

# K i n d e r

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FIRES FOR LIFE

# Dakota

**COAL EFFECT BALANCED FLUE GAS FIRE**

## **User Instructions**

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

**Model No. KF70 is only for use on Natural Gas (G20) at a supply pressure of 20 mbar in G.B. / I.E.**

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

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

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

The Model number of this appliance is KF 70 (Natural Gas) or KF72 (LPG), and it is manufactured by:-

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

## ABOUT YOUR NEW DAKOTA FIRE

The Kinder Dakota decorative fuel effect balanced flue gas fire incorporates a unique and highly developed fuel bed which gives the realism of a loose coal lay-out combined with realistic flames and glow. The use of durable hard ceramic material in the construction of the fuelbed components ensures long and trouble free operation.

When first using the new fire a slight smell may be noticed. This is due to small deposits of oil on the firebox, but 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.

**DO NOT UNDER ANY CIRCUMSTANCES ATTEMPT TO USE THIS APPLIANCE IF THE GLASS PANEL IS BROKEN OR HAS BEEN REMOVED.**

## 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).**

**Servicing should be carried out annually by a competent person such as a GAS SAFE registered engineer. It is a condition of Kinder Fires three-year and lifetime guarantees that this is carried out by a competent person i.e a GAS SAFE registered Engineer in accordance with these servicing notes**

The service should include visually checking the appliance, flue terminal and fire-place for accumulation of debris around the firebox.

The condition of the one piece fuelbed should be checked and **if necessary the whole unit should be replaced with a genuine replacement set. After any servicing work a gas soundness check and spillage test must always be carried out.**

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 fuelbed as supplied must be used and complete and genuine replacements 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 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 fender and ash pan cover or cast iron front in position.

## **OPERATING THE FIRE**

The controls are located behind the brass cover below the fender. 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 can be seen by looking across the front line of the burner. 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.  
After lighting, turn the control knob in the anti-clockwise direction to the high position and the main burner will light. To gain the most efficient performance, it is recommended that the control is left in the high position for 5 to 10 minutes
- 3) The gas control can be turned clockwise from the maximum position to give the desired heat output.
- 4) To turn the fire off push in and turn the control valve fully clockwise in to the off position, the burner and pilot will go out.

**WARNING : If the fire goes out for any reason or is turned off and it is necessary to re-light the fire it is important to allow the fire to cool for a full 5 minutes before attempting to re-light it.**

**WHEN TURNING THE FIRE “OFF” PLEASE ENSURE THAT THE CONTROL VALVE IS TURNED TO THE “OFF” POSITION AND THE PILOT FLAME IS EXTINGUISHED. DO NOT LEAVE THE PILOT FLAME ONLY LIT.**

**NOTE : THIS APPLIANCE IS DESIGNED TO WORK SAFELY AND EFFECTIVELY DURING ADVERSE WEATHER CONDITIONS. HOWEVER, DURING SUCH TIMES FLAME DISTURBANCE MAY BE NOTICED. THIS IS NORMAL AND DOES NOT EFFECT OR IMPAIR THE SAFETY OF THE APPLIANCE.**

## CLEANING

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

### CLEANING THE TRIM AND PAINTED METAL PARTS

The optional brass trim fitted to this fire is real brass and will therefore discolour with use. However, the use of real brass means that this part may be regularly cleaned using a suitable proprietary metal polish and will then retain its looks for the life of the fire. The ashpan and fret (if supplied with the fire) are also solid brass and may be cleaned in the same way. If you purchased an alternative ashpan and fret from your supplier it is important to find out whether it is lacquered before cleaning it. In this case, your supplier will be able to advise you on the best cleaning method. The optional brass 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. After using any metal polish or cleaners the fire should not be used for 15 minutes or so to allow any cleaning solvents to evaporate.

