

# Celena MK2

#### **BALANCED FLUE LOG EFFECT GAS FIRE**

Installation, Maintenance & User Instructions
Hand these instructions to the user

Model No's DCBL\*\*RNB2 is only for use on Natural Gas (G20) at a supply pressure of 20 mbar in G.B. / I.E.

\*\* denotes cosmetic variant

#### Information Requirements for Commission Regulation (EU) 2015/1188

Model Identifier DCBL\*\*RNB2

Indirect Heating Functionality No

Direct Heat Output 3.4kW

Indirect Heat Output Not Applicable

Fuel Natural Gas (G20)

NOx Emissions 130mg/kWh

Nominal Heat Output 3.4kW

Minimum Heat Output (Indicative, all models) 1.4kW

Useful Efficiency at Nominal Heat Output 89.3%

Useful Efficiency at Minimum Heat Output (Indicative) 50.0%

Auxilliary Power Consumption at Nominal Heat Output 0.000001kW

Auxilliary Power Consumption at Minimum Output 0.000001kW

Auxilliary Power Consumption at Standby Mode 0.0000005kW

Permanent Pilot Flame Requirement 0.21kW

Type of Heat Output / Room Temperature Control With electronic room

temperature control

Contact Details BFM Europe Ltd.

Gordon Banks Drive Trentham Lakes North

Stoke-on-Trent

ST4 4TJ

Tel: 01782 339000

#### **CONTENTS**

		PAGE
Section 1	Information and Requirements	
1.0	Appliance Information	3
1.1	Conditions of Installation	4
1.2	Fireplace surround & suitability	4
1.3	Flue Terminal Position	5
1.4	Shelf position	6
1.5	Hearths	6
Section 2	Installation of Fire	
2.1	Unpacking the fire	6
2.2	Fireplace opening	7-8
2.3	Preparation of the wall	9
2.4	Preparation of the flue hole	10
2.5	Installation of the gas supply	11
2.6	Preparation of the flue duct	12
2.7	Securing the firebox to the opening	13
2.8	Installation of the firebox	14-16
2.9	Installation of the Boticelli surround	17-18
2.10	Checking mechanical fixing of the surround	19
2.11	Making the gas connection/ pressure testing	20
2.12	Fitting the terminal guard	20
Section 3	Assembling Fuel Bed and Commissioning	
3.1	Fitting the log fuelbed	21-24
3.2	Fitting the batteries	25
3.3	Operation of the fire	26-29
3.4	Lighting the fire	30-33
3.5	Advanced settings of remote control	33
Section 4	Maintenance	
4.1	Removal of the burner assembly	38
4.2	Removal of the gas valve	38
4.3	Removal of the pilot assembly	39
4.4	Parts shortlist	40
Section 5	User Instructions	
5.1	Conditions of installation	41
5.2	About your new fire	42
5.3	Operating the fire	43-46
5.4	Changing the batteries in handset and in the fire	47
5.5	Setting the time, date and temperature on the remote handset	48-51
5.6	Advanced settings of the remote control	52-55
5.7	Cleaning instruction	56
5.8	Removal / re-fitting the glass panel	57
5.9	Removal / replacement of the fuelbed	58-60
5.10	User replaceable parts	62

This appliance is manufactured by :-

BFM Europe Ltd, Trentham Lakes, Stoke-on-Trent, ST4 4TJ.

# SECTION 1 INFORMATION AND REQUIREMENTS

#### 1.0 APPLIANCE INFORMATION

Model DCBL\*\*RNB2

\*\* denotes cosmetic variant of product

Gas Type G20
Main injector (1 off) Size 1.60mm

Pilot Type Black Technigas "Polidoro" G27.2

 Max. Gross Heat Input :
 4.2 kW

 Min. Gross Heat Input :
 2.8 kW

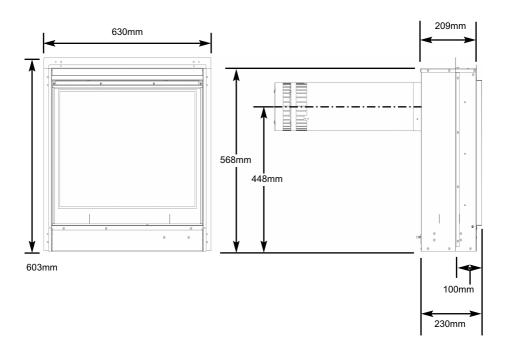
 Gas Rate :
 0.394m³/hr

 Cold Pressure :
 20.0 +/-1.0 mbar

Electrode Spark Gap 4.0mm Packed Weight 42.5kg

Gas Connection: 8mm Compression (supplied with fire) Ignition: Via remote, integral to control system

Fig. 1



#### **INSTALLATION REQUIREMENTS**

#### **Efficiency Declaration**

The efficiency of this appliance has been measured as specified in BS EN 613: 2021 and the result after conversion to Gross using the appropriate factor from Table 4 of SAP 2009 is 81.1%. 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 Scotlish Development Department, and all applicable requirements of the following British Standard Code of Practice.

- 1. B.S. 5871 Part 2 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

The fire must only be installed on a hearth it must not be installed directly onto carpet or other combustible floor materials.

