- This fire must not be located immediately below or in front of a socket -outlet.
- This appliance must be earthed.
- 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.
- If the power cord is damaged, it must be repaired by the manufacturer, its authorized service centre or professional person in order to avoid a hazard.
-  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.
- To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 metre from the air outlet.
- Keep the power cords away from hot surfaces and hot conditions. Do not route the power lead in front of the appliance.
- Do not use this fire in rooms that have explosive gas in them (for example petrol), or if you are using solvents, glue, aerosol spray or in flammable paints, as these may catch fire.

- 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.
- Cleaning and user maintenance shall not be made by children without supervision.
- 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.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep the power plug accessible after installation for the purpose of isolation.
- Children of less than 3 years should be kept away unless continuously supervised or a fireguard is fitted .
- 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.	K102
Supply Voltage	AC 230-240V50Hz
Max Power Consumption	1830-2000W
Power for Flame & Fuel Bed	9W
Power for Mood Light	3W

Information requirement for electric local space heaters			
Power consumption	In idle mode	P_{idle}	0.34w
	In network standby	P_{nsm}	N/A
	In off mode	P_o	0
	In standby mode	P_{sm}	0.34W
	Standby mode with display of information or status		NO
	Seasonal space heating energy efficiency in active mode	$\eta_{s,on}$	94%
Heat output	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

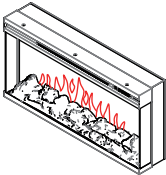
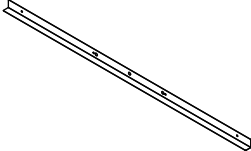

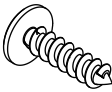


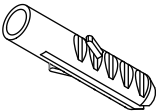
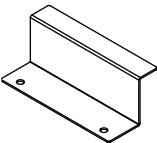
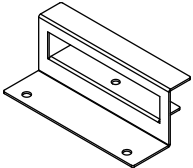
OTHER CONTROL OPTIONS

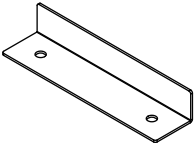
Room temperature control, with presence detection	No
Room temperature control, with open window detection	Yes
With distance control option	No
With adaptive start control	Yes
With working time limitation	No
With black bulb sensor	No
Self-learning functionality	No
Control accuracy	No

Control PCB	Remote Control Receiver	Remote Control Transmitter
Hardware: RC01-072D05 Software: V01.005	Hardware: RC02-091A	Frequency: 38kHz carrier for IR Maximum transmit power:10mW Hardware: CA18467 Software: LJV10-LC03

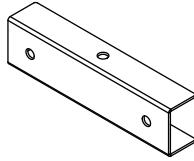
3. PARTS AND HARDWARE

- 3.1 Unpack the fire carefully and 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 your retailer.
- 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 Ensure that all parts are removed from the packaging.

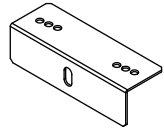
 <p>Firebox (1 PC)</p>	 <p>Air Vent Baffle (1 PC)</p>	 <p>ST4*8 Screw (Self Tapping) (8 PCS)</p>
 <p>ST4*12 Screw (2 PCS)</p>	 <p>ST4*8 Screw (Pan Head) (4 PCS)</p>	 <p>ST5*40 Screw (14 PCS)</p>
 <p>Wall Plug Φ 8*40 (14 PCS)</p>	 <p>Lower Trim Brackets (2 PCS)</p>	 <p>Lower Suite Brackets (2 PCS)</p>



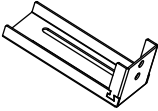
Upper Trim Brackets
(2 PCS)



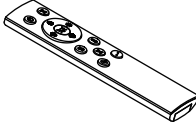
Upper Trim Brackets
(2 PCS)



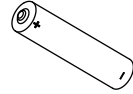
Mounting Bracket
(2 PCS)



Mounting Bracket
(2 PCS)



Remote
(1 PC)



AAA Battery
(2 PCS)



Left Side Panel
(1 PC)



