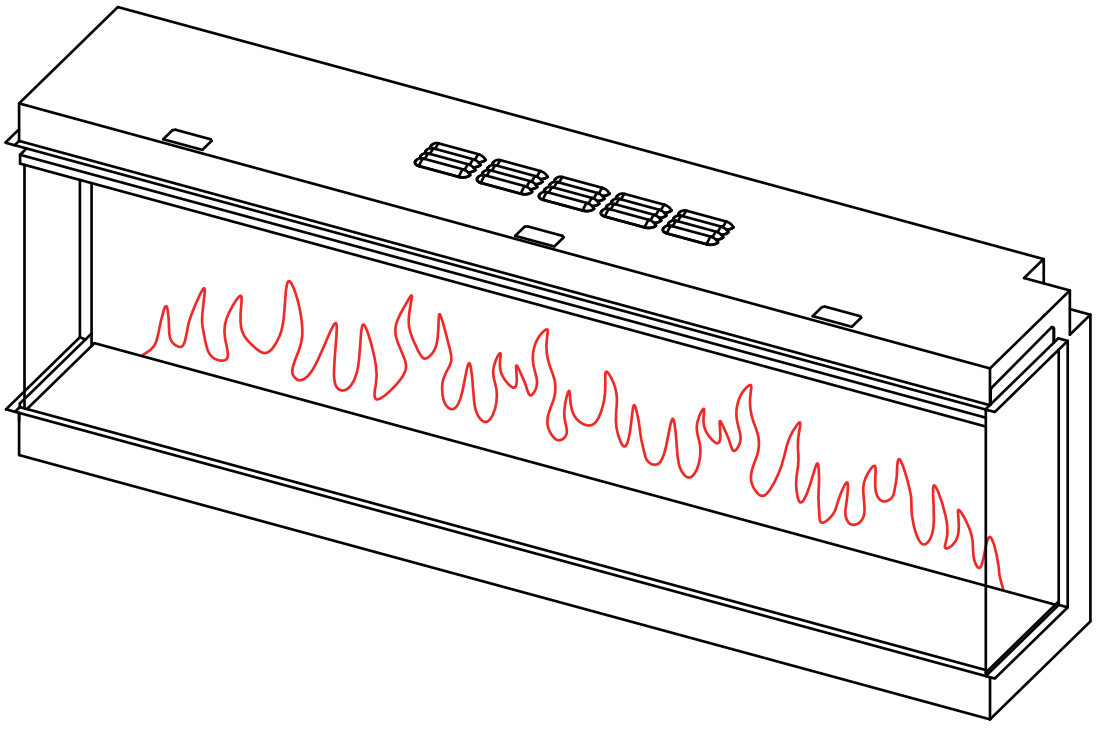
ELECTRIC FIREPLACE

OPERATION & INSTALLATION MANUAL

MODEL NO:

EF657A/EF658A/EF659A/EF660A/EF661A/EF751A/EF752A



IMPORTANT SAFETY INFORMATION

1.1 **Read all of the instructions 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 This fire must not be located immediately below or in front of a socket outlet. This appliance must be earthed.

1.5 This appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by utility in order to avoid a hazard due to the inadvertent resetting of the thermal cut out.

1.6 If the power cord is damaged, it must be repaired by the manufacturer, its authorized service centre or professional person.

1.7  The figure in the marking is **''DO NOT COVER''**

1.8 WARNING! In order to avoid overheating, do not allow the appliance to be covered or let the air inlet/outlet become obstructed.

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

1.10 Keep the power cord away from hot surfaces and hot conditions. DO NOT route the power lead in front of the appliance.

1.11 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 flammable paints, as these may catch fire.

1.12 This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental.

1.13 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.

1.14 Caution: some part of this appliance can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

1.15 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.

1.16 Cleaning and user maintenance shall not be made by children without supervision.

1.17 This appliance shall not be played with by children.

1.18 Children of less than 3 years should be kept away unless continuously supervised.

1.19 Children aged from 3 years and less than 8 years shall not plug in, regul ate and clean the appliance or perform user maintenance.

1.20 **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

1.21 Keep the power plug accessible after installation.

1.22 **DO NOT** use if there are visible signs of damage to the appliance.

1.23 **DO NOT** use this heater if it has been dropped.

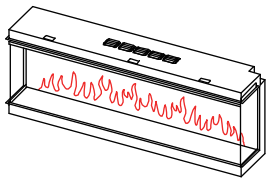
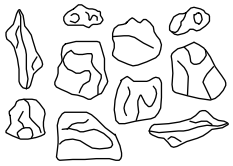
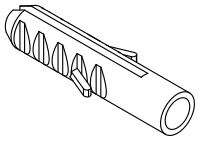
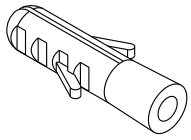
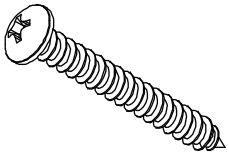
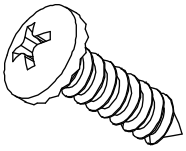
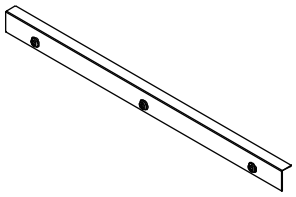
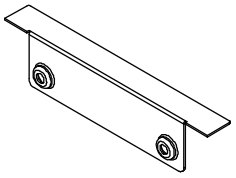
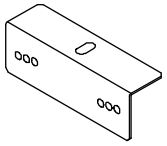
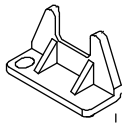
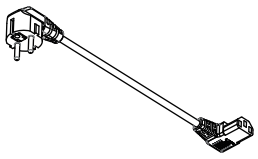
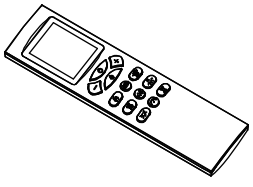
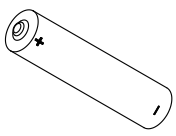
1.24 Use this heater on a horizontal and stable surface, or fix it to the wall, as applicable.

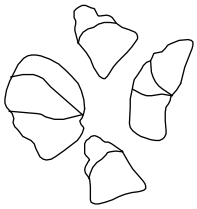
TECHNICAL SPECIFICATIONS

Contact details						
Model identifier(s): **EF657A/EF658A/EF659A/EF660A/EF661A/EF751A/EF752A**						
Item	Symbol	Value	Unit		Item	Unit
Heat output					**Type of heat output / room temperature control (select one)**	
Nominal heat output	P_{nom}	1.26-1.5	kW		single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	0.63	kW		two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	$P_{max,c}$	1.5	kW		with mechanic thermostat room temperature control	[no]
Power consumption					with electronic room temperature control	[yes]
In off mode	P_o	N/A	W		electronic room temperature control plus day timer	[yes]
In standby mode	P_{sm}	N/A	W		electronic room temperature control plus week timer	[yes]
In idle mode	P_{idle}	1.5	W		**Other control options (multiple selections possible)**	
In network standby	P_{nsm}	1.5	W		room temperature control, with presence detection	[no]
Standby mode with display of information or status			[no]		room temperature control, with open window detection	[yes]
Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	98	**%**		distance control option	[yes]
					adaptive start control	[yes]
					working time limitation	[no]
					black bulb sensor	[no]
					self-learning functionality	[no]
					control accuracy	[yes]

