



Diamond

DECORATIVE FUEL EFFECT GAS FIRE

User Instructions

Model No's FHWP**RN & FHWC**RN are for use on Natural Gas (G20) at a supply pressure of 20 mbar in G.B. / I.E.

NB: “**” refers to fascia variant

INSTALLATION INFORMATION

CONDITIONS OF INSTALLATION

It is the law that all gas appliances are installed in accordance with the rules in force only by a competent (e.g. CORGI Registered) Installer in G.B, and 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.

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 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 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 panel of the fire and the appliance is manufactured by:-

BFM Europe Ltd
Trentham Lakes
Stoke on Trent
ST4 4TJ

Please Note : The life span of the batteries in the burner unit is dependent upon use and therefore the battery life will vary accordingly. If the burner unit fails to operate, please check the 6 off AA batteries before calling the service centre for engineer assistance.

ABOUT YOUR NEW FLAVEL DIAMOND GAS FIRE

The Flavel Diamond pebble fuel-bed gas fire incorporates a unique and highly developed fuel bed which gives the realism of a loose pebble or coal layout combined with realistic flames and glow. The use of durable ceramic material in the construction of the fuel-bed components ensures long and trouble free operation.

When first using the new fire a slight smell may be noticed. This is due to starch used in the manufacture of the soft ceramic coals / pebbles, it is non-toxic and will soon disappear.

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 has a naked flame 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 should be fitted. (Fireguards for use with gas heating appliances).

It is important that this appliance is serviced at least once a year by a CORGI registered gas installer (in G.B.) and that during the service the fire is removed from the fire opening and the flue pipe visually checked for debris or blockages which must be removed. We recommend that during the annual service, replacement of the Oxypilot is carried out.

These are conditions of the manufacturers guarantee. After installation or during servicing a spillage test must always be carried out.

Rubbish of any type must NEVER be thrown onto the fuel-bed, this could affect safe operation and damage the fire.

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 coals / pebbles must be used and only complete and genuine replacement sets can be sourced from BFM Europe Ltd.

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.

SPILLAGE MONITORING SYSTEM

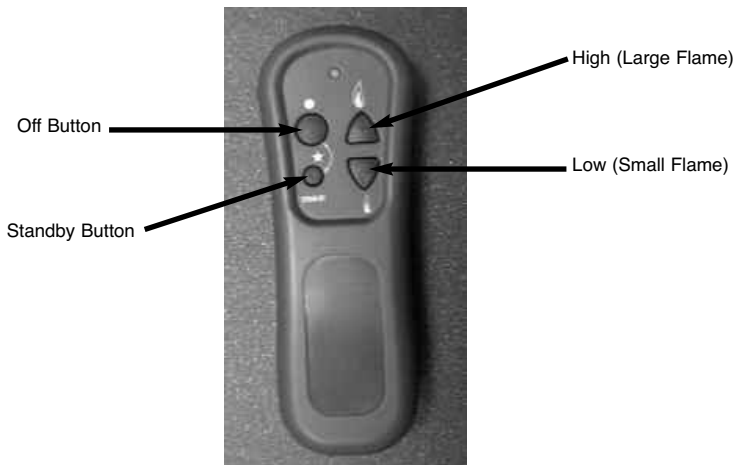
This appliance is fitted with a spillage monitoring system which shuts down the fire if the evacuation of combustion products from the fire is affected by a partially or fully blocked flue pipe. If this system operates the fire will go out. If this occurs, leave the fire for at least three minutes then follow the lighting procedure as described in the previous section. **In the event of repeated operation a CORGI registered gas installer must be called to investigate and rectify the cause.**

Note : Prior to replacing the oxypilot on this product due to suspected failure of the component, please remove all debris that has collected on the lint guard of the oxypilot itself.

OPERATING THE FIRE USING THE REMOTE CONTROL HANDSET

- a) The Remote control handset generates an infrared signal, which will be received by the sensor situated at the front right of your fire, behind the ashpan cover. This infrared signal requires direct line of sight from the handset to the sensor on the fire to ensure good operation.
- b) To light the appliance using the handset, point the handset at the fire and press the 2 left hand buttons together. The fire will emit a “beep” sound, the buttons can now be released. After a few seconds an audible clicking can be heard and then the fire will light the pilot and then light the main burner. The ignition cycle will take approximately 20 seconds.
- c) To reduce the level of heat input on the fire, point the handset at the fire and press the small flame button. (An audible beep will be heard)
- d) To increase the level of heat input on the fire, point the handset at the fire and press the large flame button. (An audible beep will be heard)
- e) To leave the fire in the standby mode (pilot only running) press the small round button on the handset. **The fire should not be left in the standby mode when unattended.**
- f) To switch the appliance off completely, press the large round button on the handset, the fire will then switch off. See fig. 1 below for image of handset.

