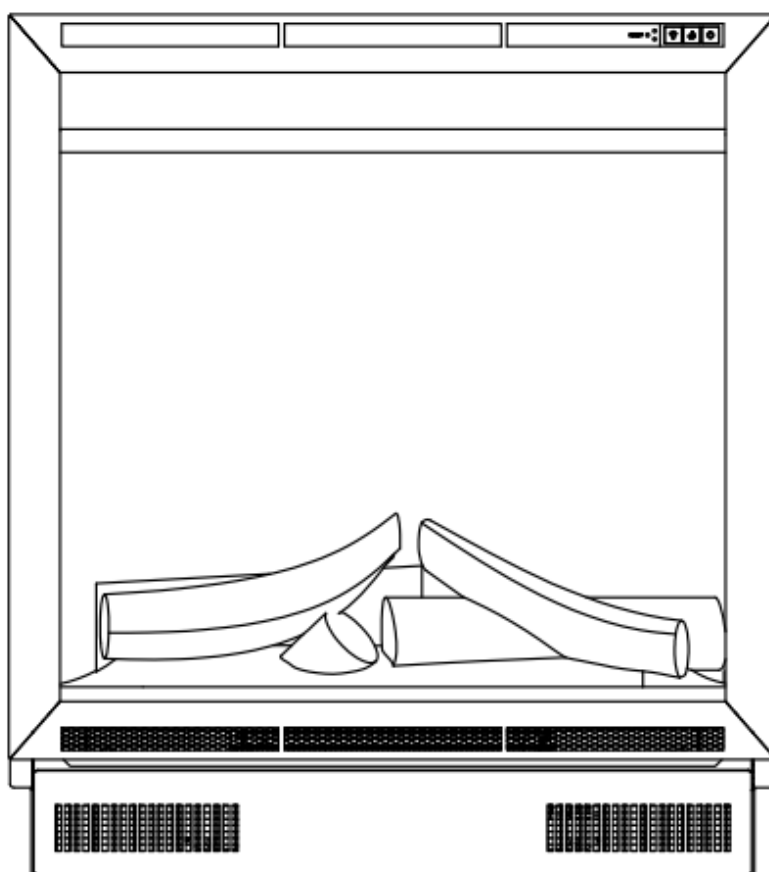


bemodern

FIRES | FIREPLACES

Instructions For Operation

Model No.2603 HE900E / 2604 HE950LE



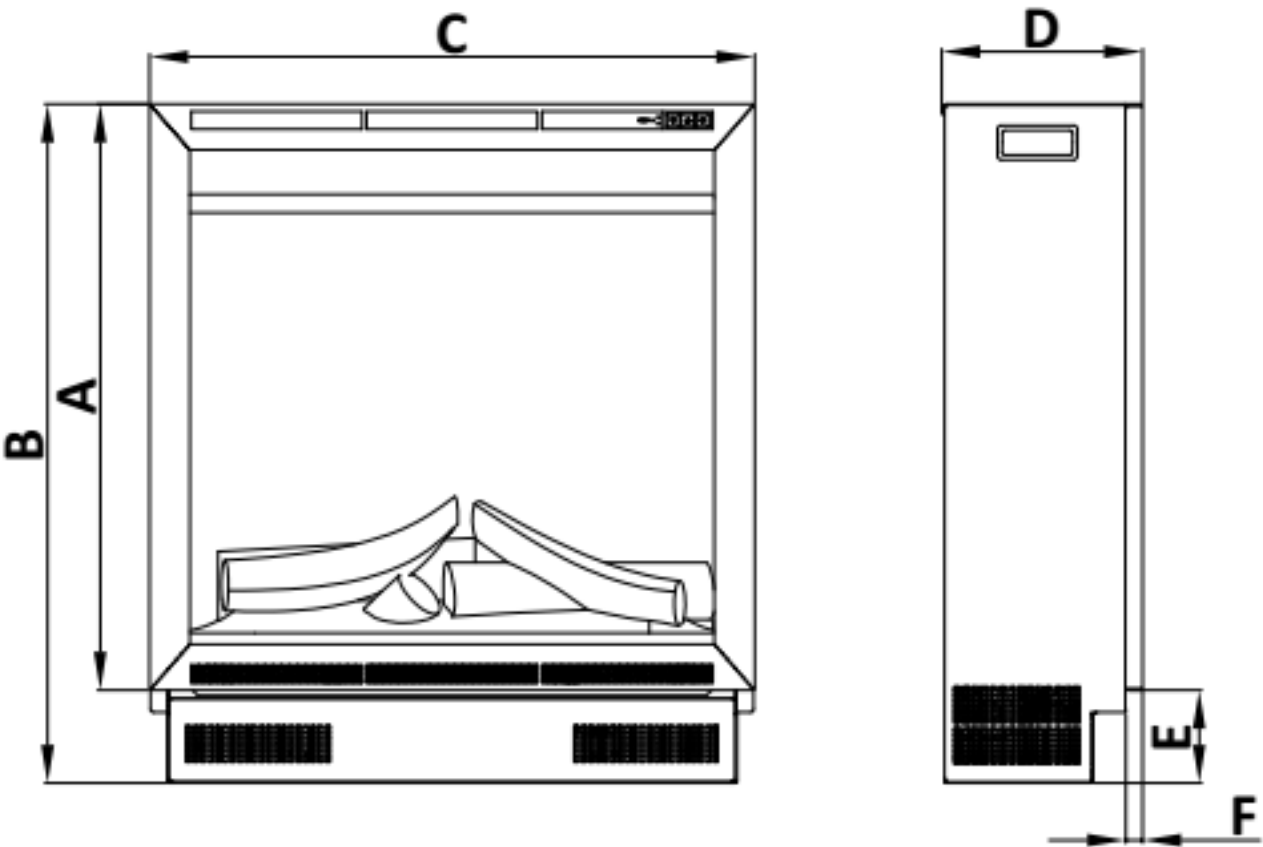
**Electric Inset Fire
with Remote Control**

Read these instructions thoroughly before use and keep for future reference.

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Technical Specification and Contents



MODEL	A	B	C	D	E	F
2603 – BM900Elec	640	742	660	165	102	18
2604 – BM950Elec	520	622	800	165	102	18

A		B	
Remote Handset x 1		AAA Battery x 2	
D			
ST4*12 Screws x 4		c) Manual Instruction x 1	

Tolerance **+2MM/- 0mm**

Heating Specification

Model No.: 2603 (900) / 2604 (950)
 Supply Voltage: AC 230-240V 50Hz
 Maximum power consumption: 2KW
 Power for flame effect:
 2603 (900): 20.5W (LED 12.5W + Motor for flame 8W)
 2604 (950): 25W (LED 17W + Motor for flame 8W)

Heat Output:

Nominal heat output (P_{nom}): 2KW
 Minimum heat output (indicative) (P_{min}): 0.925KW
 Maximum continuous heat output (P_{max}): 2KW

Auxiliary Electricity Consumption:

At nominal heat output (e_{lmax}): 12.5W
 At minimum heat output (e_{lmin}): 12W
 In standby mode (e_{lSB}): 0.38 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	No
With adaptive start control	Yes
With working time limitation	No
With black bulb sensor	No
Self-learning functionality	No
Control accuracy	Yes

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.

If the fire is to be placed in front of an existing chimney opening and there is any risk of chimney debris falling down onto the fire or drafts from the chimney it is recommended that the flue or opening is sealed off with non-combustible non-fibrous insulation materials. Do not place into an existing fireplace that is prone to dampness. Should it be necessary to cap and seal the chimney to prevent personal injury, a professional should be hired to do the work

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 and 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.

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.

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

The meaning of this symbol  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.

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

Keep the power cord 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 fumes 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 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.

Children and vulnerable people must be supervised at all times when using this appliance, as some parts can become very hot and cause burns.

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.

Important Safety Information *Continued.....*

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

Children aged from 3 years and less than 8 years only can switch on / off the appliance provided that it has been placed or installed in its intended normal operating position and instructions and supervisions concerning the safe way of the use of the appliance are offered. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

This appliance shall not be played with by children.

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

Keep the power plug accessible after installation.

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.

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.