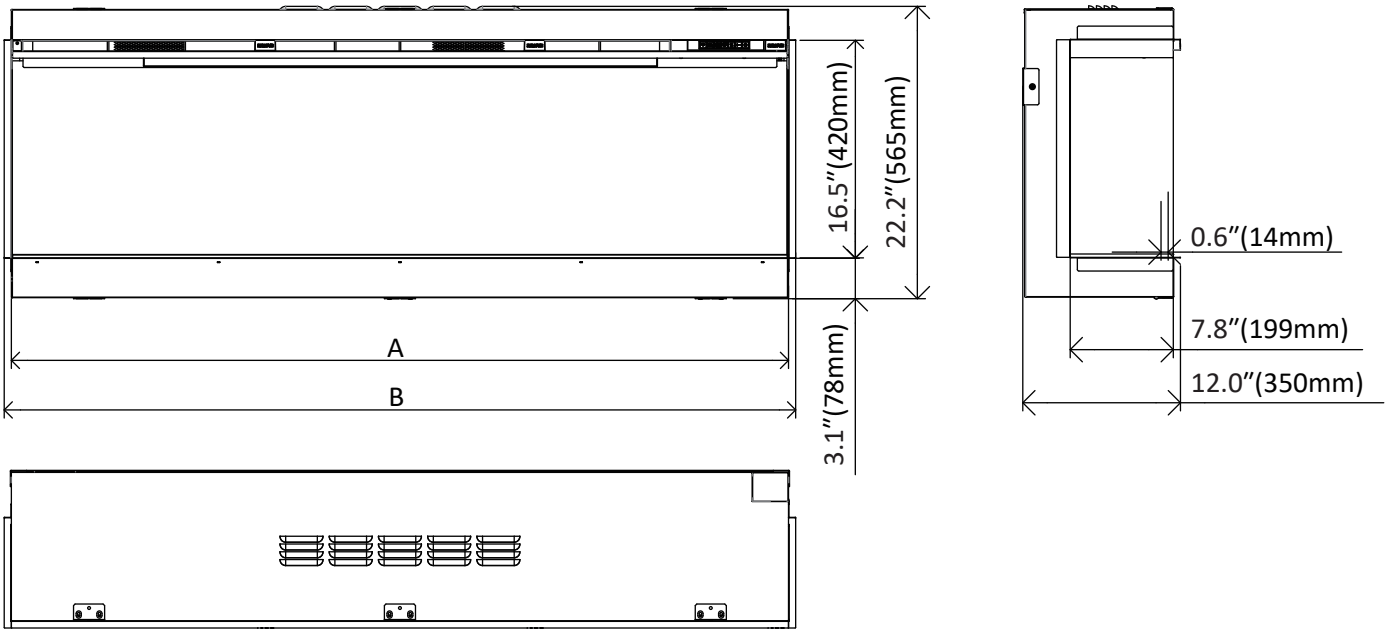
PARTS AND HARDWARE

- Unpack 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 center.
- Keep plastic wrapping away from children.
- Save the original packaging as this may be required in the event of service complaint with product.
- Check that all parts are removed from the packaging.

 1x	 2 set x	 13/13/14/14/18/22/22	 1x
Firebox	**Black Chips**	**Wall Plug Φ8*40**	**Wall Plug Φ4*20**
 13/13/14/14/18/22/22	 4x	 4/4/6/6/6/8/8	 1x
Screw ST5*40	**Screw ST4*8**	**Screw ST4*12**	**Screw ST4*10**
 2x	 4x	 2x	 1x
Side finishing Strip	**Finishing Strip**	**Installation Brackets**	**Tail Plug**
 1x	 1x	 2x	 8/8/9/14/16/19/21
Power Cord EU	**Remote Control**	**AAA Battery**	**Resin Log**

 1 set x	 2x	 1x	
Ceramic Chips	**Sucker**	**Manual**	

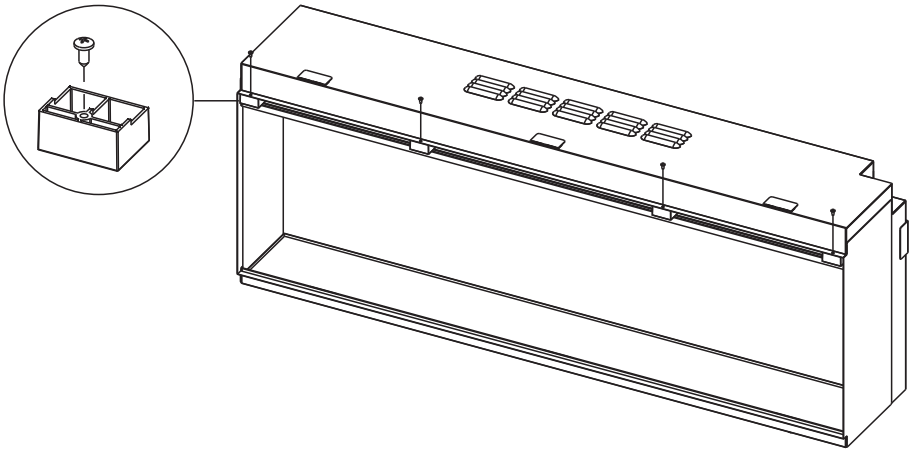
TECHNICAL SPECIFICATIONS



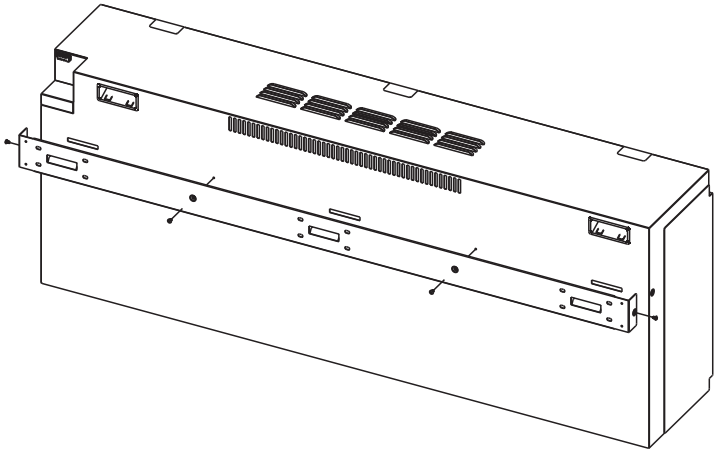
MODEL	A		B	
Unit	inch	mm	inch	mm
EF657A	35.4"	900	36.5"	928
EF658A	43.3"	1100	44.4"	1128
EF659A	51.2"	1300	52.3"	1328
EF660A	59.1"	1500	60.2"	1528
EF661A	70.9"	1800	72.0"	1828
EF751A	86.6"	2200	87.7"	2228
EF752A	100.4"	2550	101.5"	2578

INSTALLATION INSTRUCTION

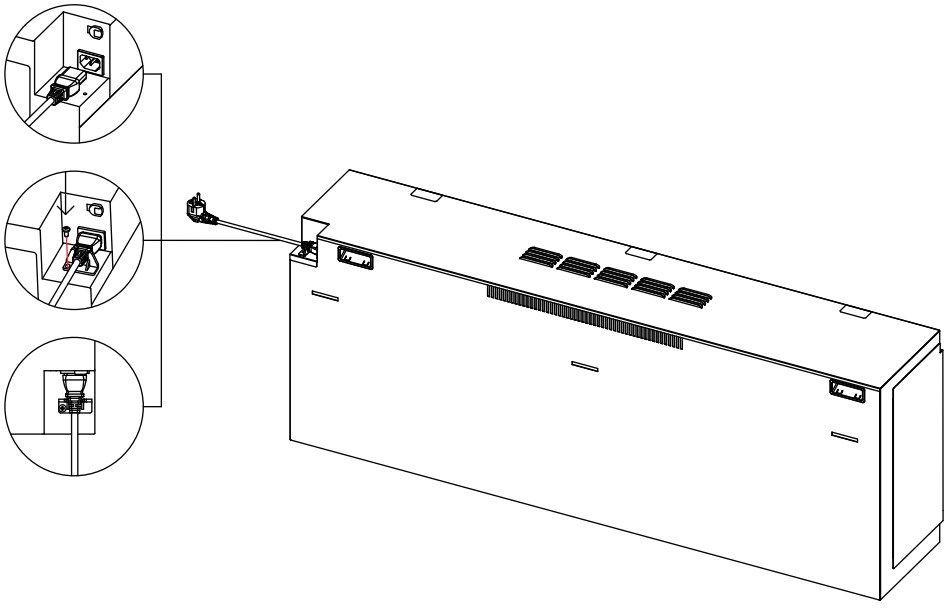
1.1 Remove the bracket used to protect the glass during transportation.