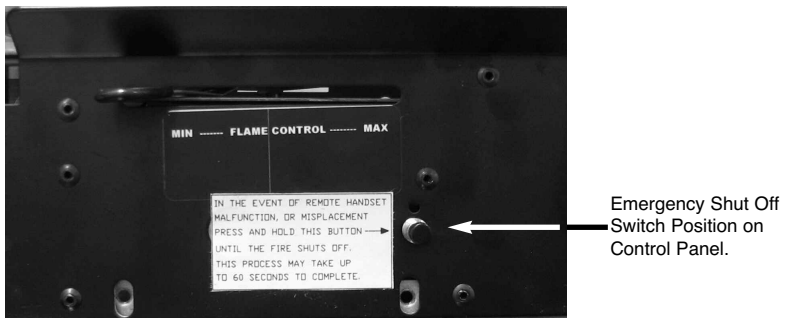
Fig. 1



TURNING THE PRODUCT OFF IN THE UNLIKELY EVENT OF A REMOTE HANDSET MALFUNCTION.

- a) In the unlikely event of the remote control handset malfunctioning (or if lost or broken) after the appliance has been turned on, the fire can be turned off via the emergency shut off switch on the control panel.
- b) To turn the product off, firstly remove the fascia from the fire by lifting clear, please take extreme care as it may be hot. Please Note - Care should be taken not to damage the infrared eye when removing the fascia.
- c) Press and hold the emergency shut off switch until the fire shuts down. The process may take up to sixty seconds to complete. (see Fig. 2 below).
- d) When the fire has shut down, release the emergency shut off switch.
- e) The appliance will now remain in the “off” position until activated by the remote handset.

Fig. 2



REPLACING THE BATTERIES (REMOTE CONTROL MODELS ONLY)

ENSURE THE FIRE IS COOL BEFORE REPLACING BATTERIES

Remove the ashpan cover. The battery pack is located on the right hand side side of the burner unit at the bottom. Carefully remove the pack and remove batteries. Replace in the reverse order using 6 off 1.5V AA Alkaline Battery. It is important that only an alkaline battery is used, otherwise premature battery failure and leakage may result.

CLEANING - WARNING

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

CLEANING THE PAINTED METAL PARTS

The Diamond 4 sided fascia that was supplied with this product must only be cleaned with a clean, damp cloth. Flavel do not recommend the removal of the Diamond fascia panel once installed. If removal is required for any reason, please consult your installer or other CORGI registered engineer.

Abrasive cleaners, chemical cleaning agents or any type of polish must never be used as damage to the finish may result.

CLEANING THE FUEL-BED

We do not recommend cleaning of the coals / pebbles 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 pebbles must only be replaced with a complete and genuine replacement set and the fire must never be run with the wrong number or damaged coals. The fuel-bed must be carefully re-assembled as stated in the following sections

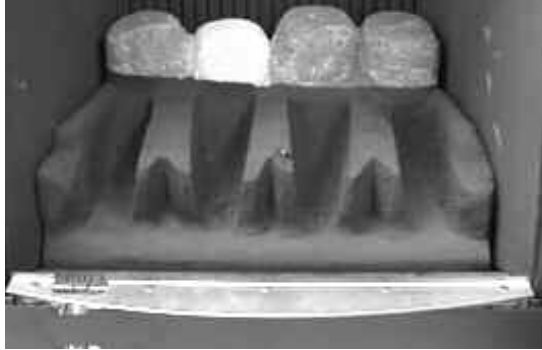
REMOVAL / RE-FITTING OF THE TRIM

The fascia is secured onto the firebox flange by the use of magnets and a mounting channel

ASSEMBLING THE CERAMICS AND FUEL BED (PEBBLE VARIANTS)

