

OWNER GUIDE

Model 741FS Heat Engine

(GC No. 32-032-56)

INSET LIVE FUEL EFFECT GAS FIRE
INCORPORATING THE **FireSlide** CONTROL



**THIS APPLIANCE IS FOR USE WITH NATURAL GAS (G20).
WHEN CONVERTED USING CONVERSION KIT NO. 0595211 THIS APPLIANCE
IS FOR USE WITH PROPANE GAS (G31).
THIS APPLIANCE IS SUITABLE ONLY FOR INSTALLATION IN THE UNITED
KINGDOM (GB) AND THE REPUBLIC OF IRELAND (IE).**

We trust that this guide gives sufficient details to enable your appliance to be operated and maintained satisfactorily. However, if further information is required **please telephone 01302 349 231.**

This guide is intended to help you care for your gas fire. Please read thoroughly before using and keep for future reference.

This guide to be left with the owner

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Safety First.

This gas fire is CE Approved and designed to meet the appropriate British Standards and Safety Marks.



Quality and Excellence.

This fire has been manufactured to the highest standards of quality and excellence and was manufactured under a BS EN ISO 9001 quality system accepted by the British Standards Institute.



The Highest Standards

The manufacturer is a member of the Society of British Gas Industries which works to ensure high standards of safety, quality and performance.



Careful Installation

The manufacturer is a CORGI registered company. This gas fire must be installed by a competent CORGI Registered Installer in accordance with our Installer Guide and should not be fitted directly on to a carpet.

Baxi Fires Division, Erdington, Birmingham B24 9QP

Because our policy is one of constant development and improvement, details may vary slightly from those given in this publication

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This gas fire is designed to meet the most stringent quality, performance and safety requirements to provide you with many years' trouble-free service.

This guide aims to improve your understanding and appreciation of your gas fire by providing simple and informative instructions to ensure that you benefit from the excellent performance and features it has to offer.

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SAFETY

IF YOU SMELL GAS

DON'T SMOKE

EXTINGUISH ALL NAKED FLAMES

DON'T TURN ELECTRICAL SWITCHES ON OR OFF

TURN OFF THE GAS SUPPLY AT THE METER

OPEN DOORS AND WINDOWS TO GET RID OF THE GAS

IMMEDIATELY CALL THE GAS EMERGENCY SERVICE - SEE YOUR LOCAL TELEPHONE DIRECTORY

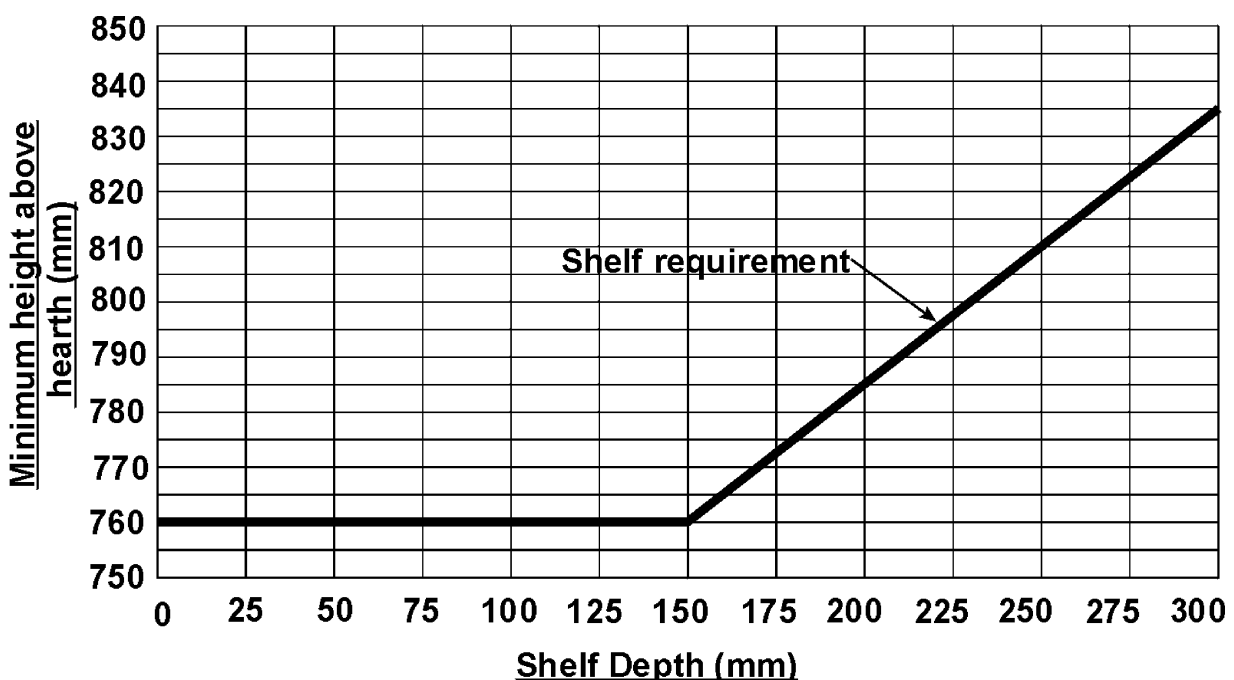
Do have the fire installed by a competent person. In the United Kingdom, installation must be in accordance with the latest edition of the Gas Safety (installation & use) Regulations. In the Republic of Ireland, installation must be in accordance with all national and local regulations in force.