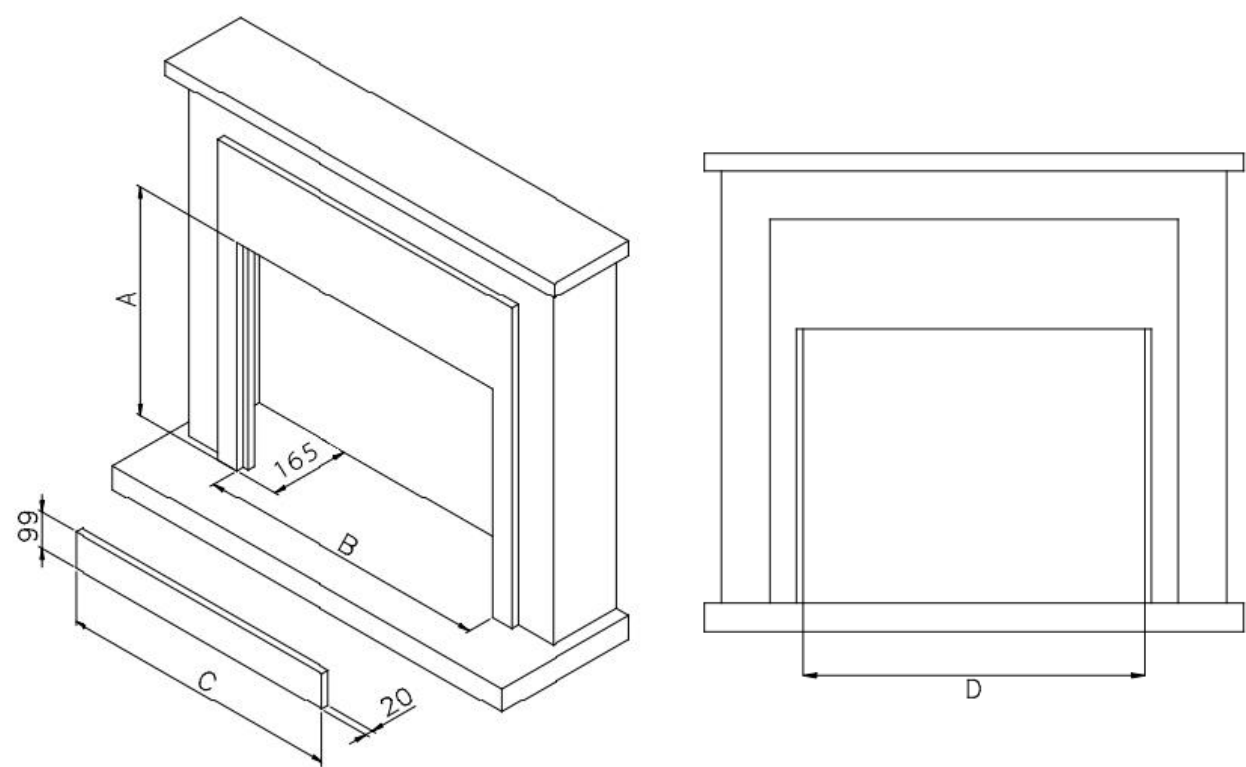
Installation Instructions

Tools Required - A screw driver will be needed.

Locating the Appliance

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

- For best results, install out of direct sunlight
- The appliance should be connected to an earthed electrical outlet and it must be easily accessible to allow disconnection.
- If installing in an existing fireplace and chimney always block the chimney with fibreglass insulation or similar, to prevent it sucking air away through the appliance. Failure to do this may cause poor performance and loss of heat or make the appliance cut out.

