bemodern
FIRES | FIREPLACES

iQFX
intelligent efires

Instructions For Installation & Operation

4414-1000L, 4485-1250L, 4486-1500L

3 In 1 Electric Fire C/W Remote Control

Freestanding, Suspended, & Inset Installation Options







Prior to installing this product locate the data label and note the model and serial number. This is required when registering your guarantee.

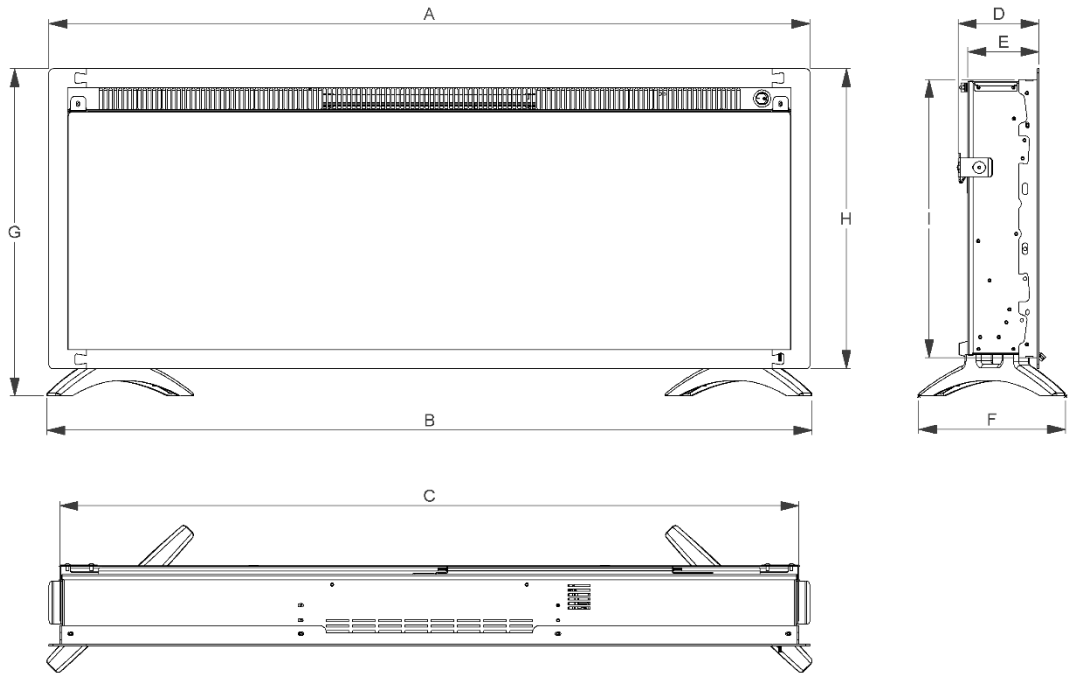
Model:_____

Serial Number:_____

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Technical Specification



Fire	Dimensions (mm)								
	A	B	C	D	E	F	G	H	I
1000L- **4414**	1016	1022	987	108	95	196	437	400	371
1250L- **4485**	1270	1276	1241	108	95	196	437	400	371
1500L- **4486**	1524	1530	1495	108	95	196	437	400	371

Fire	Visible Glass Area (mm)	
	Width	Height
1000L- **4414**	964	318
1250L- **4485**	1218	318
1500L- **4486**	1472	318

Tolerance +/- 1mm

Technical Specification *Continued*.....

Model No: 4414 (1000L), **4414** (1250L), **4414** (1500L).
Supply Voltage: AC 230-240V 50Hz, Maximum power consumption: 1538W.

Model:	4414-1000L	4485-1250L	4486-1500L
Power for Touch Screen	1.2W	1.2W	1.2W
Power for Flame Motor	2W	2W	2W
Power for Flame Effect	2.5W	3.3W	4.1W
Power for Flame Light Panel	3.5W	4.5W	5.6W

Heat Output			
Model	4414 - 1000L	4485 - 1250L	4486 - 1500L
Nominal heat output (Pnom)	1.500kW	1.500kW	1.500kW
Minimum heat output (indicative) (Pmin)	0.750kW	0.750kW	0.750kW
Maximum continuous heat output (Pmax)	1.500kW	1.500kW	1.500kW

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

Important Safety Information

Read all 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.

