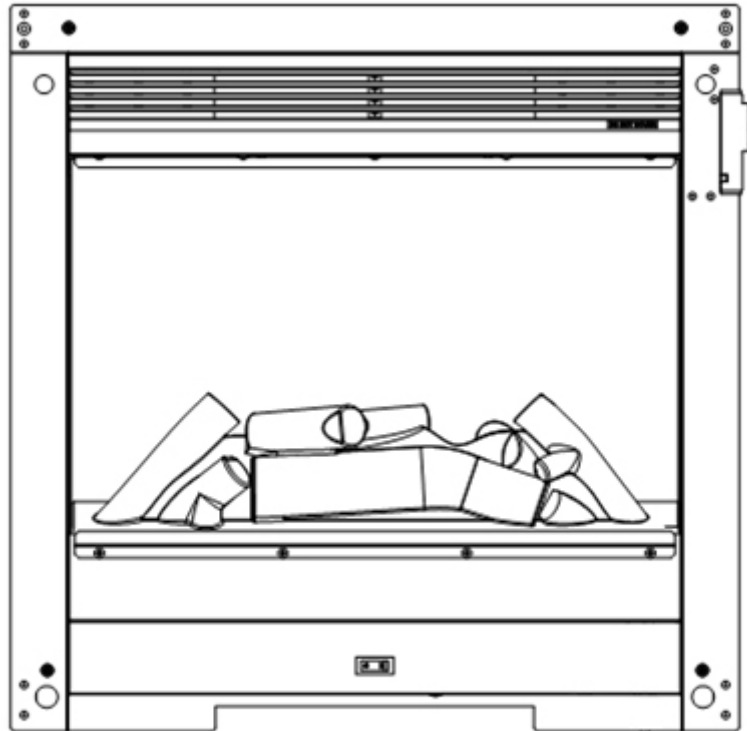


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FIREPLACES & STOVES | BATHROOM FURNITURE

## (Model BM06 - Elec) 2kw Electric Heater Fire User / Installation instructions



**These instructions should be read carefully and retained for future reference.**

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## **IMPORTANT NOTES**

For indoor use only

This appliance is not suitable for use outside the house and only suitable for well insulated spaces or occasional use.

This heater must not be located immediately below a fixed socket outlet.

Do not use the heater in the immediate surrounds of a bath, a shower, or a swimming pool.

Do not cover this heater, or obstruct the air inlet or outlet, otherwise there is a risk of overheating.


The heater must be cooled down completely before any maintenance.

This heater must be fixed against a vertical surface.

After unpacking, please make sure that the appliance is intact, with no signs of damage caused by transport. If in doubt, do not use the appliance and contact the Service Centre.

During normal operation this appliance will emit noise from the internal fan unit.

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.

The meaning of this figure  shown on the front of the appliances is WARNING: "DO NOT COVER".

Children should be supervised to ensure that they do not play with the appliance or remote control.

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.

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. Cleaning and user maintenance shall not be made by children without supervision. 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 and vulnerable people must be supervised at all times when using this appliance, as some parts can become very hot.

Do not use this appliance as a primary heat source.

Ensure that furniture, curtains and other combustible materials are positioned no closer than 1m from the front of the fire.

If this fire is supplied through an extension cable, please ensure that it is the only appliance plugged into the extension and that the instructions for the extension cable / reel are followed.

**CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal 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 the utility.

This appliance must be positioned so that the plug / fused spur is accessible.

In the event of a fault please disconnect the fire from the mains supply.

**Warning:** This appliance must be earthed

## TECHNICAL SPECIFICATION

Model NO.: BM06 Elec

Supply Voltage: AC220V-240V 50Hz

Maximum power consumption: 2KW

Heat Output:

Nominal heat output (Pnom): 2KW

Minimum heat output(indicative) (Pmin): 1KW

Maximum continuous heat output (Pmax): 2KW

Auxiliary Electricity Consumption:

