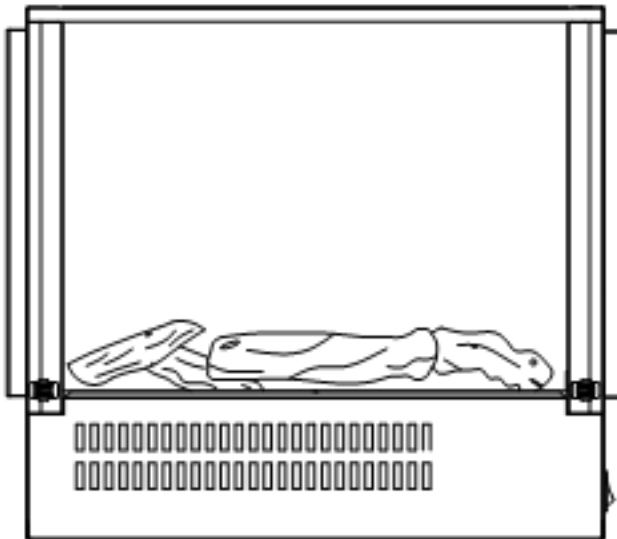


## Remote Controlled 2kW Rotisserie Effect Fan Heater User / Installation Instructions




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

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## IMPORTANT NOTES

- **Read all of the instructions carefully before using the appliance.**
- **For indoor use only. Do not use outdoors.** This appliance is only suitable for well insulated spaces or occasional use.
- Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use this fire as a free-standing appliance. It must always be fixed to a wall, fireplace mantel or floor etc.
- This fire must not be located immediately below a socket outlet.
- 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.
- Do not cover warning: In order to avoid overheating, do not cover the appliance. 

- 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 gas in them (for example petrol), or if you are using solvents, glue, aerosol spray or inflammable 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.
- 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 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, clean the appliance or perform user maintenance.

- Cleaning and user maintenance shall not be made by children without supervision.
- This appliance shall not be played with by children.
- 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.
- The wires in the mains lead connected to this appliance are coloured in accordance with the following code:

Green and Yellow: Earth

Blue: Neutral

Brown: Live

As the colour of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Green and Yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured Green or Green and Yellow.

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured Brown must be connected to the terminal which is marked with letter L or coloured Red.

## TECHNICAL SPECIFICATION

Model No.:MINI BVF

Supply Voltage: AC 230-240V 50Hz

Maximum power consumption: 2KW

Power for flame effect: 4.96W (LED 0.96W + Motor for flame 4W)

Power for mood light: DC12V,2W,0.16A

### **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): 0.3W

### **Type of heat output / room temperature control**

Single stage heat output and no room temperature control	No
Two or more manual stages, no room temperature control	No
With mechanic thermostat room temperature control	No
With electronic room temperature control	Yes
Electronic room temperature control plus day timer	Yes
Electronic room temperature control plus week timer	Yes

### **Other Control Options**

Room temperature control, with presence detection	No
Room temperature control, with open window detection	Yes
With distance control option	No
With adaptive start control	Yes
With working time limitation	No
With black bulb sensor	No

## PARTS LIST

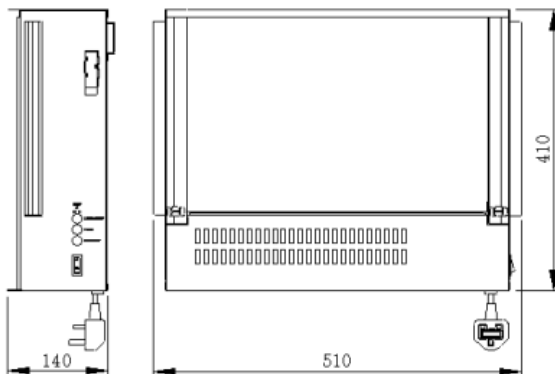
- Unpacking the fire carefully, make sure that the appliance is intact with no signs of damage caused by transport and no part has been exposed to water. If in doubt, do not use the appliance and contact an authorised service centre.
- Keep plastic wrapping away from children.
- Save the original packaging as this may be required in the event of service complaint with product.
- Check that all parts are removed from the packing.