When using this appliance, basic precautions should be followed to reduce the risk of fire, electric shock, and injury to person, including the following:

- This fire must be used on an AC supply only and the voltage marked on the fire must correspond to the supply voltage.
- Do not switch the appliance on until it properly installed as described in this manual.
- The fire must not be located immediately below a socket outlet.
- Do not leave the appliance switched on when leaving your home or going to sleep.
- Do not leave unattended when plug in to the mains supply.
- This fire is not intended for use by children. Never leave unsupervised children where the fire is left switched ON (I) or unguarded.
- Only use the appliance for domestic purposes and in the way indicated in these instructions.
- From time to time check the cord for damages. Never use the appliance if the cord or any part of the appliance shows any signs of damage.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



WARNING: In order to avoid overheating, do not cover or obstruct the fire in any way.

- Do not use this fire in the immediate surroundings of a bath, a shower or a swimming pool.
- Make sure the connection cord does not touch any hot surfaces.
- Keep the appliance at least 100cm (1.0m) from walls and any other combustible materials.
- Do not use the appliance outdoors
- Do not use if you have wet hands.
- Never move the appliance by pulling the cord.
- Before cleaning the appliance, make sure it is unplugged from the mains power and that it is completely cool
- Do not clean the appliance with abrasive or chemicals.
- Never use accessories that are not recommended or supplied by the manufacturer.
- Never route the mains cable beneath carpet.
- Never use aerosols or similar close to the fire.
- Never use the fire to dry clothes or any other similar items.
- In order to avoid a hazard due to inadvertent resetting of the thermal cut cut-out, 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.
- This fire must not be used with an extension lead.
- Do not use this fire with a programmer, timer or any other device that switches the fire on automatically, since a fire risk exists if the fire is covered or positioned incorrectly.
- Children should be supervised to ensure that they do not play with the appliance.
- 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 or knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.
- 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.

Important Safety Information *Continued…..*

WARNING: This fire is not equipped with a device to control the room temperature. Do not use this fire in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

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.
The fire shall not be located in front of a socket-outlet.

Use this fire on a horizontal and stable surface, or fix it to the wall, as applicable.
WARNING: To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.

Manual Handling

BEFORE STARTING THE INSTALLATION OF THIS FIRE, PLEASE READ THE FOLLOWING:

CAUTION: This appliance is heavy. Always seek assistance whilst unpacking and/or during installation.

The installation should be carried out by **two adults** to avoid injury or damage. If for any reason it is considered too heavy, please obtain assistance.

Always use the handles on the rear of fire where possible.

When lifting the electric appliance, always keep your back straight. Bend your legs and not your back. Avoid twisting at the waist. It is better to reposition your feet.

Avoid upper body / top heavy bending. Always bend from the knees rather than the waist. Do not lean forward or sideways while handling the fire.

Always grip the fire with the palm of the hand – do not use the tips of fingers for support.

Always keep the fire as close to the body as possible. This will minimize the cantilever action.

Use gloves to provide additional grip.

Contents of the box(es)

Box - 4414- 1000L

Quantity	Description	Quantity	Description
1	**1000L-** Electric Fire Engine	1	Anti-tipping steel rope (For portable only)
1	Wall Mounting Bracket (Supplied attached to the Electric Fire)	4	M4 x 30mm Dome Head – Machine Screw
5	M4 x 40mm Pozi Flange Fixing Screws (Required for solid wall mounted options only)	2	Feet (For Portable Only)
5	Wall Plugs (Required for solid wall mounted options only)	1	QR Instruction Sheet
1	Fire Remote Control	2	2x AAA Batteries

Box - 4485- 1250L

Quantity	Description	Quantity	Description
1	**1250L-** Electric Fire Engine	1	Anti-tipping steel rope (For portable only)
1	Wall Mounting Bracket (Supplied attached to the Electric Fire)	4	M4 x 30mm Dome Head – Machine Screw
5	M4 x 40mm Pozi Flange Fixing Screws (Required for solid wall mounted options only)	2	Feet (For Portable Only)
5	Wall Plugs (Required for solid wall mounted options only)	1	QR Instruction Sheet
1	Fire Remote Control	2	2x AAA Batteries