At nominal heat output (elmax): 12.5W

At minimum heat output (elmin): 12W

In standby mode (elSB): 0.36W

Type of heat output / room temperature control

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

## PART LIST

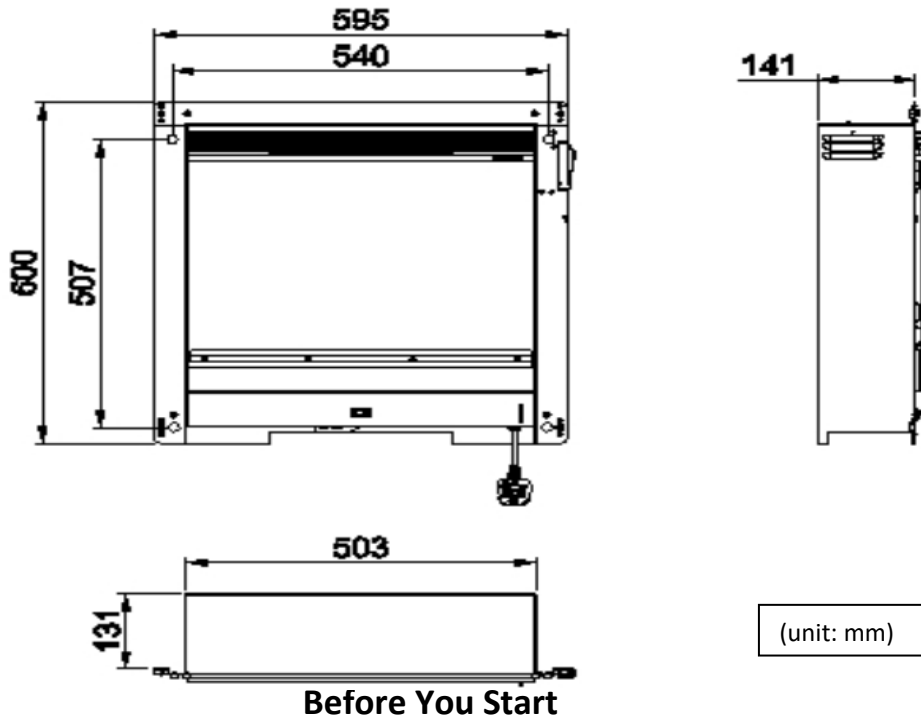
Please unpack carefully ensuring that any loose parts and all packing items are removed. Read any warning labels carefully (see Maintenance Section). Place waste packaging back into box and dispose of RESPONSIBLY

1.Screws	4pcs
2.Instruction Manual	1pc
3.Remote Control	1pc
4.AAA battery	2pcs

## FIRE INSTALLATION

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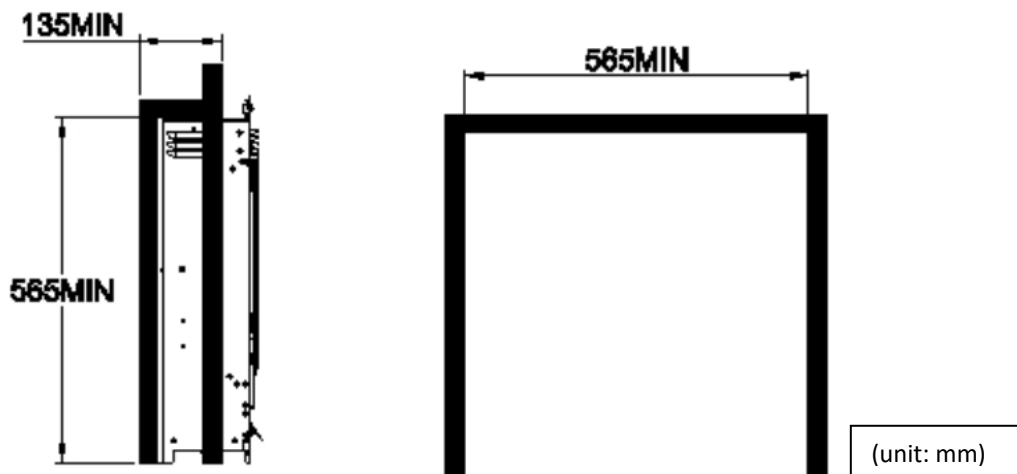
- The appliance Data Plate is located Underneath the Heater box—Disconnect from the mains supply before removing the Glass as described in the maintenance section.
- Required for installation: 4 off screws and plugs suitable for the wall media (Not supplied).
- The surround/appliance must be positioned so that plug (fused spur) is accessible. Only when you are certain that you have completed the installation should you plug in and switch on at the wall socket.
- This fire should not be installed into an open/existing fireplace without the opening being professionally blanked off to reduce the risk of a back draught, which could cause the safety cut-out to operate.
- Check that the supply voltage details on your flame effect fire are in accordance with your electrical supply. Your fire is fitted with a plug incorporating a 13 Amp fuse. In the event of replacing the fuse in the plug supplied, a 13 Amp fuse approved by ASTA to BS 1362 must be used. Before switching on, please read the following fire installation instructions.
- In the event of any problems please contact: **Be-Modern Helpline on 0191 430-0901.**