1.2 Remove the wall mounting bracket.



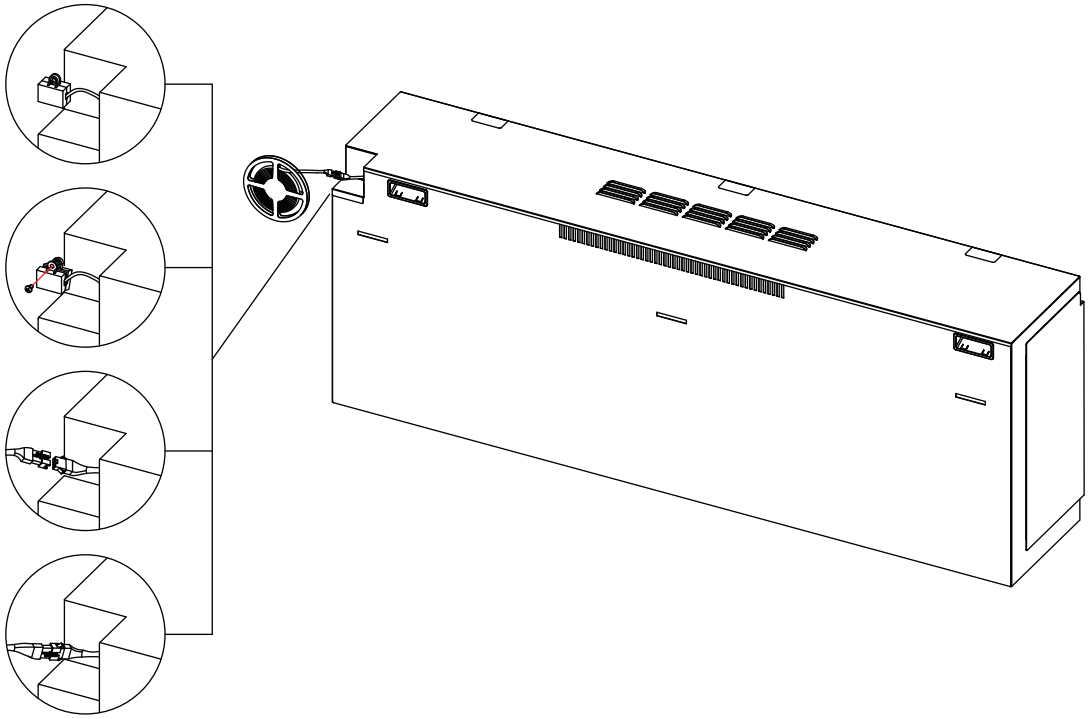
1.3 Connect the power cord by tail plug and one ST4*10 screw.



1.4 Remove the temperature sensor from the firebox (if needed)

You can fix it on the outer surface of the wall to measure the room temperature more accurately. The cable length is 95cm.

1.5 Remove the protective cover of the plug for ambient light (if needed)



Note: Compatible ambient lights are available from WAG SAL Ltd. , and other makes may not be suitable and will void warranty.

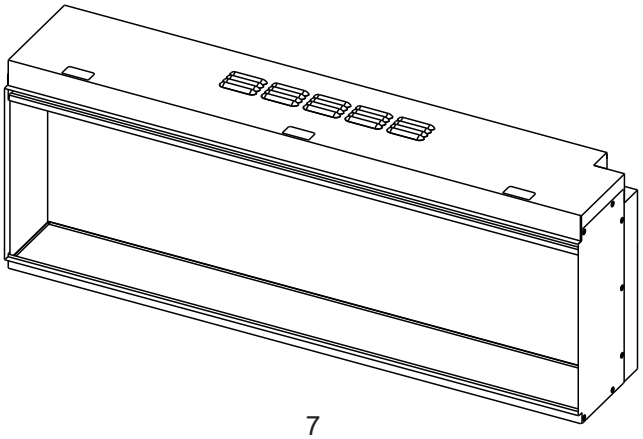
1.6 Choose aspect type

The appliance can be installed in three different aspects:

- Front (1 glass panel)
- Corner (2 glass panels)
- Panoramic (3 glass panels)

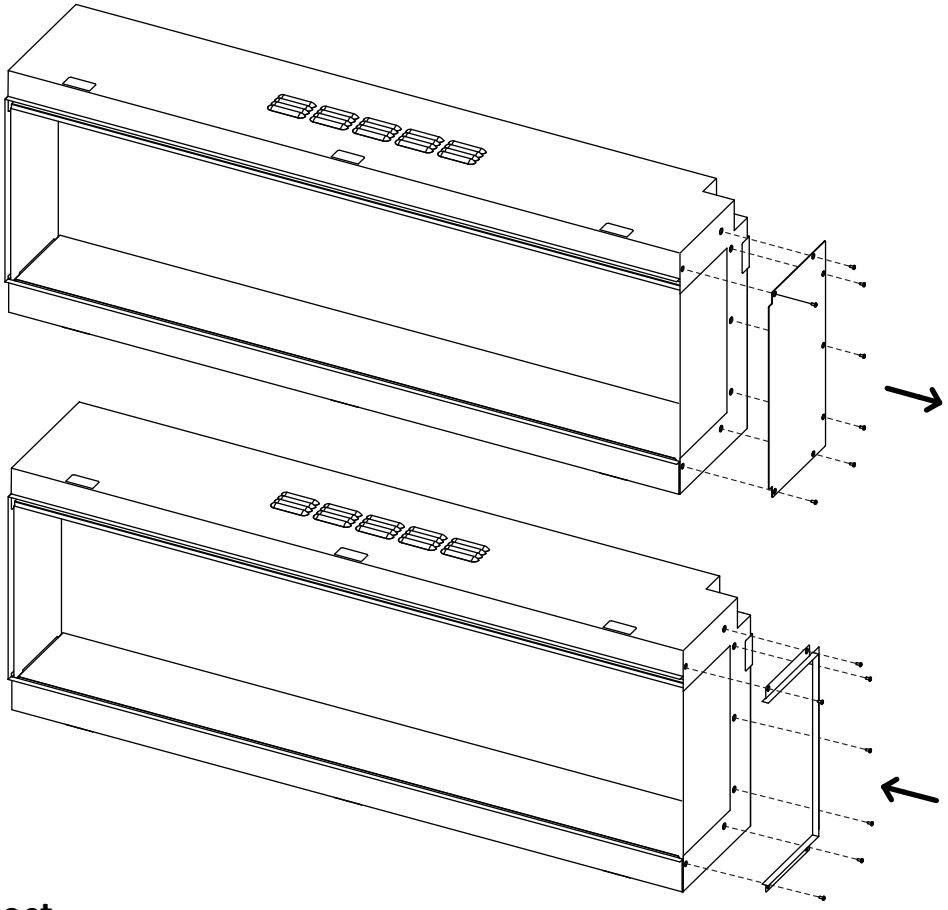
Front Aspect

Your appliance will arrive in a **front** aspect with metal side panels already fitted.



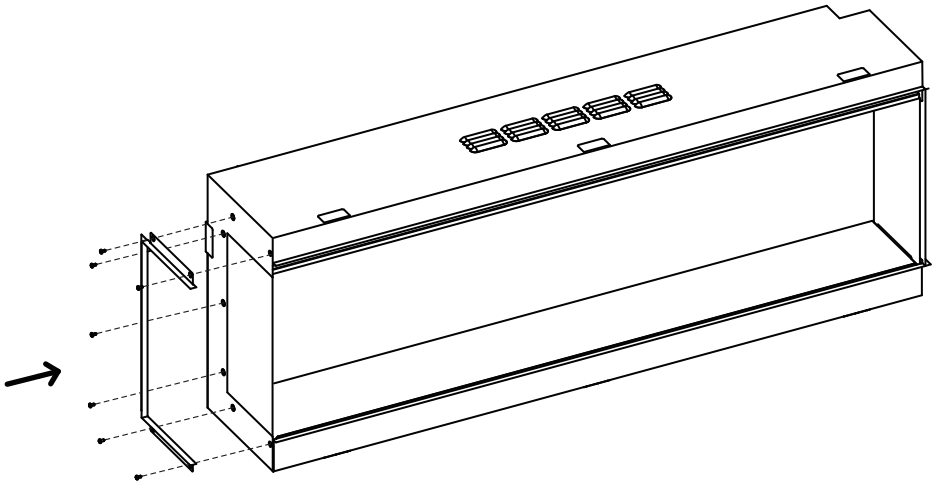
Corner Aspect

For a corner aspect, choose which side you want to feature a glass panel and remove the 7 screws that secure the metal side panel to the appliance. Carefully remove the panel and keep the screws in a safe place. Using the removed screws, take **2 top/bottom** side glass edge trims and **1 side** glass edge trim and screw them to the appliance as shown below.