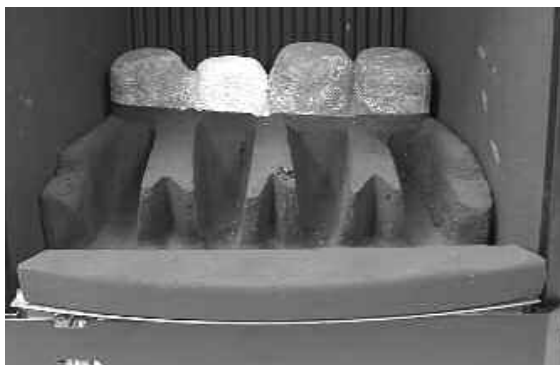
- a) Place the ribbed ceramic fuelbed base on top of the fuelbed support and pull fully forwards to the burner. **Make sure that the fuelbed base is located centrally in the fire box. Ensure that the fuelbed base fit fully down onto the fuel bed support and is not lodged on the burner. See fig. 3 below.**

Fig. 3



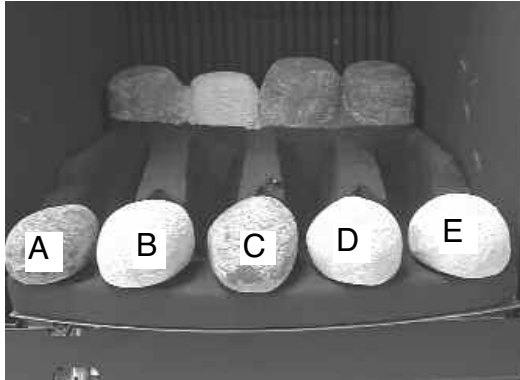
- b) Position front ceramic rail on burner front ceramic support and ensure that the locating channel in the front ceramic rail is correctly located onto the lip on the burner front ceramic support. (See fig. 4 below)

Fig. 4



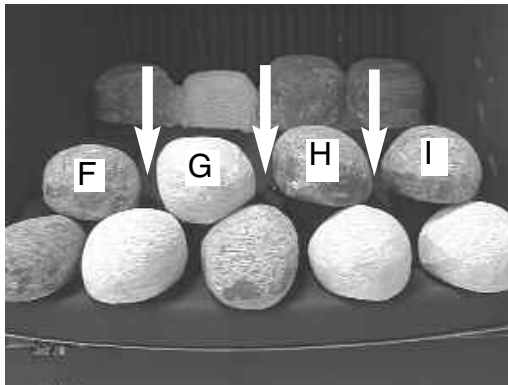
- c) Pick pebbles A to E and arrange along the the front rail, ensuring that they are evenly spaced. Use the recess's in the front ceramic rail as a guide for placement. (See fig. 5 below)

Fig. 5



- d) Select pebbles F to I and arrange behind the front row of pebbles, ensuring that flame paths as indicated below are not interrupted. (See fig. 6 below)

Fig. 6



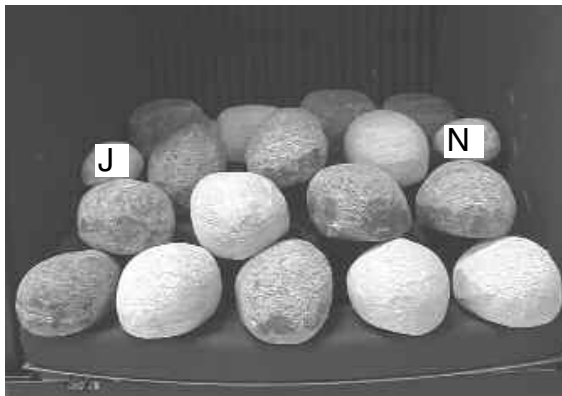
- e) Select pebbles K, L & M and arrange along the rear of the fuelbed, using the ribs in the rear of the fuelbed as a guide for placement. (See fig. 7 below)

Fig. 7



- f) Select the two small pebbles (J & N) and position to fill the gaps at each end of the third row of pebbles, as shown below in Fig. 8

Fig. 8



The exact position and fit of the pebbles may be finely adjusted to give the most pleasing and random appearance.

