

The Collection

by MICHAEL MILLER

Passion HE

BALANCED FLUE LOG EFFECT FIRE

Installation, Maintenance & User Instructions

Hand these instructions to the user

Model No. DLBFRNB is for use on Natural Gas (G20) at a supply pressure of 20 mbar in G.B. / I.E.**

**** denotes trim / fret or fascia variant**

Information Requirements for Commission Regulation (EU) 2015/1188

Model Identifier	DLBF**RNB
Indirect Heating Functionality	No
Direct Heat Output	2.4kW
Indirect Heat Output	Not Applicable
Fuel	NG (G20)
NOx Emissions	130mg/kWh
Nominal Heat Output	2.4kW
Minimum Heat Output (Indicative)	1.0kW
Useful Efficiency at Nominal Heat Output	82.6%
Useful Efficiency at Minimum Heat Output (Indicative)	50.0%
Auxilliary power consumption at nominal heat output - remote control models	0.000001kW
Auxilliary power consumption at minimum output - remote control models	0.000001kW
Auxilliary power consumption at standby mode - remote control models	0.0000005kW
Permanent pilot flame requirement	Not applicable
Type of heat output / room temperature	With electronic room temperature control
Contact Details	BFM Europe Ltd, Gordon Banks Drive, Trentham Lakes North Stoke-on-Trent, ST4 4TJ. Tel : 01782 339000

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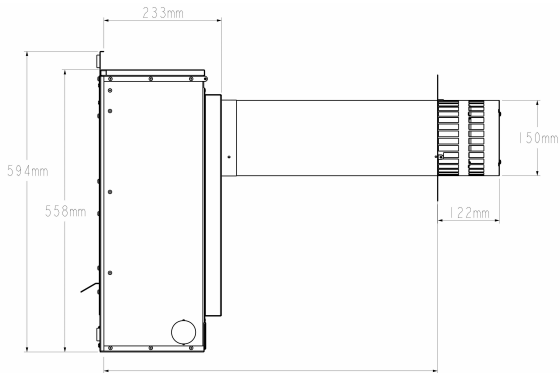
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SECTION 1 INFORMATION AND REQUIREMENTS

1.0 APPLIANCE INFORMATION

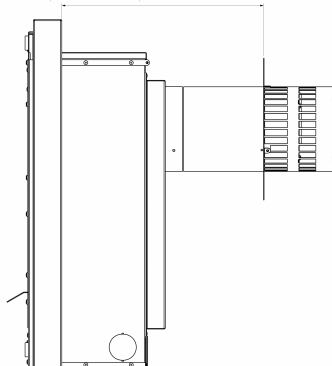
Main injector : (1 off)	Size 54
Pilot Type	Black Technigas - Polidoro G27.2
Maximum Gross Heat Input :	3.2kW
Minimum Gross Heat Input :	2.0kW
Gas Rate :	0.290 m ³ /hr
Cold Pressure :	20.0+/-1.0 mbar
Ignition :	Electronic
Electrode Spark Gap :	4.0mm
Weight (without fender) :	28.0 kg inclusive of flue pipe and terminal

Fig. 1



333mm Min, 661 MAX with standard flue duct. A cost option extended flue duct (part no. B-187420A) can be purchased to increase this dimension upto 1055mm

Minimum installation depth 283mm with optional 50mm Spacer Frame (1200-101768(P))



INSTALLATION REQUIREMENTS

Efficiency Declaration

The efficiency of this appliance has been measured as specified in BS EN 613 : 2001 and the result is 82.6%. The net calorific value of the fuel has been used for this efficiency calculation.

The test data from which it has been calculated has been certified by BSI.

The efficiency value may be used in the UK Government's Standard Assessment Procedure (SAP) for energy rating of dwellings.

1.1 CONDITIONS OF INSTALLATION

It is the law that all gas appliances are installed only by a GAS SAFE Registered Installer, in accordance with these installation instructions and the Gas Safety (Installation and Use) Regulations 1998 as amended. Failure to install appliances correctly could lead to prosecution. It is in your own interest and that of safety to comply with the law.

The installation must also be in accordance with all relevant parts of the Local and National Building Regulations where appropriate, the Building Regulations (Scotland Consolidation) issued by the Scottish Development Department, and all applicable requirements of the following British Standard Code of Practice.

1. B.S. 5871 Part 1 Installation of Gas Fires
2. B.S. 6891 Installation of Gas Pipework
3. B.S. 5440 Parts 1 & 2 Installation of Flues and Ventilation
4. I.S 813 : 1996 Domestic Gas Installation, issued by the National Standards Authority of Ireland.

1.2 FIREPLACE / SURROUND SUITABILITY

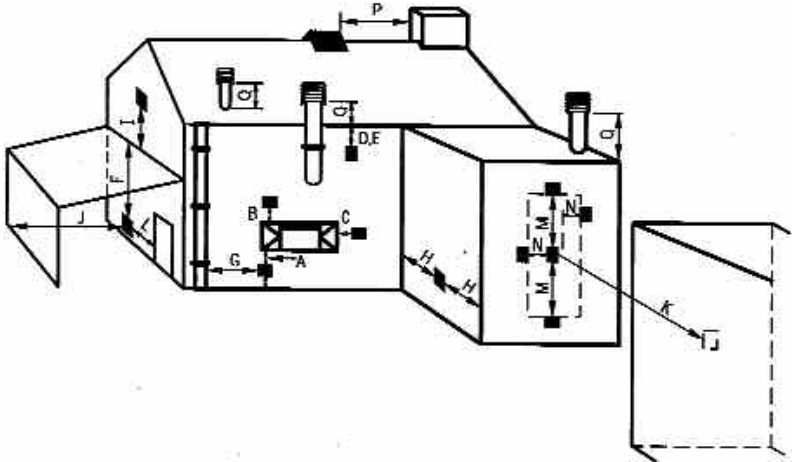
This product is designed to fit fireplaces with a minimum 3" / 75mm rebate. The fire must only be installed on a hearth it **must not be installed directly onto carpet or other combustible floor materials**. The fire is suitable for fitting to non-combustible fire place surrounds and proprietary fire place surrounds with a temperature rating of at least 150 degrees celcius (Class "O").

Soft wall coverings such as blown vinyl, wall paper etc. could be affected by the rising hot air and scorching and/or discoloration may result. Due consideration should be made to this when installing or decorating.

1.3 FLUE TERMINAL POSITION

The minimum acceptable dimensions from the flue terminal to obstructions and ventilation openings are shown below and listed in the table. It is important that the position of the flue allows the free passage of air across it at all times. The minimum acceptable space from the flue terminal to obstructions and ventilation openings are specified below in figure 2.

Fig. 2



DIMENSION	TERMINAL POSITION	MINIMUM DIMENSION
A	Directly below an opening, air brick, opening window	300mm (12in)
B	Above an opening, air brick, opening window	300mm (12in)
C	Horizontally to an opening, air brick, opening window etc.	
D	Below gutters, soil pipes or drain pipes	300mm (12in)
E	Below eaves	300mm (12in)
F	Below balconies or car port roof	600mm (12in)
G	From a vertical drain pipe or soil pipe	300mm (12in)
H	From an internal or external corner	600mm (24in)
I	Above ground roof or balcony level	300mm (12in)
J	From a surface facing the terminal	600mm (24in)
K	From a terminal facing the terminal	600mm (24in)
L	From an opening in the car port	1200m (48in)
M	Vertically from a terminal on the same wall	1500mm(59in)
N	Horizontally from a terminal on the same Wall	300mm (12in)
O	NOT APPLICABLE	N/A
P	NOT APPLICABLE	N/A
Q	NOT APPLICABLE	N/A

1.4 SHELF POSITION

The fire may be fitted below a combustible shelf providing there is a minimum distance of 200mm above the top of the fire and the shelf does not project more than 150mm. If the shelf overhangs more than 150mm the distance between the fire and the shelf must be increased by 15mm for every 25mm of additional overhang over 150mm.

1.5 HEARTHES

This appliance must only be installed on to a concrete or non-combustible hearth. The hearth material must be a minimum thickness of 12mm with the top surface at least 50mm above the floor. The hearth must be fitted symmetrically about the fire opening and have a minimum width of 760mm and a minimum projection of 300mm (350mm if fitted with optional spacer) forwards from the fire opening.

SECTION 2 INSTALLATION OF FIRE

2.1 UNPACKING THE FIRE

Carefully lift the fire out of the carton. Remove the loose item packaging carefully from the the pack. Check the contents as listed :-

IMPORTANT : THE CARDBOARD FITMENT THAT IS AT THE TOP OF THE CONVECTION APERTURE SHOULD NOT BE REMOVED UNTIL THE APPLIANCE IS FULLY INSTALLED AND READY TO BE LIT.

DO NOT UNDER ANY CIRCUMSTANCES USE THIS APPLIANCE IF THE GLASS PANEL IS BROKEN OR NOT SECURELY FIXED TO THE FIREBOX.