Panoramic Aspect

For a panoramic aspect, repeat the corner aspect procedure on the opposite side of the appliance.



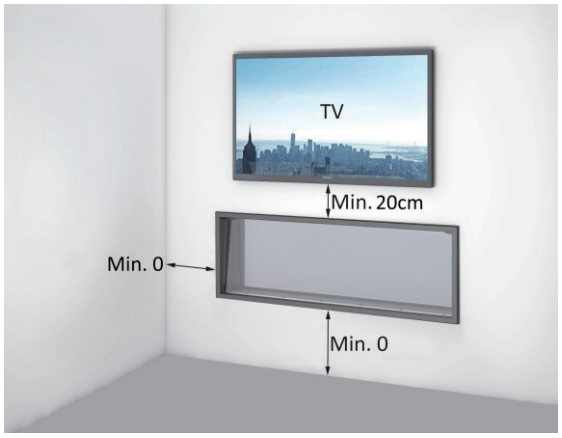
1.7 Locate the appliance

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

- 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.

MINIMUM CLEARANCE TO COMBUSTIBLE

Sides.....0
Floor.....0
Back.....0
Top (Mantel or TV) .....20cm Minimum
Front.....100cm Minimum



1.8 Prepare power supply

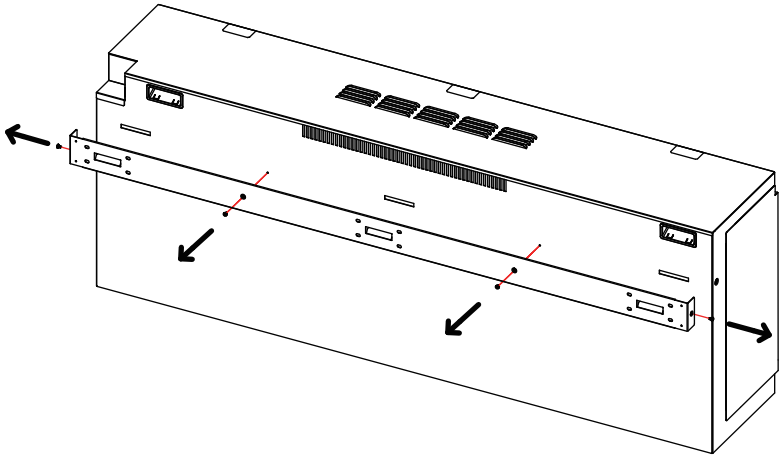
1.9 Installation

The following installation types are only given as a general guide. Various materials can be used for the framework and cladding. But consideration should be made to soften the internal surface of any cladding to minimise the amplification of noise.

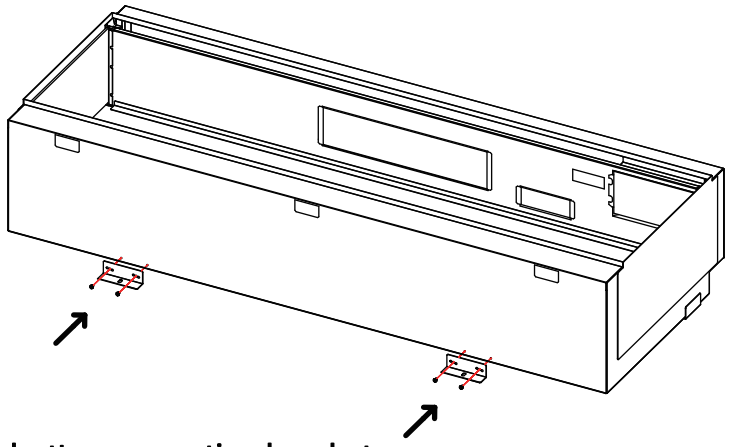
WALL MOUNTED

- **Fix the wall mount bracket on the wall**

Put the mounting bracket on the wall where you would like to install the appliance, mark the holes for screws, drill holes on the marks, insert the wall plugs Φ8*40 into the holes and fix the bracket by screw ST 5*40.

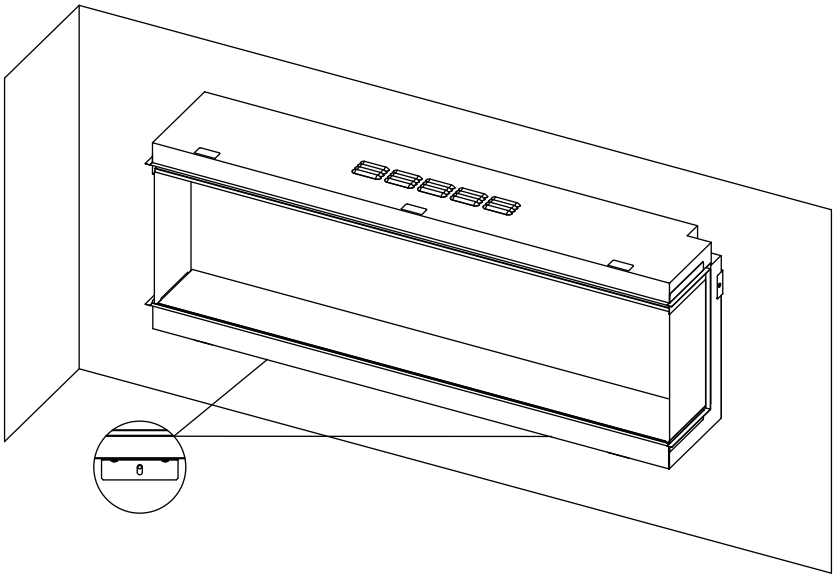


- **Fix two bottom mounting brackets by four ST 4*8 screws.**



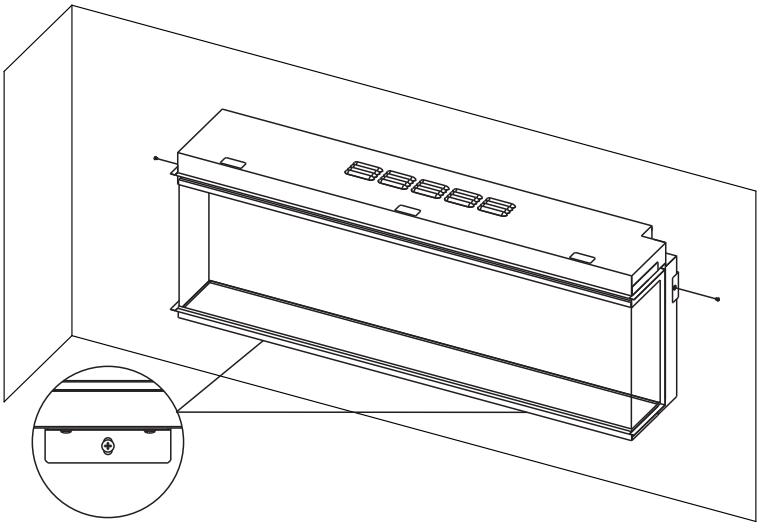
- **Mark the positions for bottom mounting brackets**

Lift the appliance up and attach to the mounting bracket, mark the hole position of fixing bracket and take the appliance down. Drill holes on the marks and insert wall plug Φ8*40 (for masonry wall only).