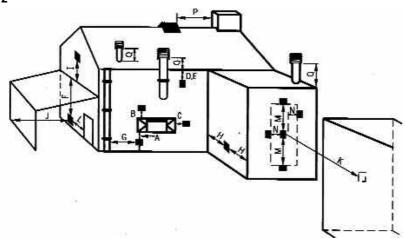
If a heating appliance is fitted directly against a wall combustible material must be removed from behind it. Soft wall coverings such as blown vinyl, wall paper etc. could be affected by the rising hot air and scorching and/or discoloration may result. Due consideration should be made to this when installing or decorating.

This product can only be installed with surround designs available from the MM Collection or designs which meet the criteria as required by BFM Europe. For further details of specification requirements please contact BFM Europe Technical Service.

#### 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 (figure 2).

Fig. 2



#### **DIMENSION TERMINAL POSITION**

#### MINIMUM DIMENSION

Α	Directly below an opening, air brick, opening window	300mm (12in)
В	Above an opening, air brick, opening window	300mm (12in)
С	Horizontally to an opening, air brick, opening window etc.	300mm (12in)
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)
Н	From an internal or external corner	600mm (24in)
1	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)
0	NOT APPLICABLE	N/A
Р	NOT APPLICABLE	N/A
Q	NOT APPLICABLE	N/A

#### 1.4 SHELF POSITION

This fire must not be fitted below combustible shelf materials.

#### 1.5 HEARTHS

If installing with a hearth panel this appliance must only be installed with the BFM Europe supplied hearth panel or an alternative item as dimensionally approved by BFM Europe. For hole in the wall installations with trims please see section 2.2.2 / 2.2.3

## 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 front of the appliance. Check the contents as listed :-

#### Packing Check List - All Models

Pack 2 of 2 - Limestone Surround

1 off hearth panel

1 off R/H infill section

1 off R/H leg

1 off L/H leg

1 off 1 off 1 off 1 off 1 off 1 off 1 off	Combustion chamber & glass frame assembly Boxed ceramic fuel-bed set (packed inside combustion chamber) Wall plate and screws Flue terminal / pipe unit Flue terminal guard Installation / user book (combined) Guarantee card		
1 off	Loose items pack – containing :-	1 off standard fixing kit 5 off 1.5V AA batteries 1 off thermostatic remote handset 4 off 8mm rawlpugs & fixing screws 1 off length of foil tape 500mm 4 off 8mm nylon plugs 4 off 30mm wood screws 2 off surround securing brackets 1 off Embaglow material 1 off Bag of black vermiculite 1 off Bag of cream vermiculite 1 off 25mm grommet	

1 off bottom infill section

1 off shelf top section

1 off top infill section

1 off L/H infill section

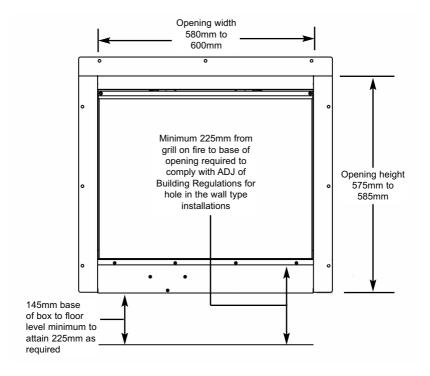
1 off shelf top infill section

#### 2.2 FIRE PLACE OPENING

#### 2.2.1 FIREPLACE OPENING FOR "ENGINE ONLY" APPLICATIONS

2.2.2 The front opening of the fire place must be between 580mm and 600mm wide, between 575mm and 585mm high and 205mm deep (130mm with spacer). If the opening exceeds these dimensions then an opening must be constructed from suitable non-combustible material. See below in figure 3.

Fig. 3

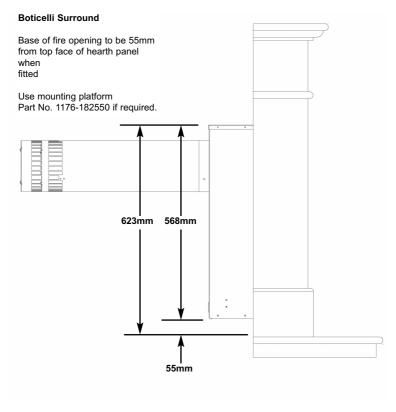


2.2.3 If fitting as a hole in the wall type installation with a trim the fire must be fitted in accordance with approved document J of the building regulations and hence at a height of 225mm above floor height, to achieve this please install the base of the firebox at a minimum height of 145mm from the floor level as shown above in figure 3.

#### 2.2.4 FIREPLACE OPENING FOR SURROUND INSTALLATIONS

- 2.2.5 If fitting this fire with a surround supplied from BFM Europe then the fireplace opening of width 580mm minimum to 600mm maximum and height minimum 575mm to maximum 585mm needs to be prepared at the height shown in figure 4 below. Fit and bed the hearth panel in accordance with section 2.9.2 in order to obtain the correct position of the fire and the hole centre of the flue as detailed in section 2.3.2
- 2.2.6 There is a mounting platform available as an optional extra from the manufacturer to assist with installation, please request part no. 1176-182550.

Fig. 4

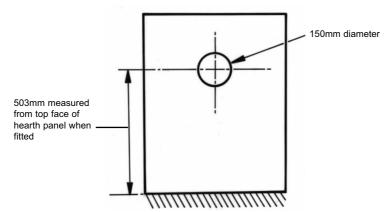


NOTE: If installing with a retailer designed surround package (i.e. not supplied by BFM Europe) then please consult the retailer to determine installation height required for the fire.

