



K i n d e r

probably the best gas fires under the sun

Kalahari RC & Camber RC

DECORATIVE 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 KRDCRN & KRDP**RN 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 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 firebox 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. See page 15 for advice on how to replace the AA batteries.

ABOUT YOUR NEW CAMBER GAS 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.

ABOUT YOUR NEW KALAHARI GAS FIRE

The Kinder Kalahari coal effect gas fire incorporates a unique and highly developed fuel bed which gives the realism of a loose coal 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.

The fire incorporates a flame control (only fitted to Kalahari models) which allows you to adjust the flame appearance to give the desired combination of flames and glow. The left hand position gives maximum radiant heat and output whereas the right hand position gives more flame but slightly less glow

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, 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 pebbles or coals 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

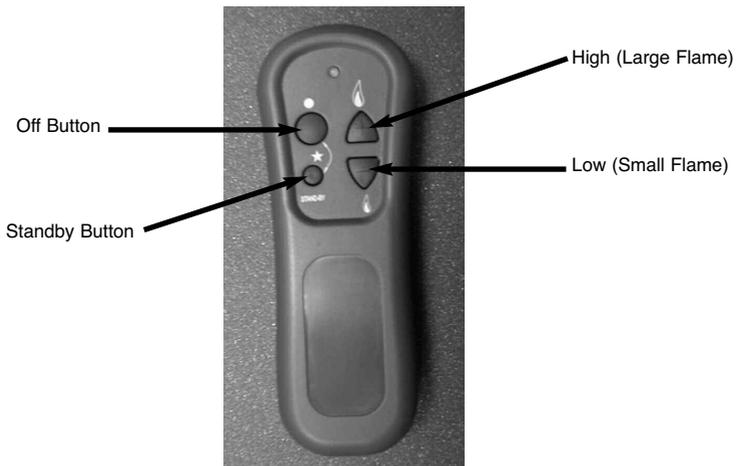
This appliance is fitted with a spillage monitoring system which shuts down the fire if the evacuation of combustion products from the fire is affected by a partially or fully blocked flue pipe. If this system operates the fire will go out. If this occurs, leave the fire for at least three minutes then 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, ensure the switch on the control panel is set to automatic. 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.
- d) To increase the level of heat input on the fire, point the handset at the fire and press the large flame button.
- 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 ashpan from the fire.
- 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. The trims are easily replaced by re-positioning them 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 BRASS AND PAINTED METAL PARTS - KALAHARI

Dependent upon the trim option chosen for use with this fire, there is a variety of methods that can be chosen to clean the trim. If a Brass trim was supplied with this fire this is plated brass and this trim must only be cleaned using a clean damp cloth. Metal polishes must not be used on these trims. If a stainless steel or black trim were chosen, then these should only be cleaned using a clean, damp cloth also. 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 repositioning it on the fire and pushing it back onto the magnets.

If a Kinder fender was supplied with the fire, it is laquered to protect the finish and therefore must 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.**

CLEANING THE FUEL-BED

We do not recommend cleaning of the pebbles / coals 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 with the flame control set to minimum (Kalahari model only). This will burn off any accumulations of soot without damaging the coals / pebbles or fuel-bed. On models without an aeration control, soot deposits should only be removed during the annual service. **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 CFM Europe on the number stated on the rear cover of this book. The pebbles or coals (dependent upon model chosen) 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 or coals. The fuel-bed must be carefully re-assembled as stated in the following sections

RE-ASSEMBLING THE CERAMICS AND FUEL BED KINDER CAMBER (PEBBLE FUELBED MODELS)

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. 3 below.**

Fig. 3



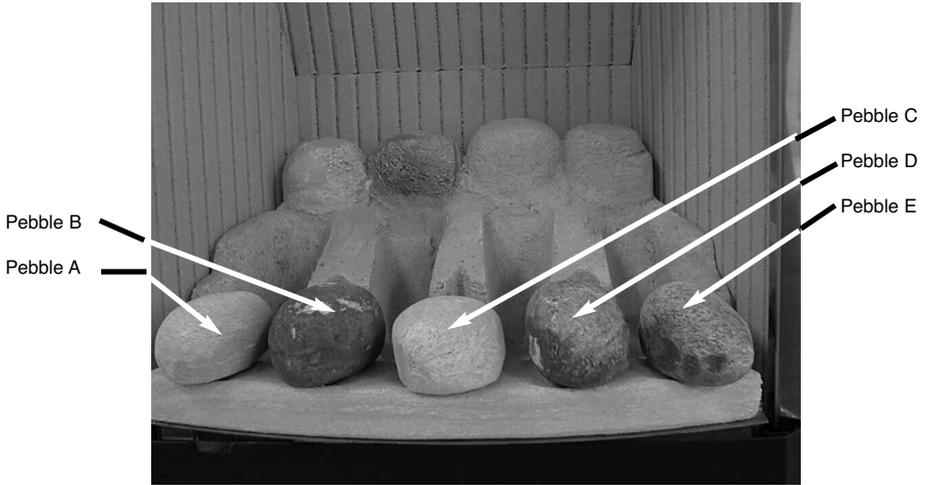
- b) Position front ceramic rail on burner front ceramic support and ensure that the locating channel in the front ceramic rail is correctly located onto the lip on the burner front ceramic support. (See fig. 4 below)