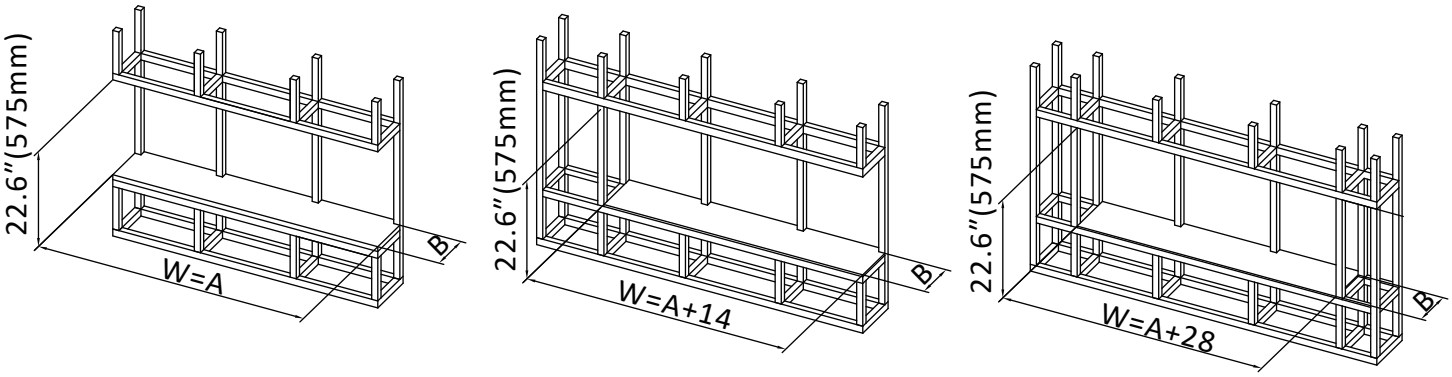
- **Attached the appliance to the wall mounted bracket.**

Secure the appliance to the wall bracket (Use the screws previously removed) and secure the bottom mounting brackets by two ST5x40 screws.



BUILD IN

- **Build a frame**

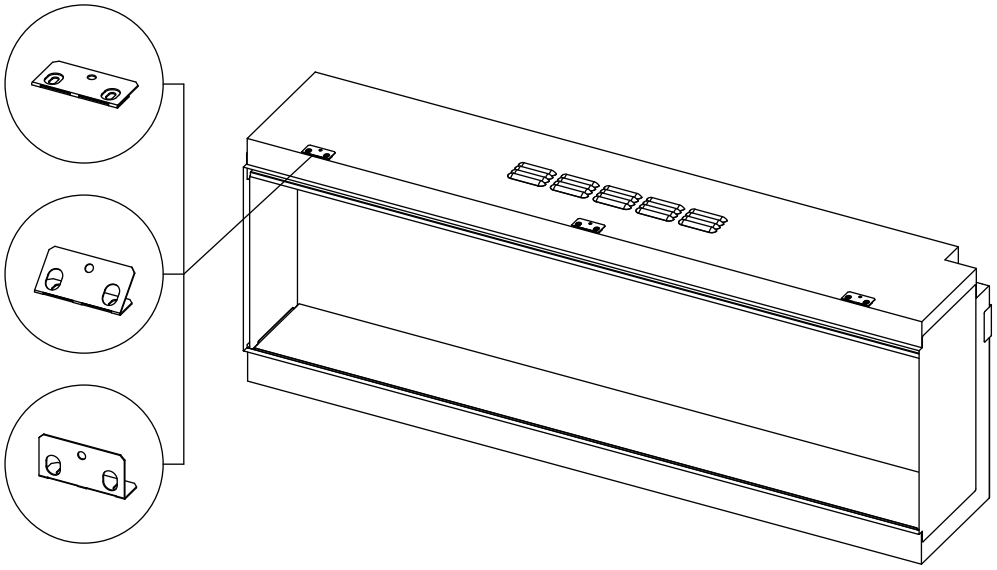


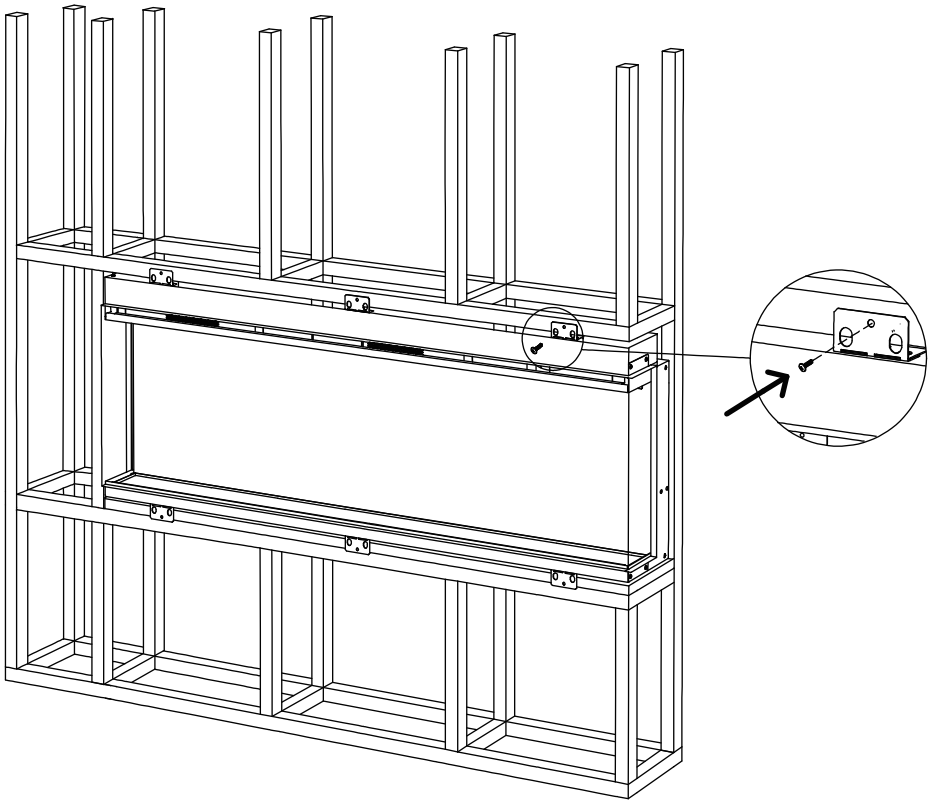
Panoramic Corner Front

MODEL	Unit	EF657A	EF658A	EF659A	EF660A	EF661A	EF751A	EF752A
A	mm	900	1100	1300	1500	1800	2200	2550
	inch	35.4″	43.3″	51.2″	59.1″	70.9″	86.6″	100.4″
B	mm	330	330	330	330	330	330	330
	inch	13.0″	13.0″	13.0″	13.0″	13.0″	13.0″	13.0″