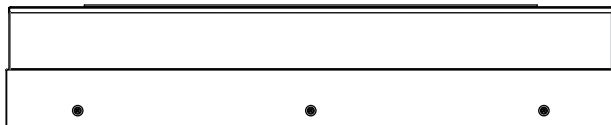
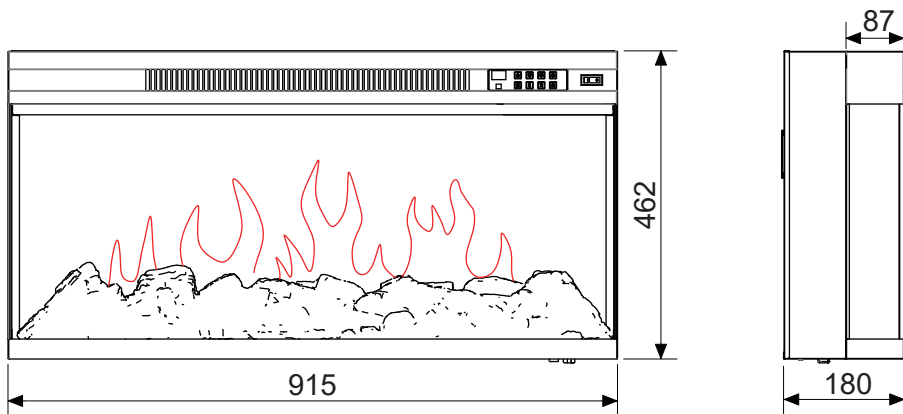
Right Side Panel
(1 PC)



Instruction Manual
(1 PC)

4. APPLIANCE DIMENSIONS

unit : mm



5. INSTALLATION INSTRUCTIONS

5.1 PREPARATION BEFORE INSTALLATION

TOOLS REQUIRED

A screwdriver, a spirit level and drill will be needed.

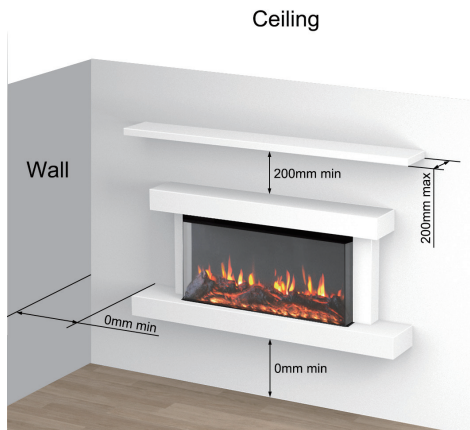
LOCATE THE APPLIANCE

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

- 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.
- For best result, 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.