Do have the chimney swept prior to installation if it was previously used for solid fuel.

Do have the fire installed in accordance with the installer guide.

Do provide a minimum clearance as shown in graph 1 above the hearth to any shelf made of wood or other combustible material.

- *For a shelf up to 150mm deep: Minimum height = 760mm.*
- *For a shelf deeper than 150mm: 760mm + 12.5mm for every 25mm depth over 150mm (See Graph 1).*



Graph 1. Combustible shelf clearances.

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Please bear this in mind if you are making any alterations to the room.

Do provide a suitable guard that complies with BS 8423 for the protection of young children, the elderly and the infirm. Such a guard is also recommended for the protection of pet animals. (Although this fire conforms to all the applicable standards, it is a heating appliance and certain parts of its surface will become hot).

Do wait three minutes before attempting to relight if the fire is switched off or the flames are extinguished for any reason. (Your fire is fitted with a safety device that will automatically shut off the gas supply to the fire if, for any reason, the flames go out).

Do get advice about the suitability of any wall covering near your fire. Soft wall coverings (e.g. embossed vinyl, etc.) which have a raised pattern are easily affected by heat. They may, therefore, scorch or become discoloured when close to a heating appliance. Please bear this in mind whenever you are considering redecorating.

Do provide a minimum side clearance as detailed in figure 1. Please bear this in mind if ever you are considering altering the room.

Don't hang clothing, towels or any other fabrics over the fire.

Don't add any extra fuel effect pieces above the number stated in the installer and owner guide supplied with the ceramic fuel effect. The installer may have attached it to this guide or placed it inside. Adding extra fuel effect pieces could cause a safety hazard and consequent health hazards.

