

P R  Z M

REVOLUTIONIZING FLAMES

Pryzm 750, 1000



Instructions for use

Patent pending
UK Registered Design

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Technical Specification

Model No.: 2653 / 2681

Supply Voltage: AC 230-240V 50Hz

Maximum power consumption: 2KW

Power for flame effect: 2653: 25W (LED 17W + Motor for flame 8W)

2681: 20.5W (LED 12.5W + Motor for flame 8W)

Heat Output:

Nominal heat output (P_{nom}): 2KW

Minimum heat output (indicative) (P_{min}): 1KW

Maximum continuous heat output (P_{max}): 2KW

Auxiliary Electricity Consumption:

At nominal heat output (el_{max}): 17W

At minimum heat output (el_{min}): 12.5W

In standby mode (el_{SB}): 0.48 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	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

Safety Information

Read all of 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.**

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 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-rewirable 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 to become obstructed. Please note the warning symbol on the appliance (see above).

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 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.

Safety Information *(continued)*

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.

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.

Dressing the logs

Once the installation of your new suite is complete the logs can be positioned.

4 Log Fuel Bed - 750 Pryzm

Locate the box containing the logs.

Log A



Log B



Log C



Log D



Dressing the logs (4 logs – 750 Pryzm)



Position log A slightly to the right of the centre of the fire

Locate log B into log A



Dressing the logs (4 logs – 750 Pryzm)

Locate log C into log B



Locate log D into log A



Dressing the logs (4 logs – 750 Pryzm)

Finally twist the interlocked logs into the desired position and centre if required

Log C, B, A & D



Dressing the logs

Once the installation of your new suite is complete the logs can be positioned.

4 Log Fuel Bed - 1000 Pryzm

Locate the box containing the logs.

Log A



Log B



Log C

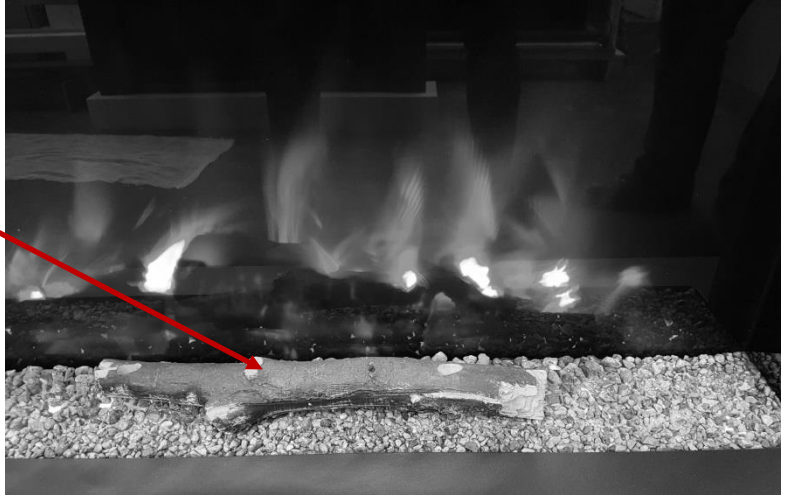


Log D



Dressing the logs (4 logs 1000 PRYZM)

Position log B slightly to the right of the centre of the fire



Locate log A into log B

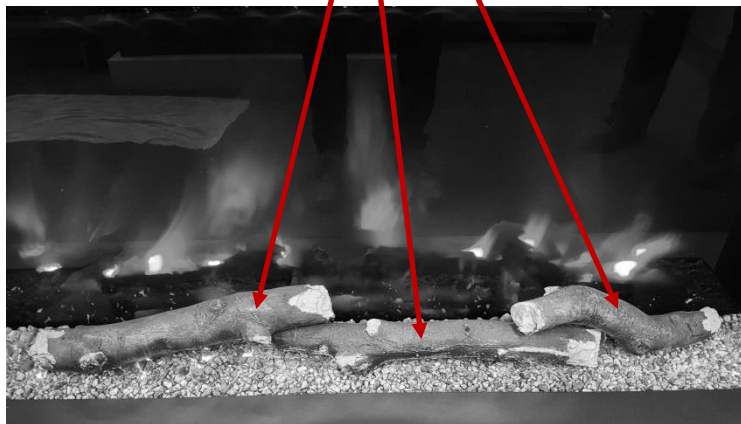


Dressing the logs (4 logs – 1000 Pryzm)