Fig. 4



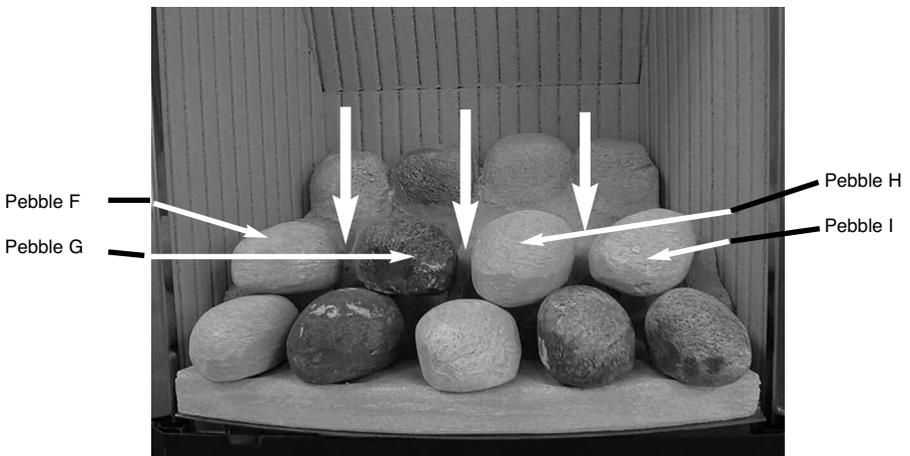
- c) Pick pebbles A to E and arrange along the front rail, ensuring that they are evenly spaced. Use the recess's in the front ceramic rail as a guide for placement. (See fig. 5 below)

Fig. 5



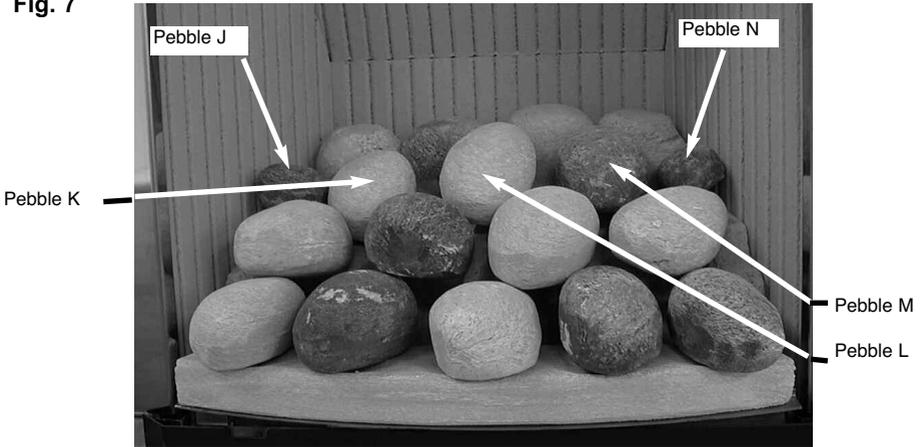
- d) Select pebbles F to I and arrange behind the front row of pebbles, ensuring that flame paths as indicated below are not interrupted. (See fig. 6 below)

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 above in Fig. 7

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.

RE-ASSEMBLING THE FUEL BED KINDER KALAHARI (COAL FUELBED MODELS)

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.