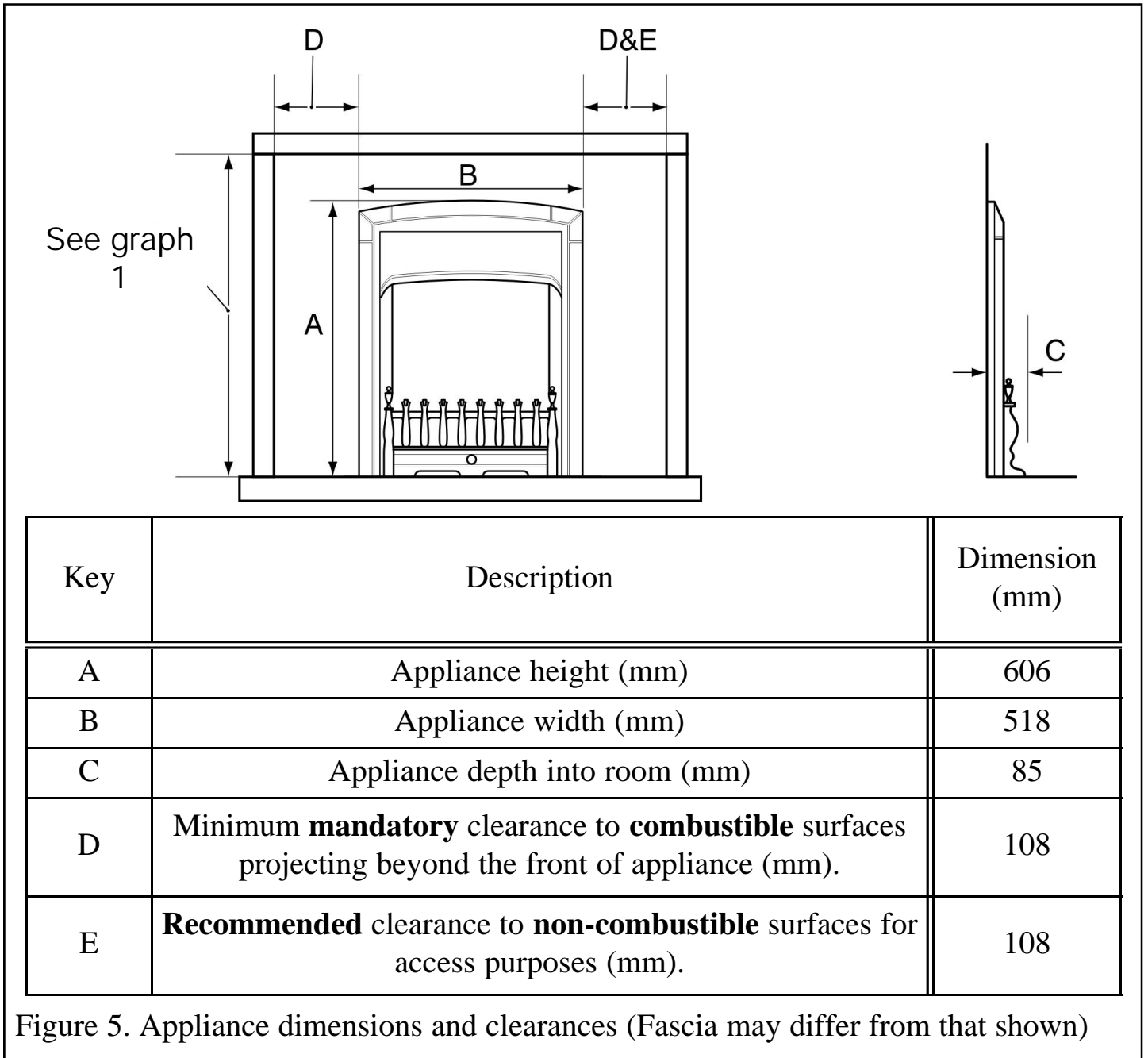
Don't put paper or any other material on the fire.

Don't place any combustible material (rugs, carpet, plastic tiles, etc.) on the hearth.

Don't attempt to clean or service the fire until it has been switched off and allowed to cool completely.

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APPLIANCE DIMENSIONS



GAS CONSUMPTION

Model 741

Has a maximum natural gas input of 6.85kW (Gross)

Has a maximum natural gas output of 3.4kW

Has a minimum natural gas input of 2.7kW (Gross)

Has a minimum natural gas output of 1.06kW

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Model 741 when converted using kit number 0595211

Has a maximum propane gas input of 6.7kW (Gross)

Has a maximum propane gas output of 3.71kW

Has a minimum propane gas input of 4.3kW (Gross)

Has a minimum propane gas output of 2.23kW

OPERATING YOUR FIRE

PLEASE NOTE

When operating your fire for the first time, some vapours may be given off which may cause a slight odour and could possibly set off any smoke alarms in the immediate vicinity. These vapours are quite normal with new appliances. They are totally harmless and will disappear after a few hours use.

The Oxysafe flame sensing & flue blockage safety system.

For your safety, this appliance is fitted with a flue blockage safety device which will shut down the appliance in the event of abnormal flue conditions. ***This device is NOT a substitute for an independently mounted Carbon Monoxide detector.***

The device will also automatically shut off the gas supply to the fire if the pilot flame goes out due to lack of oxygen or for any other reason.


If this device starts to repeatedly shut off the gas, get expert advice.

This device incorporates a probe which senses that the heat from the pilot flame is correct. If this probe is cool, the device will prevent any gas flow unless the control knob is held in at the ignition position.

If, for any reason, the flames go out when the fire is hot or if the fire is turned off when hot, always ***wait at least three minutes before attempting to relight.***

To light the fire.

The slide control is shown in figure 2.

1. Slide the control button to the bottom (ignition) position marked . In this position, the electronic ignition system should cause a series of sparks that should light the pilot. Within four seconds of the pilot igniting, the main burner should light at its minimum setting.

If no sparks are produced to light the pilot, the battery may need replacing. Details of battery replacement are given further on in this manual.

Until you can obtain a replacement battery the fire can be lit with a taper as described later in the instructions.