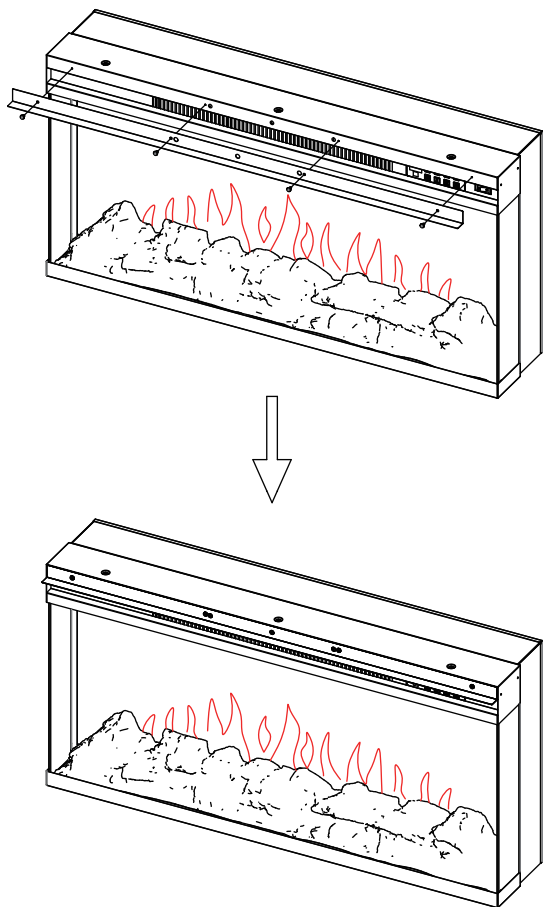
MINIMUM CLEARANCE TO COMBUSTIBLE

Sides	0
Floor	0
Back	0
Front	1000mm Minimum
Top (Mantel or TV)	200mm Minimum

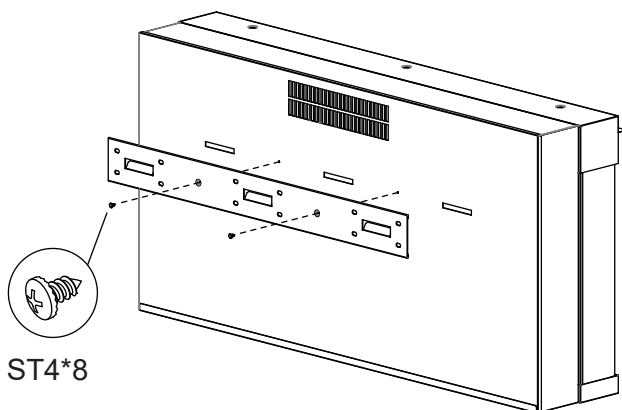


WALL MOUNTED

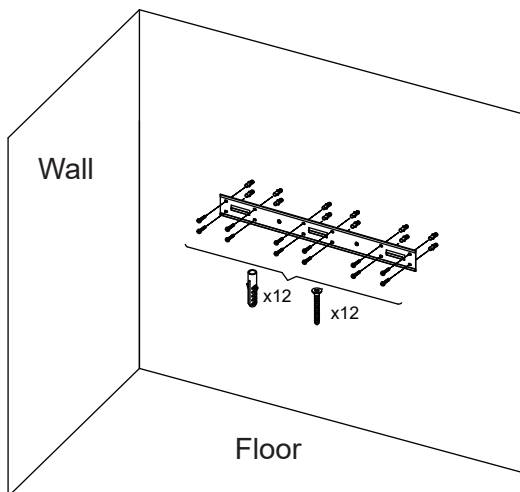
Fix the air vent baffle on the top of the appliance by using 4 PCS ST4*8 screws (self tapping).



Remove the 2 PCS ST4*8 screws (self tapping) that fixed on the wall mounted bracket.

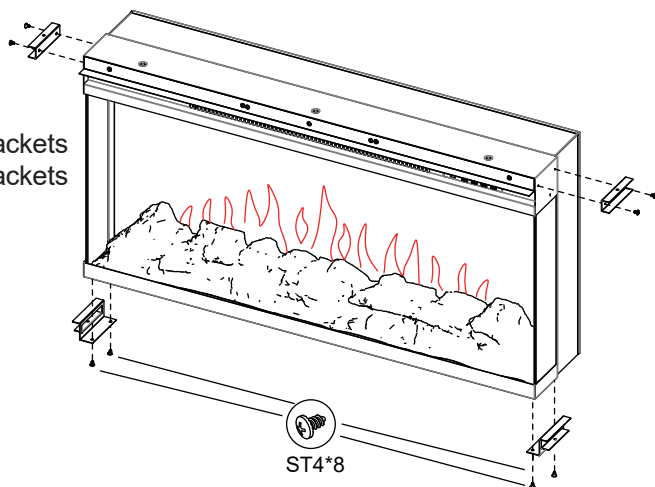


Mark the hole position of the mounting brackets, remove the bracket from the wall, drill holes on marked positions. Insert 12 PCS wall plugs and fix with ST5*40 screws with the bracket.

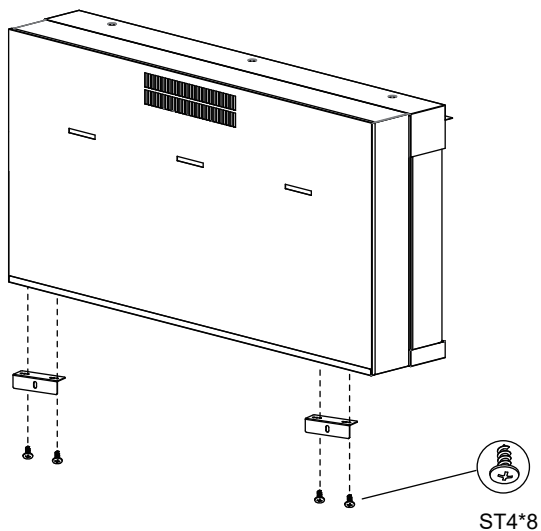


Remove the 8 PCS ST4*8 (pan head) screws from the corresponding position on the appliance, select the appropriate brackets, re-fix them onto the furnace core using the screws.

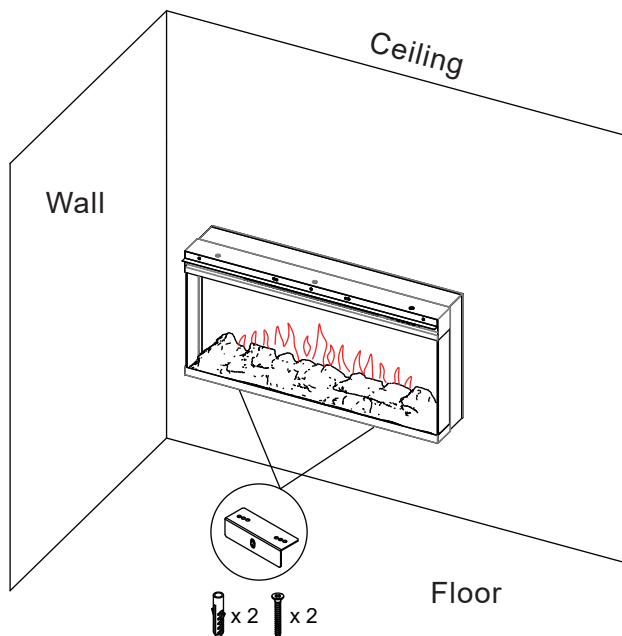
2 PCS Upper Suite Brackets
2 PCS Lower Suite Brackets