Box - 4486- 1500L

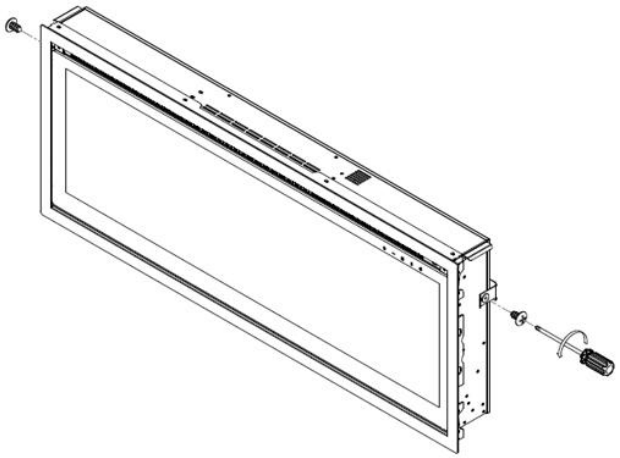
Quantity	Description	Quantity	Description
1	**1500L-** Electric Fire Engine	1	Anti-tipping steel rope (For portable only)
1	Wall Mounting Bracket (Supplied attached to the Electric Fire)	4	M4 x 30mm Dome Head – Machine Screw
5	M4 x 40mm Pozi Flange Fixing Screws (Required for solid wall mounted options only)	2	Feet (For Portable Only)
5	Wall Plugs (Required for solid wall mounted options only)	1	QR Instruction Sheet
1	Fire Remote Control	2	2x AAA Batteries

Please ensure all fixings are present before commencing installation. If anything is missing, please call Customer Services on 01914300901 or email us at customerservices@bemodern.co.uk

IMPORTANT NOTE:
Wall fixings (i.e. screws/wall plugs etc.) are not supplied as these are crucially dependent upon the type of wall and surface the appliance is going to be fixed too.
The installer is therefore responsible for ensuring that suitable fittings are used as well as individual fitting situations and environments. All mechanical fixings, for holding the appliance in position, must be secured to a solid wall or structure.

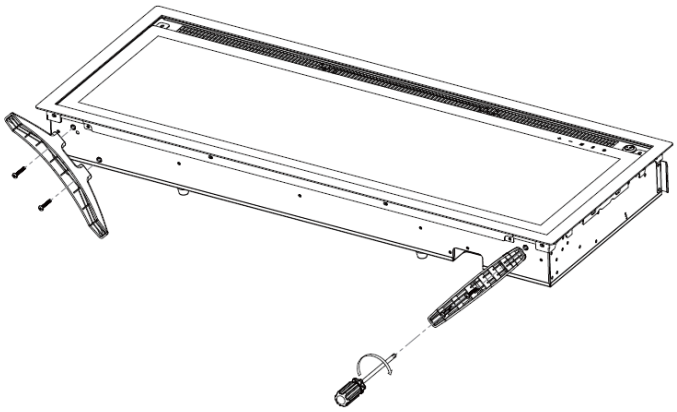
Freestanding Fire Installation

IMPORTANT INFORMATION
Before using the fire. The feet supplied in a separately carton, must be fitted to the fire.
The feet securing screws are contained in the bag with the feet.
When using the fire as a portable appliance the feet must first be fitted.
The feet are to be attached to the base of the fire body with the 4x M4x30mm screws provided.
Following the below steps:



Using a screwdriver, turn the fixing screws on either side of the fire counterclockwise to remove the wall mounted bracket from the back of the fire.

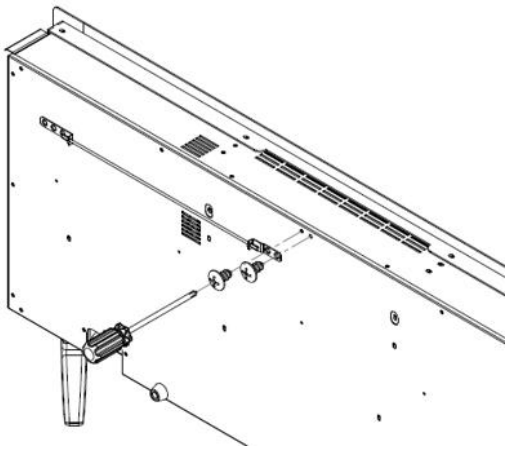
Re-install the fixing screws & washer into their original positions after removing the brackets.



Place the fire on the horizontal and stable surface with glass panel facing up.

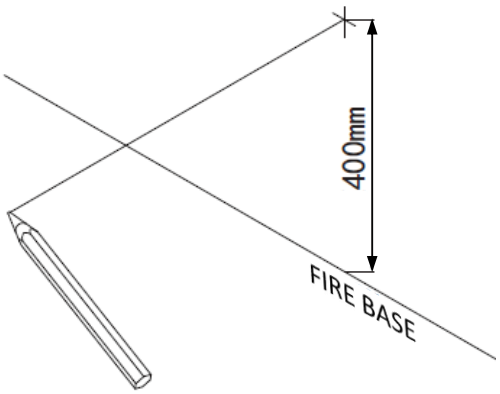
There are four feet mounting holes at bottom of the fire. The plastic feet have a location post, make sure these posts are aligned and positioned in the corresponding holes at the base of the fire, and then turn the feet to align with the two screw mounting holes.