1. Long Screws	4pcs
2. Plastic Wall Plug	4pcs
3. Remote Control Unit (Inc Battery)	1pc
4. Small Screws	4pcs
5. Small Wall Brackets	2pcs
6. Instruction Manual	1pc
7. Deflector Bracket (Option)	1pc

## FIRE INSTALLATION

Dimension

Unit: mm

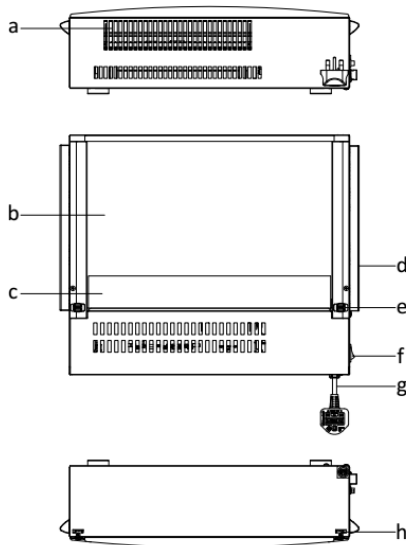


**The appliance must be positioned so that the plug is accessible. Only when you are certain that you have completed the installation should you plug in and switch on at the wall socket.**

**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.

**Description of the appliance (Fig. A)**

- a. Switches
- b. Flame Effect Screen
- c. Fuel Bed
- d. Front Panel
- e. Power Cord
- f. Air Outlet
- g. Front Panel Hanging Slots
- h. Mood Lights



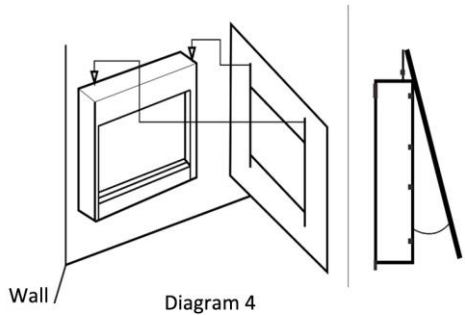
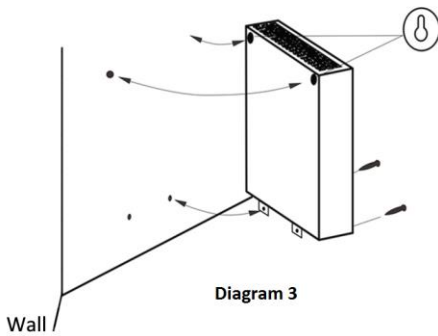
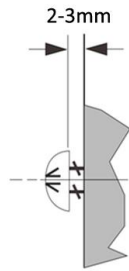
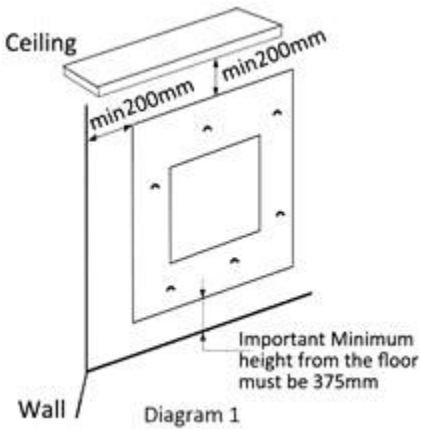