Locate log C into log B



Log A, B and C



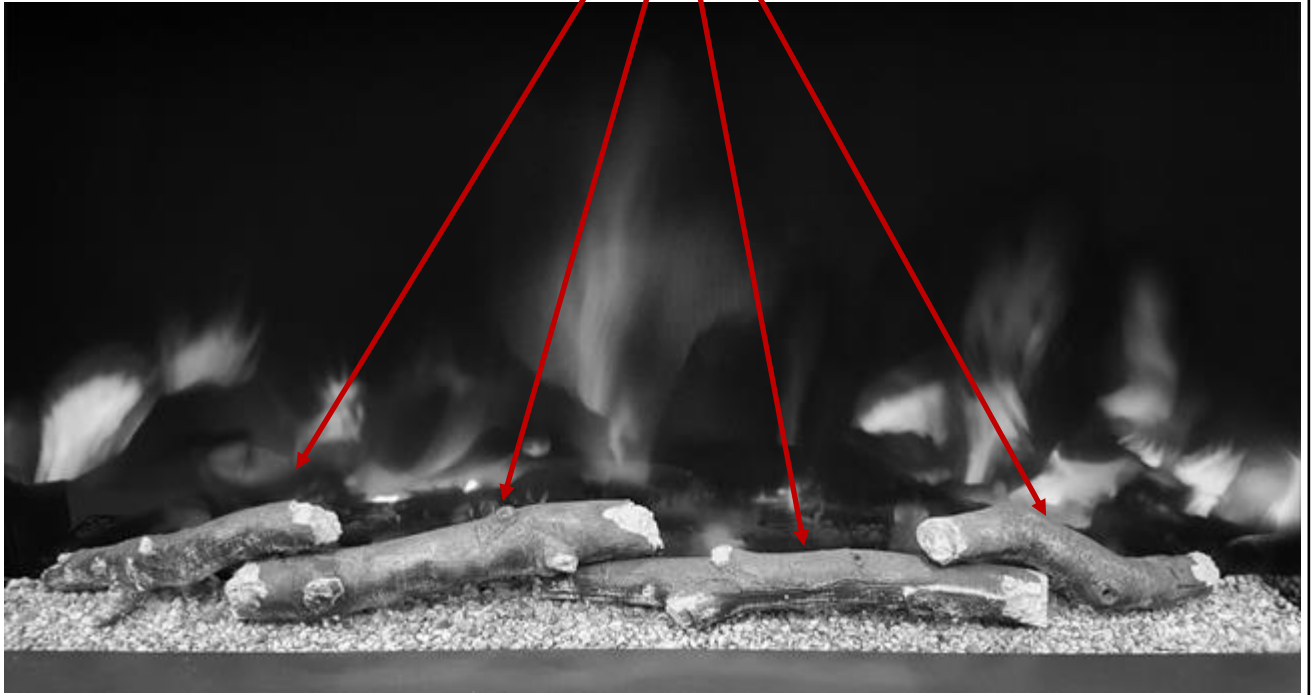
Locate log D into log A



Dressing the logs (4 logs - 1000 Pryzm)

Finally twist the interlocked logs into the desired position and centre if required

Log D, A, B & C



User Instructions

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.

PREPARATION FOR USE

The appliance can be operated by both remote control and the manual controls on the appliance. NOTE: To use either the remote or the manual functions the main on / off switch must be in 'ON' position.