Attach the feet to the base of the fire with 2x M4x30mm screws for each of the foot and tighten with a screwdriver to secure.



Secure the anti-tipping steel rope to the two screws located at the center of the upper rear panel of the fire.

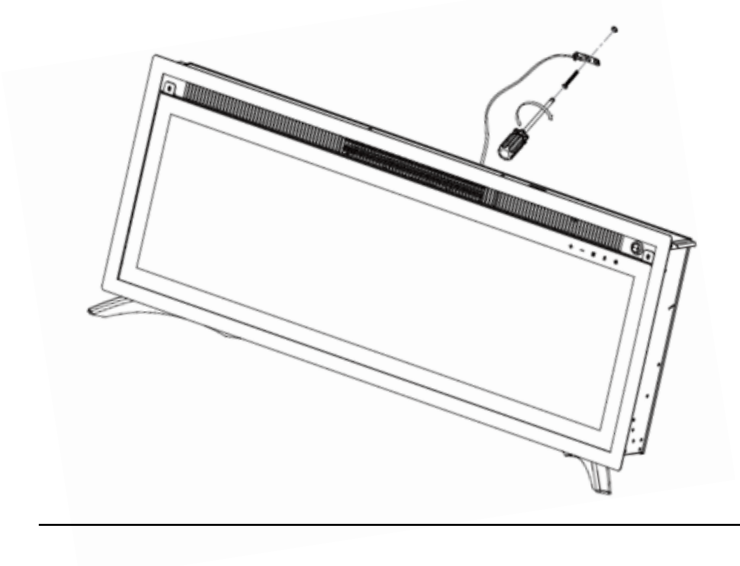
Freestanding Fire Installation *Continued…..*



Mark the wall position for the anti-tipping steel rope as detailed.
Drill and plug the fixing point in the wall with the appropriate fixing for the wall medium.
Secure the anti-tipping steel rope firmly to the wall using the appropriate fixing for the wall medium.

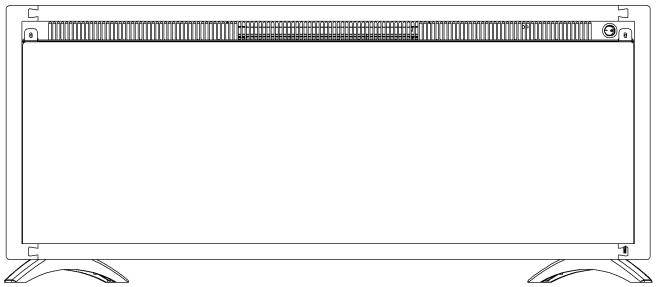
Note: A screw and plug have been supplied for use with solid walls only.

See **IMPORTANT NOTE on** page 6 for wall fixing information.



Secure the anti-tipping steel rope firmly to the wall using an appropriate fixing for the wall medium.

Position the fire securely on a level base.

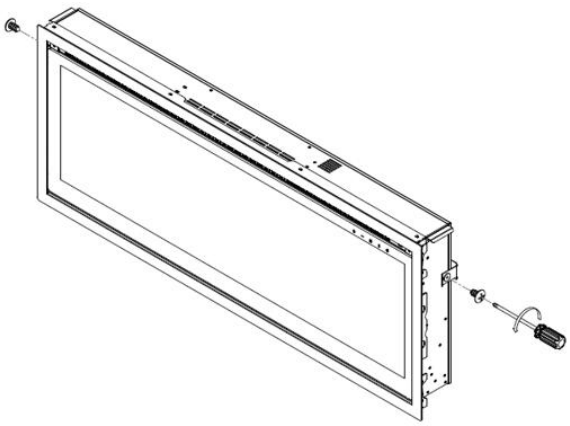


The fire installation is now complete.