- **Push the appliance into the frame and secure**

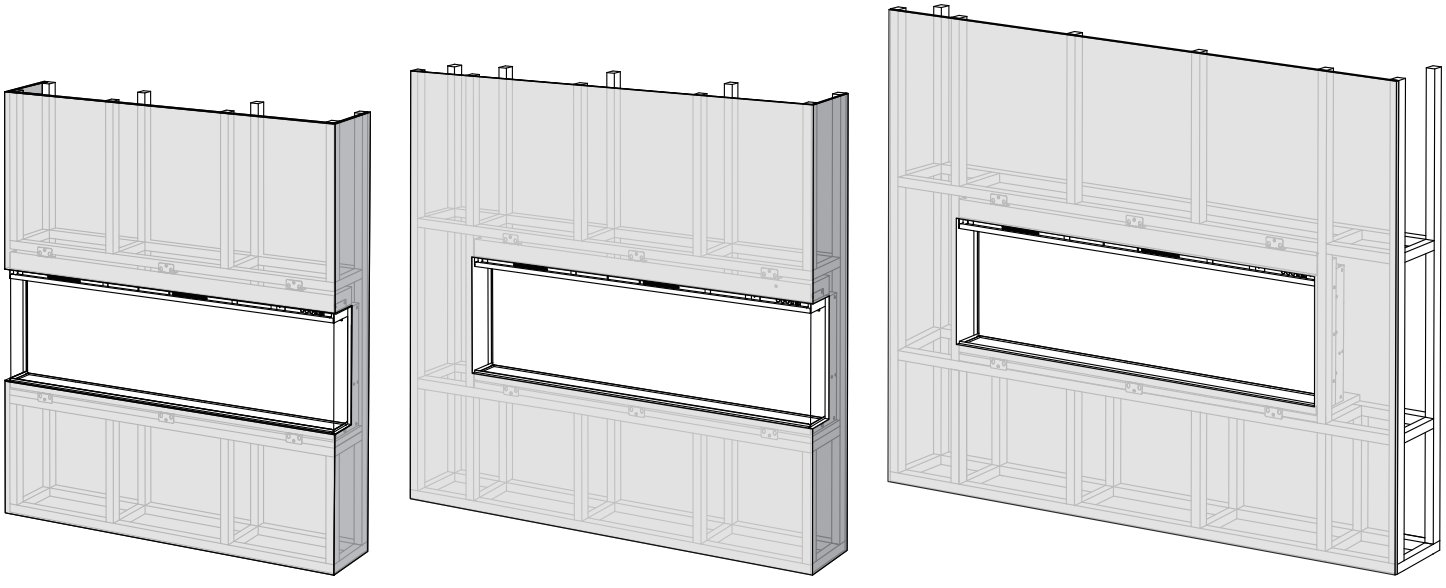
  The brackets on top panels can be forced upright by fingers, open the brackets, push the appliance into the frame and fix it to the frame by ST4*12 screws.





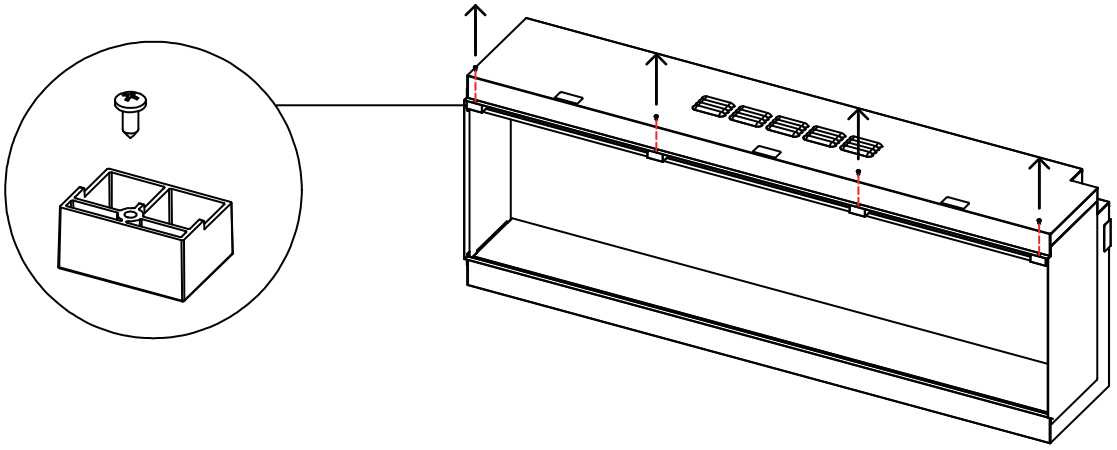
- **Plug it in and test the function**
- **Finish the wall**

Note: leave the sensor out of the finished wall.

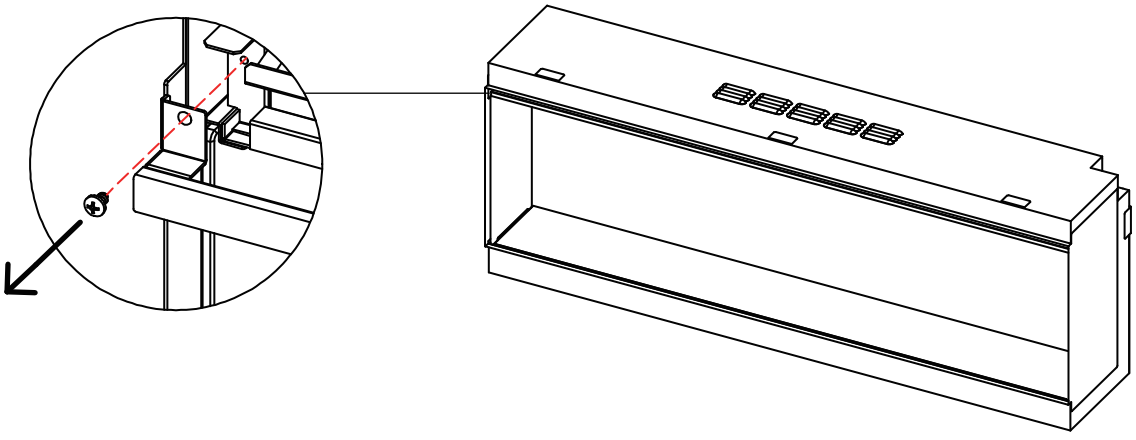


1.10 Fuel bed arrangement

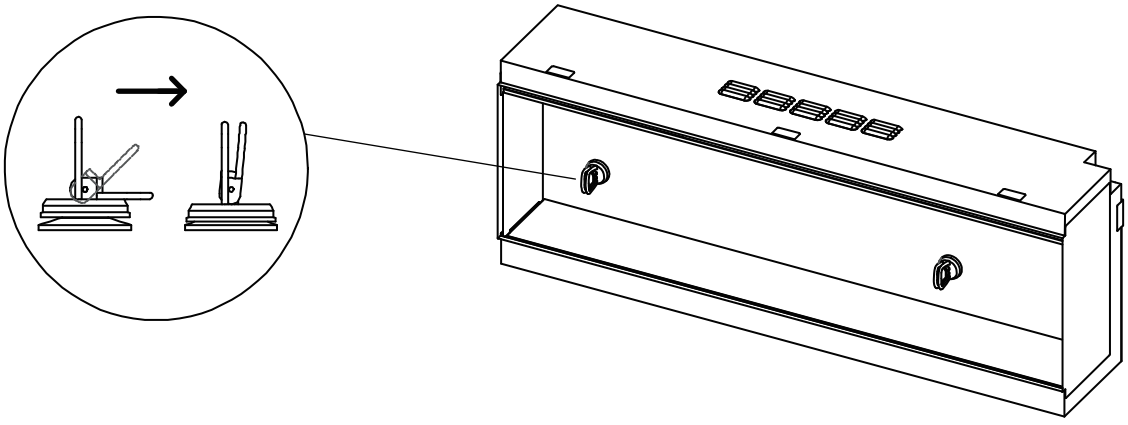
- Remove screws ST4*10 to take down glass protection blocks.



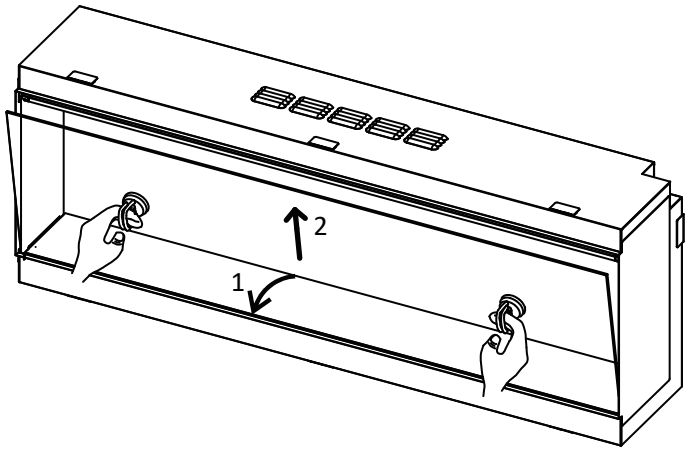
- Remove the screws then take down the glass clamp plate.