#### 2.3 PREPARATION OF THE WALL

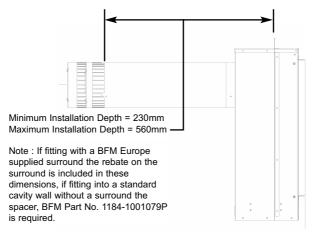
- 2.3.1 The appliance and flue pipes must be installed at right angles to the mounting wall. The appliance itself should be installed vertically against a flat wall. Where an uneven wall surface is found, appropriate action should be taken to ensure that the appliance is not stressed or does not distort when installed.
- 2.3.2 Ensure that the surface onto which the appliance is mounted onto is flat. The minimum height from the top face of the hearth to the centre of the flue is shown on figure 5 below for appliances fitted with BFM supplied surrounds when measured from the top face of the installed hearth panel.

Fig. 5



2.3.3 See figure 6 below that details minimum and maximum installation depths from mounting flange on fire to outer face of brickwork.

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 5.

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 5.

Mark the position of the hole around this point.

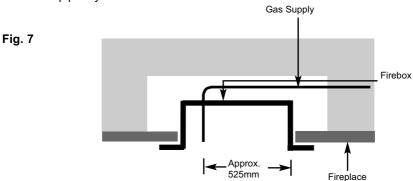
Chisel out the area as marked on the wall.

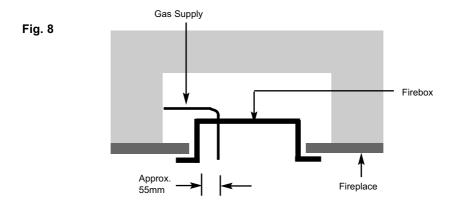
2.4.4 We then recommend that a cardboard cylinder is placed around the flue pipe and inserted in the chiselled out hole whilst making good.

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 ROUTING / 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 the opening in the rear of the fire box and connect to the inlet elbow. See section 2.15 for burner removal to obtain access to the inlet elbow cover plate. 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.

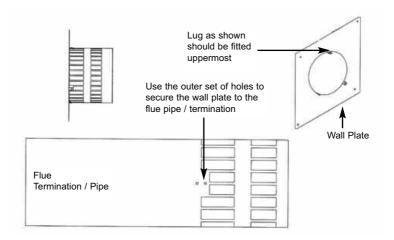
#### 2.6 PREPARATION OF THE FLUE DUCT

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.

#### 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 removed from the flue pipe / termination.

Fig. 9

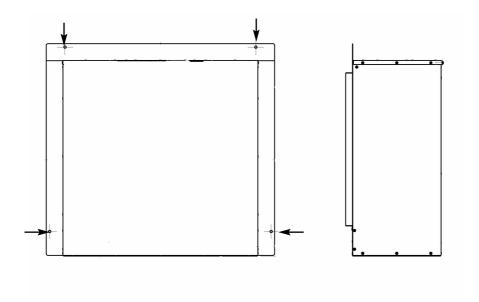


- 2.6.3 Due to the varying lengths of flue that will be required via differing installations it will be necessary to drill the flue pipe using the 3 off holes in the mounting flange on the rear of the combustion chamber as a guide for positioning. When the holes have been drilled and the screws fitted, 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 rawlplugs supplied to ensure a mechanical fix.

#### 2.7 SECURING OF FIREBOX TO THE OPENING

2.7.1 The firebox must be secured to the opening using four screws and wall plugs (not provided). See figure 10 below that indicates the hole centre positions available on the firebox to facilitate the screw fixing to the fireplace opening.

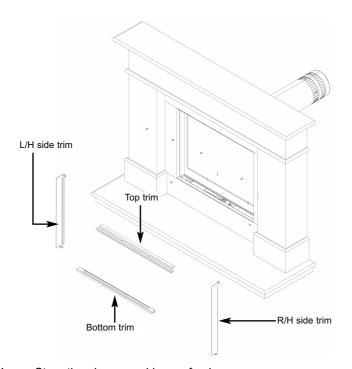
Fig. 10



#### 2.8 INSTALLATION OF THE FIREBOX

- 2.8.1 Lift the bottom trim clear of the firebox as shown below in figure 11.
- 2.8.2 Remove the L/H trim & R/H trim (held in place by 2 off M4 screws top and bottom) then remove the top trim (held in place by 2 off M4 screws).
- 2.8.2 The glass panel can now be lifted clear as shown below in figure 11.

Fig. 11

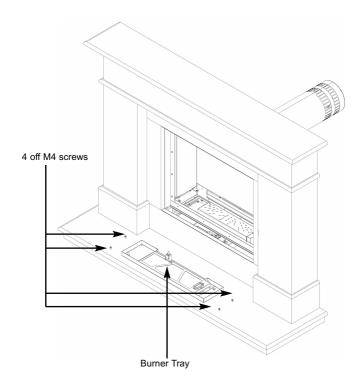


- 2.8.4 Store the glass panel in a safe place.
- 2.8.5 Re-assemble in reverse order when re-fitting the glass.