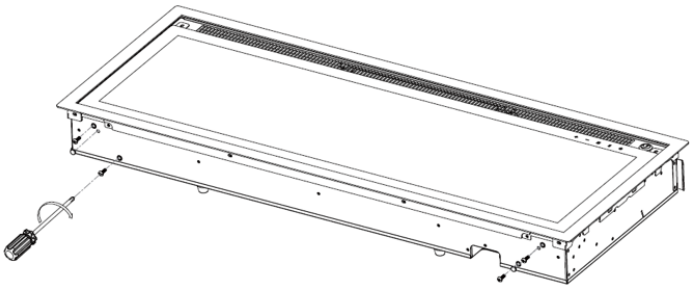
Suspended Fire Installation

IMPORTANT INFORMATION
Do not connect the fire to the power supply, until properly fixed to the wall and the instructions have been read carefully.
The minimum clearances must be observed.
The fire is designed to be permanently fixed to a wall at a minimum height of 300mm.
The wall mounting bracket must be fitted horizontally and the cable routed to the bottom right of the fire.
Keep top of the fire at least 1000mm away from ceiling or other objects for optimum heat ventilation.

Following the below steps for installation:

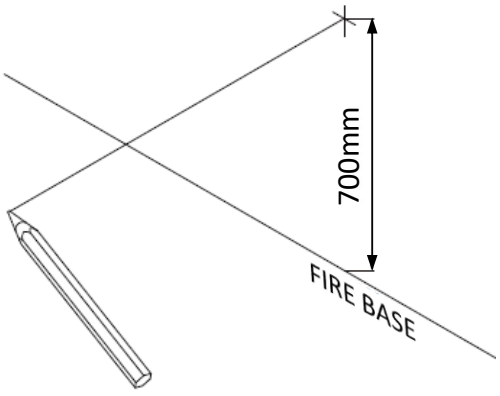


Using a screwdriver, turn the fixing screws on either side of the fire counterclockwise to remove the bracket fixing screws, washers & wall mounted bracket from the back of the fire.



Place the fire on the horizontal and stable surface with glass panel facing up.

Using the 4x M4x10mm supplied. Screw in place the supplied screws, to cover the foot mounting holes to prevent light from leaking through.



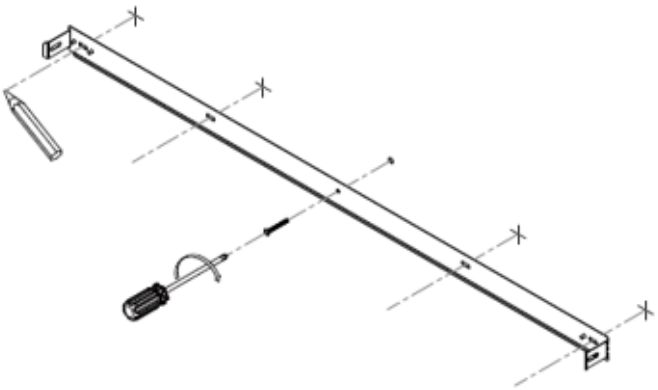
Determine the position of the mounting holes according to the desired installation height.

Measure 300mm upward from the bottom edge of the fire to locate the fixing holes. A recommended bracket height of 700mm is suggested, resulting in a fire bottom clearance of 400mm above the floor, which provides the optimum viewing height. Mark the positions of the fixing holes. Drill and plug the fixing points in the wall using the appropriate fixing for the wall medium.

Note: Screws and plugs have been supplied for us with solid walls only.

See **IMPORTANT NOTE on** page 6 for wall fixing information.

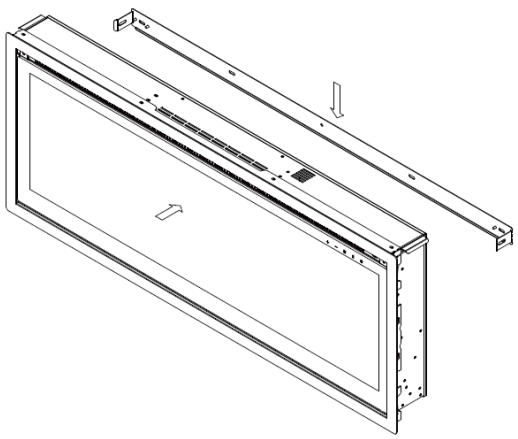
Suspended Fire Installation *Continued…..*



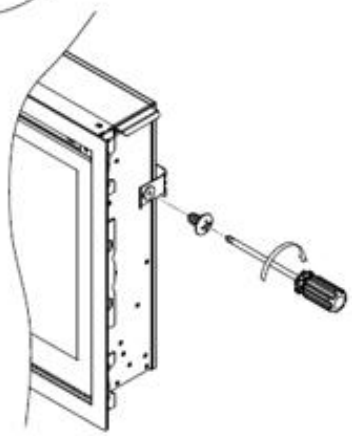
Place the wall bracket level on the wall and securely screw in position using a minimum of 5 screws.