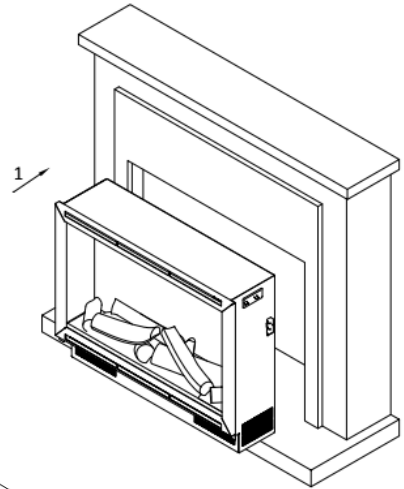


MODEL	A	B	C	D
2603 (BM900Elec)	744	663	660	633
2604 (BM950Elec)	624	803	800	773

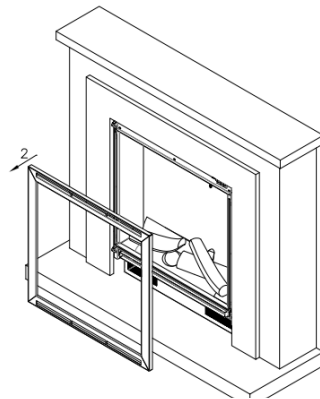
Installation Instructions

Installation into a fireplace opening / insert

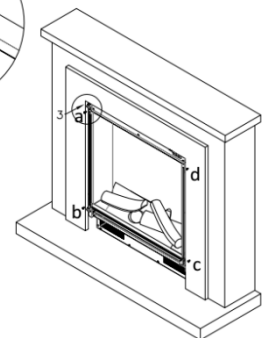
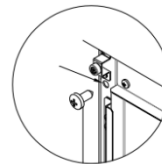
Find a safe and proper location and put the mantle firmly against the wall. Fully recess the appliance from the front into the mantle making sure the back of the appliance is firmly against the wall.



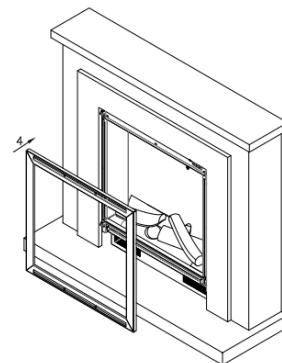
Carefully remove the front trim from the appliance and put it in a safe place to prevent damage.



Mark the 4 hole positions a, b, c and d on the mantle and then fix the appliance with 4 ST4*12 screws.