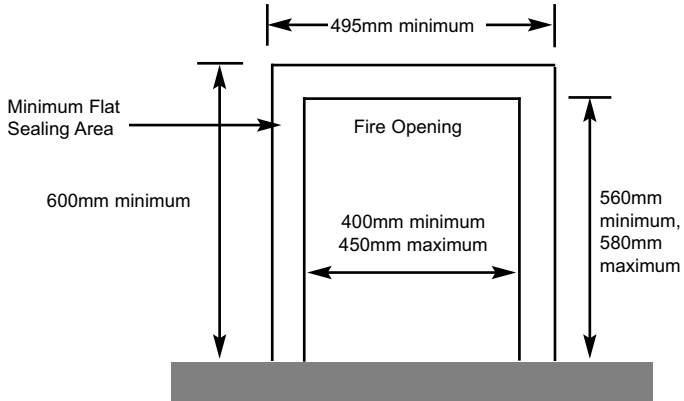
Packing Check List

- 1 off Fire box & foam seal / burner assembly
- 1 off Boxed ceramic 4 piece fuel bed log set and 2 off bags of vermiculite (1 off natural, 1 off black)
- 1 off Flue terminal / pipe unit
- 1 off Flue terminal guard
- 1 off Loose Items pack including cable fixing kit
- 1 off Installation / user manual (combined)
- 1 off Rubber grommet (to seal gas aperture used)
- 1 off Guarantee card
- 1 off Wall plate and fixing screws / rawl plugs
- 1 off 500mm section of foil tape
- 1 off Embaglow
- 1 off Remote handset & 5 off AA batteries

2.2 FIRE PLACE OPENING

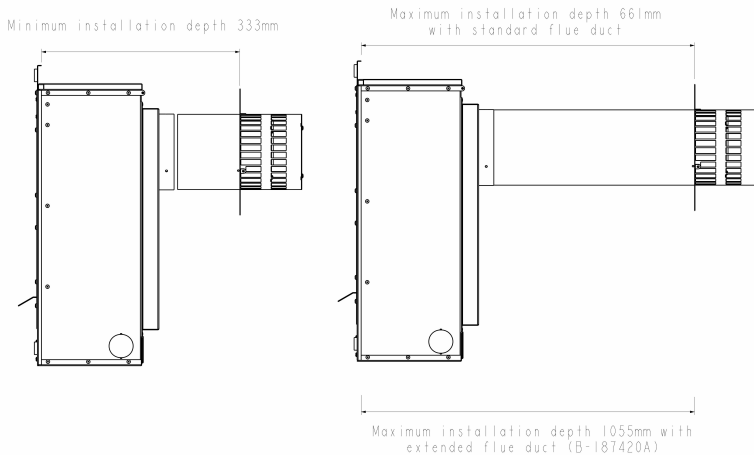
2.2.1 The front opening of the fire place must be between 400 and 450mm wide, and between 560mm and 580mm high. If the opening exceeds these dimensions then a surround must be constructed from suitable non-combustible material to produce a suitable sized opening. Any surround must be suitably sealed to the fire place to prevent leakage. See figure 3 below.

Fig. 3



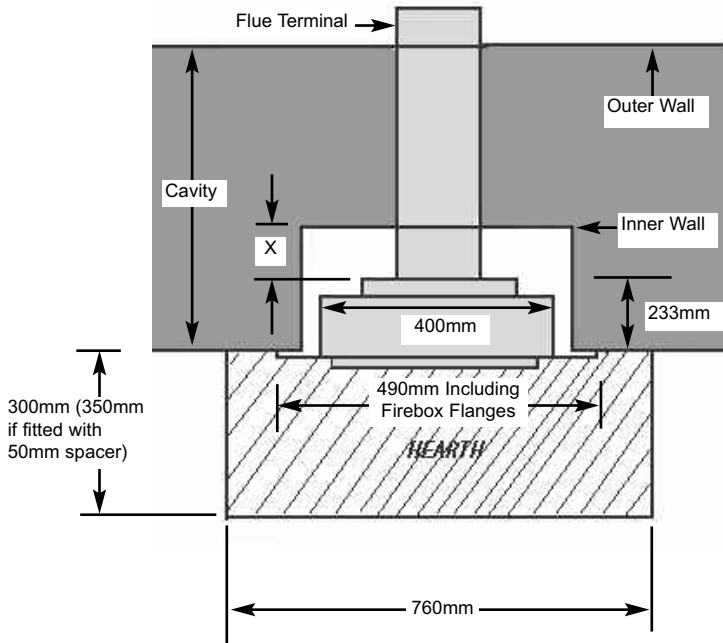
2.2.2 The minimum / maximum sized distances between the firebox mounting flange and outside wall are shown below in figure 4.

Fig. 4



2.2.3 **NOTE : WHEN MEASURING LENGTH BETWEEN FIREBOX AND THE OUTER WALL TAKE INTO ACCOUNT THE DISTANCE BETWEEN THE BACK OF THE FIREBOX AND THE INNER WALL AS THIS WILL VARY BETWEEN INSTALLATIONS, DEPENDENT UPON THE FIRE SURROUND REBATE OR CAVITY DEPTH. (DIMENSION "X" BELOW - FIGURE 5).**

Fig. 5



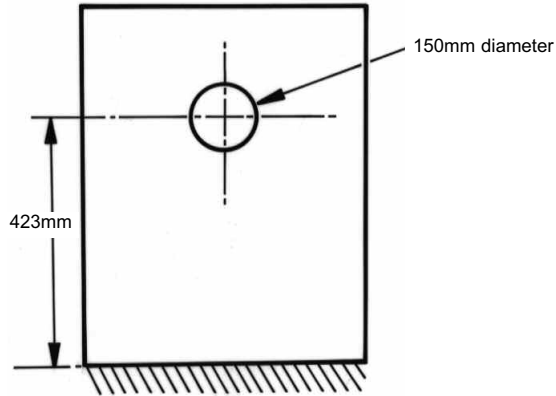
2.2.4 The appliance must be fitted into a fireplace or false chimney constructed of non-combustible materials, minimum width 400mm, minimum height 560mm and minimum surround or false chimney breast rebate 75mm.

2.3 PREPARATION OF THE WALL

2.3.1 The appliance and flue pipes must be installed at right angles to the mounting wall. The appliance itself should be installed vertically against a flat wall. Where an uneven wall surface is found, appropriate action should be taken to ensure that the appliance is not stressed or does not distort when installed.

Ensure that the floor surface onto which the appliance is mounted onto is flat. The minimum height from the floor to the centre of the flue is shown on figure 6 overpage.

Fig. 6



2.4 PREPARATION OF THE FLUE HOLE

2.4.1 Mark the position of the centre of the flue on the inner wall.

2.4.2 Cut hole for outer flue pipe. There are two possible methods to achieve this, either core drill or via hammer and chisel.

2.4.3 To core drill, proceed as follows :-

Drill a pilot hole through the wall, in position as specified in figure 6.

Using a 6" core drill, drill the flue hole.

To Hammer and chisel, proceed as follows :-

Mark the position of the centre of the flue pipe as specified in figure 6.

Mark the position of the hole around this point.

Chisel out the area as marked on the wall.

2.4.4 We then recommend that a cardboard cylinder is placed around the flue pipe and inserted in the chiselled out hole whilst making good.

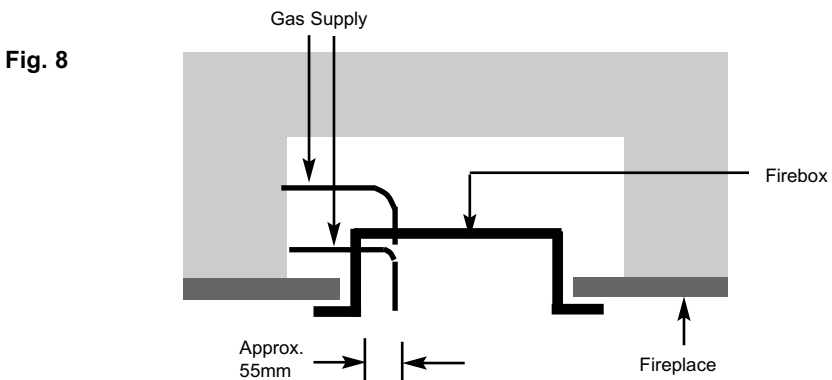
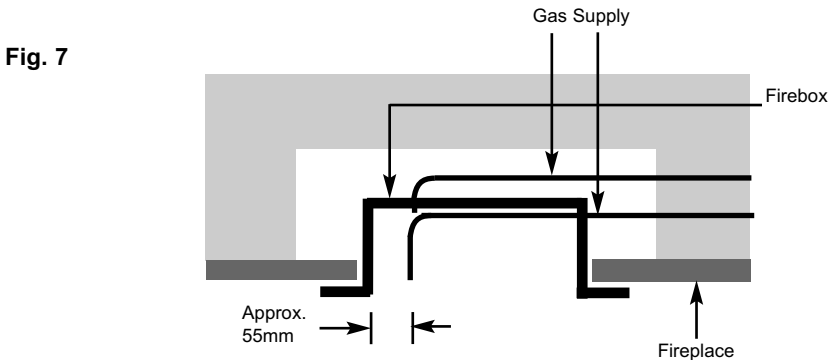
NOTE :-

If the appliance is to be installed into a building under construction, it is recommended that a non-corrosive metal tube of 6" diameter be inserted into the position of the hole.

2.5 INSTALLATION OF THE GAS SUPPLY

2.5.1 Before installing the firebox, decide from which side or if a rear connection to the gas supply is required. Plan the pipe run to enter the firebox from the left, right or rear and connect to the inlet elbow. See below :-

2.5.2 If concealed pipe work is required plan the pipe run to enter the fire box through one of the openings in the sides or rear of the fire box and connect to the inlet elbow. See figure 7 & 8 below for a suggested concealed pipe layout.



Note : Before breaking into the gas supply a pressure drop test should be carried out to establish that the existing pipework is sound. Always insert the grommet into the entry point used (a sharp blow with a hammer or chisel will be sufficient to knock out the opening selected in the firebox) and with the grommet fitted cut with a sharp knife to allow the supply pipework to pass through into the firebox.