Note: Screws and plugs have been supplied for us with solid wall only.

See **IMPORTANT NOTE on** page 6 for wall fixing information.







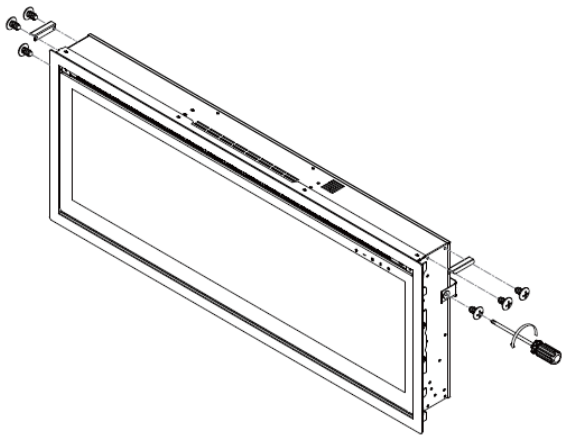
Carefully hang the fire onto the wall bracket, making sure the mounting rail on the fire is fully engaged with the bracket. Secure the fire by refitting the two fixing screws & washers on both sides of the fire.

Ensure that the fire is properly and securely installed.

The fire installation is now complete.

Inset Fire Installation

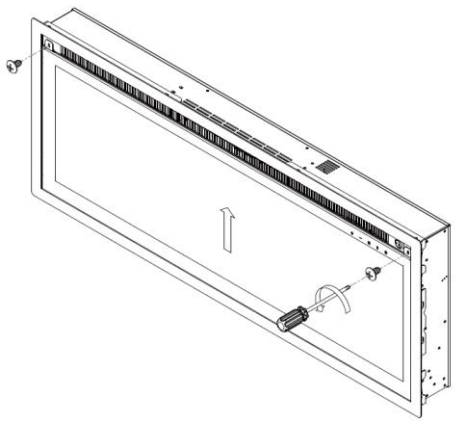
IMPORTANT INFORMATION
Do not connect fire to the power supply until properly installed. The minimum distances must be observed.
For installation of the fire, care must be taken not to damage concealed cables.
The fire is designed to be permanently fixed to a wall at a minimum height of 300mm.
Keep the top of the fire at least 1000mm away from ceiling or other objects for optimum heat ventilation.
Following the below steps:



Using a screwdriver, turn the fixing screws on either side of the fire counterclockwise to remove the wall mounted bracket, fixing screws and washers from the back of the fire.

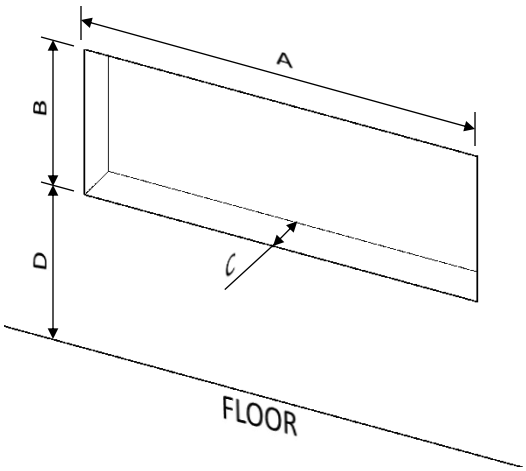
Repeat for the two handle brackets located at each ends of the fire.

Re-install the fixing screws and washers into their original screw holes after removing the brackets, this will ensure there isn't any light bleed when the fire is switch on.



Using a screwdriver, turn counterclockwise to remove the two fixing screws on both sides of the glass front.

Then lift the glass front panel up and out, to remove.

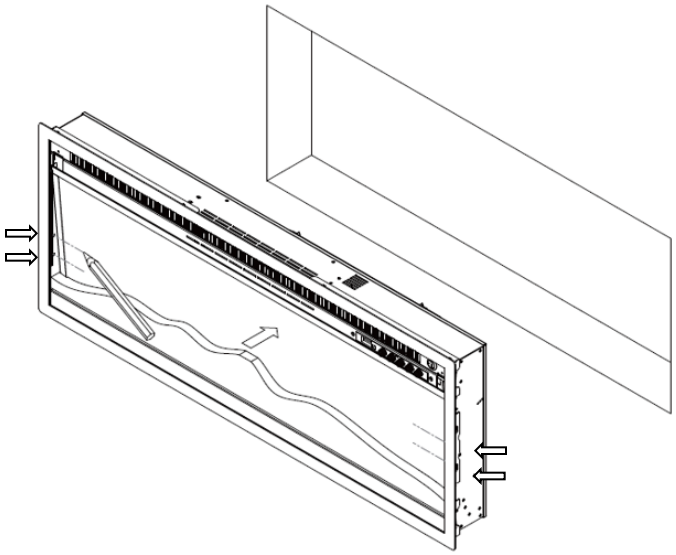


Prepare the installation opening according to the specified dimensions.