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2. Keep the button at the ignition position for a further ten seconds. This will prevent the flame-sensing device from shutting off the gas while its probe warms up as explained above.

3. If low heat is required, release the button. The button will automatically spring up to the low heat position shown in figure 2 (See note i below).

4. For a higher heat level slide the button upwards. The burner flames and heat output will gradually increase until the button reaches the high heat position shown in figure 2. When the button reaches the high heat position you will feel a check to its movement. **Do not slide the button above the high heat position unless you want to turn the fire off** (See note i below).

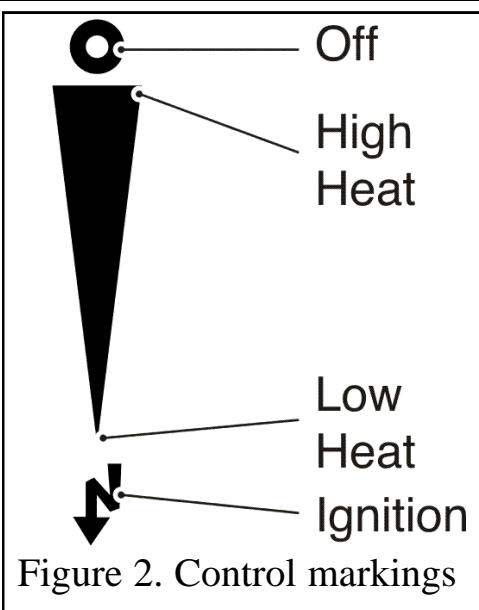


Figure 2. Control markings

- Note i) If the flames go out while setting the control, repeat the full lighting procedure. If the flames repeatedly go out have the fire serviced.
- ii) Please note. When first turned on the flames will appear predominantly blue. The fuel effect pieces will take time to warm up. Although some glow will be seen after approximately ten minutes, the full visual effect will only be apparent after a somewhat longer time.
- iii) The appliance will operate to its maximum potential if the flue is primed during the first 20 – 30 minutes of operation. To do this, simply slide the control button to its highest setting. This will also burn off any carbon deposits that may have formed during previous operations.
- iv) If operating the appliance for long periods it is beneficial occasionally to change the settings. This will also help to remove any carbon deposits that may form during operation.

To turn the fire off.

Slide the button up past the high heat position to the “O” position.

Both the main burner and the pilot should go out. While cooling, the ceramic fuel effect pieces may make some crackling noises. This is quite normal.

Lighting with a taper.

See figure 3.

In the unlikely event of failure of the ignition spark, the pilot can be lit by a taper or long spill. Insert the taper or spill between the second and third left hand ceramic fuel effect pieces on the first row. Operate the

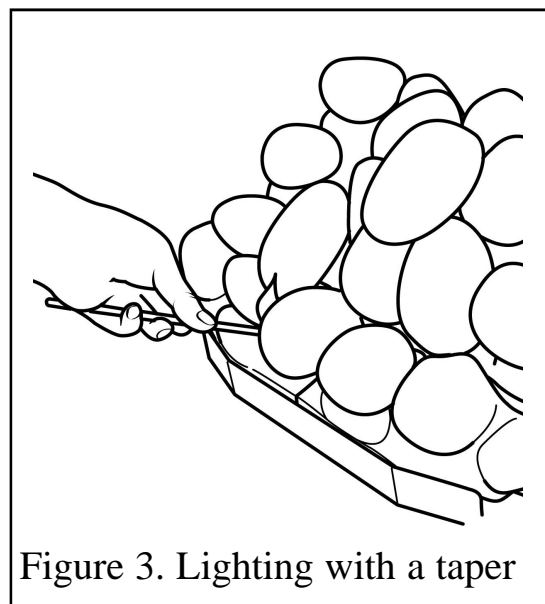


Figure 3. Lighting with a taper

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slide control as described above.

CLEANING YOUR FIRE

To maintain the high performance and quality finish of your fire please follow these guidelines:

Before attempting to clean the fire, please remember to turn off the fire and wait for the appliance to cool. The fire will retain heat for some time before cleaning can begin. If any pieces of debris are found in the firebox, have the chimney inspected before further use.

Metal parts.

- Clean the metal parts with a slightly damp cloth and then dry.
- Do not use abrasive cleaners as these will scratch the fire surface.

Ceramic fuel effect pieces and burner compartment walls.