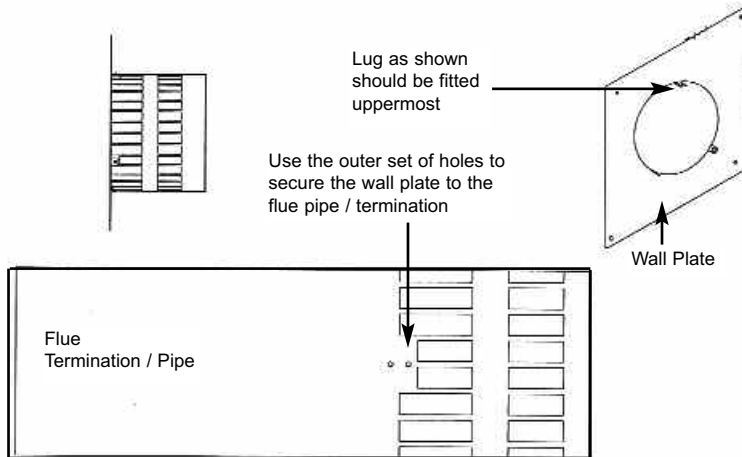
2.6 PREPARATION OF THE FLUE DUCT

- 2.6.1 Place the firebox into the fire opening with fire surround correctly secured in the final position. From the outside of the house measure from the face of the outside wall to the rear panel of the firebox through the flue hole. Cut the flue duct to this size, using the polythene support ring to support the flue whilst being cut. Remove the polystyrene supporting ring from the flue duct and remove burrs from the pipe.

IMPORTANT : ENSURE THE PIPES ARE CUT SQUARELY.

- 2.6.2 The joint between the firebox and the flue duct as shown below in figure 9 must be secured with screws and sealed with the foil tape as supplied. In order to do this, the wall plate must be removed from the flue pipe / termination.

Fig. 9

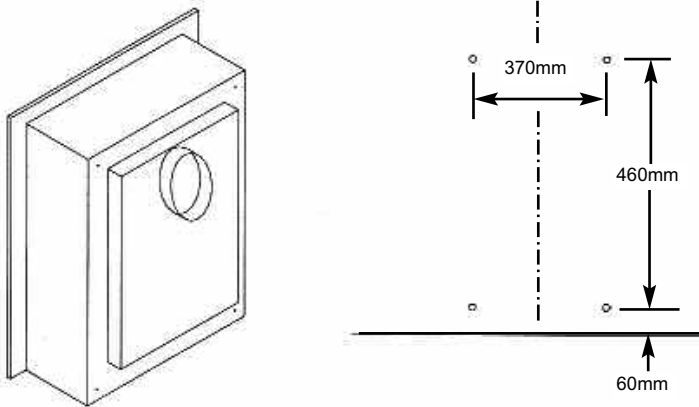


- 2.6.3 Due to the varying lengths of flue that will be required via differing installations it will be necessary to drill the flue pipe using the 3 off holes in the mounting flange on the rear of the combustion chamber as a guide for positioning. When the holes have been drilled and the screws fitted, wrap the joint with the foil tape supplied.
- 2.6.4 Re-fit the wall plate ensuring the outer set of holes as indicated above in figure 9 are used. Use a high temperature sealant to secure the wall plate to the outside wall of the property before securing with the screws and rawplugs supplied to ensure a mechanical fix.

2.7 SECURING OF FIREBOX TO THE OPENING

- 2.7.1 There is a choice of methods of fixing the firebox that are provided to enable the installer to deal with any type of installation. The preferred method of fixing the appliance is the cable fixing method, which is described in detail in the following section.
- 2.7.2 If the standard firebox fixing flange is to be used, the firebox may be secured using the cable method, but in installations where the cable method is not suitable, e.g. insufficient space behind the firebox, or loose masonry, the firebox can be fitted directly to either the front of the fireplace via the flange with the four off screws provided. The firebox will require sealing to the fireplace, regardless of the method used.
- 2.7.3 To secure the fire using the preferred cable method, proceed as follows below :-
- 2.7.4 Mark out and drill 4 off No 14 6mm holes in the rear face of the fire opening in the positions as shown in figure 10 below.

Fig. 10



- 2.7.5 Fit the wall plugs provided and screw the fixing eyes securely into the rear of the fire opening.
- 2.7.6 Uncoil the two fire fixing cables and thread one end of each of the cables through the rear of the fire box, and through each fixing eye at the top. Thread both cables through the fixing eye's at the bottom, then the holes at the bottom of the firebox
- 2.7.7 Thread the cables through the rear of the firebox, insert the flue pipe / terminal through the hole in the rear of the opening and offer the firebox up to the fireplace.

- 2.7.8 To improve access to tension the screws it may be advantageous to remove the controls assembly from the fire. To do this, refer to section 4.1
- 2.7.9 Thread a tensioning screw over both of the cables and ensure that the tensioning nut is screwed fully up against the hexagon shoulder of the tensioning screw (this provides maximum travel for the tensioning nut).
- 2.7.10 Fit a screwed nipple on to each of the cables and pull hand tight up against the tensioning screw, then secure each nipple with a flat bladed screwdriver. Tighten using the tensioning nut.
- 2.7.11 Before making the final gas connection, thoroughly purge the gas supply pipework to remove all foreign matter, otherwise serious damage may be caused to the gas control valve on the fire.
Failure to purge the gas supply will invalidate the guarantee.

2.8 MAKING THE GAS CONNECTION / PRESSURE TESTING

- 2.8.1 The gas connection should be made to the appliance inlet elbow to using 8mm rigid tubing.
- 2.8.2 Remove the pressure test point screw from the inlet elbow and fit a manometer.
- 2.8.3 Turn on the main gas supply and carry out a gas tightness test.
- 2.8.4 Please consult section 3.5 to 3.8 for lighting instructions of the remote control.
- 2.8.5 Check that the gas pressure is **20.0 mbar (+/- 1.0mbar) 8.0 in w.g.(+/- 0.4 in w.g.)**.
- 2.8.6 Turn off the fire, remove the manometer and refit the pressure test point screw. Check the pressure test point screw for gas tightness with the appliance turned on using a suitable leak detection fluid or detector.

2.9 FITTING THE TERMINAL GUARD

- 2.9.1 With the flue terminal in position, place the terminal guard over the top of the flue terminal and mark the position of the holes on the outer wall.
- 2.9.2 Remove the terminal guard and drill the 4 off 6 mm holes.
- 2.9.3 Insert the raw plugs into the drilled holes, replace the terminal guard over the top of the flue terminal and attach to the wall using the No.12 x 40mm screws provided with the terminal guard.

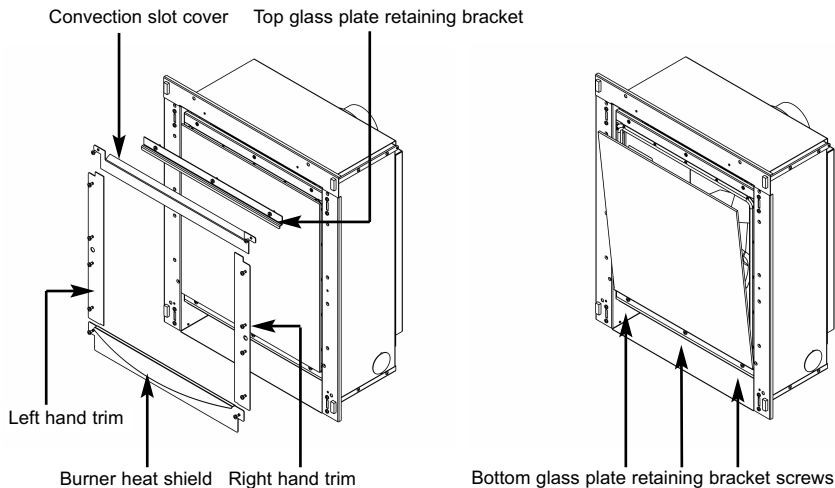
NOTE : In England & Wales, building regulations require that a terminal guard should be fitted if the terminal could come into contact with people near the building or be subject to damage. BFM Europe Ltd. also recommend the fitting of a flue terminal guard where regulations do not demand that it be fitted. A suitable flue terminal guard is supplied with the appliance.

2.10 REMOVING & REFITTING OF THE GLASS FRAME.

- 2.10.1 Remove the 2 screws which hold the convection slot cover to the firebox, as shown below in figure 11.
- 2.10.2 Remove the burner heat shield by unscrewing the 2 off retaining screws as shown below in figure 11.
- 2.10.3 Remove the 4 off securing screws from the left hand side trim and right hand side trim as shown below in figure 11.
- 2.10.4 Remove the 3 off top glass plate retaining bracket screws as shown below in figure 11. Take care not to allow the glass panel to fall forwards under its own weight, it may be advantageous to loosen the bottom glass plate retaining brackets as also shown below in figure 11.
- 2.10.5 Re-assemble in reverse order.

NOTE : Always ensure that a consistent seal between the combustion chamber and the glass frame is achieved.