Batteries

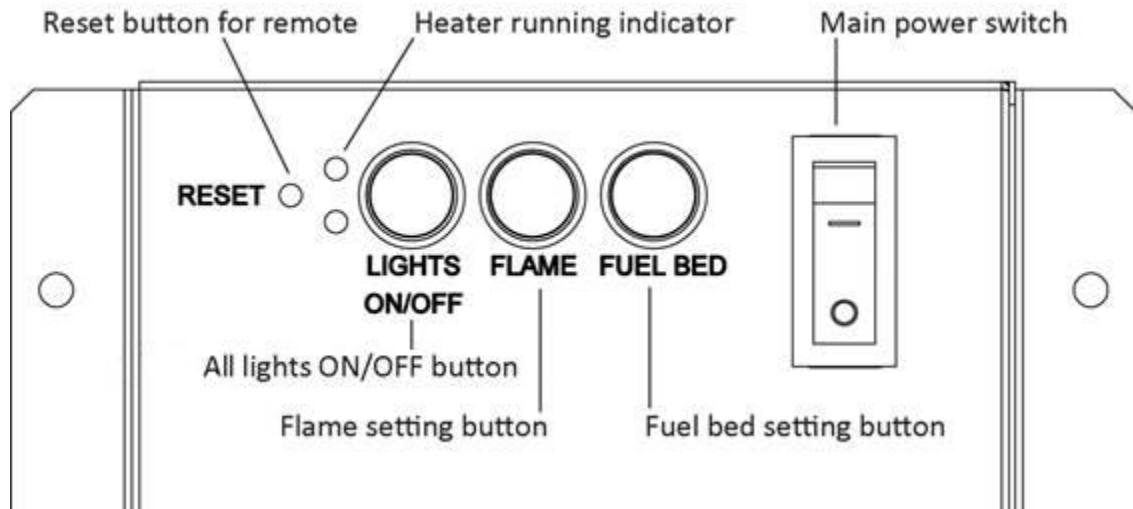
Ensure that the handset batteries are new and inserted correctly.

Main Power Switch

The mains power switch is located on the control panel on the top right-hand side of the heater box. This needs to be switched ON before operating either the remote or manual controls. A long beep will be heard to indicate the fire is ready for use.

User Instructions *Continued*

Manual control panel



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

The user controls on appliance are located on the upper right side of the appliance. Turning on the appliance with the main power switch to “—” position. A long beep will be heard.

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

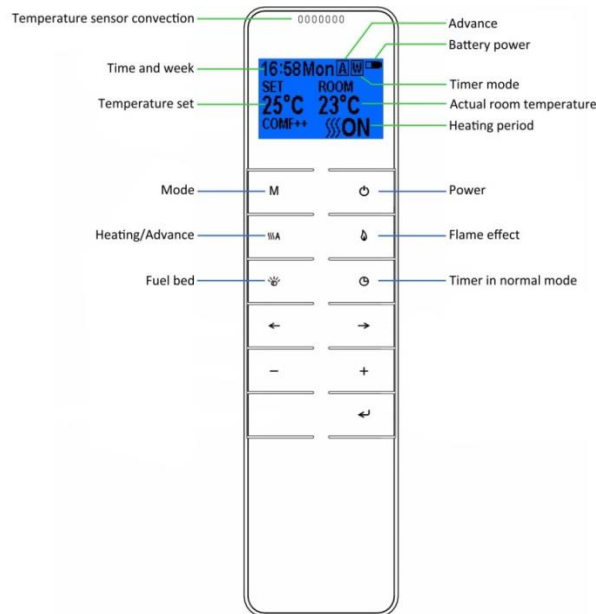
Press “FLAME” button to cycle through the 3 colours of flame effect.

Press “FUEL BED” button to cycle through the 13 colours or a colour-cycle mode and OFF settings.

When the remote runs out of power or when you change the batteries, the flame function will lose its memory, however this will not affect the timer settings, the clock and date may need to be adjusted.

User Instructions *Continued*

Remote control operation



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 between the remote and appliance will already be established. Please read page 23 **“Pairing the handset to the appliance”** to set it up if you can't operate the appliance with the remote.

Standby for Remote Handset

The screens shown below are when the remote handset is in standby mode.



Before Day / Time set up After Day / Time set up

Turn On / Off

Press to turn on the flame effect.

Press to turn off all the functions under the normal mode including flame effect and heater fan.

Press to turn off the flame effect under daily and weekly timer mode.

Flame effect

Press to enter the flame effect adjustment screen.

Press the '←' or '→' button to select 1 of the 3 flame effect colours.


Press the '+' or '-' button to select 1 of the 5 brightness levels for the flame effect

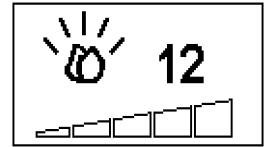


User Instructions *Continued*

Remote control operation

Fuel bed colour




Press  to enter the fuel bed light adjustment screen.
Press the '←' or '→' button to cycle through the 13 colours of fuel bed or the colour-cycle mode. Setting 14
Press the '+' or '-' button to select 1 of the 5 brightness levels for the fuel bed and the OFF setting



Normal mode

Normal control mode is factory set. Or press **M** button until the logo  shows up at the upper right corner of the screen.

