



K i n d e r

probably the best gas fires under the sun

Camber

DECORATIVE PEBBLE FUEL EFFECT GAS FIRE

User Instructions

These instructions should be read by the user before operating the appliance and retained for future reference

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

** denotes trim / fret variant

INSTALLATION INFORMATION

CONDITIONS OF INSTALLATION

It is the law that all gas appliances are installed only by a competent (e.g. CORGI 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.

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

BFM Europe Ltd
Trentham Lakes
Stoke on Trent
ST4 4TJ

ABOUT YOUR NEW CAMBER FIRE

The Kinder Camber range of pebble fuel-bed gas fires incorporates a unique and highly developed fuel bed which gives the realism of a loose pebble 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 pebbles, it is non-toxic and will soon disappear.

Discolouration to both the pebble fuelbed and fibreboards will occur when first lighting the appliance, this is normal and these components will return to their normal colour when the fire has fully warmed up.

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 (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 and that during the service the fire is removed from the fire opening and the chimney or flue visually checked for fallen debris or blockages which must be removed. The chimney should also be checked to ensure clearance of flue products. 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 pebbles must be used and only complete and genuine replacement sets must 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 pebble fuel-bed remains hot for a considerable period after use and sufficient time should be allowed for the fire to cool before cleaning etc. The fire must only be operated with the Camber trim supplied with the fire

OPERATING THE FIRE

The controls are located behind the ashpan cover below the Camber trim. The controls, comprise a control valve to adjust the gas flow and a push button piezo igniter. To light the fire proceed as follows:-

- 1) Depress the control knob and turn anti-clockwise to the position marked pilot. Hold in the control knob for a few seconds to allow the gas to reach the pilot.
- 2) Continue to hold-in the control knob and press the igniter button. If the pilot does not light, continue to press the igniter button until ignition occurs. The pilot flame's reflection can be seen by looking at the left hand side front of the stainless steel side trim. When the pilot has lit, continue to hold the control knob in for 5-10 seconds to allow the thermocouple to heat up, if the pilot goes out when the control knob is released, repeat the lighting sequence.

In the unlikely event of a failure of the igniter, the fire can be lit as follows :-

Depress the control knob and turn anti-clockwise to the position marked pilot. Hold in the control knob for a few seconds to allow the gas to reach the pilot. Insert the tip of a lit taper in behind the front ceramic pebble formation on the left hand side. This will light the pilot flame.

When the pilot has lit, continue to hold the control knob in for 5-10 seconds to allow the thermocouple to heat up, if the pilot goes out when the control knob is released, repeat the lighting sequence.

- 3) After lighting, turn the control knob in the anti-clockwise direction to the high position and the main burner will light. It is recommended that for most efficient performance the fire is allowed to warm up for a few minutes with the gas control on maximum.
- 4) The gas control can be turned clockwise from the maximum position to give the desired heat output.

WARNING

If the fire goes out for any reason or is turned off and it is necessary to relight the fire it is important to allow the fire to cool for 3 minutes before attempting to re-light it.

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.

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.**

CLEANING - WARNING

Before attempting any cleaning operation ensure that the fire has been allowed to fully cool. The Camber trim and ashpan cover that was supplied with this fire is manufactured from anodised aluminium, and is best cleaned using a clean, damp cloth regularly. The trim is best cleaned by removing it from the fire and placing it face up on a flat surface. The trim is easily replaced by re-positioning it on the fire and pushing it back onto the magnets. Black painted metal parts should be gently cleaned with a damp cloth.

CLEANING THE CAMBER TRIM

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

CLEANING THE FUEL-BED

We do not recommend cleaning of the pebbles or fuelbed components as these are fragile and damage may result. Any soot deposits can be removed by periodically operating the fire on maximum setting. This will burn off any accumulations of soot without damaging the pebbles or fuel-bed. **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 pebbles. The fuel-bed must be carefully re-assembled as stated in the following section.

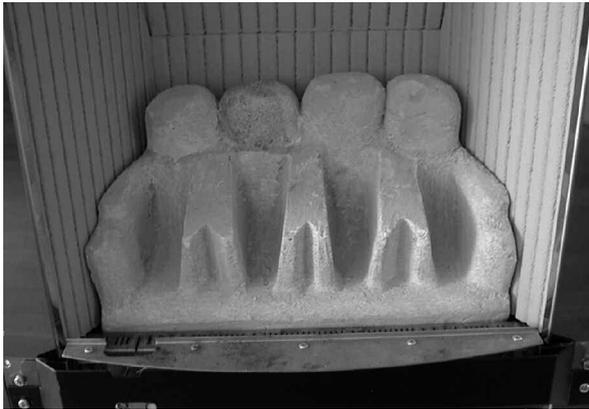
Note : Prior to replacing the oxypilot on this product due to suspected failure of the component, please remove all debris that has collected on the lint guard of the oxypilot itself.

RE-ASSEMBLING THE CERAMICS AND FUEL BED

NOTE : The position of the fuel-bed components are critical to the performance of the product. Therefore please ensure that the fuel-bed components are positioned as described in the following section prior to requesting a service call due to soot build up, poor flame pattern etc.