### **Recommended Suite Installation Dimensions**

#### **Installation**

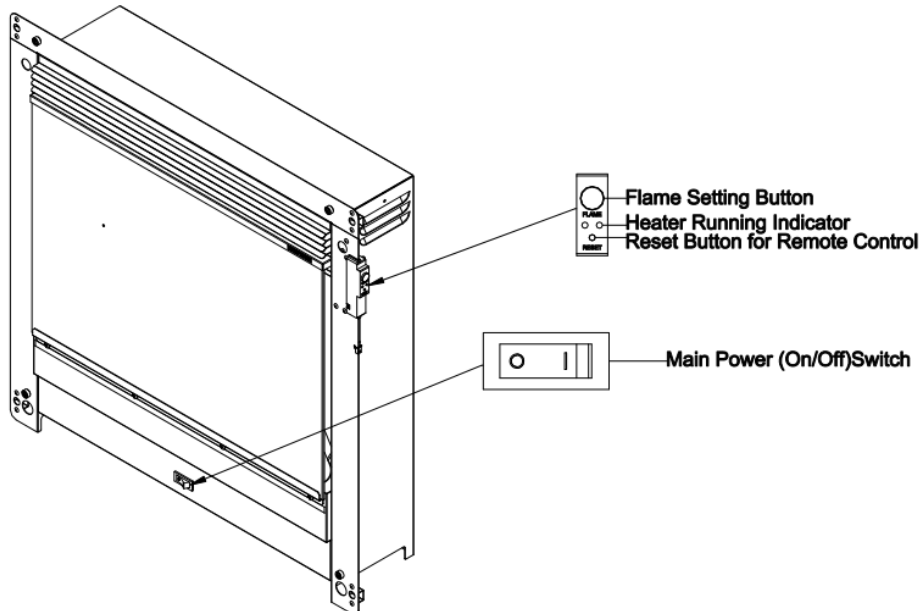
- Ensure that the mains power is isolated to the fire plug / socket point.

- Offer the fire into the appliance as shown.
- Mark on the wall the positions of the fixing points on the side flanges of the fire.
- Remove the fire from the opening.
- Drill and plug the wall holes using suitable fixings.
- Connect the fire to the plug / socket.
- Offer the fire back into the opening and using suitable screws fix the fire in position.
- Fit the trim to the magnets provided on the fire.
- Restore power to the plug / socket.