### 2.8.6 DO NOT OPERATE THE FIRE WITHOUT THE GLASS PANEL IN POSITION OR NOT CORRECTLY LOCATED.

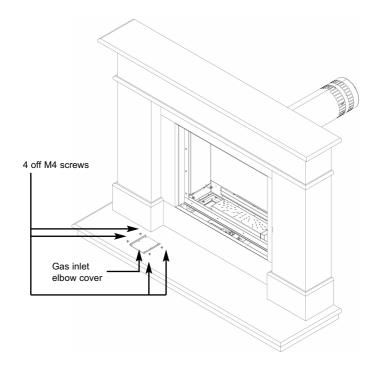
2.8.9 Remove the four off M4 screws which hold the burner tray in position as shown below in figure 12.

Fig. 12



- 2.8.10 Lift the burner tray clear from the firebox.
- 2.8.11 This will allow access to the gas inlet elbow cover which is situated to the left hand side of the burner.
- 2.8.12 Remove the gas inlet cover (held in position by 4 off screws) as shown overpage in figure 13.
- 2.8.13 Connect the gas supply pipe run prepared as per section 2.5 to the inlet elbow.

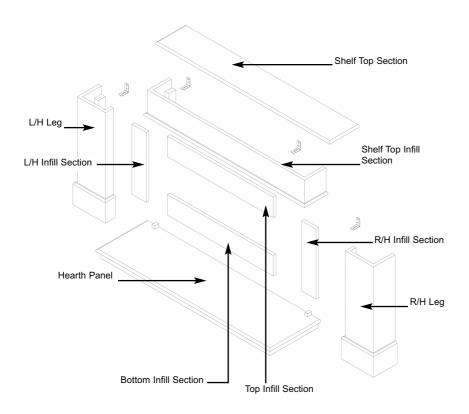
Fig. 13



#### 2.9 INSTALLING THE "BOTICELLI" SURROUND

- 2.9.1 Unpack the surround from the wooden crate, check all parts are present as per figure 14 overpage and carefully store the components.
- 2.9.2 The underside of the hearth should be painted with a weak PVA (8 parts water to 1 part PVA). This will prevent staining penetrating through the stone. The hearth must be centered to the opening. If the fireplace is to be installed on a chimney breast ensure that the opening is also centered to the chimney breast. It is essential that the hearth is completely level. The hearth must be bedded down on bonding or an equivalent material. Avoid cement based products and ensure the hearth is firmly fitted and well supported. Allow the bedding material to set before any weight is placed onto the hearth. Wipe off any surplus bonding material with a wet sponge.
- 2.9.3 Fit bottom section to hearth, ensure it is central before fixing with a suitable mastic adhesive.
- 2.9.4 Fit brackets to top of legs, offer leg up to wall and mark position of fixing hole on wall, use shelf to ensure legs are correctly spaced / positioned. Remove shelf then cover hearth with dust sheet and drill the fixing holes. Remove the brackets from the legs, fix the side infills into place with suitable adhesive and secure the leg fixing brackets only to the wall. Fit legs to brackets that have been securely attached to the wall with fixings as detailed in 2.9.5
- 2.9.5 Assess the chimney breast onto which the fire is to be installed and ensure that it is of sound construction and suitable for supporting the weight of the surround. Fixings used to secure the leg brackets to the masonry of the chimney breast shall be of expansive stainless steel or galvanised steel type masonary fixings for dense concrete blockwork or brickwork. Where fixings are located into light weight blockwork or friable aggregrate blocks, the fixings shall be of the resin anchor type.
- 2.9.6 Fix the shelf top infill section and shelf infill into place again utilising the same procedure as for the legs, i.e. mark positions, drill holes to suit, remove brackets and secure brackets to wall with suitable fixings as detailed in 2.9.5
- 2.9.7 Fit shelf top section into place ensuring it is correctly centered, mark the position of holes for securing brackets on wall, remove shelf and drill wall and insert fixings in accordance with 2.9.5, these brackets can be recessed if required.
- 2.9.8 Once the fireplace is correctly installed, grout all of the joints including between the fireplace and the wall with a water based cream mastic or tile grout. Ensure all surplus grout is immediately removed by washing the stonework using a sponge and clean water.

#### 2.9 - Fig. 14 - Boticelli Surround



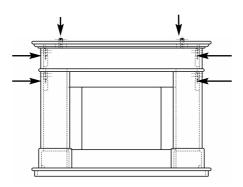
#### Contents of Boticelli surround :-

- 1 off hearth panel
- 1 off R/H leg
- 1 off L/H leg
- 1 off R/H infill section
- 1 off L/H infill section
- 1 off bottom infill section
- 1 off shelf top infill section
- 1 off shelf top section
- 1 off top infill section

#### 2.10 CHECKING MECHANICAL FIXING OF SURROUND COMPONENTS

2.10.1 Ensure that the surround components as shown below in figure 15 are mechanically secured as indicated, this is required in accordance with the latest revision of *BS 1251 : 2015 Open Fireplace Components*.

Fig. 15



#### 2.11 MAKING THE GAS CONNECTION / PRESSURE TESTING

### THIS APPLIANCE IS INTENDED FOR USE ON A GAS SUPPLY WITH A GOVERNED METER.

- 2.11.1 The gas connection should be made to the appliance inlet elbow to using 8mm rigid tubing.
- 2.11.2 Remove the pressure test point screw from the inlet elbow and fit a manometer.
- 2.11.3 Turn on the main gas supply and carry out a gas tightness test. Light the fire (see section 3.3 for instructions).
- 2.11.4 Check that the gas pressure is 20.0 mbar (+/- 1.0mbar) 8.0 in w.g.(+/- 0.4 in w.g.). 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.