Dependent on the wall medium the opening may need to be framed out, or battens added for the side fixings.

Fire	Dimensions (mm)			
	A	B	C	D
1000L- **4414**	997	380	115	400
1250L- **4414**	1251	380	115	400
1500L- **4414**	1505	380	115	400

Inset Fire Installation *Continued…..*

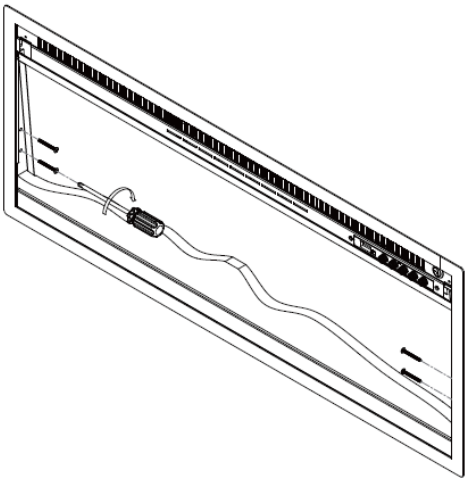


Slide the fire into the opening and ensure the front frame is flush against the wall. Mark the positions of the four fixing holes on both sides of the inner walls.

Remove the fire from the opening.

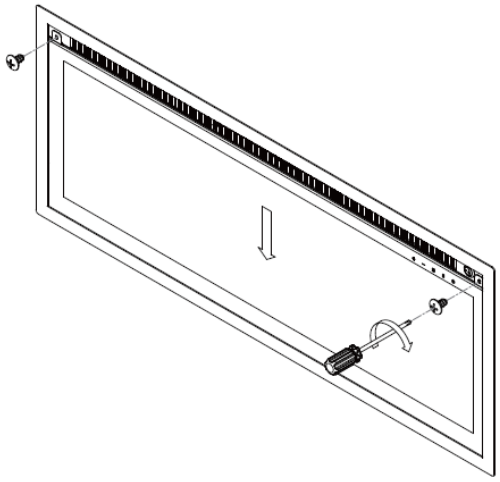
Drill and prepare the fixing points dependent on the mounting material.

See **IMPORTANT NOTE on** page 6 for wall fixing information.



Re-positioned the fire into the opening and secure in place using 4x fixing screws (2 per side) that are appropriate for the wall medium.

Note: Screws and plugs have been supplied for us with solid walls only.



Replace the front glass into the bottom locating slots and position against the fire body. Secure the glass in place with previously removed screws.

The fire installation is now complete.

User Instructions - Introduction

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 meter from the air outlet.

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

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

PREPARATION FOR USE

This appliance can be operated by manual control, remote control or APP. NOTE: To use the appliance the main power switch must be in the 'ON' position.

Batteries

Ensure that the handset batteries are new and inserted correctly.

Main Power Switch

This needs to be switched ON before operating the appliance.
A long beep will be heard to indicate the fire is ready for use.

User Instructions - *Continued*

Manual Operation

NOTE: The heater should be powered on using the ON/OFF switch before it can be operated. The heater only starts working if the set temperature is higher than the ambient room temperature.



	• Heater powered on, set to standby mode • Heater powered off
	• Press to turn the flame effect ON/OFF • Press and hold to toggle between 5 levels flame brightness
	Press to activate low level heating(750W)
	Press to activate high level heating(1500W)
	Press to decrease the temperature
	Press to increase the temperature

User Instructions - *Continued*

Remote Operation

NOTE: The heater should be powered on using the ON/OFF switch before it can be operated.
The heater only starts working if the set temperature is higher than the ambient room temperature.