## Installation Procedure

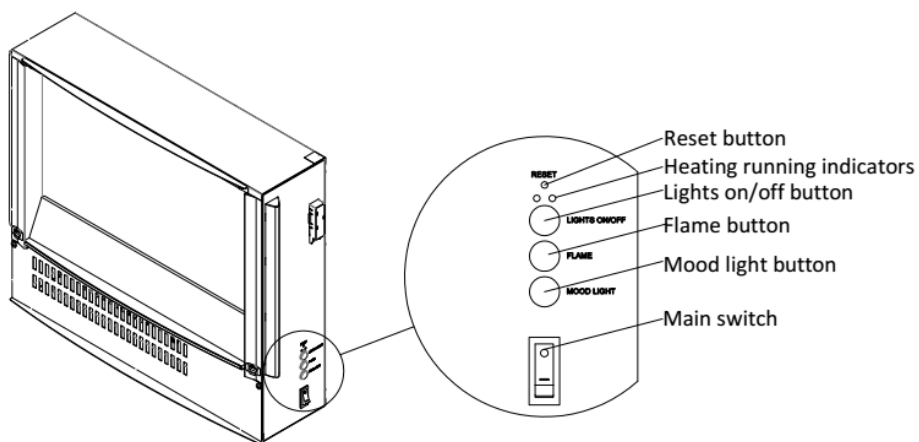
- Affix the wall brackets to the lower part of the back of the fire unit using the 4 small screws as supplied.
- When you unpack the front panel, you will find a paper template. Attach the paper template carefully to the wall in the chosen position, taking note of the minimum clearance distance for each type of front panel stated on the template. (See diagram 1)
- Drill the 4 fixing position using an 8mm drill bit for the wall plugs supplied or drill the correct size for alternative chosen fixings if required for the type of wall. (See important note on page 2).
- Remove the paper template from the wall.
- Install the 2 top fixings into the wall and then install the 2 long screws, screwing them in so the underside of the screw head stands off the wall by 2 to 3 mm. (See Diagram 2).
- Locate the heater on the two keyhole slots in the back panel onto the 2 top fixing screws and secure the heater by fixing the remaining 2 long screws through the lower fixing brackets (See Diagram 3).
- To fit the front panel, raise the panel into position and locate the returns on the top of the two fixing brackets Diagram 3 into the corresponding hanging bracket slots on the top of the heater (See Diagram 4). Push the bottom of the front panel firmly into position on the lower clip locks.

**Note:** The lower support brackets must always be used so as to prevent the heater lifting from the wall mounting bracket.

**IMPORTANT** If the screws & wall plugs are not suitable for the type of wall, the fixings that are used must be strong enough to support the weight of the fire & the front panel.



## OPERATION BY MANUAL CONTROL



**NOTE: The manual button controls basic functions, not a full range of controls. Use the remote handset to carry out all functions.**

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

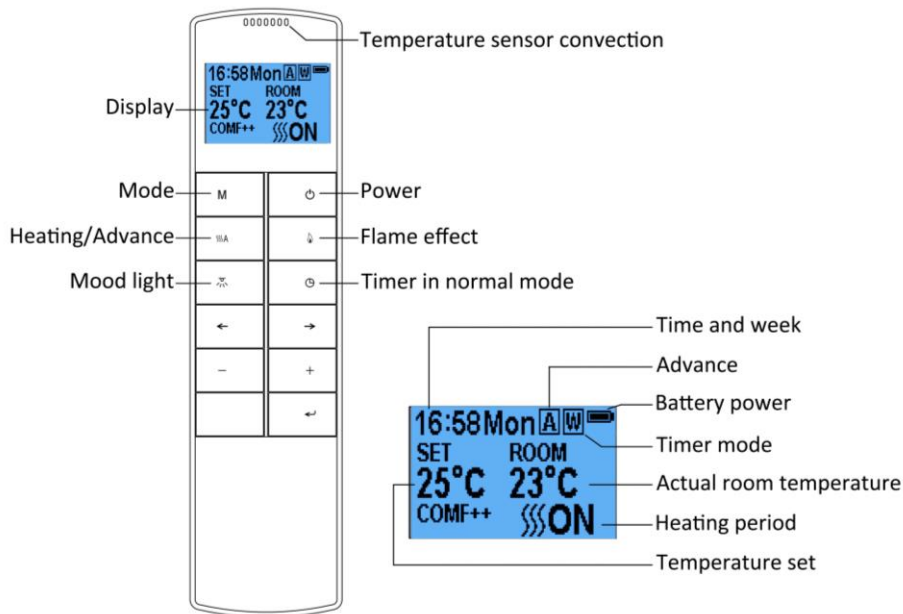
Press “LIGHTS ON/OFF” to turn on or turn off both the flame and mood light at the same time.