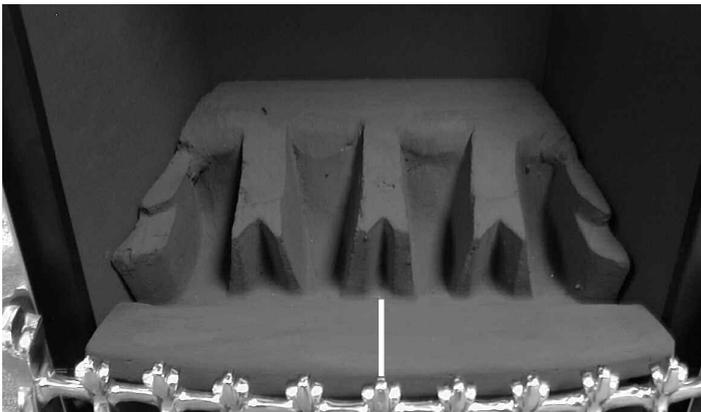
- a) Place the ribbed ceramic fuelbed base on top of the fuelbed support and pull fully forwards to the burner. **Make sure that the fuelbed base is located centrally in the fire box. Ensure that the fuelbed base fits fully down onto the fuel bed support and is not lodged on the burner. See fig. 10 below.**

Fig. 10



- 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. 11 below)

Fig. 11



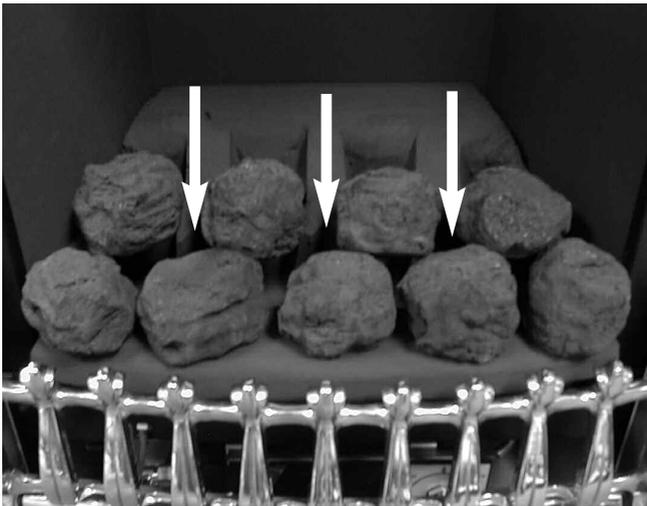
- c) Fit five of the large sized coals onto the front ceramic rail, ensuring that they are evenly spaced. Use the recess's in the front ceramic rail as a guide for placement. (See fig. 12 below)

Fig. 12



- 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. 13 below)

Fig. 13



- 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. 14 below)

Fig. 14



- 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. 15

Fig. 15



- g) Select the remaining four coals and position along the rear edge of the fuelbed (see fig. 16 below)

Fig. 16



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.

REMOVAL / RE-FITTING OF THE 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 GAS SAFE registered gas installer. The part numbers of the user 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 overpage.

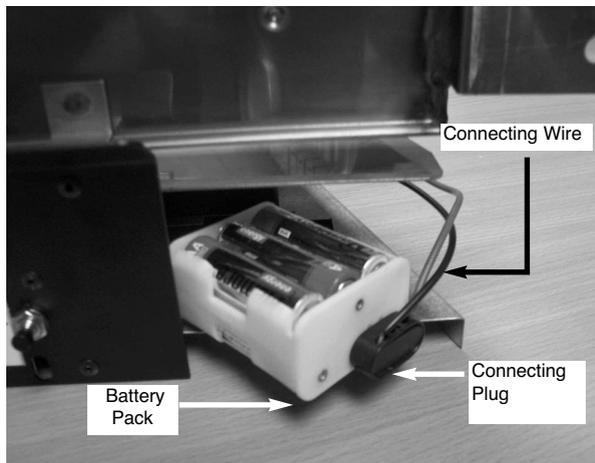
Camber Cream Fuel-bed Complete Ceramic Set	B-106460
Camber Cream Fuel-bed Fuel-bed Matrix	B-106470
Camber Cream Fuel-bed Front Rail	B-106480
Camber Cream Fuel-bed Pebble Set	B-106490
Camber Black Fuel-bed Complete Ceramic Set	B-106420
Camber Black Fuel-bed Fuel-bed Matrix	B-106430
Camber Black Fuel-bed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

The trims on these products are fitted with the magnets as supplied. To remove simply lift away from the product, to replace position against the firebox and locate onto the magnets.

REPLACING THE BATTERIES IN THE BURNER UNIT

Ensure the fire is cool before attempting to replace the batteries. The battery pack is located at the bottom right hand side of the unit. Remove the fret / fascia and then disconnect the battery connecting plug. Replace the batteries and then re-assemble in reverse order. See Fig. 17 below.

Fig. 17



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

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Issue 3



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

www.bfm-europe.com

Telephone - General Enquiries :
Telephone - Service :

(01782) 339000
(0844) 7700169