Fig. 11

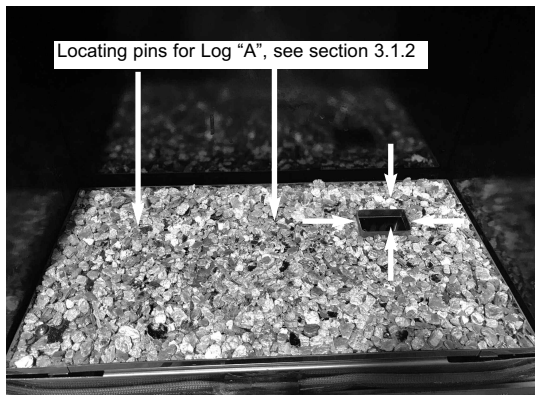


SECTION 3 ASSEMBLING FUEL BED AND COMMISSIONING

3.1 FITTING THE FUELBED

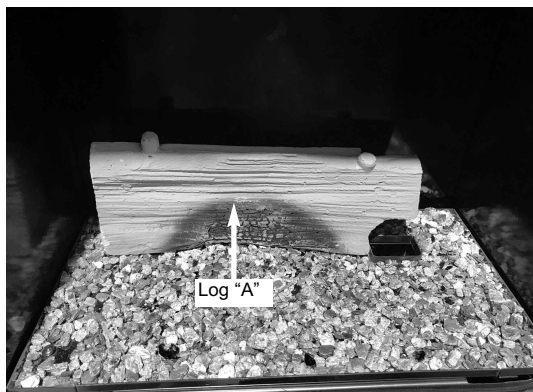
- 3.1.1 Place a single, thin, even layer of vermiculite into the burner tray as shown below in figure 11. **Ensure that the layer of vermiculite is evenly distributed in the fuel-bed tray. Remove any vermiculite from the pilot aperture as indicated by the arrows in figure 12. DO NOT USE BOTH NATURAL AND BLACK VERMICULITE SUPPLIED TOGETHER, SELECT AND USE ONLY THE PREFERRED OPTION.**

Fig. 12



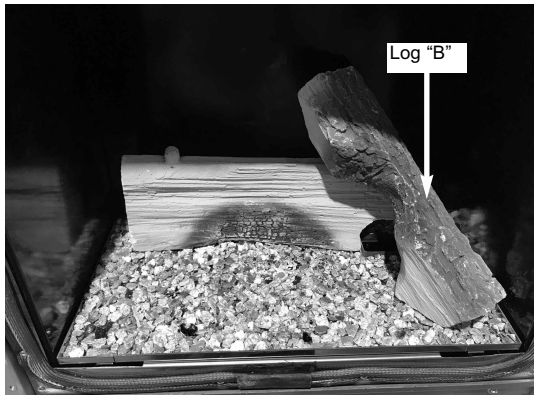
- 3.1.2 Place log "A" onto the rear left hand side of the fuel-bed tray as shown below in figure 13, using the locating pins as indicated above in figure 12 to ensure correct placement.

Fig. 13



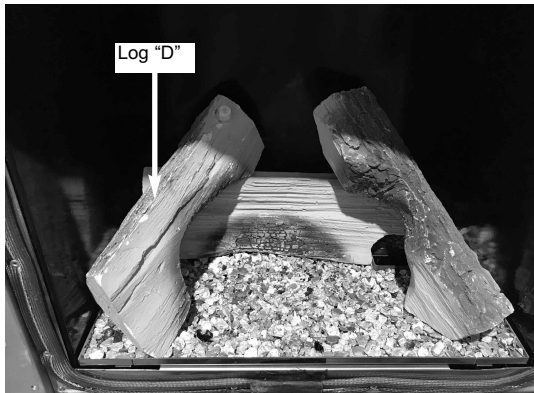
3.1.3 Place log "B" onto log "A" using the locating lug on log "A" as a guide for correct placement as shown below in figure 14.

Fig. 14



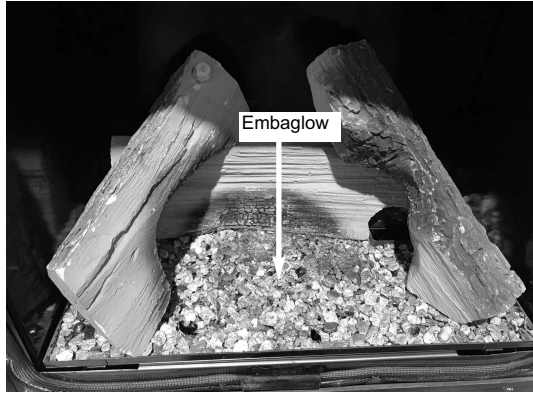
3.1.4 Place Log "D" onto Log "A" using the locating lug on log "A" as a guide for correct placement as shown below in figure 15.

Fig. 15



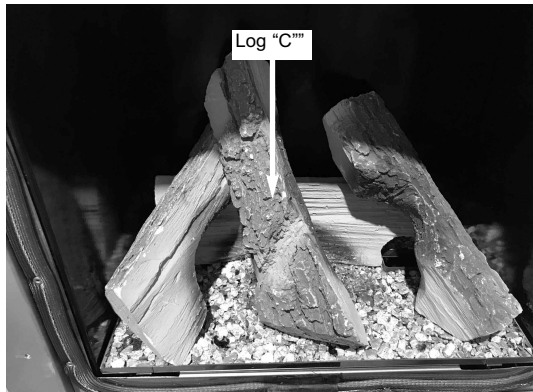
3.1.6 Place a layer of “embaglow” material as required. as shown below in figure 16.

Fig. 16



3.1.6 Place Log “C” onto Log “D” using the locating lug on log “A” as a guide for correct placement as shown below in figure 17.

Fig. 17



3.1.5 Refit the glass frame as detailed in section 2.10, then light the appliance as detailed in section 3.4 to 3.9

Warning : Use only the logs supplied with the fire. When replacing the logs remove the old logs and discard them. Fit a complete set of logs of the correct type. Do not fit additional logs or any logs other than a genuine replacement set.

Protective clothing is not required when handling these articles, but we recommend you follow the normal hygiene rules of not smoking, eating or drinking in the work area, and always wash your hands before eating or drinking.

This appliance does not contain any component manufactured from asbestos or asbestos related products.

UNLESS SUPPLIED WITH SPECIFIC INSTRUCTIONS IN THE PACKAGING TO FIT FASCIA OPTIONS THE TRIMS AND FRETS SHOULD BE INSTALLED AS FOLLOWS :-

3.2 FITTING THE TRIM

3.2.1 The trim is held in position on the fixing flange by magnets.

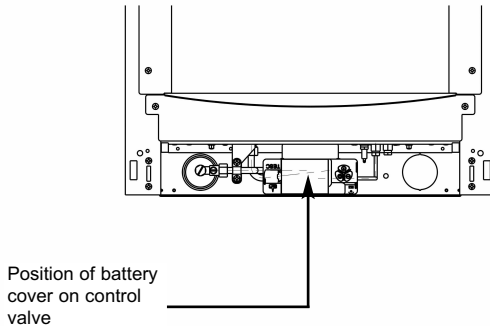
3.3 FITTING THE FENDER

3.3.1 The fender is placed up to the front of the ceramic front rail on all models. Position the ashpan under the fender and centralise.

3.4 FITTING THE BATTERIES - REMOTE CONTROL MODELS

3.4.1 The control valve is located at the base of the fire as shown below in figure 18.

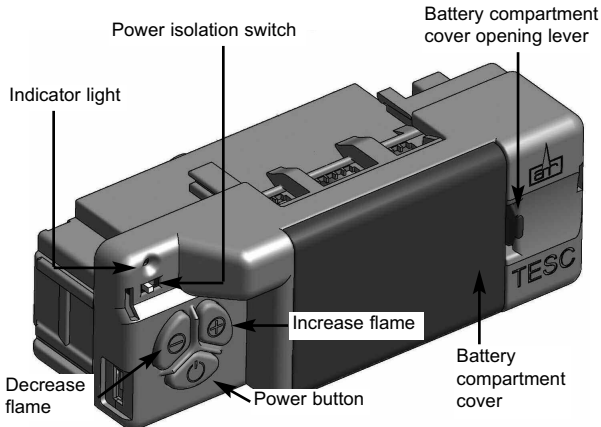
Fig. 18



3.4.2 Remove the battery compartment cover from the control valve as indicated below in figure 19 and fit the 3 off AA sized alkaline batteries supplied to the control valve unit.

3.4.3 Ensure that the power isolation switch is in position "1" and the power indicator light is illuminated (red) after the batteries have been fitted as shown in figure 19 below.

Fig. 19



IMPORTANT NOTE : THE BATTERIES SHOULD BE REPLACED WITH GOOD QUALITY ALKALINE BATTERIES WHEN REQUIRED, THE BATTERY LIFE IS EXPECTED TO BE A MINIMUM OF 12 MONTHS WITH NORMAL USAGE. FOR BEST PERFORMANCE BFM EUROPE RECOMMEND THE USE OF ENERGIZER BATTERIES WITH IT'S PRODUCTS.

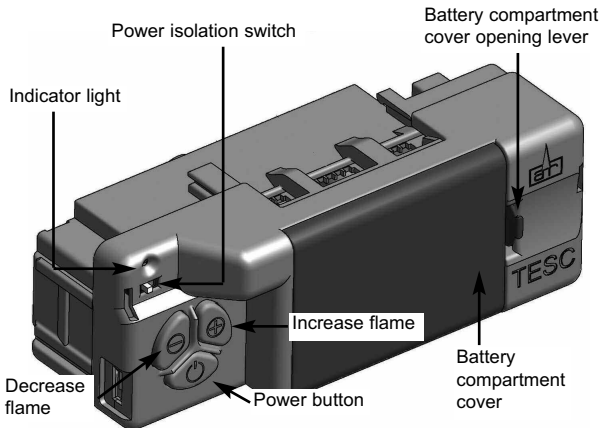
3.4.4 For remote control handset operation please see section 3.6

3.5 LIGHTING THE FIRE MANUALLY VIA THE CONTROL VALVE

3.5.1 These products can be operated manually by using the buttons directly on the fire control in addition to the handset (should the need arise).

3.5.2 To operate the fire press and hold the “power” button as shown below in figure 20 for two seconds, release as soon as the red indicator light shown in figure 20 illuminates. The burner will then start its ignition sequence and light to the maximum heat input level. **For most efficient performance leave the fire on high when lighting from cold for ten minutes.**

Fig. 20



3.5.3 To reduce the heat input, press and release the (-) button to lower the heat input level one step at a time. Pressing the (-) button continuously will move the heat input level to the minimum.

3.5.4 To increase the heat input level, press then release the (+) button to increase the heat input level one step at a time. Pressing the (+) button continuously will move the heat input level to the maximum.