#### 2.12 FITTING THE TERMINAL GUARD

- 2.12.1 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.
- 2.12.2 Remove the terminal guard and drill the 4 off 6 mm holes.
- 2.12.3 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.

#### **SECTION 3**

#### 3.1 ASSEMBLING THE LOG FUEL-BED

3.1.1 Lay an even layer of vermiculite material across the burner tray as shown below in figure 16.

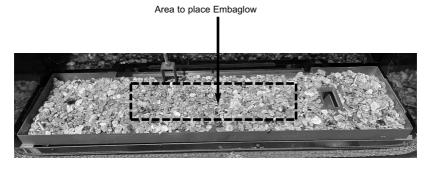
Fig. 16



3.1.2 If required fit the embaglow material over the flame ports. To do this seperate into short strands and place randomly over the centre flame porting area as indicated by the arrows below in figure 17.

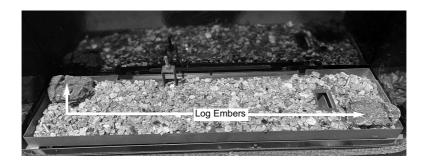
This material is only supplied to improve flame aesthetics and is optional to install.

Fig. 17



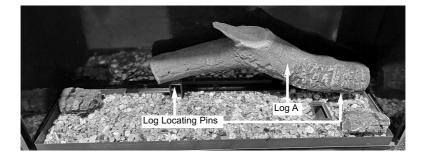
3.1.3 Place 2 off "log embers" in position at the left and right hand side of the fuel-bed tray as shown below in figure 18

Fig. 18



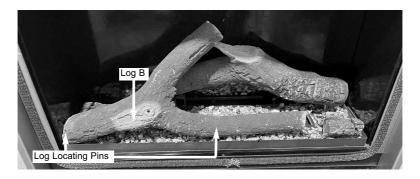
3.1.4 Place log "A" in position at the rear right hand side of the burner as shown below in figure 19, using the locating holes in the base of the log and the location pins at the right hand rear and left of centre as a guide for placement.

Fig. 19



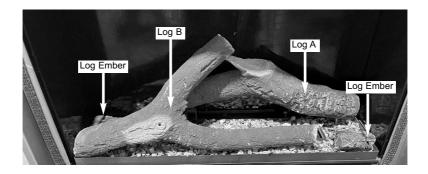
3.1.5 Place log "B" in position at the left hand side of the burner as shown below in figure 20, using the locating holes in the base of the log and the location pins at the front left hand side and left of centre as a guide for placement.

Fig. 20



3.1.6 As a final check ensure that the logs are layed correctly as shown below in figure 21.

Fig. 21



3.1.7 Re-fit the glass frame assembly in reverse order to that described in section 2.8

Warning: Use only the log fuel-bed supplied with the fire. When replacing the log fuel-bed remove the old log fuel-bed and discard it. Fit a complete log fuel-bed from the manufacturer, only use genuine replacements.

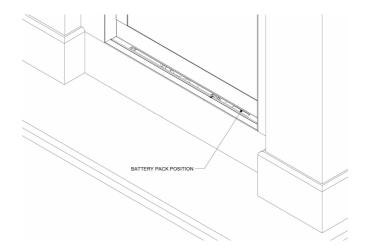
# THE FOLLOWING STATEMENT IS APPLICABLE TO ALL FUEL-BED COMPONENTS

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

#### 3.2 FITTING THE BATTERIES

3.2.1 The battery pack is located under the front grill at the right hand side as shown below in figure 22.

Fig. 22



- 3.2.2 Lift battery pack from its retaining bracket, remove rear cover (held in position by screw) and then fit 3 off AA batteries. Replace cover and then re-position battery pack within retaining bracket.
- 3.2.3 Fit 2 off AA sized batteries to handset removing rear cover, fit batteries and replace rear cover. Now proceed to section 3.3.1 and set the time, date and temperature on the remote control handset.

#### 3.3 OPERATION OF THE FIRE

IMPORTANT: IF THE BURNER IS EXTINGUISHED FOR ANY REASON YOU MUST ENSURE THAT YOU WAIT A FULL FIVE MINUTES BEFORE ATTEMPTING TO RE-LIGHT THE FIRE.

The product is controlled by the remote handset supplied with the fire.

### 3.3.1 SETTING THE TIME, DATE & TEMPERATURE ON THE REMOTE HANDSET

3.3.1.1 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 23.

Fig. 23



- 3.3.1.2 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 and the screen displayed will be as shown overpage in figure 24.
- 3.3.1.3 The "H" symbol as indicated in figure 31 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 24 overpage displays the 24hr mode.

Fig. 24



- 3.3.1.4 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 25.
- 3.3.1.5 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

Fig. 25



- 3.3.1.7 As shown above in figure 25 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.
- 3.3.1.8 The handset will then display the temperature setting screen as shown overpage in figure 26, 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. 26

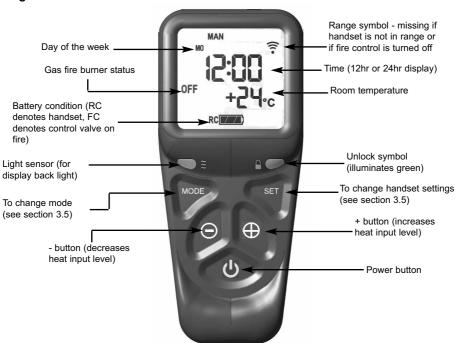


- 3.3.1.9 The control is now ready for use with the burner.
- 3.3.1.10 If the handset is misplaced you can "page it" by pressing the (+) button only on the control valve on the fire for a period of 5 seconds. The handset will flash and make an audible noise to help you locate it. Once you find the handset 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.