Black, Stainless steel or Black painted metal parts should be gently cleaned with a damp cloth. **Abrasive cleaners, chemical cleaning agents or any type of polish must never be used as damage to the paint may result.**

### CLEANING THE FUEL BED

We do not recommend cleaning the fuelbed other than at annual service intervals. If carbon or soot accumulates on the one piece fuelbed, this should be removed by carefully brushing the fuelbed using a soft brush. For instructions on how to remove the glass panel please see page 7. **The one piece fuelbed is made from a form of refractory ceramic fibre and should be handled carefully to avoid generating dust, as this may be harmful if inhaled. As with some fibrous materials, handling fibrous materials without gloves could cause skin irritation.**

**The fuelbed should never be washed or exposed to any cleaning agents or water.**

Any damaged parts must be replaced by contacting your dealer, whose details may be found on the BFM Europe website, address on the rear page. The fuelbed must only be replaced with a genuine replacement and the fire must never be run with a different fuelbed fitted.

The fuelbed must be carefully reassembled as stated in the following section.

## CLEANING THE GLASS PANEL

To clean the glass panel, first ensure that the fire is cool, **please note that the glass panel will remain hot for a considerable period when the fire has been switched off.**

To remove the glass panel, follow the instructions over page for removal and re-fitting.

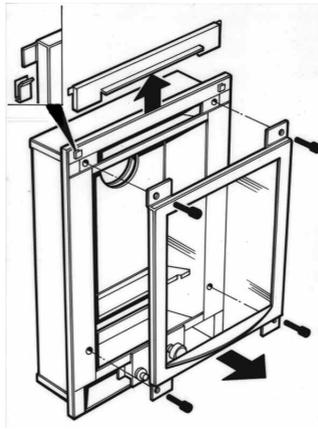
To glass panel should be cleaned gently with a soft damp cloth and glass cleaner.

**DO NOT UNDER ANY CIRCUMSTANCES ATTEMPT TO CLEAN THE GLASS PANEL WHEN THE APPLIANCE IS RUNNING.**

FOLLOWING CLEANING OF THE GLASS PANEL, ALWAYS ENSURE THAT THE ALLEN KEY IS REMOVED FROM THE ALLEN BOLTS AND REPLACED INTO ITS LOCATION AT THE BOTTOM LEFT HAND SIDE OF THE FIREBOX.

## REMOVING & REFITTING OF THE GLASS FRAME.

Fig. 1



- a) Remove the trim, ashpan cover and fret from the firebox.
- b) Remove the pilot heat shield, which is held in place at each end by 1 screw.
- c) Remove the top infill panel by sliding it upwards out of the clips. (See Fig. 1)

- d) Obtain the allen key which is located at the bottom left hand side of the firebox.
- e) Loosen each allen bolt a small amount at a time to prevent damage to the glass panel. (See Fig. 1) When all the allen bolts have been removed, lift away the glass frame and clean as per the instructions on page 6.
- f) Refit the glass panel to the firebox, again tightening each bolt a small amount at a time to prevent stressing the glass panel. Fully tighten all the bolts to ensure good compression on the glass panel seal.
- g) Refit the trim, ashpan & fret to the firebox.

**FOLLOWING USE OF THE ALLEN KEY, ALWAYS REMOVE IT FROM THE FIRE AND REPLACE IT INTO ITS LOCATION IN THE CLIP AT THE BOTTOM LEFT HAND SIDE OF THE FIREBOX.**

## **REMOVAL / RE-FITTING OF THE FUELBED**

### **FITTING THE FUELBED**

Place the fuelbed centrally onto the fuelbed support. Ensure that the fuelbed is located centrally into the firebox, and that the front outside face of the left and right-hand fuelbed legs are touching the stainless steel fibre support trims. See fig. 2 below

**Fig. 2**



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.

Refit the glass frame as detailed in section on page 6, then light the appliance as detailed on page 4.

## **USER REPLACEABLE PARTS**

The only user replaceable parts on this fire are the fuelbed / coal form, 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 specialist spares stockists whose details can be found on our web site, [www.bfm-europe.com](http://www.bfm-europe.com), in the ‘stockist’ section.

Fuelbed 70-47800

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

**Part No. B-1004436**  
**Issue 1**

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