- Use 2PCS suckers supplied to remove the glass

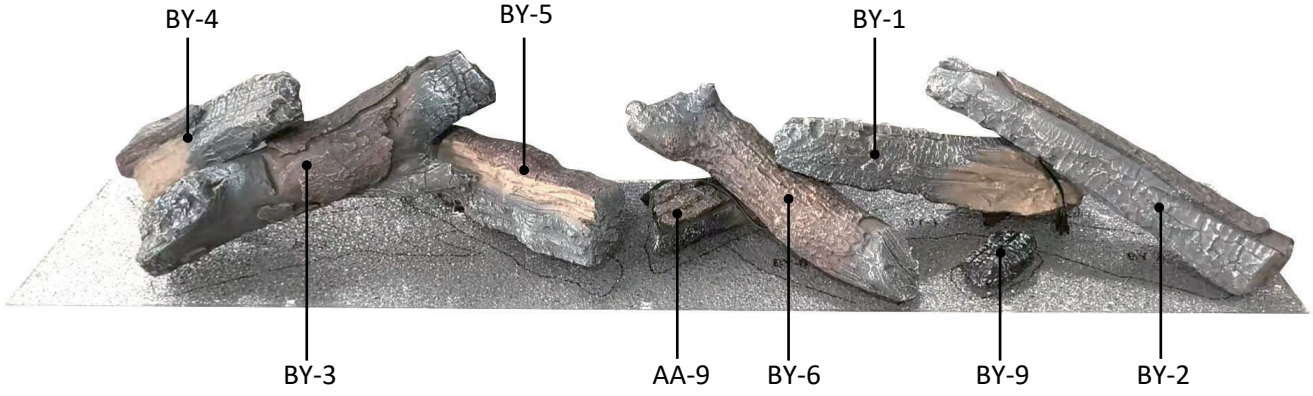


- Remove the glass as digaram showed.

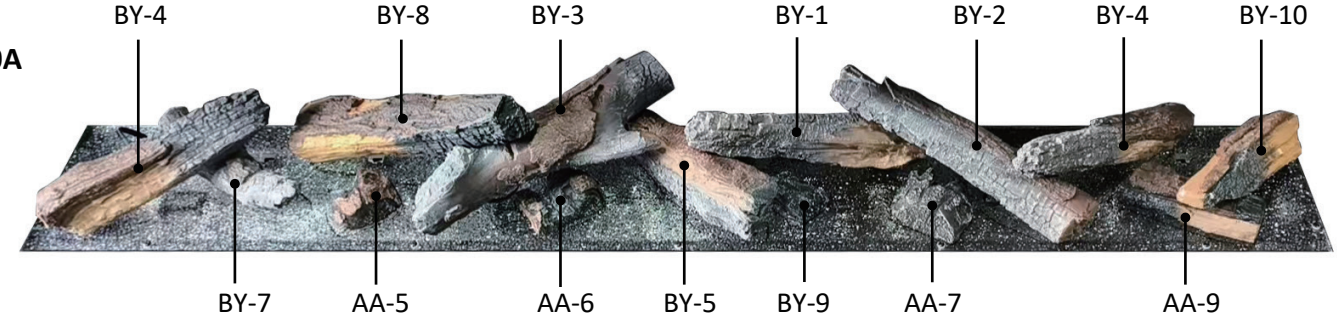


- **Set the fuel bed according to the following instructions to give the more realistic log flame effect.**

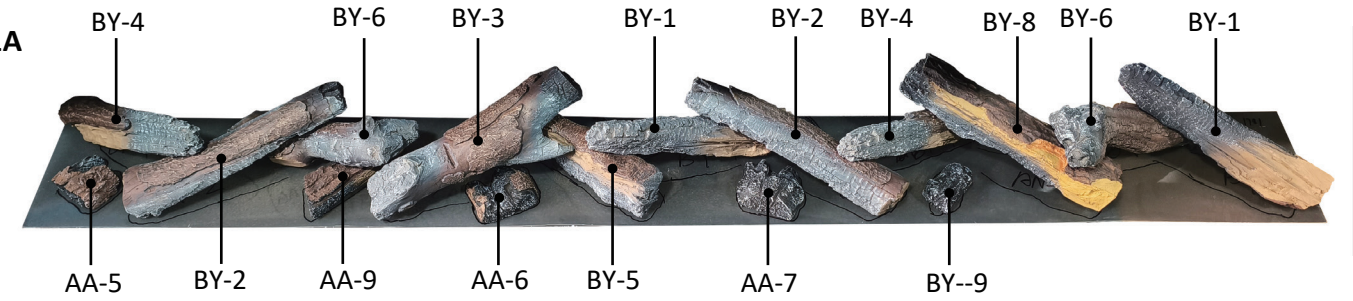
EF658A



EF660A



EF661A



Distribute the black resin embers around the base of the logs ensuring good coverage both in front and behind the logs. Place the small bark pieces randomly around the fuel bed. Check for good coverage of fuel bed elements and make adjustments accordingly to suit your preference..

OPERATING INSTRUCTION

PREPARATION BEFORE USE

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.

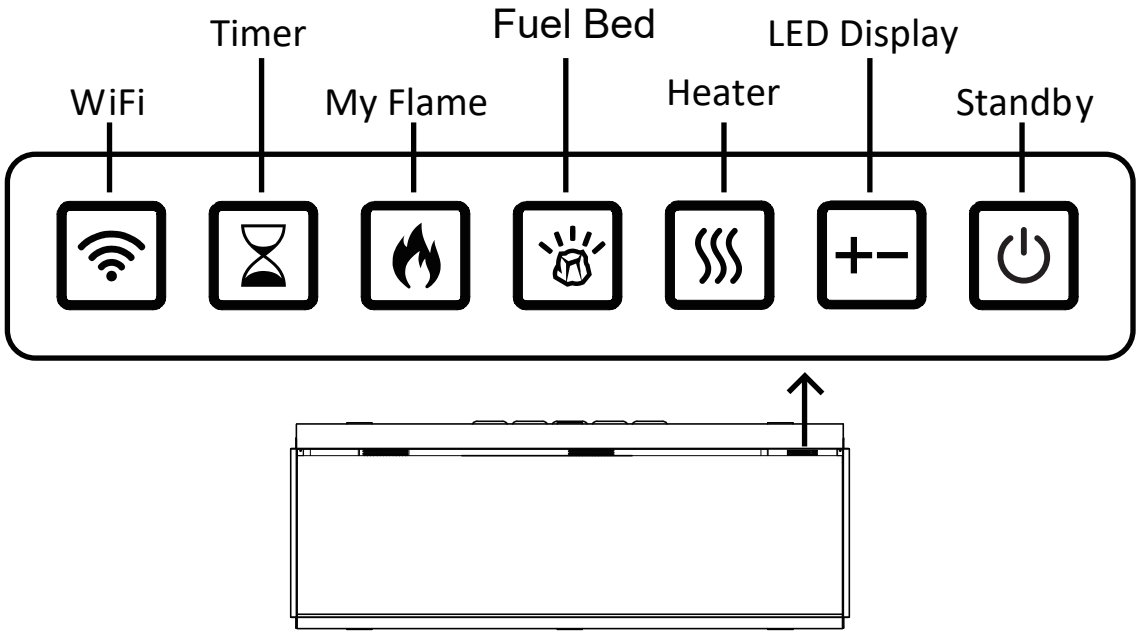
WARNING! To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 meter from the air outlet.

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.

The appliance can be operated conveniently in 4 different ways: manually, via the remote control handset, via the dedicated iOS/Android app or voice control.

1. MANUAL CONTROL PANEL



Note: Press Power Switch before operating either manual control, remote or APP. A long beep sound is heard to indicate the appliance is ready for use.

Note: The manual buttons control only basic functions, not a full range of controls. Use in conjunction with the remote handset or the APP to carry out all functions.

POWER SWITCH: Press to turn on or turn off power to the appliance.

Note: The controls on appliance will lose the memory for all function settings when the switch is set to the Off Position.

Standby: Turns on the appliance with the last used settings without any heat. Place the appliance into standby mode with all features turned off.

My Flame: Press to cycle through 6 flame colours and off setting.