#### 3.4 LIGHTING THE FIRE - REMOTE CONTROL MODELS

3.4.1 Ensure valve power isolation switch is in the "on" position on the valve and that the time, date & temperature display settings as shown in section 3.3 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 27 below.

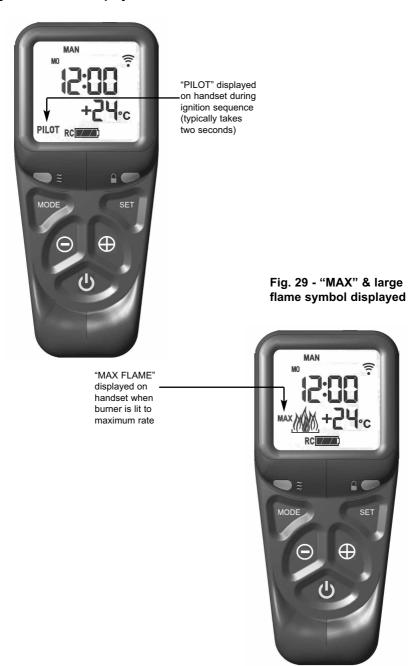
Fig. 27



3.4.2 Press and hold the power button continuously until the word "PILOT" appears at the bottom left of the display as shown overpage in figure 28, (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 29 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. 28 - "PILOT" displayed



## 3.4 LIGHTING THE APPLIANCE - REMOTE CONTROL MODELS (CONTINUED)

3.4.3 To decrease the heat input level of the burner hold the handset as described in section 3.4.1 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 30 below.

Fig. 30



- 3.4.4 To increase the heat input level of the fire's burner hold the handset as described in section 3.4.1 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.
- 3.4.5 To turn the fire off hold the handset as described in section 3.4.1 to unlock the keypad then press and release the power button. The burner will go out.

- 3.4.6 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 disconnecting the battery pack from the valve, see section 3.2
- 3.4.7 In the event of loss of the remote handset, as a backup the fire can be turned off by pressing the on/off switch located below the grill at the base of the fire.
- 3.4.8 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

#### 3.5 ADVANCED SETTINGS MENU OF THE REMOTE CONTROL

#### 3.5.1 Snooze mode in manual operation

- 3.5.1.1 Snooze mode is a time period which can be set which will turn the fire automatically off after a certain time period has elapsed.
- 3.5.1.2 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.
- 3.5.1.3 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 31.
- 3.5.1.4 Press and release the set button and this will put the control into the manual snooze mode.
- 3.5.1.5 The default time period in snooze mode is 1:00 hour.

Fig. 31



- 3.5.1.6 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.
- 3.5.1.7 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 32.

Fig. 32



- 3.5.1.8 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.
- 3.5.1.9 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.
- 3.5.1.10 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).

#### 3.5.2 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.

- 3.5.2.1 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.
- 3.5.2.2 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 33.

Fig. 33



3.5.2.3 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.

- 3.5.2.4 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.
- 3.5.2.5 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 should be carried out annually by a competent person such as a GAS SAFE registered engineer. It is a condition of the guarantee scheme that this is carried out by a competent person i.e a GAS SAFE registered Engineer in accordance with these servicing notes and that the themocouple is changed annually as a condition of the guarantee. 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 Prepare work area (lay down dust sheets etc.)
- 4.1.2 Remove the glass, remove the ceramic logs and vermiculite.
- 4.1.3 Unscrew and remove the four screws which retain the fuel-bed support, then lift clear.
- 4.1.4 Remove the gas inlet elbow access panel via 4 off screws, isolate the gas supply and disconnect the valve inlet pipe from the gas supply into the fire.
- 4.1.5 Remove the 12 off screws which hold the burner tray to the firebox then lift the burner unit and controls assembly clear of the fire.
- 4.1.6 To refit the burner assembly, locate the burner unit and refit the 12 off screws. Refit the fuel-bed support and logs referring to section 3 for the correct log positions. Re-fit the glass panel.
- 4.2 Removing the gas control valve
- 4.2.1 Remove the burner assembly as detailed in section 4.1
- 4.2.2 Disconnect the inlet pipe, main burner to injector pipe and pilot pipe.
- 4.2.3 Remove the valve retaining screws and remove the valve. Re-assemble in reverse order and carry out a gas tightness test.

- 4.3 Removing the pilot assembly.
- 4.3.1 Prepare work area (lay down dust sheets etc.)
- 4.3.2 Remove the burner assembly as detailed in section 4.1
- 4.3.3 Loosen the pilot nut and remove the two screws retaining the pilot assembly. Disconnect the ignition lead. Dsconnect the thermocouple wires on the rear of the gas valve. Replace the pilot bracket gasket as necessary.
- 4.3.4 Re-assemble in reverse order with a replacement thermocouple and carry out a gas tightness test.

#### 4.4 PARTS SHORTLIST

Replacement of any other parts must be carried out by a competent person such as a GAS SAFE registered gas installer. The part numbers of the main replaceable parts are as follows, these are available from your local The Collection by Michael Miller stockist, whose details can be found on the BFM Europe website, in the "stockist" section.