3.5.5 To turn the fire off, press the power button and the burner will stop.

3.5.6 **If you are not intending to use the fire for a long period (i.e. over the summer months) the battery life can be extended by sliding the power isolator switch to the left (to the “0” position away from the “1” position) on the valve itself, which is located behind the ashpan cover on the fire.**

3.6 SETTING THE TIME, DATE & TEMPERATURE ON THE REMOTE HANDSET

- 3.6.1 Fit the 2 off AA batteries to the handset by removing the cover on the rear of the handset and inserting the batteries, ensure the correct +/- polarity is observed. Following insertion of the batteries the screen displayed will be as shown below in figure 21.

Fig. 21



- 3.6.2 Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light and the screen displayed will be as shown overpage in figure 22.
- 3.6.3 The “H” symbol as indicated in figure 22 overpage indicates that the timer can now be set in either 24hr or 12hr mode. Press the + or - buttons on the handset to toggle between the two settings, figure 21 overpage displays the 24hr mode.

Fig. 22



3.6.4 When the 24hr or 12hr time display option has been chosen and you are ready to confirm the setting you want press the SET button on the handset to progress to setting the day of the week as shown overpage in figure 23.

3.6.5 Press and release the + and - buttons on the handset until the correct day of the week is shown on the handset display

Mo = Monday
Tu = Tuesday
We = Wednesday
Th = Thursday
Fr = Friday
Sa = Saturday
Su = Sunday

3.6.6 Press SET to accept the day of the week and progress to setting the hour of the day.

Fig. 22



3.6.7 As shown above in figure 22 the time on the handset can now be set by using the + and - buttons to change the hour to the correct hour then press SET to store and to move to setting the minute. Repeat this process for setting the minute to the correct minute then press SET to store.

3.6.8 The handset will then display the temperature setting screen as shown overpage in figure 23, the option to choose either Celsius or Fahrenheit can be chosen, these settings are shown as either C or F. Use the + and - buttons to toggle between these two options then press SET to store. The important settings have now been completed so press and hold the SET button for a few seconds and this will exit the set-up menu.

Fig. 23



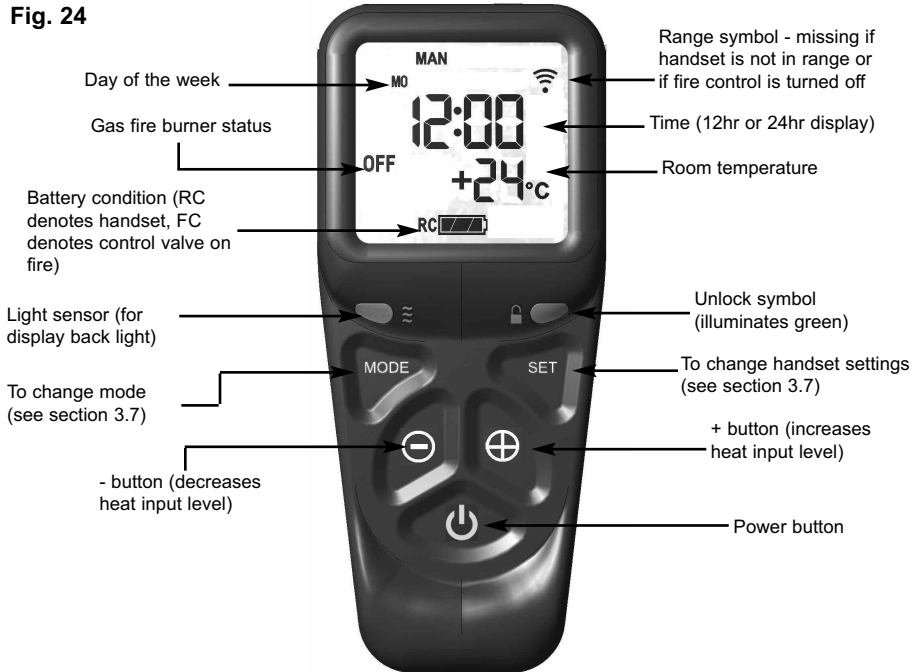
3.6.9 The control is now ready for use with the burner.

3.6.10 If the handset is misplaced you can “page it” by pressing the (+) button only on the control valve on the fire for a period of 5 seconds. The handset will flash and make an audible noise to help you locate it. Once you find the handset with one hand ensure your hand is wrapped around the back and that your hand is in contact with both sides of the handset then the audible noise will cease. The flashing and sound will last for 60 seconds each time the handset is paged as described. If not found in 60 seconds page the handset again until located.

3.7 LIGHTING THE FIRE - REMOTE CONTROL MODELS

3.7.1 Ensure valve power isolation switch is in the on position - see figure 19 and that the time, date & temperature display settings as shown in section 3.7 have been completed. Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light. See figure 24 below.

Fig. 24



3.7.2 Press and hold the power button continuously until the word “PILOT” appears at the bottom left of the display as shown overpage in figure 25, (this typically takes two seconds). The burner will now light at maximum heat input level and will display “MAX” in the bottom left hand side of the display as shown in figure 26 overpage.

NOTE : If the power button is pressed for too long or too short a time or the grip on the handset is not firm or is released too soon, the lighting sequence will be interrupted and not complete. The reason for the remote control having this strict start sequence is for safety reasons so that the starting operation of the fire will be most unlikely to be done other than intentionally by an adult.

Fig. 25 - "PILOT" displayed



"PILOT" displayed on handset during ignition sequence (typically takes two seconds)

Fig. 26 - "MAX" & large flame symbol displayed



"MAX FLAME" displayed on handset when burner is lit to maximum rate

3.7 LIGHTING THE APPLIANCE - REMOTE CONTROL MODELS (CONTINUED)

3.7.3 To decrease the heat input level of the burner hold the handset as described in section 3.7.1 to unlock the keypad then press and release the - button. Pressing and releasing the - button will lower the heat input level one step at a time. Pressing the - button continuously will move the heat input level to the minimum, see figure 27 below.

Fig. 27



3.7.4 To increase the heat input level of the fire's burner hold the handset as described in section 3.7.1 to unlock the keypad then press and release the + button. Pressing and releasing the + button will increase the heat input level one step at a time. Pressing the + button continuously will move the heat input level to the maximum.

3.7.5 To turn the fire off hold the handset as described in section 3.7.1 to unlock the keypad then press and release the power button. The burner will go out.

3.7.6 **If you are not intending to use the fire for a long period (i.e. over the summer months) the battery life can be extended by sliding the power isolator switch to the left (to the “0” position away from the “1” position) on the valve itself, which is located behind the ashpan cover on the fire.**

3.7.7 **In the event of loss of the remote handset, as a backup the fire can be controlled from the valve, which is located behind the ashpan cover on the fire, see section 3.5 for full manual operating instructions. If your fire does not operate manually please consult the troubleshooting chart on the rear page of this manual.**

3.7.8 If the handset is misplaced you can “page it” by pressing the (+) button only on the control valve on the fire for a period of 5 seconds. The handset will flash and make an audible noise to help you locate it. Once you find the handset with one hand ensure your hand is wrapped around the back and that your hand is in contact with both sides of the handset then the audible noise will cease. The flashing and sound will last for 60 seconds each time the handset is paged as described. If not found in 60 seconds page the handset again until located.

3.8 ADVANCED SETTINGS MENU OF THE REMOTE CONTROL

3.8.1 Snooze mode in manual operation

3.8.1.1 Snooze mode is a time period which can be set which will turn the fire automatically off after a certain time period has elapsed.

3.8.1.2 Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light. The snooze time period can be set either before or during manual operation of the fire.

3.8.1.3 With the handset held as described above, press the mode button to scroll through the functions until the symbols MAN and Zzz are flashing at the top of the display as shown overpage in figure 28.

3.8.1.4 Press and release the set button and this will put the control into the manual snooze mode.

3.8.1.5 The default time period in snooze mode is 1:00 hour.

Fig. 28



- 3.8.1.6 Pressing the set button again will now show you the snooze time period remaining. The snooze time period can be adjusted by pressing the + or - buttons on the handset. This time period can be set ranging from 1 minute to 4:00 hours.
- 3.8.1.7 To adjust the snooze period, hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light. Press the set button and the screen will show how long is left of the snooze period as shown overpage in figure 29.

Fig. 29



- 3.8.1.8 To adjust the snooze period use the + and - buttons to increase or decrease the snooze period for any period between 1 minute and 4:00 hours.
- 3.8.1.9 When the correct snooze period is indicated on the handset, press the set button to store the required time period, or alternatively the handset can be left for a few seconds and the period will be stored automatically.
- 3.8.1.10 When the countdown timer for the snooze period has reached zero the fire will turn off (as if you had turned the fire off manually).

3.8.2 Thermostatic mode

PLEASE NOTE : Thermostatic mode of this fire will only allow regulation of the room temperature by the fire when it has been already lit via manual operation of the handset. It will not allow the fire to light automatically due to low ambient room temperature and should therefore not be relied upon for frost protection purposes.

3.8.2.1 Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light.

3.8.2.2 With the handset held as described above, press and release the mode button several times as necessary until the display has the thermometer symbol flashing at the top of the display. Press the set button to enter this mode, as shown below in figure 30.

Fig. 30



3.8.2.3 Press the set button again to see the temperature setting that is set (the default is 24 degrees celsius). If a different set temperature is required, whilst the display is showing this set temperature, press the + and - buttons to alter this setting, press the set button to store the required temperature, or alternatively the handset can be left for a few seconds and the temperature will be stored automatically.

3.8.2.4 If at any time the power button is operated during thermostat mode the control will cancel any thermostat operation and return the control to manual mode.