Timer: Press to enter cycle through the settings from 0.5h hour to 10 hours, and then OFF.

Fuel Bed: Press to cycle through fuel bed 1, 2, ... 14 and off.

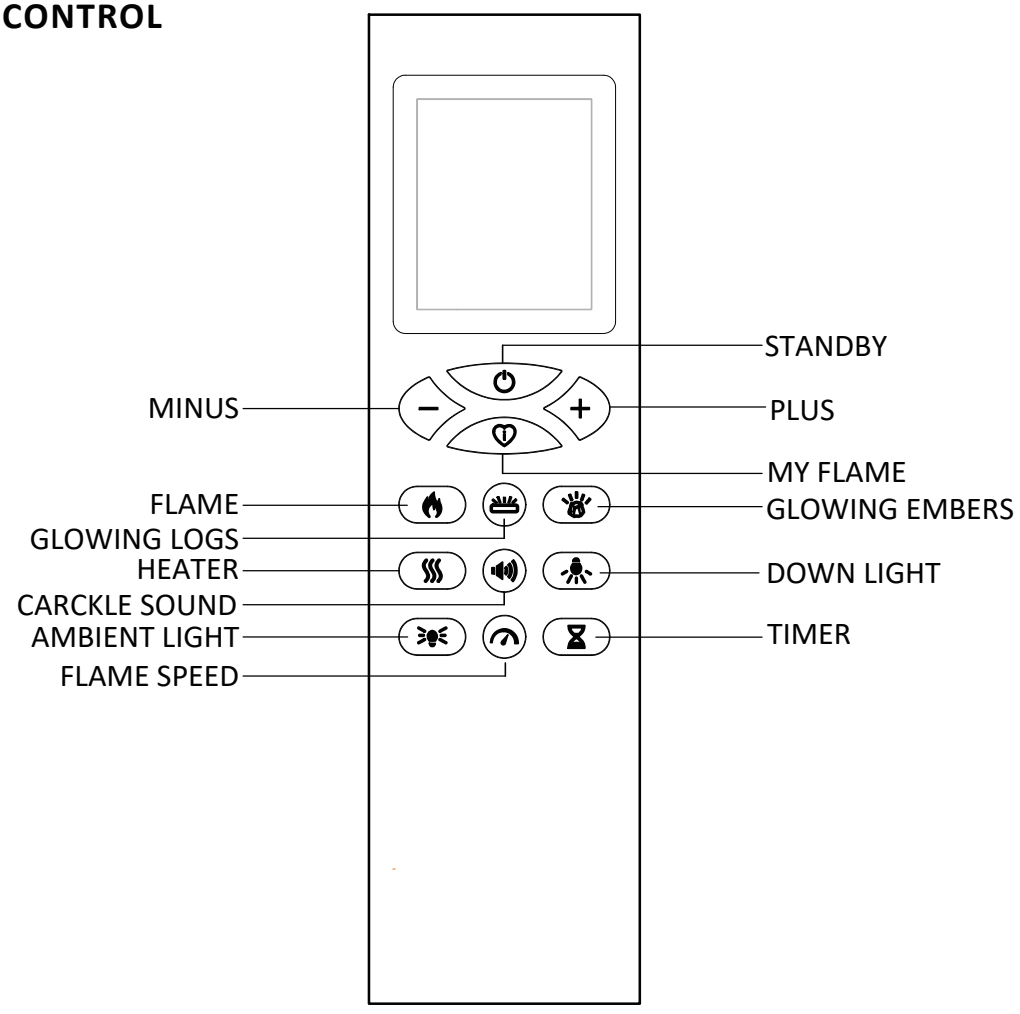
Heater: Press to cycle through off setting, cold, low heater and high heater.

Note: In order to prevent the product becoming too hot, there is a 10s delay when turning on the heater and a 10s delay when turning off the heater fan.

WiFi: Press to turn WiFi on or off. An illuminated LED indicates that WiFi is turned on.

Note: Each time a button is pressed on the appliance or on the remote control, an audible beep is emitted. To turn off this feature, keep pressing button MY FLAME for 3 seconds.

2. REMOTE CONTROL



IMPORTANT: The remote control handset must be left in the same room as the appliance as it houses the thermostat that regulates heat output.

BUTTON	TITLE	FUNCTION
	**STANDBY**	Turns on the appliance with the last used settings without any heat. Place the appliance into standby mode with all features turned off.
	**MY FLAME**	Press to turn on/off MY FLAME.
	**HEATER**	Press to cycle through off setting, cold, low heater and high heater. Press HEATER for 3s to change the temperature unit between ℃ and ℉.
	**FLAME**	Press to cycle through 6 flame colours and off setting. Press FLAME for 3s to enter/exit silent mode.
	**CRACKLING SOUND**	Press to turn on or turn off crackling sound effect.
	**FUEL BED**	Press to cycle through fuel bed 1, 2, ... 14 and off.
	**DOWN LIGHT**	Press to cycle enter the down light setting mode.
	**TIMER**	Press to enter cycle through the settings from 0.5h hour to 10 hours, and then off.
	**Minus & Plus**	Press to adjust the brightness, volume, and time after pressing the HEATER/CRACKLING SOUND/FUEL BED/ DOWN LIGHT/TIMER/ LOG LIGHT/SPEED/AMBIENT LOGHT button once. Press directly to set the temperature.
	**LOG LIGHT**	Press to enter glowing log light mode.
	**FLAME SPEED**	Press to enter the flame speed mode.
	**AMBIENT LIGHT**	Press to cycle through ambient light 1, 2, ... 14, off.

IMPORTANT SAFETY INFORMATION FOR BATTERY

1. Two AAA battery 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 place the cover back on the rear of the remote;
3. This AAA battery (non-recharged) is not to be recharged;
4. Different types of batteries or new and used batteries are not to be mixed;
5. Battery is 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 battery should be removed;
8. The supply terminals are not to be short-circuited.

3. APP CONTROL

Visit your APP store (IOS or Android) to download the TUYA SMART APP. Follow the onscreen instructions to create an account. Once installed, follow the procedure below to pair the device with your appliance.

- Start the APP and click “Add Device” on screen. Select “Small Home Appliance” from the list, then select "Electric Fireplace (Wi-Fi)".
- Ensure the appliance is powered on, then press and hold the Wi-Fi button on the appliance until you hear 3 beeps at EZ mode. At the same time the Wi-Fi button and the fuel bed will blink quickly.If failed at EZ mode, try AP mode. Please press the Wi-Fi button, you will hear 3 beeps, then keep pressing until you hear other 5 beeps to enter AP mode, and the fuel bed will blink slowly.
- Follow the instructions on the APP to input your home network details. Note, your device must also be connected to the same home network what you wish to connect the appliance to.
- Complete setup and link the fireplace to your account.

We have created a very detailed APP Operation Instruction and a video to guide you through the process how to load down the TUYA Smart APP, create an account, pair your appliance to your smart phone and operate the appliance. Scan the QR code to be taken to the Operation Instruction or the video.

APP Operation Instruction and Video

4. VOICE CONTROL

Note: Before using voice control ,ensure that the appliance is connected to the TUYA APP and that Amazon Alexa or Google Assistant APP is installed .

Voice control via Amazon Alexa & Google Assistant. See 《Amazon Alexa & Google Assistant Commands》

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 proceeds is as follows:

1. Switch off the appliance (Manual switch) 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. Switch 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.

WINDOW OPEN DETECTION

When the sensor detects a rapid drop in room temperature, it will be identified as a window open, the warning icon ‘OPn’ will be displayed and the heating will be turned off automatically.

After the indoor temperature has risen or a manual override of the warning (by operating touch control panel or remote control or heat button on APP) has been done, the fire will return to normal working state.

CARE AND MAINTENANCE

WARNING! Before any maintenance or cleaning of the exterior of the fireplace, the unit should be disconnected from the power supply until it has cooled.

REMOTE HANDSET BATTERY REPLACEMENT

Replace with two AAA battery. 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.



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 ofcharge.



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.