	Press the button to turn the flame effect ON/OFF
	Press the button to set day and time
	Press the button to turn timer ON/OFF
	Press the button to set timer
	Press the button to confirm the selection
	Go up in menu (change day) Press the button to set off time of low-power mode
	Go down in menu (change day) Press the button to set on time of low-power mode
+	Press the button to increase the temperature Press to the button increase the hour and minute
−	Press the button to decrease the temperature Press the button to decrease hour and minute
	Press the button to cancel the selection
A	Press the button to turn adaptive mode ON/OFF
	Press the button to toggle between 5 levels flame brightness
	Press the button to activate low level heating(750W)
	Press the button to activate high level heating(1500W)



Maintenance

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

Cleaning the Fire

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.

Troubleshooting

Problem	Solution
The fire is not switching on	Ensure the mains switch is on. Replace the fuse in the plug
The fire is not emitting heat	Check the heating temperature is set higher than the room temperature
The fire Shuts off after a period of time	The room has reached the set temperature. Has the daily timer been set.
Remote not operating the fire	Check / change batteries in the remote

Should you be experiencing any problems with your fire please call Customer Services on 01914300901 or email us at customerservices@bemodern.co.uk

General Information

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 obligation 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 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.



RoHS stands for Restriction of Hazardous Substances and impacts the entire electronics industry and many electrical products as well. The Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, originated in the European Union in 2002 and restricts the use of six hazardous materials found in electrical and electronic products. All applicable products in the EU and UK market since July 1, 2006, must pass RoHS compliance.

Electric Fire Guarantee

The IQFX Fire comes with a **1 Year** warranty as standard, providing you with reassurance and peace of mind. **This covers parts and labour.**

2 years extended warranty is obtained by registering your product free, within 28 days of purchase at:
https://www.bemodern.com/diamondfireplaces/support/warranty/
After registration you will receive cover for **parts only** in **year 2 & 3.**

Note: Registration is not required for the standard 1 year warranty. If you do not have access to the internet, you may register your product via the below contact telephone number.
For further information on the individual terms of your product warranty, please contact our Customer Service team: on 0191 430 0901 or customerservices@bemodern.co.uk

1. The Guarantee applies to:

a. All products in the ranges manufactured by the 'Company' (but subject to the exceptions below): where:
b. The product has been purchased and installed within the UK and in respect of
c. The initial installation: and in favor of
d. The original purchaser

2. Proof of Purchase must be retained by the Purchaser.

3. The Guarantee does not apply to:

a. Damage or inferior workmanship practices whilst the 'Product' is being installed
b. Damage caused by mis-use of the 'Product' or where normal standards of care and use have not been complied with.
c. Damage through a malfunction or an inadequately installed electric fire.
d. Damage or defects due to mis-use, accident or unauthorised alterations**.**

4. During the guarantee period after the 'Product' has been supplied, the Guarantee covers the making good (whether by repair or replacement at the Company's option) of defects arising from defective manufacture of materials of "Product" covered in Para 1 all at no cost to the purchaser on the provision:

a. The Product has been installed as per Be Modern recommendations. The Purchaser uninstalls the Product and makes it available for collection
by Be Modern.

This Guarantee does not affect your statutory rights

On requiring service, the purchaser should contact the retailer who supplied your product who will assist and advise you as necessary.

Be Modern Ltd.
19-34 Bedesway
Bede Industrial Estate
Jarrow
Tyne and Wear
NE32 3BE
Tel: (0191) 430 0901
Fax: (0191) 430 9522
Website: Bemodern

ERP Table

Contact details	BE MODERN LTD 19/34 BEDESWAY, BEDE INDUSTRIAL ESTATE, JARROW, TYNE & WEAR, NE32 3BE

Model identifier(s): 4414

Item	**Symbol**	**Value**	**Unit**		**Item**	**Unit**
Heat output					Type of heat output / room temperature control (select one)	
Nominal heat output	P_{nom}	1.500	kW		single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P_{min}	0.750	kW		two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	$P_{max,c}$	1.500	kW		with mechanic thermostat room temperature control	[no]
Power consumption					with electronic room temperature control	[no]
In off mode	P_o	0.00	W		electronic room temperature control plus day timer	[no]
In standby mode	P_{sm}	0.43	W		electronic room temperature control plus week timer	[yes]
In idle mode	P_{idle}	N / A	W		Other control options (multiple selections possible)	
In network standby	P_{nsm}	N / A	W		room temperature control, with presence detection	[no]
Standby mode with display of information or status			[yes]		room temperature control, with open window detection	[no]
Seasonal space heating energy efficiency in active mode	$\eta_{S,on}$	92	%		distance control option	[no]
					adaptive start control	[yes]
					working time limitation	[no]
					black bulb sensor	[no]
					self-learning functionality	[no]
					control accuracy	[no]