B-168970
1184-1032524
CV-104608
B-1006577
B-1028876
B-1032040
B-1032043
B-1000661
B-120070
B-1028774
CV-107116
B-1028749
CV-104530

#### 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. GAS SAFE) 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.

No purpose made additional ventilation is normally required for this appliance when installed in G.B. When installed I.E. please consult document I.S. 813: 1996 Domestic Gas Installation which is issued by the National Standards Authority of Ireland. Any purpose made ventilation should be checked periodically to ensure that it is free from obstruction.

If the chimney or flue has been previously used by appliances burning fuels other than gas they must be swept prior to the installation of this fire.

If this appliance and surround is fitted directly on to a wall soft wall coverings such as wallpaper, blown vinyl etc. could be affected by the heat and hot 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 control panel of the fire and the appliance is manufactured by:-

BFM Europe Ltd. Trentham Lakes Stoke on Trent ST4 4TJ

#### 5.2 ABOUT YOUR NEW CELENA GAS FIRE

The Collection by Michael Miller "Celena MK2" log effect gas fires incorporate 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 appliance 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 engineer. 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 the correct number and type of logs must be used and only complete and genuine replacement 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.

<u>IMPORTANT</u>: DO NOT UNDER ANY CIRCUMSTANCES USE THIS FIRE IF THE GLASS PANEL IS BROKEN, CRACKED OR MISSING.

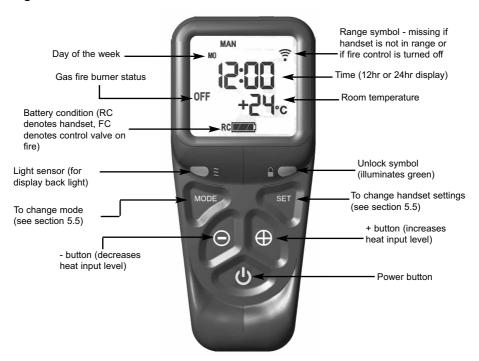
**IMPORTANT:** 

THIS APPLIANCE IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE, UNLESS THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY. CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE. AN5.3

#### OPERATING THE FIRE AND USER CONTROLS

5.3.1 Ensure valve power isolation switch is in the "on" position on the valve 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



## 5.3 OPERATING THE FIRE AND USER CONTROLS (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 disconnecting the battery pack from the valve, see section 2.2.1
- 5.3.7 In the event of loss of the remote handset, as a backup the fire can be turned off by pressing the on/off switch located below the grill at the base of the fire.
- 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 CHANGING THE BATTERIES

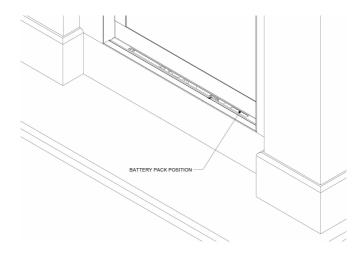
## 5.4.1 Changing the batteries in the handset

5.4.1.1 Remove and re-fit the new 2 off AA batteries by removing the cover on the back of the handset.

## 5.4.2 Changing the batteries in the fire

5.4.2.1 The battery pack is located as shown below in figure 5.

Fig. 5



5.4.2.2 Lift battery pack from its retaining bracket, remove rear cover (held in position by screw) and then fit 3 off AA batteries. Replace cover and then re-position battery pack within retaining bracket.

## 5.5 SETTING THE TIME, DATE & TEMPERATURE ON THE REMOTE HANDSET

5.5.1 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 6.

Fig. 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 and the screen displayed will be as shown overpage in figure 7.
- 5.5.3 The "H" symbol as indicated in figure 7 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 7 overpage displays the 24hr mode.

Fig. 7



- 5.5.4 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 8.
- 5.5.5 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

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

Fig. 8



- 5.5.7 As shown above in figure 8 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.
- 5.5.8 The handset will then display the temperature setting screen as shown overpage in figure 9, 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. 9



- 5.5.9 The control is now ready for use with the burner.
- 5.5.10 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.

#### 5.6 ADVANCED SETTINGS MENU OF THE REMOTE CONTROL

### 5.6.1 Snooze mode in manual operation

- 5.6.1.1 Snooze mode is a time period which can be set which will turn the fire automatically off after a certain time period has elapsed.
- 5.6.1.2 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.
- 5.6.1.3 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 below in figure 10.
- 5.6.1.4 Press and release the set button and this will put the control into the manual snooze mode.
- 5.6.1.5 The default time period in snooze mode is 1:00 hour.



- 5.6.1.6 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.
- 5.6.1.7 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 below in figure 11.

Fig. 11



- 5.6.1.8 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.
- 5.6.1.9 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.
- 5.6.1.10 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).

#### 5.6.2 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.

- 5.6.2.1 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.
- 5.6.2.2 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 12.

Fig. 12



5.6.2.3 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.

- 5.6.2.4 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.
- 5.6.2.5 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.

#### 5.7 CLEANING INSTRUCTIONS

Before attempting any cleaning operation ensure that the fire has been allowed to fully cool.

### 5.7.1 Cleaning the metal painted parts / optional trim

These metal painted parts should only be cleaned using a clean, damp cloth. Abrasive cleaners, chemical cleaning agents or any type of polish must never be used as damage to the finish may result.