## OPERATION BY MANUAL BUTTON



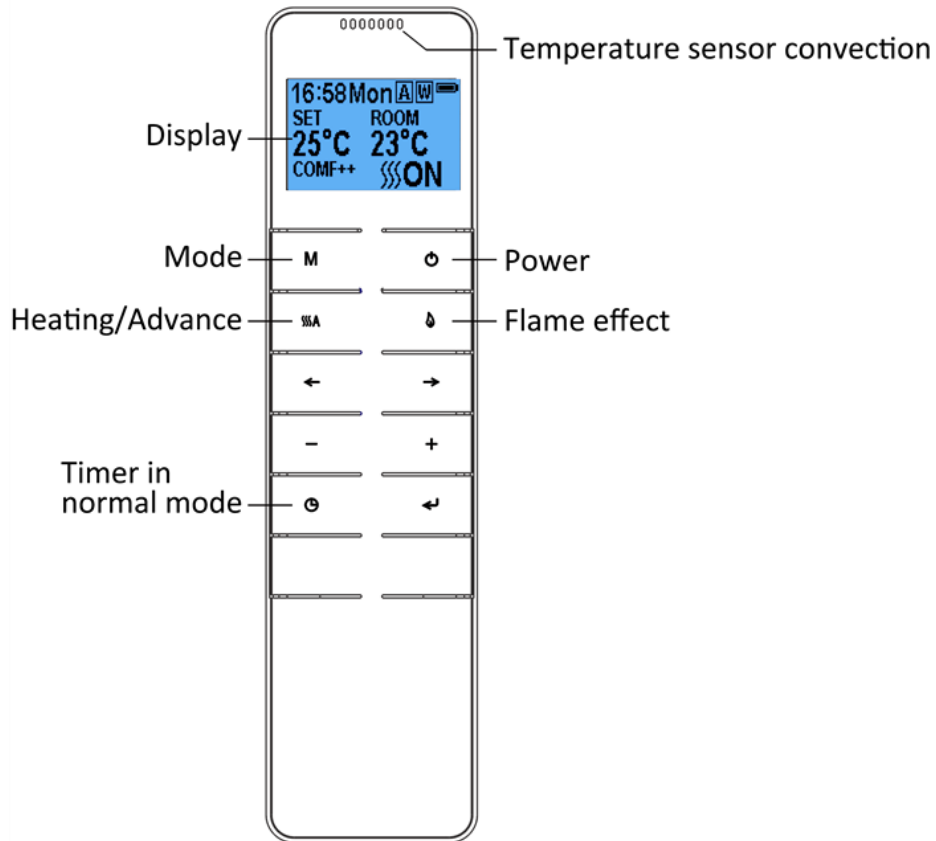
**MAIN POWER (ON / OFF) SWITCH:** The main switch is on the bottom front of product, and it supplies power to all of the functions of the fireplace. This switch must be in the “ON” position for any of the functions including the remote to work.

**FLAME SETTING BUTTON:** By pressing the FLAME button, the unit will cycle through four flame effect settings (high, medium, low and off)

**HEATER RUNNING INDICATOR:** If the appliances heater is on and the flame and mood light are simultaneously turned off, the heating running indicator light will stay on. If the appliances heater is on and the flame or mood light is turned on, the heating running indicator will be extinguished after 10 seconds.

**RESET BUTTON FOR REMOTE CONTROL:** If the appliance operates wrongly or the appliance cannot be controlled by the remote, it might be necessary to reset the communication between the remote and the appliance. See section **OPERATION BY REMOTE CONTROL-R32** for more details.

## OPERATION BY REMOTE CONTROL



**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 to prevent the hot air affecting the 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 Step. R31 **Setting up the communication between the remote and appliance.**


## Remote Handset in Standby


R1 The screen shown to the right is when the remote handset is in standby mode.



Before Day / Time set up

## Turn on / off


R2 Press  button to turn on the flame effect or turn off flame effect and heater when in normal mode



R3 Press  button to turn on / off the flame effect under daily and weekly timer mode





After Day / Time set up


## Flame Effect





R4 Press  button to enter the flame effect adjustment screen

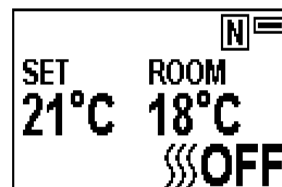
R5 Press the '' or 'A rectangular screen showing a flame icon on the left and the number 2 on the right. Below the number is a progress bar with three segments, the second of which is filled.

## Normal Mode

R7 Normal control mode is factory set. If it is not then press  button until the logo  shows up at the upper right corner of the screen.

R8 Press the '


R9 Press   button to turn on / off the heat,  ON   
OFF will show in the lower section of the screen.

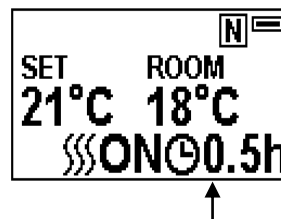


**NOTE:** It is normal for the fan heater to stop running for periods of time. This happens because the room temperature is at or above the temperature set on the remote control.