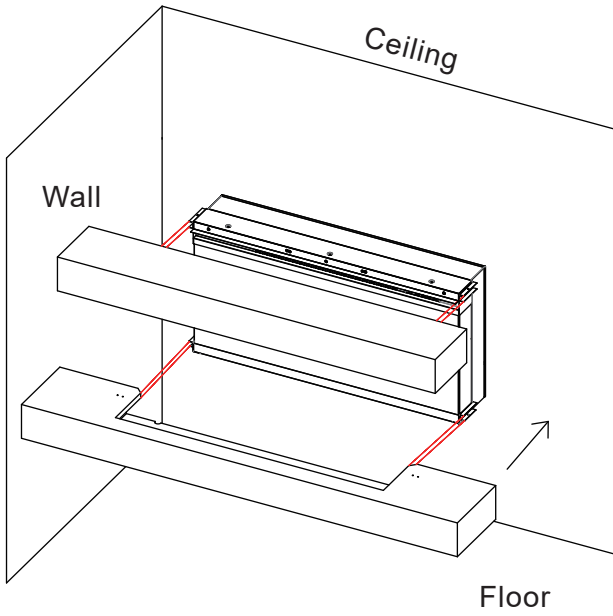
Use 4 PCS ST4*8 screws to fix the fixing bracket at the bottom of the appliance.



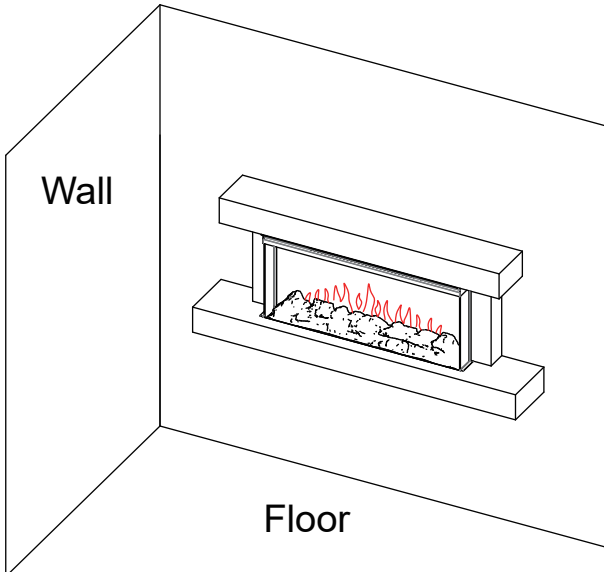
Attach the appliance on the wall and mark the position of the fixing bracket. Take down the appliance and drill the holes at the marked position. Insert the wall plugs and put the appliance back onto the wall. Fix the appliance with the brackets using 2 PCS ST5*40 screws.



Insert the top and bottom mantel onto the fire.



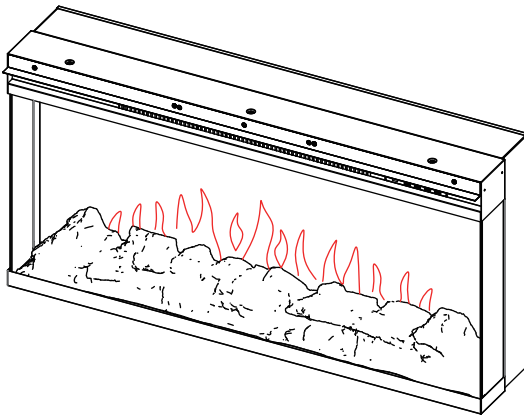
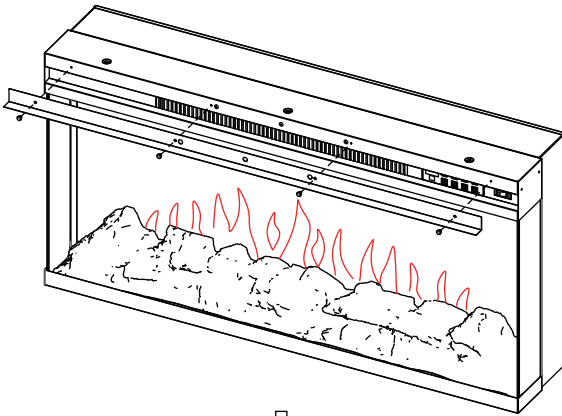
Place the side pillar to both sides of the fire.