#### 5.7.2 Cleaning the fuel-bed

We do not recommend cleaning of 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 on the number stated on the rear cover of this book. 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 fuelbed must be carefully re-assembled as stated in the following section.

## 5.7.3 Cleaning the glass panel

Before attempting any cleaning operation ensure that the fire has been allowed to fully cool. Black painted metal parts should be gently cleaned with a damp cloth.

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.

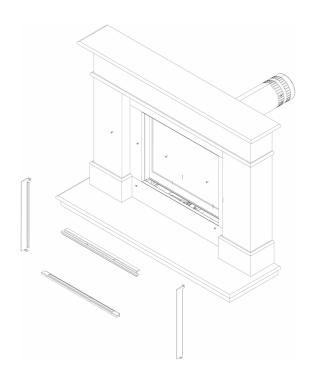
DO USE damp cloths.

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.

#### 5.8 REMOVAL OF THE GLASS ASSEMBLY

- 5.8.1 Lift the bottom trim clear of the firebox as shown below in figure 13.
- 5.8.2 Remove the L/H trim & R/H trim (held in place by 2 off M4 screws top and bottom) then remove the top trim (held in place by 2 off M4 screws).
- 5.8.3 The glass panel can now be lifted clear as shown below in figure 13.

Fig. 13



- 5.8.4 Store the glass assembly in a safe place.
- 5.8.5 Re-assemble in reverse order when re-fitting the glass assembly.

## 5.8.6 DO NOT OPERATE THE FIRE WITHOUT THE GLASS PANEL IN POSITION OR NOT CORRECTLY LOCATED.

#### 5.9 RE-LAYING THE FUEL-BED

5.9.1 Lay an even layer of vermiculite material across the burner tray as shown below in figure 14.

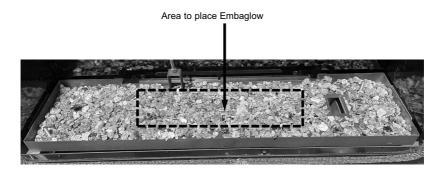
Fig. 14



5.9.2 If required fit the embaglow material over the flame ports. To do this seperate into short strands and place randomly over the centre flame porting area as indicated by the arrows below in figure 15.

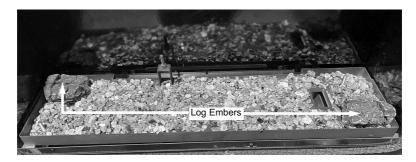
This material is only supplied to improve flame aesthetics and is optional to install.

Fig. 15



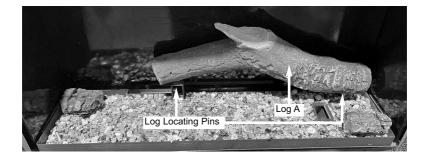
5.9.3 Place 2 off "log embers" in position at the left and right hand side of the fuel-bed tray as shown below in figure 16.

Fig. 16



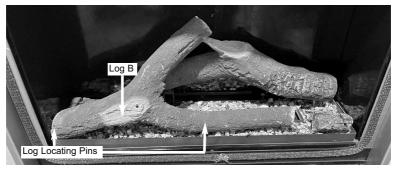
5.9.4 Place log "A" in position at the rear right hand side of the burner as shown below in figure 17, using the locating holes in the base of the log and the location pins at the right hand rear and left of centre as a guide for placement.

Fig. 17



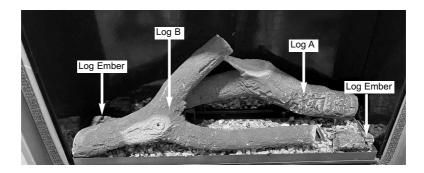
5.9.5 Place log "B" in position at the left hand side of the burner as shown below in figure 18, using the locating holes in the base of the log and the location pins at the front left hand side and left of centre as a guide for placement.

Fig. 18



5.9.6 As a final check ensure that the logs are layed correctly as shown below in figure 19.

Fig. 19



## 5.9.7 Re-fit the glass frame assembly in reverse order to that described in section 5.8

Warning: Use only the log fuel-bed supplied with the fire. When replacing the log fuel-bed remove the old log fuel-bed and discard it. Fit a complete log fuel-bed from the manufacturer, only use genuine replacements.

# THE FOLLOWING STATEMENT IS APPLICABLE TO ALL FUEL-BED COMPONENTS

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

#### 5.10 USER REPLACEABLE PARTS

The only user replaceable parts on this fire are the fuelbed components and logs which may be replaced as described in the above section. Replacement of any other parts must be carried out by a competent person such as a GAS SAFE registered gas installer. The part numbers of the user replaceable parts are as follows, these are available from BFM Europe Ltd. who may be contacted at the number on the rear cover of this book.

Glass panel	B-1006577
Complete log set	B-1028876
Log "A" only	B-1032040
Log "B" only	B-1032043
Log "Piece 1"	B-1000661
Emba-glow material	B-120070
Bag of black vermiculite	B-1028774
Bag of cream vermiculite	CV-107116

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

## Part No. B-1032073 Issue 2



BFM Europe Ltd. Trentham Lakes Stoke-on-Trent Staffordshire ST4 4TJ

www.bfm-europe.com

Spare Parts - www.bfm-partfinder.co.uk

Telephone - General Enquiries : (01782) 339000 Telephone - Service : (01782) 339008