Press “FLAME” button to select the colour of flame (3 kinds) or return to the OFF position.

Press “MOOD LIGHT” button to select the colour of mood light(14 kinds) or return to the OFF position.

**NOTE: The controls on appliance will lose the memory for all function settings when the switch is set to the Off Position. When the remote runs out of power or when you change the batteries, only the flame function will lose memory and will not affect the timer settings, however, the clock may need adjusting.**

## OPERATION BY REMOTE CONTROL



**NOTE: This is a 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.R34 to initiate this connection in point.



### Standby for Remote Handset

- 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  to turn on the flame effect, turn off flame effect and heater when in normal mode.
- R3 Press  to turn on/off the flame effect under daily and weekly timer mode.




After Day/Time set up

## Flame Effect

- R4 Press  to enter the flame effect adjustment screen.
- R5 Press the '←' and '→' button to select the 3 kinds of flame effect.
- R6 Press the '+' and '-' button to select the 5 brightness levels of the flame effect and OFF settings






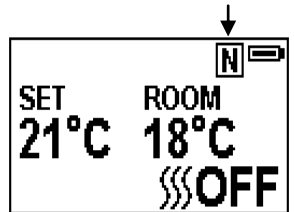
## Mood Light

- R7 Press  to enter the mood light adjustment screen.
- R8 Press the '←' and '→' button to cycle through the 13 colours of mood light or a colour-cycle mode.
- R9 Press the '+' and '-' button to select the 5 brightness of mood light and OFF settings



## Normal Mode


- R10 Normal control mode is factory set. If it is not, then press **M** button until the logo **N** shows up at the upper right corner of the screen.
- R11 Press the '+' and '-' button to adjust the temperature setting from 17°C to 25°C by 2 °C intervals
- R12 Press  **A** button to turn on/off heat,  ON、 OFF will show at the lower 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.

- R13 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.**

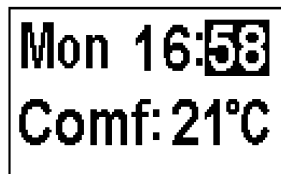


The heater can be automatically run by using daily timer and weekly timer on the remote.

## Set up Day, Time and Comfortable temperature.

- R14 Press  to turn on the remote handset. Hold the button **M** for 3 seconds to enter the setting screen.

- R15 Press the '←' and '→' button to choose Day, Time or your comfortable temperature. The character selected will be highlighted.



- R16 Pressing the '+' and '-' button will adjust the number.

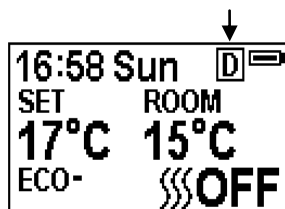
- Time: 24-hour system
- Select your comfortable temperature from 15-25°C.
- Temperature unit: °C、 °F

## Daily Timer Heating

- R17 The following are pre-set heating periods, which can be altered if desired

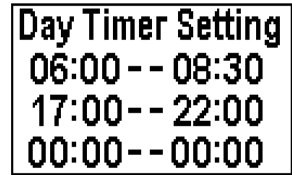
06:00 until 08:30  
17:00 until 22:00

- R18 Press **M** until **D** shows at the upper right corner of the screen then enter the daily timer heating mode.



R19 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.



R20 Adjusting the set temperature

- Press the '+' or '-' button to increase or decrease set 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.

R21 To check your daily timer settings press ↵.

R22 If heating needs to be turned off, it will be necessary to go back to the Normal Mode to turn off.

### Week Timer Heating

R23 The following are pre-set heating periods, which can be altered if desired.

From Monday to Friday

06:00 until 08:30

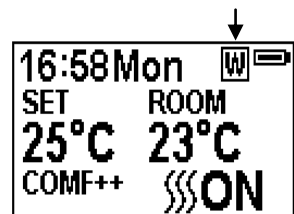
17:00 until 22:00

From Saturday to Sunday

06:30 until 09:30


11:00 until 13:00




17:00 until 22:00

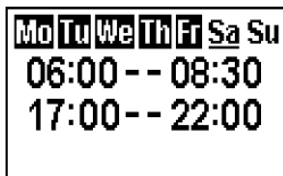



R24 Press M until W shows at the upper right corner of the screen, then enter the week timer

heating mode.