BUILT IN

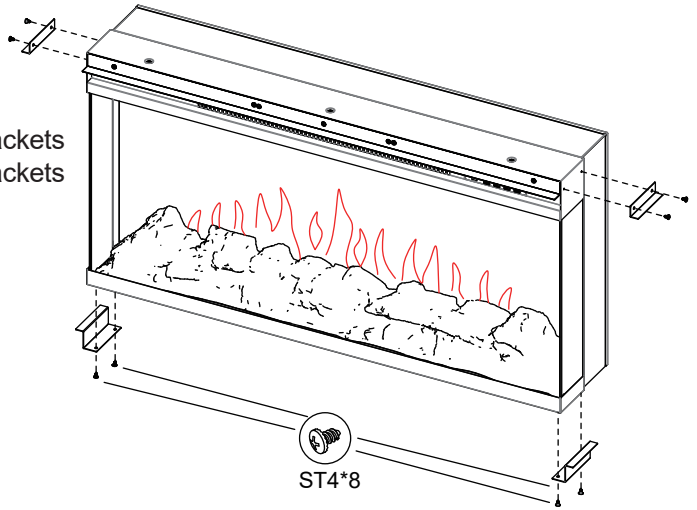
Note: Consideration should be given to ensuring that any “BUILT IN” or “CUSTOM INSTALLATION” provides an arrangement that enables the complete removal of the appliance should any service or warranty work be necessary.

Fix the air vent baffle on the top of the appliance by using 4 PCS ST4*8 screws.

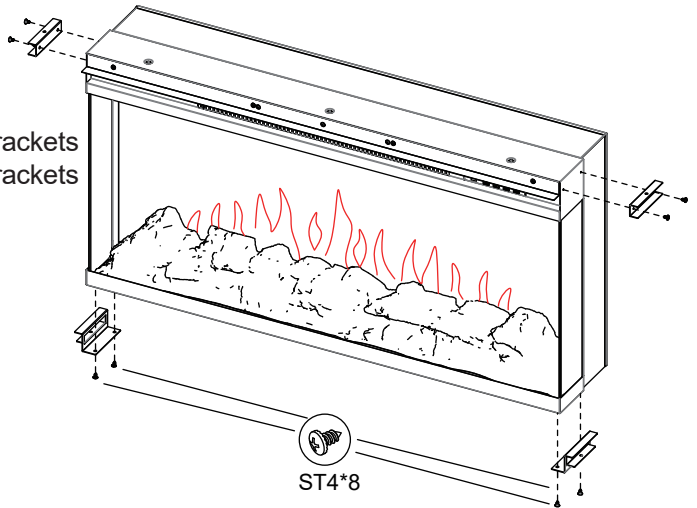


Remove the 8 PCS ST4*8 screws from the corresponding position on the appliance, select the appropriate brackets, refix them onto the furnace core using the screws.

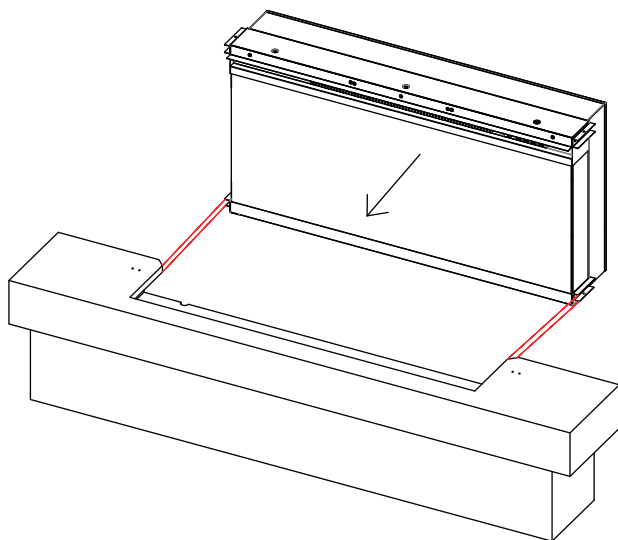
2 PCS Upper Trim Brackets
2 PCS Lower Trim Brackets



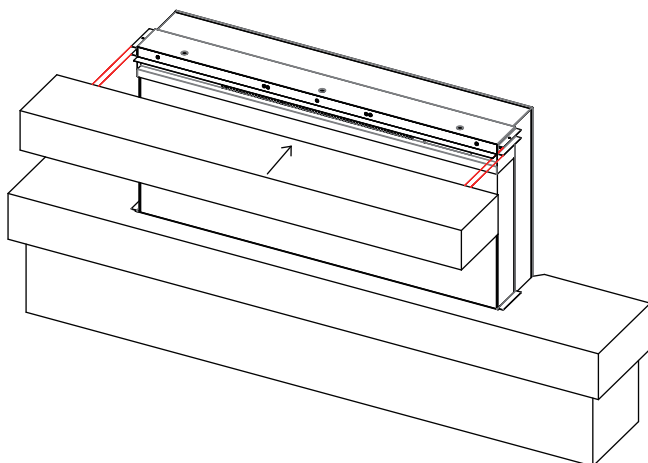
2 PCS Upper Suite Brackets
2 PCS Lower Suite Brackets