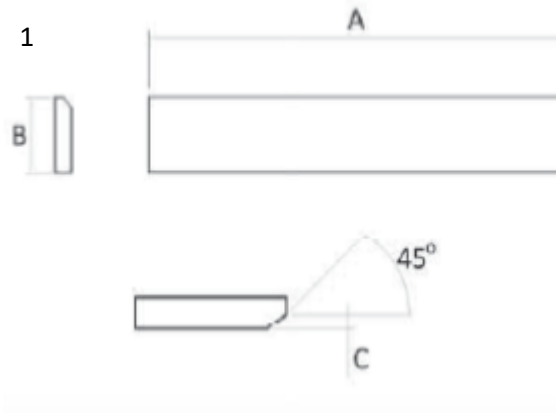


Re-install the front trim to the appliance

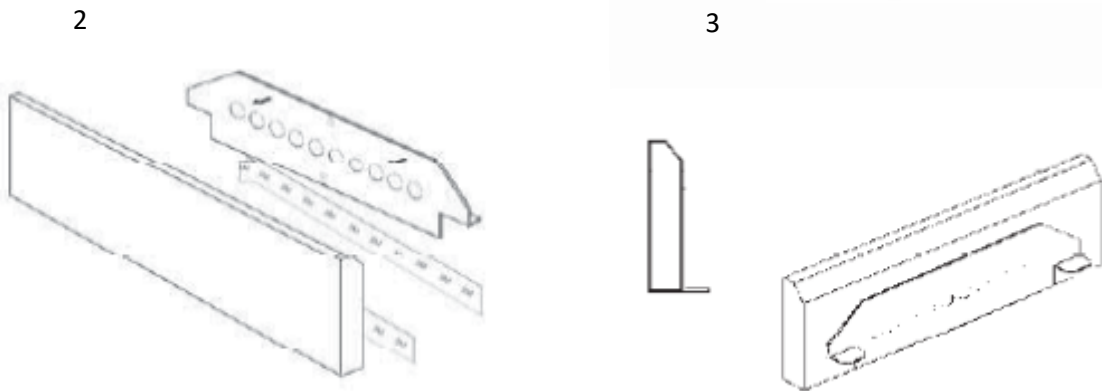


Installation Instructions

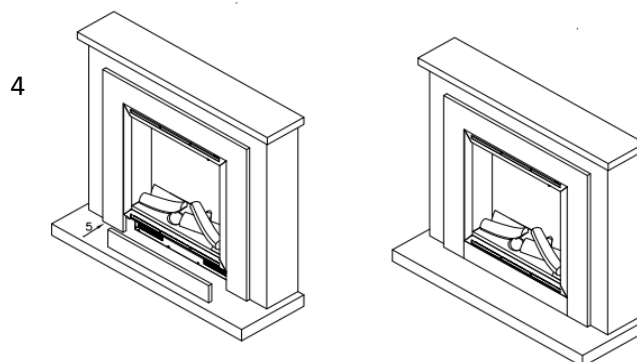
Affix the metal strip to the rear of the marble plinth by following the below steps 1-4



Apply the double sided tape to the rear of the rear face of the metal plate, then affix to the rear of the marble plinth. Take care to ensure it is fitted centrally with the bottom edges aligned.



Locate the small board beneath the air outlets of the appliance and then push in the board upright along the edges of the left and right of the appliance. Make sure the small board is fully recessed. Use the two adjustable magnets on the appliance to align the front edge of the marble with the mantel. The installation is completed.



User Instructions – Manual Controls

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 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.

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

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.

Main Power Switch

The mains power switch is located on the control panel locating on the right- hand side of the heater box.

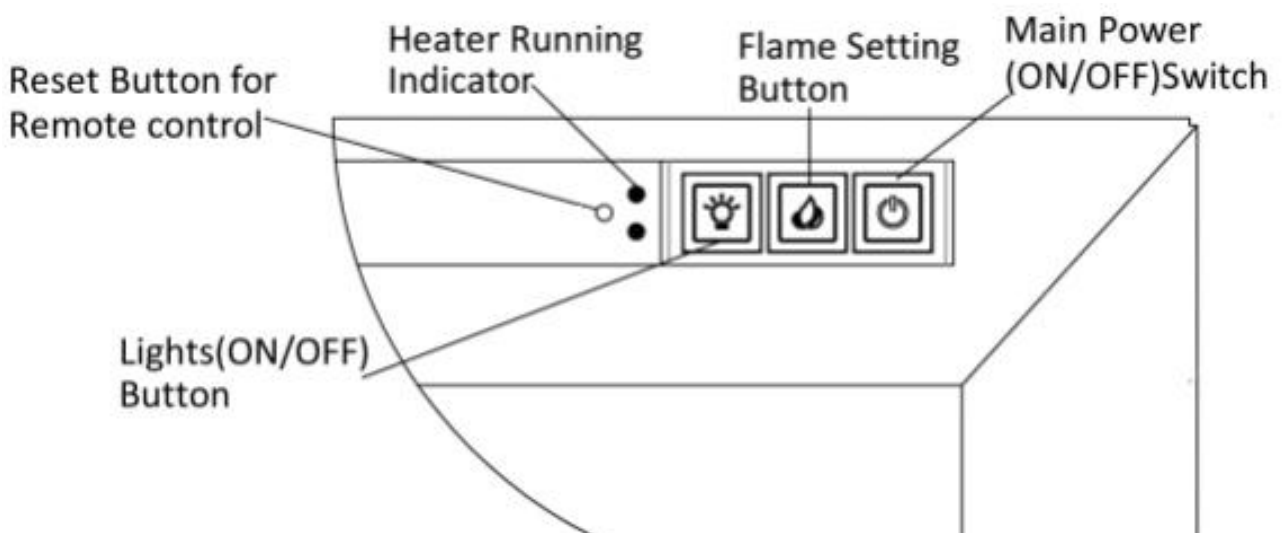
Switch ON before operating either the remote or manual controls.

A long beep is heard to indicate the fire is ready for use.

The manual buttons are located at the upper right hand-side of the appliance.

Press “LIGHTS ON / OFF” to turn on or turn off the flame effect.

Press “FLAME” button to select or cycle through the colour of flames (3 kinds).



User Instructions – Remote Control

NOTE: To use the remote the main on / off switch must be in 'ON' position. 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.