3.8.2.5 **IMPORTANT NOTE : Thermostat mode will not light the fire automatically and will only regulate between the maximum and minimum burner setting. The fire must be lit manually via the handset and then you enter thermostat mode as described in this section and set the temperature. When no longer requiring thermostat mode turn off the burner and the handset will return to manual mode.**

SECTION 4 MAINTENANCE

Servicing Notes

Servicing should be carried out annually by a competent person such as a GAS SAFE registered engineer. This is a condition of the guarantee schemes that this is carried out by a competent person i.e a GAS SAFE registered Engineer in accordance with these servicing notes.

The condition of the logs should be checked and **if necessary the whole set should be replaced with a genuine replacement set.**

The burner assembly is designed to be removed as a complete unit for ease of access. **After any servicing work a gas tightness check must always be carried out.**

4.1 Removing the Burner Assembly from the fire

4.1.1 Remove ash-pan, fret assembly / trim or fascia from the front of the fire.

4.1.2 Remove the 2 off fixing screws which hold the burner heat shield in place.

4.1.3 Isolate the gas supply, remove the glass frame as shown on in section 2.10 then remove the logs. Remove the 4 off fixing screws which hold the ceramic support in place.

4.1.4 Remove the front ceramic support and store in a safe place.

4.1.5 Remove the 4 off fixing screws which hold the burner and controls tray in position.

4.1.6 Lift the burner assembly and controls tray clear from the firebox.

4.1.7 Re-assemble in reverse order and carry out a gas tightness test. control valve.

4.2 Removing the Gas Control Valve

4.2.1 Remove the burner assembly as detailed in section 4.1

4.2.2 Remove the thermocouple wires from the valve, remove the main pipe, inlet pipe, pilot pipe from the valve. Take note of position of coloured terminals on thermocouple wires as valve will not function correctly if these are replaced the opposite way round.

4.2.3 Unclip the valve from its mounting bracket. Re-assemble in reverse order and carry out a gas tightness test.

4.3 Removing the Pilot Assembly

- 4.3.1 Remove the burner assembly as detailed in section 4.1
- 4.3.2 Loosen the pilot pipe, disconnect the ignition lead from the electrode, and remove the thermocouple from the pilot body.
- 4.3.3 Remove the two fixing screws which secure the pilot assembly to the mounting panel.
- 4.3.4 Remove the pilot assembly.
- 4.3.5 Re-assemble with an new pilot assembly, and gasket, ensuring than an even seal around the pilot assembly is obtained. Carry out a gas tightness test after re-assembly.

4.4 Parts Shortlist

Replacement of parts must be carried out by a competent person such as a GAS SAFE registered gas installer. The part numbers of the replaceable parts are as follows, these are available from your local stockist, whose details may be found on the BFM Europe website, address as shown on the back page of this book.

Complete fuel-bed / log set	B-1029839
Log A	B-1029839A
Log B	B-1029839B
Log C	B-1008055C
Log D	B-1029839D
Glass panel	B-1003891
Ignition wire remote models	B-34690
Ignition electrode	CV-103160
Pilot gasket	CV-102205
Remote control thermocouple	B-1028749
Gas control valve	SP10694
Remote control handset	B-168970
800mm extended flue duct	B-187420A
Embaglow	B-120070
Bag of natural vermiculite	CV-107116
Bag of black vermiculite	B-1028774
Spacer frame	1200-1017681P

SECTION FIVE - USER INSTRUCTIONS

5.1 INSTALLATION INFORMATION

CONDITIONS OF INSTALLATION

It is the law that all gas appliances are installed only by a competent (e.g. Registered) Installer, in accordance with the installation instructions and the Gas Safety (Installation and Use) Regulations 1998. Failure to install appliances correctly could lead to prosecution. It is in your own interest and that of safety to comply with the law.

The fire may be fitted below a combustible shelf provided that the shelf is at least 200mm above the top of the appliance and the depth of the shelf does not exceed 150mm.

The fire may be installed below combustible shelves which exceed 150mm deep providing that the clearance above the fire is increased by 15mm for each 25mm of additional overhang in excess of 150mm.

If this appliance is fitted directly on to a wall without the use of a fireplace or surround, soft wall coverings such as wallpaper, blown vinyl etc. could be affected by the heat and hot convection air and may discolour or scorch. This should be considered when installing or decorating.

The Model number of this appliance is as stated on the rating plate affixed to the base of the fire and the appliance is manufactured by:-

BFM Europe Ltd
Trentham Lakes
Stoke on Trent
ST4 4TJ

5.2 ABOUT YOUR NEW PASSION HE GAS FIRE

The Collection by Michael Miller Passion HE log effect gas fire incorporates a unique and highly developed fuel bed which gives the realism of a loose log layout combined with realistic flames and glow. The use of durable ceramic material in the construction of the fuelbed components ensures long and trouble free operation.

Please take the time to fully read these instructions as you will then be able to obtain the most effective and safe operation of your fire.

IMPORTANT SAFETY INFORMATION

WARNING

This is a heating appliance and as with all heating appliances a fireguard should be used for the protection of children, the elderly and infirm. Fireguards should conform to B.S. 8423 : 2002 (Fireguards for use with gas heating appliances).

It is important that this appliance is serviced at least once a year by a GAS SAFE registered gas installer. During the annual service, replacement of the pilot must be carried out. **This is a condition of the manufacturers guarantee.**

Any debris or deposits should be removed from the fuel bed from time to time. This may be carried out by referring to the cleaning section as described later in this book.

Only complete and genuine replacement fuel-bed sets must be used.

Always keep furniture and combustible materials well clear of the fire and never dry clothing or items either on or near to the fire. Never use aerosols or flammable cleaning products near to the fire when it is in use.

The ceramic fuel bed remains hot for a considerable period after use and sufficient time should be allowed for the fire to cool before cleaning etc.

DO NOT USE THIS FIRE UNDER ANY CIRCUMSTANCES IF THE GLASS PANEL IS CRACKED, BROKEN OR MISSING.

5.3 OPERATING THE FIRE - REMOTE CONTROL MODELS

- 5.3.1 Ensure valve power isolation switch is in the on position - see figure 6
Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset.
The green light of the “unlock” symbol should light. See figure 1 below.

Fig. 1



- 5.3.2 Press and hold the power button continuously until the word “PILOT” appears at the bottom left of the display as shown overpage in figure 2, (this typically takes two seconds). The burner will now light at maximum heat input level and will display “MAX” in the bottom left hand side of the display as shown in figure 3 overpage. **For most efficient performance leave the fire on high when lighting from cold for ten minutes.**

NOTE : If the power button is pressed for too long or too short a time or the grip on the handset is not firm or is released too soon, the lighting sequence will be interrupted and not complete. The reason for the remote control having this strict start sequence is for safety reasons so that the starting operation of the fire will be most unlikely to be done other than intentionally by an adult.

Fig. 2 - "PILOT" displayed



"PILOT" displayed on handset during ignition sequence (typically takes two seconds)

Fig. 3 - "MAX" & large flame symbol displayed



"MAX FLAME" displayed on handset when burner is lit to maximum rate

5.3 OPERATING THE APPLIANCE - REMOTE CONTROL MODELS (CONTINUED)

- 5.3.3 To decrease the heat input level of the burner hold the handset as described in section 5.3.1 to unlock the keypad then press and release the - button. Pressing and releasing the - button will lower the heat input level one step at a time. Pressing the - button continuously will move the heat input level to the minimum, see figure 4 below.

Fig. 4



- 5.3.4 To increase the heat input level of the fire's burner hold the handset as described in section 5.3.1 to unlock the keypad then press and release the + button. Pressing and releasing the + button will increase the heat input level one step at a time. Pressing the + button continuously will move the heat input level to the maximum.
- 5.3.5 To turn the fire off hold the handset as described in section 5.3.1 to unlock the keypad then press and release the power button. The burner will go out.

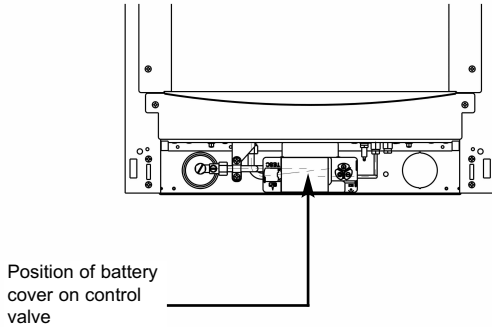
- 5.3.6 **If you are not intending to use the fire for a long period (i.e. over the summer months) the battery life can be extended by sliding the power isolator switch to the left (to the “0” position away from the “1” position) on the valve itself, which is located behind the ashpan cover on the fire.**
- 5.3.7 **In the event of loss of the remote handset, as a backup the fire can be controlled from the valve, which is located behind the ashpan cover on the fire, see section 5.4 for full manual operating instructions. If your fire does not operate manually please consult the troubleshooting chart on the rear page of this manual.**
- 5.3.8 If the handset is misplaced you can “page it” by pressing the (+) button only on the control valve on the fire for a period of 5 seconds. The handset will flash and make an audible noise to help you locate it. Once you find the handset with one hand ensure your hand is wrapped around the back and that your hand is in contact with both sides of the handset then the audible noise will cease. The flashing and sound will last for 60 seconds each time the handset is paged as described. If not found in 60 seconds page the handset again until located.

IMPORTANT NOTE : THE BATTERIES SHOULD BE REPLACED WITH GOOD QUALITY ALKALINE BATTERIES WHEN REQUIRED, THE BATTERY LIFE IS EXPECTED TO BE A MINIMUM OF 12 MONTHS WITH NORMAL USAGE. FOR BEST PERFORMANCE BFM EUROPE RECOMMEND THE USE OF ENERGIZER BATTERIES WITH IT’S PRODUCTS.