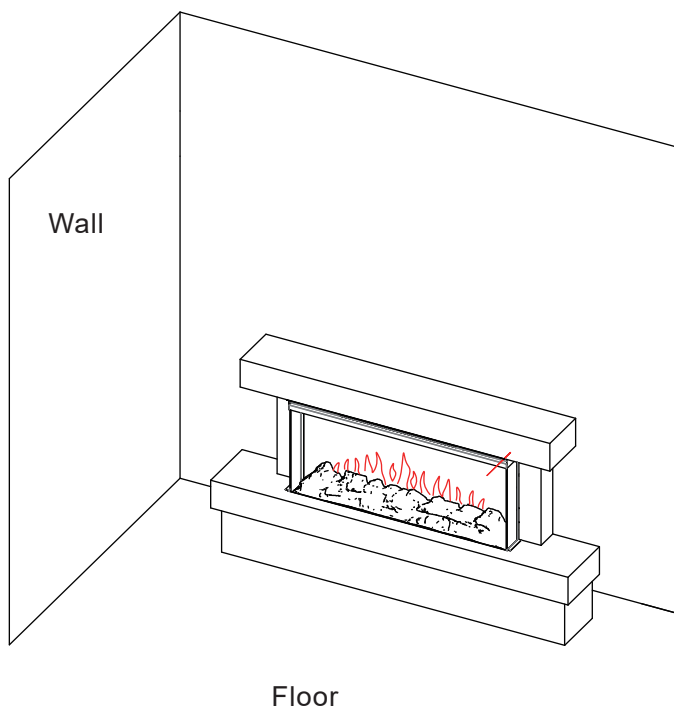
Put the appliance to the bottom of the mantel.



Install the top mantel onto the top of the appliance.



Place the side pillar to both sides of the fire and push them to the correct place.



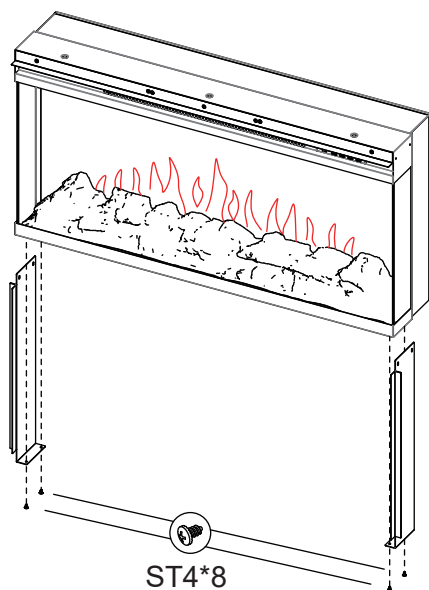
Custom Installation

Note: Consideration should be given to ensuring that any “BUILT IN” or “CUSTOM INSTALLATION” provides an arrangement that enables the complete removal of the appliance should any service or warranty work be necessary.

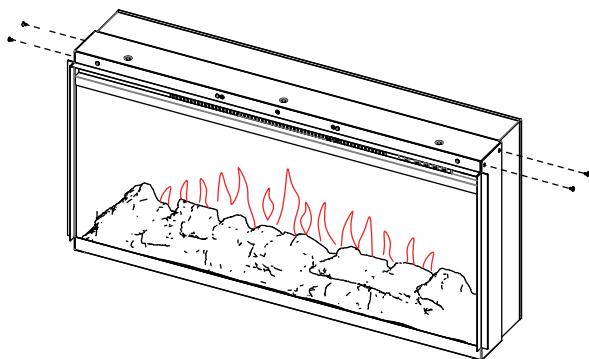
The K102 has been designed so that it can be fitted into a masonry wall or a custom built studwork enclosure.

The heater should ideally be fitted into/onto an internal flat wall constructed from either studwork and plasterboard block/brick. Please ensure that suitable fixings are used when securing to any hollow or purpose built cavity.