Batteries

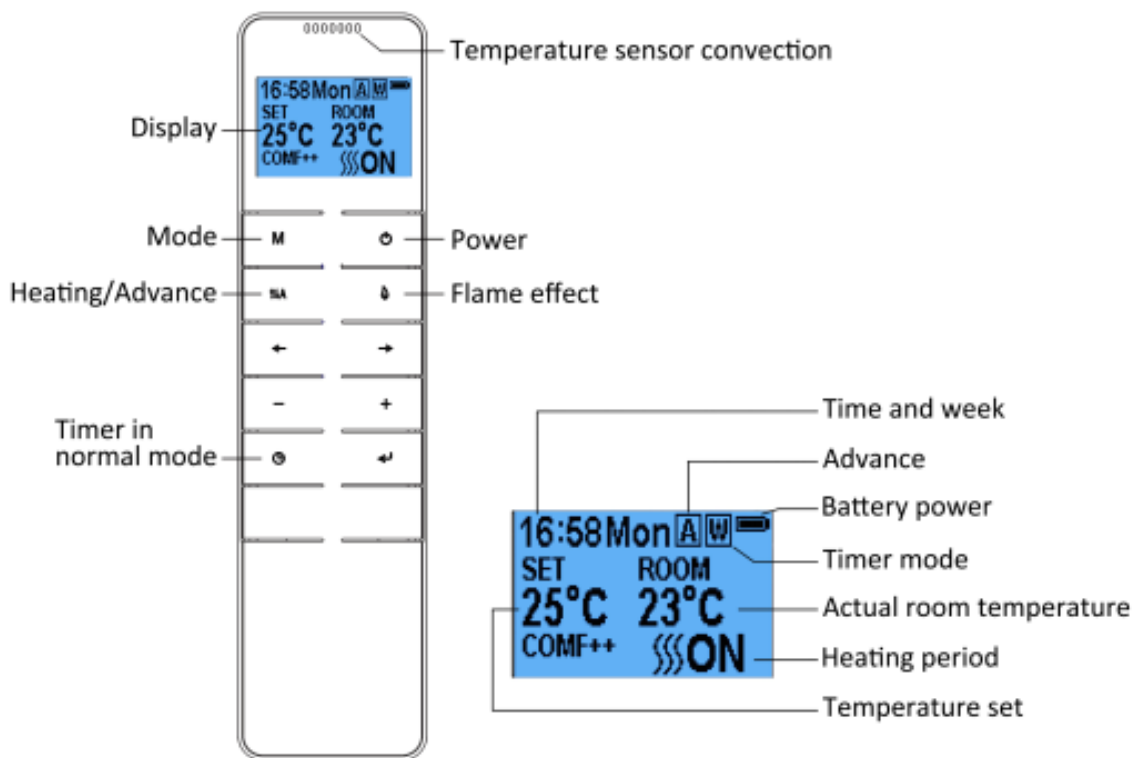
Ensure that the handset batteries are new and inserted correctly.

Main Power Switch

The mains power switch is located on the control panel locating on the right- hand side of the heater box.

Switch ON before operating either the remote or manual controls.

A long beep is heard to indicate the fire is ready for use.



NOTE: This is thermostatic remote control. The remote should be in the same room as 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 thermostatic reading.

The communication frequency between the fire and remote has already been set up. If you cannot use the remote with the fire, please follow instructions Step.6b31 to initiate the connection.

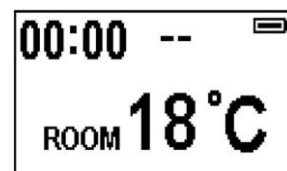
User Instructions – Remote Control

Standby for Remote Handset

The screen shown to the right is when the remote handset is in standby mode.

Turn on / off

Press  to turn on the flame effect, or turn off flame effect and heater when in normal mode.



Before day / time setup

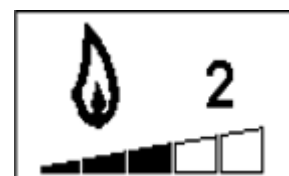


After day / time setup

Flame Effect

Press  to enter the flame effect adjustment screen

Press the '←' and '→' button to select the 3 kinds of flame effect.