5.4 MANUAL OPERATION OF REMOTE CONTROL MODELS

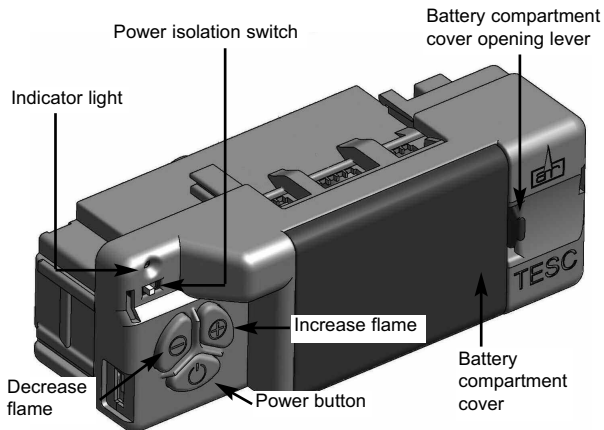
5.4.1 These products can therefore be operated manually should the need arise. The control valve is located at the base of the fire as shown below in figure 5.

Fig. 5



5.4.2 Ensure that the power isolation switch is in position "1" and the power indicator light is illuminated (red) as shown in figure 6 below.

Fig. 6



- 5.4.3 To operate the fire press and hold the “power” button as shown in figure 6 on the previous page for two seconds, release as soon as the red indicator light in figure 6 on the previous page illuminates. The burner will start its ignition sequence and light to the maximum heat input level.
- 5.4.4 To reduce the heat input, press and release the (-) button to lower the heat input level one step at a time. Pressing the (-) button continuously will move the heat input level to the minimum.
- 5.4.5 To turn the fire off, press the power button and the burner will stop.

5.4.6 If you are not intending to use the fire for a long period (i.e. over the summer months) the battery life can be extended by sliding the power isolator switch to the left (to the “0” position away from the “1” position) on the valve itself, which is located behind the ashpan cover on the fire.

5.5 REPLACING THE BATTERIES ON REMOTE CONTROL MODELS

- 5.5.1 Remove the ashpan cover, locate the control valve battery cover at the centre of the burner, (see section 5.4, figure 5 on previous page for location) then slide the power isolator switch (see section 5.4, figure 6 on previous page for location) to the “0” position (to the left).
- 5.5.2 Remove the battery cover and replace the 3 off AA batteries with good quality Alkaline items, BFM Europe recommend the use of “Energizer” batteries. **It is important that only an alkaline battery is used, otherwise premature battery failure and leakage may result.**
- 5.5.3 Replace the battery cover and turn the power isolator switch to the “1” position (to the right).
- 5.5.4 Replace the ashpan cover and operate the fire as normal.
- 5.5.5 On remote control models only fit two off AA batteries to the handset in the direction shown inside the handset moulded into the plastic.

5.6 SETTING THE TIME, DATE & TEMPERATURE ON THE REMOTE HANDSET

- 5.6.1 Fit the 2 off AA batteries to the handset by removing the cover on the rear of the handset and inserting the batteries, ensure the correct +/- polarity is observed. Following insertion of the batteries the screen displayed will be as shown below in figure 7.

Fig. 7



- 5.6.2 Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light and the screen displayed will be as shown overpage in figure 8.
- 5.6.3 The “H” symbol as indicated in figure 30 overpage indicates that the timer can now be set in either 24hr or 12hr mode. Press the + or - buttons on the handset to toggle between the two settings, figure 8 overpage displays the 24hr mode.

Fig. 8



5.6.4 When the 24hr or 12hr time display option has been chosen and you are ready to confirm the setting you want press the SET button on the handset to progress to setting the day of the week as shown overpage in figure 9.

5.6.5 Press and release the + and - buttons on the handset until the correct day of the week is shown on the handset display

Mo = Monday
Tu = Tuesday
We = Wednesday
Th = Thursday
Fr = Friday
Sa = Saturday
Su = Sunday

5.6.6 Press SET to accept the day of the week and progress to setting the hour of the day.

Fig. 9



5.6.7 As shown above in figure 9 the time on the handset can now be set by using the + and - buttons to change the hour to the correct hour then press SET to store and to move to setting the minute. Repeat this process for setting the minute to the correct minute then press SET to store.

5.6.8 The handset will then display the temperature setting screen as shown overpage in figure 10, the option to choose either Celsius or Fahrenheit can be chosen, these settings are shown as either C or F. Use the + and - buttons to toggle between these two options then press SET to store. The important settings have now been completed so press and hold the SET button for a few seconds and this will exit the set-up menu.

Fig. 10



5.6.9 The control is now ready for use with the burner.

5.6.10 If the handset is misplaced you can “page it” by pressing the (+) button only on the control valve on the fire for a period of 5 seconds. The handset will flash and make an audible noise to help you locate it. Once you find the handset with one hand ensure your hand is wrapped around the back and that your hand is in contact with both sides of the handset then the audible noise will cease. The flashing and sound will last for 60 seconds each time the handset is paged as described. If not found in 60 seconds page the handset again until located.

5.7 ADVANCED SETTINGS MENU OF THE REMOTE CONTROL

5.7.1 Snooze mode in manual operation

- 5.7.1 Snooze mode is a time period which can be set which will turn the fire automatically off after a certain time period has elapsed.
- 5.7.2 Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light. The snooze time period can be set either before or during manual operation of the fire.
- 5.7.3 With the handset held as described above, press the mode button to scroll through the functions until the symbols MAN and Zzz are flashing at the top of the display as shown below in figure 11.
- 5.7.4 Press and release the set button and this will put the control into the manual snooze mode.
- 5.7.5 The default time period in snooze mode is 1:00 hour.

Fig. 11



5.7.6 Pressing the set button again will now show you the snooze time period remaining. The snooze time period can be adjusted by pressing the + or - buttons on the handset. This time period can be set ranging from 1 minute to 4:00 hours.

5.7.7 To adjust the snooze period, hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light. Press the set button and the screen will show how long is left of the snooze period as shown below in figure 12.

Fig. 12



5.7.8 To adjust the snooze period use the + and - buttons to increase or decrease the snooze period for any period between 1 minute and 4:00 hours.

5.7.9 When the correct snooze period is indicated on the handset, press the set button to store the required time period, or alternatively the handset can be left for a few seconds and the period will be stored automatically.

5.7.10 When the countdown timer for the snooze period has reached zero the fire will turn off (as if you had turned the fire off manually).

5.8.2 Thermostatic mode

PLEASE NOTE : Thermostatic mode of this fire will only allow regulation of the room temperature by the fire when it has been already lit via manual operation of the handset. It will not allow the fire to light automatically due to low ambient room temperature and should therefore not be relied upon for frost protection purposes.

5.8.1 Hold the handset with one hand ensuring your hand is wrapped around the back and that your hand is in contact with both sides of the handset. The green light of the “unlock” symbol should light.

5.8.2 With the handset held as described above, press and release the mode button several times as necessary until the display has the thermometer symbol flashing at the top of the display. Press the set button to enter this mode, as shown below in figure 13.

Fig. 13



5.8.3 Press the set button again to see the temperature setting that is set (the default is 24 degrees celsius). If a different set temperature is required, whilst the display is showing this set temperature, press the + and - buttons to alter this setting, press the set button to store the required temperature, or alternatively the handset can be left for a few seconds and the temperature will be stored automatically.

5.8.4 If at any time the power button is operated during thermostat mode the control will cancel any thermostat operation and return the control to manual mode.

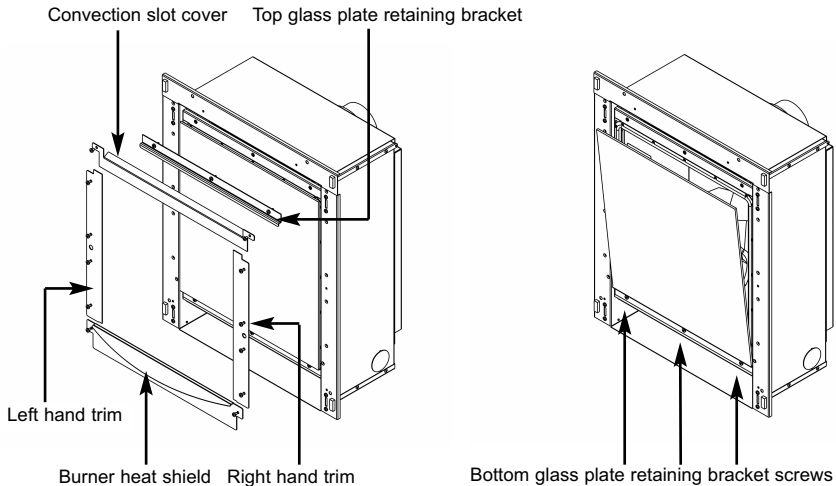
5.8.5 **IMPORTANT NOTE : Thermostat mode will not light the fire automatically and will only regulate between the maximum and minimum burner setting. The fire must be lit manually via the handset and then you enter thermostat mode as described in this section and set the temperature. When no longer requiring thermostat mode turn off the burner and the handset will return to manual mode.**

5.9 REMOVAL / REPLACING THE GLASS FRAME

- 5.9.1 Remove the 2 screws which hold the convection slot cover to the firebox, as shown below in figure 14.
- 5.9.2 Remove the burner heat shield by unscrewing the 2 off retaining screws as shown below in figure 14.
- 5.9.3 Remove the 4 off securing screws from the left hand side trim and right hand side trim as shown below in figure 14.
- 5.9.4 Remove the 3 off top glass plate retaining bracket screws as shown below in figure 14. Take care not to allow the glass panel to fall forwards under its own weight, it may be advantageous to loosen the bottom glass plate retaining brackets as also shown below in figure 14.
- 5.9.5 Re-assemble in reverse order.