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.

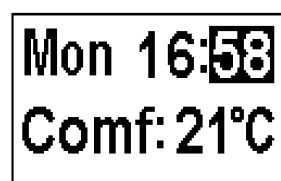
## Count Down Timer



**NOTE: This setting is only for normal mode. It allows the appliance to go into standby after a set period of time.** R10 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.

R11 Press  to turn on the remote handset. Hold the button **M** for 3 seconds to enter the setting screen.



R12 Press the '' and '' button to choose Day, Time or your comfortable temperature. The character selected will be highlighted.

R13 Pressing the '' and '' button will adjust the number.

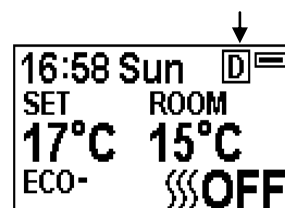
- Time: 24-hour system
- Select your comfortable temperature from 15-25°C.
- Temperature unit: °C, °F


## Daily Timer Heating

R14 The following are pre-set heating periods, which can be altered if desired

06:00 until 8:30

17:00 until 22:00



R15 Press **M** until  shows at the upper right corner of the screen, then enter the daily timer heating mode.

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R16 Hold the arrow symbol button ← for **6 seconds** to enter the daily timer setting. Max 3 timed heating periods per day.

Press '←' or '→' to choose hour or minute, press '+' or '-' to set the time.

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.

Day Timer Setting	
06:00	-- 08:30
17:00	-- 22:00
00:00	-- 00:00

R17 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.

R18 To check your daily timer settings press ←.

R19 If heating needs to be turned off, it will be necessary to go back to the Normal Mode to turn off.

## Week Timer Heating

R20 The following are preset heating periods, which can be altered if desired.

From Monday to Friday

06:00 until 08:30

17:00 until 22:00

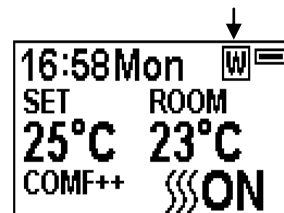
From Saturday to Sunday

06:30 until 9:30

11:00 until 13:00

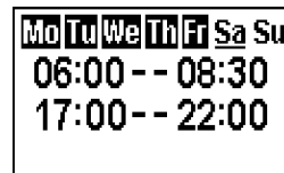
17:00 until 22:00

R21 Press **M** until **W** shows at the upper right corner of the screen, then enter the week timer heating mode.



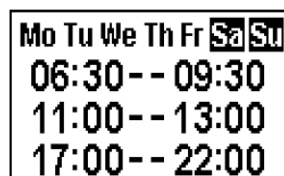
R22 Hold **←** button for **6 seconds** to enter the weekly timer setting

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.

Max 3 heating periods for a day. The minute will increase / decrease by 15 minutes per press.



Press the **←** to set the heating time for the selected day(s) and return to the week line.

Hold **←** for 3s or wait for 10s to save and exit the

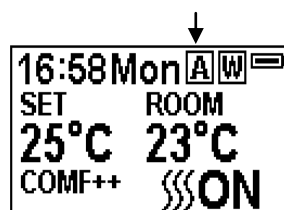
R23 Press **←**, '**←**' and '**→**' to check your week timer settings.

R24 If heating needs to be turned off, it will be necessary to go back to the Normal Control Mode to turn off.

## Advance Mode

R25 Under the daily and week timer mode, press **⋮ A**

R26 To turn the heater off when the heater is on during a preset heating period.



R27 To turn the heater on when the heater is off in between pre-set heating periods.

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## Adaptive Start Control

R28 According to room temperature and set temperature, the heater will automatically come on in time to heat the room to the set temperature at the set time. For example, if your timer is set to start at 18:00 and temperature is set to 23°C, the fire will come on at 17:30 to ensure the room is 23°C at 18:00.

## Window Open Detection


R29 When the transmitter detects a rapid drop in room temperature, it will be judged as a window open, the warning icon will be displayed and the heating will be turned off automatically.

R30 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.