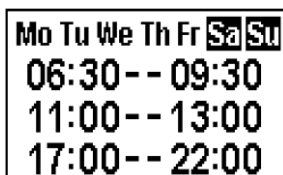
R25 Hold  button for 6 seconds to enter the week timer setting

- 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.
- Max 3 heating periods for a day.
- 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 heating time period setting.



R26 Press , '←' and '→' to check your week Timer settings.

R27 If heating needs to be turned off, it will be necessary to go back to the Normal Control Mode to turn off.



### Advance Mode

R28 Under the daily and week timer mode, Press  A:

R29 To turn the heater off when the heater is on during a pre-set heating period.

R30 To turn the heater on when the heater is off in between preset heating periods.



### Adaptive Start Control

R31 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

- R32 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.
- R33 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


- R34 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.
- R35 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 R34



## Remote Control 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.

## Safety thermal cut-out

This appliance is fitted with an Electric Safety Control (E.S.). This is a safety device, which switches off the fire if, for any reason, the appliance overheats. The E.S. Control can only be re-set after the appliance has cooled down, in Order to re-set the E.S. Control, proceed as follows:

Switch off the appliance. Unplug at wall socket and leave for approximately 5-10 minutes. Plug in switch on appliance and the E.S. Control will re-set.

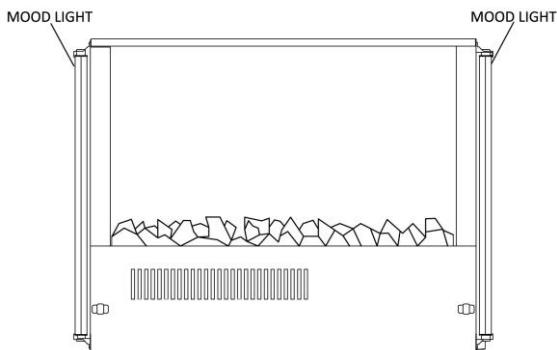
Ensure that the appliance is functioning correctly. If the E.S. Control switches off again it is advisable to have the appliance checked by a competent electrician.

**Note:** -This appliance also has a secondary thermal fuse link incorporated into the heating element that will break the electrical circuit in the event that the heater fan fails to operate. Unlike the E.S. if this link breaks the fire will not be allowed to re set and the appliance should be checked by a competent electrician and the fan/element replaced.

**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.

## **Mood light:**

This appliance is fitted with a mood light on the left and right side of heat box, the angle of this can be adjusted by hand.



## **Maintenance**

Warning: Before undertaking any maintenance or cleaning disconnect appliance from main supply. Only competent persons should service / repair appliances.

### **Cleaning the appliance**

Note: To prevent scratching of the casing or flame effect screen, this appliance should be cleaned with a damp cloth only.

If the appliance is supplied with a glass front panel, to remove finger prints or other marks, use a soft damp lint free cloth with a good quality household glass cleaner.

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.

Please note if the supply cord on this appliance is damaged it must be replaced by the manufacturers Authorised Service Agent, or a qualified person to avoid hazard.

### **Replacing the LED Flame effect:**

The LED lighting used in this fire should last for the lifetime of the unit, this component should only be replaced by a qualified electrician.

## **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 favour 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 **1 year** 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 proviso:

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

**Note: All lamps supplied with the product are classed as consumable items, and are the Purchasers responsibility to replace.**

**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.**



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.

<b>Control PCB</b>	<b>Remote Control Receiver</b>	<b>Remote Control Transmitter</b>
Hardware: RC01-040A01 Software: 20171024	Hardware: RF290B V1.2	Frequency: ASK/OOK 433.92MHZ Maximum transmit power: 10mW Hardware:RF290A-TX-V1.3 Software: RF290A_C_V0.6.0.hex

**Be Modern Group, Customer Services**

**Tel (0191) 430 0901-Fax (0191) 430 9522**

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