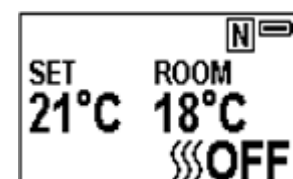


Press the '+' and '-' button to select the 5 brightness settings of the flame effect or the OFF setting.

Normal Mode

Normal control mode is factory set. If it is not, then press the **M** button until the **N** logo shows up at the upper right corner of the screen.

Press the '+' and '-' button to adjust the temperature from 17°C to 25°C adjustment is in 2°C intervals.



Press  **A** button to turn on / off the heater  ON,  OFF will be shown at the lower right of the screen

NOTE: It is normal for the fan heater to stop running for periods of time. This happens because the room temperature is at or above the temperature set on the remote control. The heater indicator will be turned off after 10s if you have the flame ON. The heater indicator will stay ON if you use the heating function only.

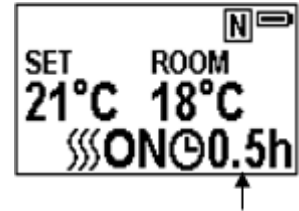
User Instructions – Remote Control

Count Down Timer

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

Press  to cycle through the settings from Off and 0.5 hours to 9 hours. The timer logo and time will show on the screen.

The heater must be in the ON position.



The heater can be automatically run by using daily timer and weekly timer on the remote.

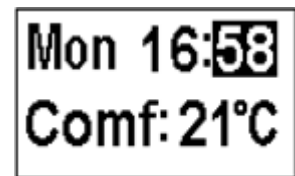
Set up Day, Time and Comfortable temperature.

Press  to turn on the remote handset. Hold the button **M** for three seconds to enter the setting screen

Press the '←' and '→' button to choose Day, Time or your comfortable temperature. The character selected will be highlighted

Pressing the '+' and '-' button will adjust the number

- Time: 24-hour system
- Select your comfortable temperature from 15-25°C.
- Temperature unit: °C、°F

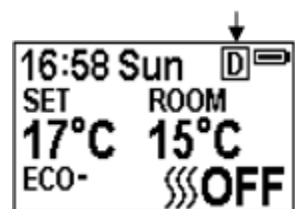


Daily Timer Heating

The following are pre-set heating periods, which can be altered if desired

- 06:00 until 08:30
- 17:00 until 22:00

Press **M** until  shows at the upper right corner of the screen, then enter the daily timer heating mode



Hold the arrow symbol button  for 6 seconds to enter The daily timer setting a maximum of 3 timed Heating periods can be set per day.

Press '←' or '→' to choose hour or minute press '+' or '-' to set the time. The minute will increase / decrease by 15 minutes per press. Hold  for 3 seconds or wait for 10 seconds to save and exit the heating time period setting



User Instructions – Remote Control

Adjusting the set temperature

Press the '+' or '-' button to increase or decrease the temperature on the basis of your comfortable temperature setting.

ECO means 2°C lower than your comfortable temperature setting

ECO- means 4°C lower, COMF+ means 2°C higher, COMF++ means 4°C higher

To check your daily timer settings, press 

If the heating needs to be turned off, it will be necessary to go back to the Normal Mode to turn off.

Week Timer Heating

The following are pre-set heating periods, which can be altered if desired

From Monday to Friday

06:00 until 08:30

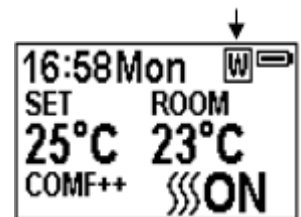
17:00 until 22:00

From Saturday to Sunday

06:00 until 09:30

11:00 until 13:00

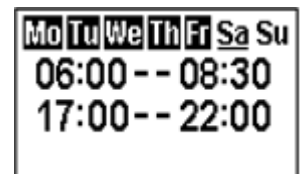
17:00 until 22:00



Press **M** until **W** shows at the upper right corner of the screen, then enter the week timer heating mode

Hold  button for 6 seconds to enter the week timer setting

Press '←' or '→' to move the cursor (a flashing underline) press the  button in the corresponding week position to select (the character is highlighted) or cancel (the character is displayed normally) the current setting. Several days can be selected together.