- 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. 1 below.**

Fig. 1



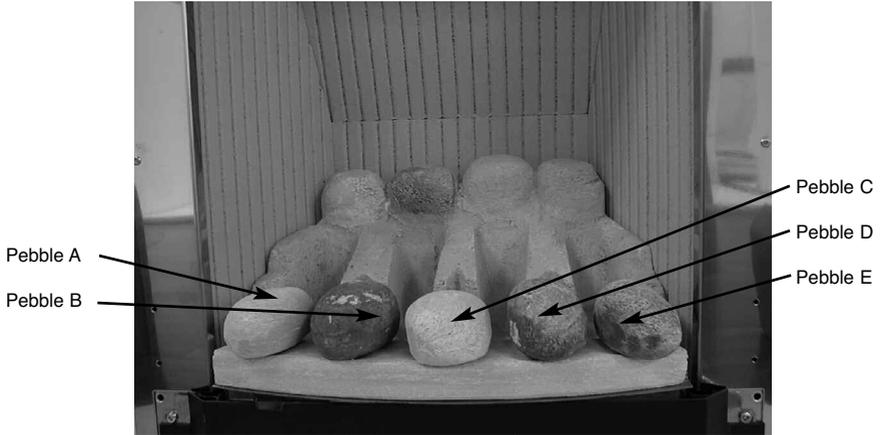
- b) Position front ceramic rail on burner front ceramic support and ensure that the locating channel in the front ceramic rail is correctly located onto the lip on the burner front ceramic support. (See fig. 2 below)

Fig. 2



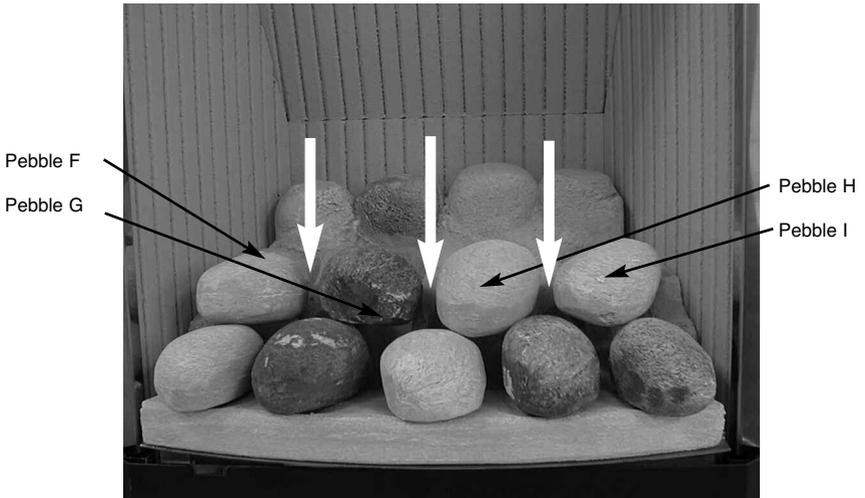
- c) Pick pebbles A to E and arrange along the front rail, ensuring that they are evenly spaced. Use the recess's in the front ceramic rail as a guide for placement. (See fig. 3 below)

Fig. 3



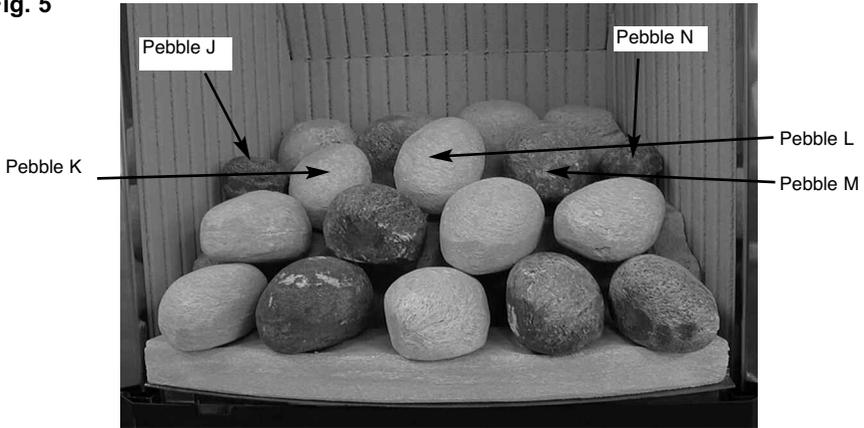
- d) Select pebbles F to I and arrange behind the front row of pebbles, ensuring that flame paths as indicated below are not interrupted. (See fig. 4 below)

Fig. 4



- 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. 5 below)

Fig. 5



- 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 in Fig. 5 above
- g) The exact position and fit of the pebbles may be finely adjusted to give the most pleasing and random appearance.

Discolouration to both the pebble fuelbed and fibreboards will occur when first lighting the appliance, this is normal and these components will return to their normal colour when the fire has fully warmed up.

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.

REMOVAL / RE-FITTING OF THE CAMBER TRIM

The trim is secured onto the firebox flange by the use of magnets.

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 from your local stockist, whose details may be found in the "stockist" section of the BFM Europe website, address as below.

Camber Cream Fuel-bed Complete Ceramic Set	B-106460
Camber Cream Fuel-bed Fuel-bed Matrix	B-106470
Camber Cream Fuel-bed Front Rail	B-106480
Camber Cream Fuel-bed Pebble Set	B-106490
Camber Black Fuel-bed Complete Ceramic Set	B-106420
Camber Black Fuel-bed Fuel-bed Matrix	B-106430
Camber Black Fuel-bed Front Rail	B-106440
Camber Black Fuel-bed Pebble Set	B-106450

This appliance must only be used with the camber trim and ashpan cover supplied

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

Part no. B-103600
Issue 3



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