NOTE : Always ensure that a consistent seal between the combustion chamber and the glass frame is achieved.

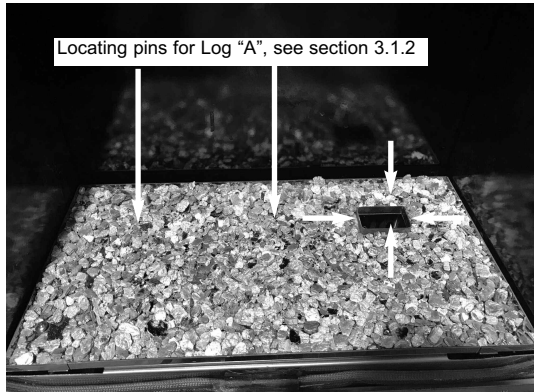
Fig. 14



5.10 REMOVING / REPLACING THE FUELBED

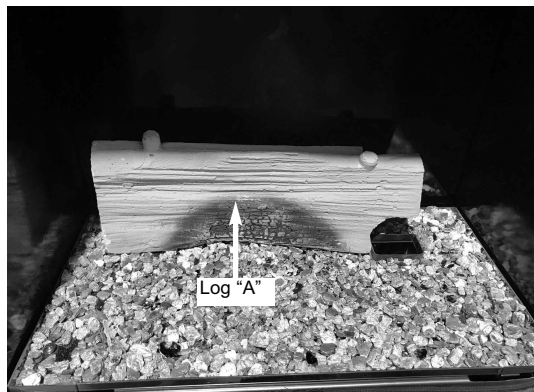
- 5.10.1 Place a single, thin, even layer of vermiculite into the burner tray as shown below in figure 15. **Ensure that the layer of vermiculite is evenly distributed in the fuel-bed tray. Remove any vermiculite from the pilot aperture as indicated by the arrows in figure 15. DO NOT USE BOTH NATURAL AND BLACK VERMICULITE SUPPLIED TOGETHER, SELECT AND USE ONLY THE PREFERRED OPTION.**

Fig. 15



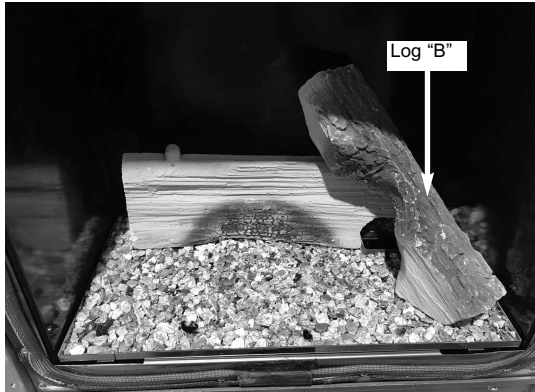
- 5.10.2 Place log "A" onto the rear left hand side of the fuel-bed tray as shown below in figure 16, using the locating pins as indicated above in figure 15 to ensure correct placement.

Fig. 16



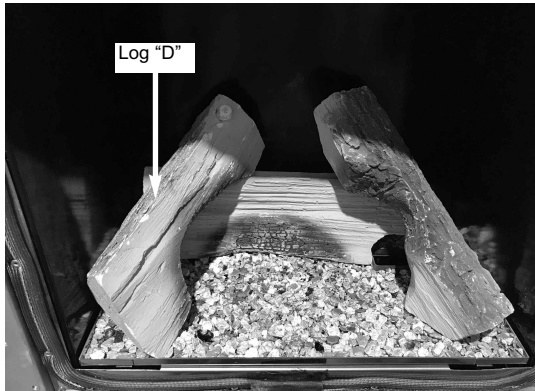
5.10.3 Place log “B” onto log “A” using the locating lug on log “A” as a guide for correct placement as shown below in figure 17.

Fig. 17



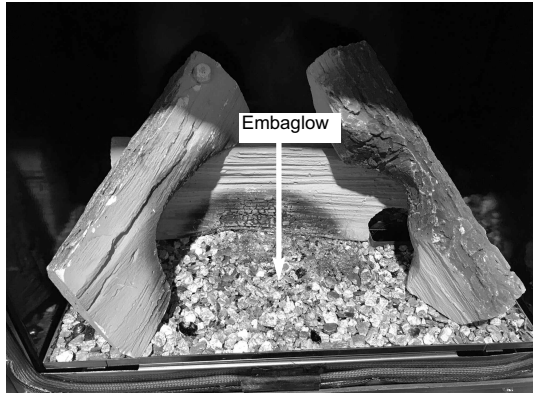
5.10.4 Place Log “D” onto Log “A” using the locating lug on log “A” as a guide for correct placement as shown below in figure 18.

Fig. 18



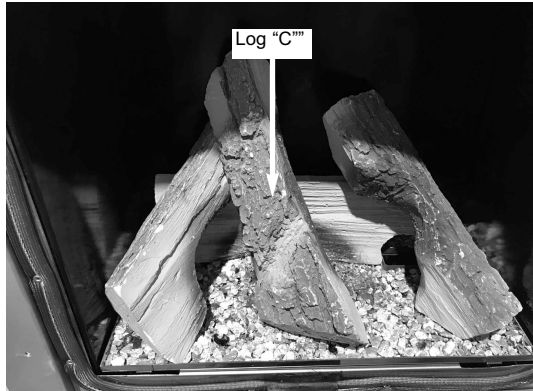
5.10.5 Place a layer of “embaglow” material as required. as shown below in figure 19.

Fig. 19



5.10.6 Place Log “C” onto Log “D” using the locating lug on log “A” as a guide for correct placement as shown below in figure 20.

Fig. 20



5.10.7 Refit the glass frame as detailed in section 5.9, then light the appliance as detailed in section 5.3

Warning : Use only the logs supplied with the fire. When replacing the logs remove the old logs and discard them. Fit a complete set of logs of the correct type. Do not fit additional logs or any logs other than a genuine replacement set.

Protective clothing is not required when handling these articles, but we recommend you follow the normal hygiene rules of not smoking, eating or drinking in the work area, and always wash your hands before eating or drinking.

This appliance does not contain any component manufactured from asbestos or asbestos related products.

5.11 CLEANING THE FIRE - WARNING

Before attempting any cleaning operation ensure that the fire has been allowed to fully cool. Consult your retailer to determine what trim / fret / fascia option was supplied with your fire. If a real Brass fret was supplied with the fire it will therefore will discolour with use and should be cleaned with a proprietary metal polish. A laquered brass fret should not discolour and should only be cleaned with a clean, damp cloth. The chrome, black & brass effect trims and chrome effect fret that are supplied with the fire (dependent upon model chosen) should only also be cleaned with a clean, damp cloth.

The trim is best cleaned in position on the fire when the appliance is not running and is cool. Black painted metal parts should be gently cleaned with a damp cloth.

5.12 CLEANING THE FUEL-BED

NEVER USE THE FIRE WITHOUT THE GLASS PANEL IN POSITION, OR IF BROKEN OR CRACKED.

We do not recommend cleaning of the logs or fuelbed components as these are fragile and damage may result. **None of these parts must be washed or exposed to any cleaning agents or water.** Any damaged parts must be replaced by contacting your dealer or telephoning BFM Europe Ltd. on the number stated on the rear cover of this book. The logs must only be replaced with a complete and genuine replacement set and the fire must never be run with the wrong number or damaged logs. The fuel-bed must be carefully re-assembled as stated in section 5.10.

5.13 CLEANING THE NON-REFLECTIVE GLASS PANEL

This product is equipped with non-reflective glass which must be cleaned as follows or irreparable damage to the coating on the glass panel will occur. The manufacturers warranty will not cover damage by incorrect cleaning methods.

- DO NOT USE ceramic glass cleaning agents.
- DO NOT USE sharp objects or blades to remove marks.
- DO NOT USE dry cloths or wipes.
- DO USE normal glass cleaner such as "Sidolin".
- DO USE soft glass wipes.
- DO USE damp cloths.

PLEASE NOTE :- The glass will require cleaning periodically. Condensation produced by the products of combustion will create marks on the inside face of the glass panel.

5.14 USER REPLACEABLE PARTS

Complete fuel-bed / log set	B-1029839
Log A	B-1029839A
Log B	B-1029839B
Log C	B-1008055C
Log D	B-1029839D
Glass panel	B-1003891
Embaglow	B-120070
Bag of natural vermiculite	CV-107116
Bag of black vermiculite	B-1028774

Due to our policy of continual improvement and development the exact accuracy of illustrations and descriptions contained in this book cannot be guaranteed.

TROUBLE SHOOTING ADVICE FOR REMOTE CONTROL MODELS PRIOR TO REQUESTING A SERVICE CALL

Please locate the Indicator light on the control valve behind the ashpan cover (see figure 5 on page 42), if it shows **any** of the following flashing sequences then the problem requires the batteries in the control valve and / or handset changing, **be advised that service calls as a result of batteries requiring being changed in the product or handset are chargeable.**

- a) If the red indicator light flashes **ONCE** every ten seconds the batteries in the control valve require changing, see section 5.5
- b) If the red indicator light flashes **TWICE** every ten seconds the batteries in the handset require changing, see section 5.5
- c) If the red indicator light flashes **THREE** times every ten seconds the batteries in the control valve and the handset require changing, see section 5.5

If these red indicator light flashes are ignored then eventually this will show as a flash every second and your fire will cease to operate until the batteries are changed.

If a permanent red indicator light is shown after attempting to ignite the fire this signifies no spark or no gas at the pilot and therefore a service call will be required to diagnose the fault.

PLEASE ENSURE THIS ADVICE IS FOLLOWED TO AVOID BEING CHARGED FOR A SERVICE CALL AS A RESULT OF BATTERIES REQUIRING TO BE CHANGED.

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