Press the '+' or '-' button to adjust the temperature setting from 17°C to 25°C (increments of 2°C)


Press  **A** button to turn on / off the heat.  ON  OFF will show at the lower right corner of the screen.

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




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 effect ON. The heater indicator will stay ON if you use the heating function only and the flame effect is OFF.

Timer function


Note: This setting is only for normal mode. It allows the appliance to be returned to Standby after a set period of time.

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



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

Weekly / daily timer and comfortable temperature setting

Press  to turn on the remote handset.

Hold the **M** button for 3 seconds to enter the setting screen.

Press the '←' or '→' button to choose day, time or comfortable temperature.

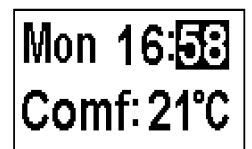
The selected character will be highlighted

Press the '+' or '-' button to adjust the number

Time: 24-hour system

Select your comfortable temperature from 15-25°C.

Temperature unit: °C、°F



User Instructions *Continued*

Remote control operation

Daily timer mode

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

Hold the button **←** for 8 seconds to enter the daily heating setting.

Max 3 timed heating periods per day.

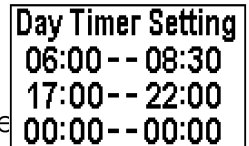
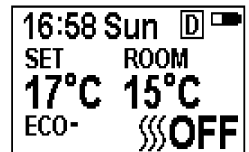
Press '**←**' or '**→**' to choose hour or minute, press '**+**' or '**-**' to set the time.

Minute setting increases / decreases by 15min per press.

Press the **←** or **→** to move to the next line or time setting on the current line

press the **→** on the last line to return to the first time setting line.

Hold **←** for 3 seconds or wait for 8 seconds to save and exit the heating time period setting.



Adjusting the temperature setting

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

Weekly timer mode

The following pre-set heating periods 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

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

Hold **←** button for 8 seconds to enter the weekly timer heating mode setting.

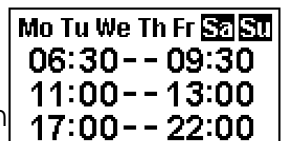
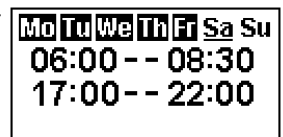
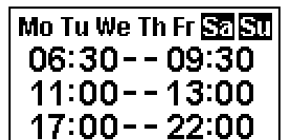
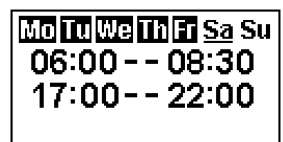
Press '**←**' or '**→**' to move the cursor (a flashing underline), press the button in the corresponding week position to select (the character is highlighted) or cancel (the character is displayed normally) the current setting. Several time periods can be selected together.

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 15mins per press.

Press the '**←**' or '**→**' to move to the next line or time setting on the current line, press the **→** on the last line to return to the first time setting line. Hold 3s or **←** for 8s to save and exit the heating time period setting.

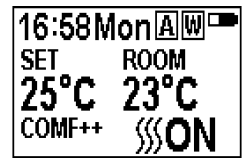


User Instructions *Continued*

Remote control operation

Advance mode

Under the daily and week timer mode Pressing  **A** will turn the heater on or off




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 and the heater will be turned off automatically. After the indoor temperature has risen or by manual intervention (by operating remote control), the heater will return to its normal working state.



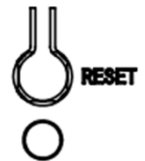
Pairing the handset to the appliance

The below operation 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 (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 remote control is necessary if the appliance operates incorrectly or does not respond when operated. Open the back cover of the remote control.

Press the Reset button. Follow the above steps



Resetting the Thermal Cut Out

The appliance is fitted with an Electronic Safety Control (E.S.). This is a safety device, which switches off the fire if, for any reason, the appliance overheats, e.g. if 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 reset after the appliance has cooled down, and the appliance has been reset. Resetting of the E.S. Control proceeds as follows:

Switch off the appliance (Manual On / Off switch) and leave it off for approximately 10-15 minutes.

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.


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


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


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.

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.

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.

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.

Control PCB	Remote Control Receiver	Remote Control Transmitter
Hardware: RC01-041B01 Software: V1	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

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.

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