## Setting up the communication between the remote and appliance

R31 The below operations should be carried out before programming, when changing to a new remote or in the event the appliance cannot be controlled by the remote:

- Hold the reset button on the appliance for 3 seconds (pen point may 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

R32 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 the remote control.
- Follow the steps R31



## Resetting the Thermal Cut Out

R33 The appliance is fitted with an Electronic Safety Control (E.S.). This is a safety device, which switches off the fire if, for any reason, the appliance overheats, e.g. when covered.

If the heater stops operating while the flame effect continues working normally, this indicates that the E.S. Control is in operation. The E.S. Control can only be re-set after the appliance has cooled down, and the appliance has been reset. Re-setting of the E.S. Control proceeds is as follows:

R34 Switch off the appliance (Manual On / Off switch) and unplug it from the wall socket or remove the fuse from spur if hard wired, leave it off for approximately 10-15 minutes.

R35 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.

R36 Switch on the appliance and the E.S. Control will be re-set.




R37 Ensure that the appliance is functioning correctly. If the E.S. Control operates again, the appliance should be checked by a competent electrician.

**CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal 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 the utility.

**WARNING: Before undertaking any maintenance or cleaning disconnect your appliance from mains supply and ensure it is completely cool.**

**Only competent persons should service / repair these appliances.**

### 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 undertaking any maintenance or cleaning, ensure appliance is disconnected from mains supply. Only competent persons should service / repair appliance.

**WARNING:** There are no internal user serviceable parts, i.e. bulbs, in this product. Under no circumstance should access be gained to the internal parts other than by a suitably qualified person.

**Please note:** - If the supply cord on this appliance is damaged it must be replaced by the manufacturer, Authorised Service Agent, or a qualified person to avoid hazard.

### ***General Suite Care – not glass***

To maintain the appearance of your new suite we recommend that it is dusted using a lint free cloth. NEVER use any form of abrasives or a DAMP cloth on the surround.

The area around the fire should be kept free of any materials such as lint or house dust (i.e. animal hair/ carpet fibres) that could be drawn into the internal workings of the appliance and hence affect the performance. We recommend that you clean around the fan grille housing at regular intervals. This can be done using standard vacuum cleaner and suitable attachment.

### **Glass Care**

Periodically it may be necessary to remove the glass screen for cleaning, this is achieved by first disconnecting the appliance from the mains supply, then remove the brackets in the top left and right hand corner of the glass screen by unscrewing the 4 screws (2 per side) whilst supporting the glass from the front. With the brackets removed, lift the glass panel upwards and towards to remove the panel from the fire. And place in a clean, soft, safe location for cleaning. When cleaning glass panels use a slightly damp cloth do not use washing powders or any other substance containing abrasives since these substances scratch glass. Refitting is the reversal of this procedure.

## Electric Fire Guarantee

Be Modern Group (the 'Company') provide a **twelve month** guarantee in respect of this electric fire appliance.

### 1. The twelve month Guarantee applies to:

- All 'Products' in the ranges manufactured by the 'Company' (but subject to exceptions below); where
- The 'Product' has been purchased and installed within the UK and in respect of
- The initial installation; and in favour of
- The original Purchaser

### 2. *Proof of purchase must be retained by the Purchaser*

### 3. The twelve month Guarantee does not apply to:

- Damage or inferior workmanship practices while the 'Product' is being installed
- Damage caused by the mis-use of the 'Product' or where normal standards of care and use have not been complied with.
- Damage through a malfunction or an inadequately installed electric fire.
- Damage or defects due to, mis-use, accident or unauthorised alterations.
- 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 discretion) of defects arising from defective manufacture of materials of 'Product' covered in paragraph (1), all at no cost to the Purchaser.

*This Guarantee does not affect your statutory rights*

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



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



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.

#### Hardware and software version:

Control PCB	Remote Control Receiver	Remote Control Transmitter
Hardware: RC01- 040A06 Software: 20171102	Hardware:RF290B V1.2	Frequency: ASK/OOK 433.92MHZ Maximum transmit power:10mW Hardware :RF290A-TX-V1.3 Software:RF290A_C_V2.4.0.hex

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