- Press the '→' button to move the cursor to the time period setting area.
- Press '←' or '→' to choose hour or minute, press '+' or '-' to set the number
- Maximum of 3 heating periods for a day
- Minute will increase / decrease by 15 minutes per press
- Press the  for 3s or wait for 10s to save and exit the heating time period setting.
- Press  '←' and '→' to check your week timer settings.
- If heating needs to be turned off, it will be necessary to go back to the Normal Control Mode to turn off



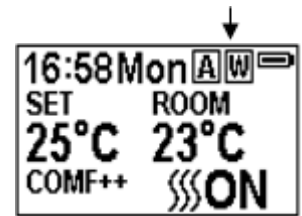
User Instructions – Remote Control

Advance Mode

Under the daily and weekly timer mode press  **A** to turn the heater off when the heater is on during a pre-set heating period or to turn the heater on when the heater is off in between pre-set heating periods

Adaptive Start Control

Depending on the room temperature and the 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 transmitter detects a rapid drop in room temperature, it will be judged as a window open, the warning icon will be displayed on the handset and the heating will be turned off automatically.

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



Set up the communication between the remote and appliance

Hold the reset button on the appliance for 3 seconds (a pen point may be needed) until you hear 3 short beeps from the unit, release the button. Press the  button on the remote, the programming is finished when you hear 1 long beep from the appliance.

Resetting the code for remote control is necessary if the appliance operates wrongly or the remote control does not operate correctly.

- Open the back cover of the remote control.
- Press the Reset button on remote handset.
- Follow the steps 6b.31



Remote Handset Battery Replacement

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

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

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

Battery replacement is recommended after 1 year. The batteries are 1.5V alkaline AAA, batteries
Dispose of old batteries at an appropriate recycling facility

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.

The heater uses an electronically controlled LED system to create the flame effect therefore no parts need to be replaced. Under no circumstances should the heater be serviced by anyone other than a qualified electrician.

Battery replacement is recommended after 1 year. The batteries are 1.5V alkaline AAA, batteries.

Dispose of old batteries at an appropriate recycling facility.

Safety Cut-out

This heater is fitted with a safety cut-out which will operate if the heater overheats (e.g. Due to blocked air vents). For safety reasons, the heater will NOT automatically reset. To reset the heater, disconnect the heater from the mains supply for at least 15 minutes. Reconnect the supply to the mains and switch on the heater.

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 temperature of the fire 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.
The heater switched off and won't come back on	The safety cut out has operated due to the fire overheating, check inlets and outlets for blockage.

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

Electric Fire Guarantee

Be Modern Ltd. (the 'Company') provides a **twelve month** guarantee in respect of electric fire (the 'Product') ranges.

1. The twelve month 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 twelve month 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 twelve month 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](http://www.bemodern.com)

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 Photobiological Safety Standards of LED 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 Photobiological Safety Standards of LED BS6247 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.

ERP Table

Contact details		BE MODERN LTD 19/34 BEDESWAY, BEDE INDUSTRIAL ESTATE, JARROW, TYNE & WEAR, NE32 3BE				
Model identifier(s): 900, 950						
Item	Symbol	Value	Unit		Item	Unit
Heat output					Type of heat output / room temperature control (select one)	
Nominal heat output	P _{nom}	1.85 - 2	kW		single stage heat output and no room temperature control	[no]
Minimum heat output (indicative)	P _{min}	0.925	kW		two or more manual stages, no room temperature control	[no]
Maximum continuous heat output	P _{max,c}	2	kW		with mechanic thermostat room temperature control	[no]
Power consumption					with electronic room temperature control	[no]
In off mode	P _o	0	W		electronic room temperature control plus day timer	[no]
In standby mode	P _{sm}	0.38	W		electronic room temperature control plus week timer	[yes]
In idle mode	P _{idle}	0.38	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			[no]		room temperature control, with open window detection	[yes]
Seasonal space heating energy efficiency in active mode	η _{S,on}	96	%		distance control option	[no]
					adaptive start control	[yes]
					working time limitation	[no]
					black bulb sensor	[no]
					self-learning functionality	[no]
					control accuracy	[yes]