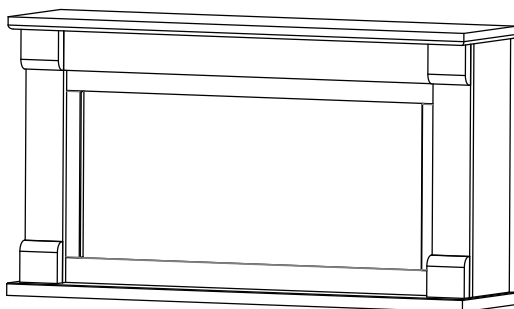
Remove 8 PCS ST4*8 screws on the corresponding position, fix the side panel kit at the bottom of the appliance showing below via using 4 PCS ST4*8 screws supplied.



Fix the side panel kit on the both sides of the appliance via using 4 PCS ST4*8 screws supplied.



Install fire from the back of mantel.



6. OPERATING INSTRUCTIONS

WARNING!

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

WARNING!

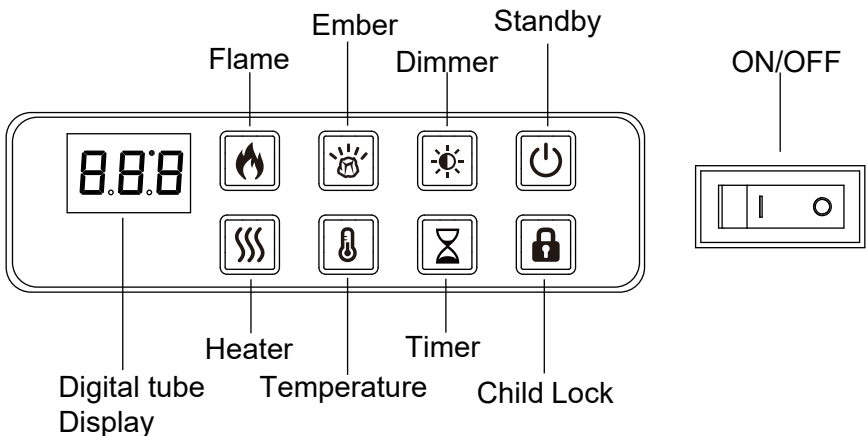
To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 metre from the air outlet.

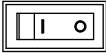



MAKE SURE the plug fits tight in the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat.




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 is in the off position before disconnecting.

The appliance can be operated conveniently in 2 different ways: manually using switches on appliance or via the remote-control handset.

6a. MANUAL CONTROL PANEL



Name	Function	Product display
 <p>ON/OFF</p>	<p>Press “I” to turn on the power and press “O” to turn off the power.</p>	<p>A long beep indicates the power is on.</p>
 <p>Standby</p>	<p>Press to turn on the flame, fuel bed and backlight or to turn off all functions and memorize the flame, ember, backlight effects and setting temperature.</p>	
 <p>Flame</p>	<p>Press once to enter the flame query state. Keep pressing to cycle through 12 flame effects and off setting.</p>	<p>LCD displays F.01,F.02,... F.12,F.00.</p>
 <p>Ember</p>	<p>Press once to enter the ember query state. Keep pressing to cycle through 12 ember effects and off setting.</p>	<p>LCD displays E.01,E.02, ... E.12,E.00.</p>

 <p>Dimmer</p>	<p>Press once to current setting. Keep pressing to cycle through 5 levels of flame/ember brightness.</p> <p>When LCD displays backlight function, press once to enter the backlight brightness query state. Keep pressing to cycle through 5 levels of backlight brightness.</p>	<p>LCD displays br.5, br.4,...br.1 (flame/ ember brightness) or bb.5, bb.4, ... bb.1 (backlight brightness) and temperature.</p>
 <p>Heater</p>	<p>Press once to enter the heater query state, keep pressing to cycle through Heat Low/ High /OFF.</p> <p>Heater can be turned on without flame.</p>	<p>LCD displays H.Lo,H.HI and H.oF.</p> <p>LCD will keep on,displaying H.Lo or H.HI accordingly.</p>
 <p>Temperature</p>	<p>Press to cycle through 60 °F - 84°F , 99°F (16°C - 28°C ,58 °C), totally 14 settings.</p> <p>Long press 3s to change between °F and °C .</p> <p>When digital tube doesn't display temperature, pressonce to query the current setting temperature.</p>	<p>LCD displays the corresponding temperature.</p>