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

To ensure that the release of fibres from these R.C.F (Refractory Ceramic Fibre) articles is kept to a minimum, during installation and servicing we recommend that you use a HEPA filtered vacuum to remove any dust accumulated in and around the appliance before and after working on the appliance. When replacing these articles we recommend that the replaced items are not broken up, but are sealed within heavy duty polythene bags, clearly labelled as “RCF waste”. RCF waste is classed as a “stable”, non reactive hazardous waste and may be disposed of at a landfill licensed to accept such waste 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.

ASSEMBLING THE CERAMICS AND FUEL BED (COAL VARIANTS)

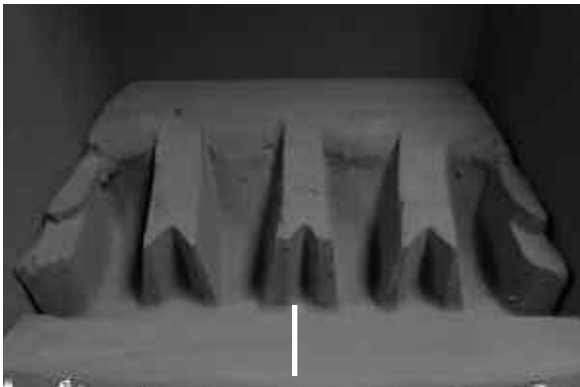
- a) Place the ribbed ceramic fuelbed base on top of the fuelbed support and pull fully forwards to the burner. **Make sure that the fuelbed base is located centrally in the fire box. Ensure that the fuelbed base fit fully down onto the fuel bed support and is not lodged on the burner. See fig. 9 below.**

Fig. 9



- b) Position the two halves of the front ceramic (L/H & R/H) on the locating channel in the front ceramic, ensuring it is located onto the lip on the burner front ceramic support. (See fig. 10 below)

Fig. 10



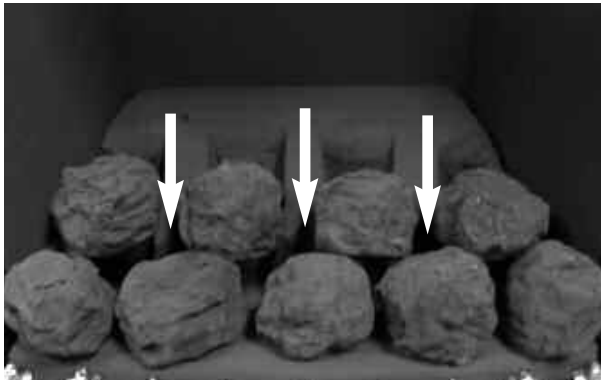
- c) Fit five of the large sized coals onto the front ceramic rail, ensuring that they are evenly spaced. Use the recess's in the front ceramic rail as a guide for placement. (See fig. 11 below)

Fig. 11



- d) Select four of the large coals and arrange behind the front row of coals, ensuring that flame paths as indicated below are not interrupted. (See fig. 12 below)

Fig. 12



- e) Select three of the large coals and arrange along the rear of the fuelbed, using the ribs in the rear of the fuelbed as a guide for placement. (See fig. 13 below)

Fig. 13



- f) Select the two small coals and position to fill the gaps at each end of the third row of coals, as shown. below in Fig. 14

Fig. 14



- g) Select the remaining four coals and position along the rear edge of the fuelbed (See fig. 15 below)

Fig. 15



The exact position and fit of the coals may be finely adjusted to give the most pleasing and random appearance.

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

To ensure that the release of fibres from these R.C.F (Refractory Ceramic Fibre) articles is kept to a minimum, during installation and servicing we recommend that you use a HEPA filtered vacuum to remove any dust accumulated in and around the appliance before and after working on the appliance. When replacing these articles we recommend that the replaced items are not broken up, but are sealed within heavy duty polythene bags, clearly labelled as “RCF waste”. RCF waste is classed as a “stable”, non reactive hazardous waste and may be disposed of at a landfill licensed to accept such waste 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.

USER REPLACEABLE PARTS

The only user replaceable parts on this fire are the fuelbed components and pebbles 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 CORGI registered gas installer. The part numbers of the user replaceable parts are as follows, these are available from BFM Europe Ltd. whose details may be found on the rear page.

Pebble fuelbed base	B-77260
Pebble fuelbed front rail	B-58140
Replacement pebble set	B-77250
Coal fuelbed base	B-56320
Replacement coal set	B-56960
Coal fuelbed ceramic rails (pair)	B-56330

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

**Part No. B-109800
Issue 2**



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