This product uses fuel effect pieces and burner compartment walls containing Refractory Ceramic Fibres (RCF), which are man-made vitreous silicate fibres. Excessive exposure to this material may cause irritation to eyes, skin and respiratory tract. Consequently, it is important to take care when handling these articles to ensure that the release of dust is kept to a minimum.

- Light coatings of soot will usually be burnt off during the normal operation of the fire. Should any soot accumulation become excessive, the fuel effect pieces and walls should be removed from the fire for cleaning.
- Cleaning should be carried out in a well ventilated area or in the open air by gently brushing with the pieces held away from your face so that you avoid inhaling the dust.
- We do not recommend the use of a normal domestic vacuum cleaner which may blow dust back into the air.
- We suggest that you remove the ceramic fuel effect pieces in the reverse order to that shown in the installer and owner guide supplied with the ceramic fuel effect.

Burner.

Remove any deposits of soot or other foreign matter from the surface of the burner with a dry soft brush. Be careful not to brush any particles into the open slots. Remove any particles from the slots with a vacuum cleaner fitted with a soft brush attachment. **Do not poke wire, etc. into the slots in the burner.**

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CERAMIC FUEL BED REFITTING

The installer and owner guide for the ceramic fuel effect is separate from this guide. The installer may have attached it to this guide or placed it inside. It is important that the installer and owner guide for the ceramic fuel effect is followed correctly. If replacing the ceramic fuel effect, where a new guide is supplied, follow the installer and owner guide supplied with the replacement fuel effect.

Keep the replacement installer and owner guide with this owner guide for future reference.

MAINTENANCE

Battery replacement.

This appliance requires one 9V PP3 Ever Ready Silver Seal (or equivalent) battery. To replace the battery remove the bottom front cover casting.

Fit the new battery firmly to the connections on the ignition block (See figure 4).

Regular maintenance.

In order to achieve and maintain high levels of personal safety and performance efficiency, it is essential that the opening at the back of the fire and the flue are kept clear of any form of obstruction. It is possible that deposits of mortar or soot could fall and accumulate causing the flue to be blocked or restricted and so preventing proper clearance of dangerous exhaust fumes.

In the United Kingdom it is the law that a landlord must have any gas appliance, flue and pipework which is situated in a tenant's premises checked for safety at least every twelve months by a competent person (In the U.K, a CORGI registered installer).

We recommend that all gas appliances and their flues, wherever situated, are checked annually.

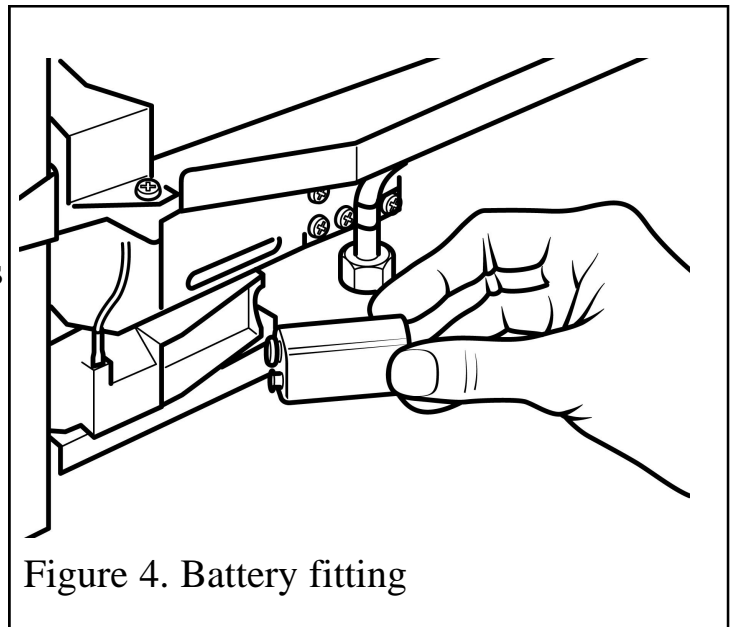


Figure 4. Battery fitting

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Servicing.

IMPORTANT

To help us quickly help you, please try to have the following information available before you contact us:

Type of fire.

Model/Name.

Serial Number.

You will also be asked for the fault, problem or request plus your Post Code.

- If you wish to replace any of the ceramic fuel effect pieces, spare parts are available nationwide via the '**interpart** stockist network'. For your local stockist consult Yellow pages under Central Heating.
- **When fitting replacement parts it is important that only approved parts are used for maximum safety.**