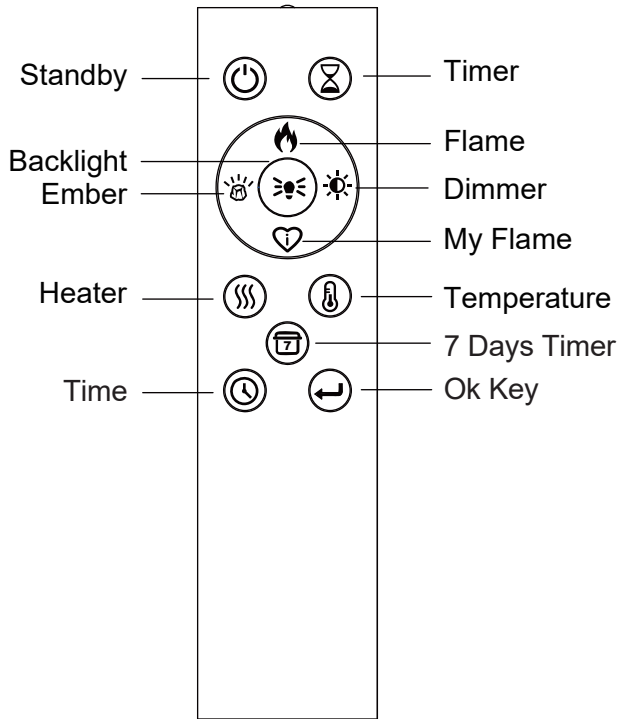




Timer






Press to cycle through off, 0.5H, 1H, 2H...9H, totally 11 settings.
When the timing ends, the product will enter the standby state.





LCD displays the corresponding time.

6b. REMOTE CONTROL



Button	Function	Product display
 7 Days Timer	Press to Turn on/off 7 days timer; Hold the button to start the setting for 7 days timer. 7 days timer and timer do not work at the same time.	Turn on: 7d Turn off:-d
 Time	Press to set up the heating start and end time under 7 days timer; Hold the button to set current time.	The number shows on the screen.

 Standby	Press to turn on the flame, fuel bed and backlight or to turn off all functions and memorize the flame, ember, backlight effects and the setting temperature.	LCD displays current temperature.
 Flame	Press once to enter the flame query state. Keep pressing to cycle through 12 flame effects and off setting.	LCD displays F.01,F.02,... F.12,F.00.
 Ember	Press once to enter the ember query state. Keep pressing to cycle through 12 ember effects and off setting.	LCD displays E.01,E.02, ... E.12,E.00
 Dimmer	Press once to current setting. Keep pressing to cycle through 5 levels of flame/ember brightness. When LCD displays backlight function, press once to enter the backlight brightness query state. Keep pressing to cycle through 5 levels of backlight brightness.	LCD displays br.5, br.4,...br.1 (flame/ember brightness) or bb.5, bb.4, ... bb.1 (backlight brightness) and temperature.
 My Flame	After power-on: Short press to enter the My Flame state. Short press again to return to the previous state. Long press to set the current state as My Flame.	No display.

 Timer	Press to cycle through off, 0.5H, 1H,2H...9H. When the timing ends, the product will enter the standby state.	LCD displays the corresponding time
 Heater	Press once to enter the heater query state, keep pressing to cycle through Heat Low/ High /OFF. Heater can be turned on without flame.	LCD displays H.Lo,H.HI and H.oF. LCD display will keep on, displaying H.Lo or H.HI accordingly.
 Temperature	Press to cycle through 60 °F - 84°F , 99°F (16 °C -28 °C ,58 °C), totally 14 settings. Long press 3s to change between °F and °C . When digital tube doesn't display temperature, press once to query the current setting temperature.	LCD displays the corresponding temperature.
 Backlight	Press to cycle through 12 colors and backlight lighting off.	LCD displays b.01,...b.12, b.00(off).

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.

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.

Set Up the 7 Days Time

- Hold the button  on the remote until the 7 days timer indicator on the firebox flashes to enter 7 days timer setting mode.
- D1(Monday) will show on the display and then press  to confirm; then 00 will show on the display. Press button  to set the time for turning on the heater and then press  to confirm; The 00 will show on the display, press  to set the time for turning off the heater and then press  to confirm. **PLEASE NOTE: There is only one period each day for heating on and off.**
- Repeat the steps above to set the timer for D2 to D7 (Tuesday to Sunday). The display on fire will show the time for turning on and off the heater as same as the time of last day. If you want to change the time, press the button .
- If you don't want to set for a certain day, just set both start and end time as 00.
- Hold 7 days timer button to  save all settings after you finish the setting for Sunday. The indicator will stop to flash.

- The weekly timer will be set only when you finish the setting from Monday to Sunday completely. During the setting process, the pause of more than 20 seconds will terminate the entire weekly timer setting.

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 appliance 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.

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. 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.



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 5501 4-1; 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 BS6247 which covers the essential requirements of the European Radio Equipment Regulations 2017.



478-480 Durham Way North, Aycliffe Industrial Park, Newton Aycliffe, Co.
Durham DL 56HP

Tel: (01325) 379060 Fax: (01325) 309120

www.katell.co.uk

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