

Wonderfire

O W N E R ' S G U I D E

for

MODEL BR419

(G.C. 32-032-08)

Inset Live Fuel Effect

Gas Fire

with

MONACO

Fireslide

or

LINCOLN

Fireslide

Front

This guide is intended to help you care for your Wonderfire gas fire.
It gives sufficient details to enable your gas fire to be operated and maintained
Please read carefully before using your gas fire and keep for future reference.

Please keep your Owner Guide in a safe place together with the Installer Guide.

As supplied, this appliance is for use with natural gas (G20)
When converted using conversion kit no. 591149 this appliance is for
use with propane gas (G31)
This appliance is for use in the United Kingdom (GB) and the Republic
of Ireland (IE) only.

C U S T O M E R C A R E

Thank you for choosing Wonderfire

All Wonderfire appliances are designed to meet the most stringent quality, performance and safety requirements to provide our customers with many years' trouble-free service.

Your owner 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.

If you require further assistance or any advice about gas in general, the Wonderfire service department will be pleased to help.

In the United Kingdom please telephone **0121 386 6203**.

In the Republic of Ireland please telephone **353 183 75114**

C O N T E N T S

	Page
Safety _ _ _ _ _	3
Appliance data _ _ _ _ _	4
Operating the Fire _ _ _ _ _	5
Cleaning _ _ _ _ _	6
Fuel Bed Refitting _ _ _ _ _	7
Maintenance _ _ _ _ _	8

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

1. As with any gas appliance, this fire must be 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.
2. If the fire is intended to be installed to a chimney which was previously used for solid fuel, please note that the chimney must be swept prior to installation.
3. On no account must the fire stand on carpets or other combustible materials. The fire must stand behind a non-combustible hearth surface. The hearth material must be at least 12mm thick. Its top surface should be 50mm above floor level to discourage placing carpets. Rugs or other combustible materials over the hearth. The minimum size of the hearth is 620mm wide x 345mm deep.
4. If the fire is intended to be installed against a wall with combustible cladding, the cladding must be removed from the area covered by the outer surround.
5. The minimum height from the top surface of the hearth to the underside of any shelf made from wood or other combustible material and which is not more than 150mm deep is 750mm. For shelves deeper than 150mm add 12.5mm to the above clearance for every 25mm of additional shelf depth.
6. Never put any paper or other material on the fire. Never add any extra coals above the number stated in these instructions. This could cause a safety hazard.
7. It should be appreciated that although this appliance conforms to all the applicable standards, it is a decorative fuel effect heating appliance and certain parts of its surface will become hot. A suitable guard which complies with BS 6539 or 6778 should be used for the protection of young children, the elderly and the infirm. Such a guard is also recommended for the protection of pet animals.
8. Always switch the fire off and allow to cool before handling. Note that this appliance retains heat for some time after it has been switched off.
9. Never hang clothing, towels or any other fabrics over the fire.
10. This appliance is fitted with a device which will automatically shut off the supply of gas to the fire if, for any reason, the flames go out. If this device does operate or if the fire is turned off accidentally or intentionally, always wait three minutes before attempting to relight.
11. Soft wall coverings (e.g. embossed vinyl etc.), are easily affected by heat. They may, therefore, scorch or become discoloured when close to a heating appliance. Please bear this in mind when having a heating appliance installed and when redecorating.

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.

This fire is supplied with ceramic "coals" to simulate a real coal fire. After some use, the ceramic rear wall and coals may change colour. This is quite normal.

1. APPLIANCE DATA

Fire Front Dimensions

	Monaco	Lincoln
Height	630mm	620mm
Width	540mm	555mm
Side clearance to projecting combustible wall (min.)	143mm	135mm

Gas Consumption

Natural gas appliances have a maximum gas input at the high setting of 6.0kW (Gross) and a minimum gas input at the low setting of 2.7 kW (Gross).

Propane gas appliances have a maximum gas input at the high setting of 6.1kW (Gross) and a minimum gas input at the low setting of 4.3 kW (Gross).

To calculate the running cost of this fire, multiply the gas consumption (gas input) by the cost of gas which you will find on your gas bill.

$$\begin{array}{r} \text{GAS} \\ \text{CONSUMPTION} \\ \text{(HEAT INPUT)} \end{array} \times \begin{array}{r} \text{COST} \\ \text{OF GAS} \end{array} = \begin{array}{r} \text{RUNNING} \\ \text{COST} \end{array}$$

Natural gas appliances have a heat output of 3.5kW at the high setting and 1.3kW at the low setting.

Propane gas appliances have a heat output of 3.6kW at the high setting and 2.1kW at the low setting.

OPERATING THE FIRE

The 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 sliding control button is held 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 **FireSlide** control is shown in figure 1.

1. Slide the control button to the bottom (ignition) position marked . In this position, the electronic ignition system should cause a series of sparks which 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.

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 1 (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 1. 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).

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 coals 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 turn the control knob 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 to change between 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 until the flames extinguish. Both the main burner and the pilot should go out.

While cooling, the coals may make some crackling noises. This is quite normal.

Lighting with a taper (see figure 2)

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 alongside of the left side wall of the fire box and operating the slide control as described above.

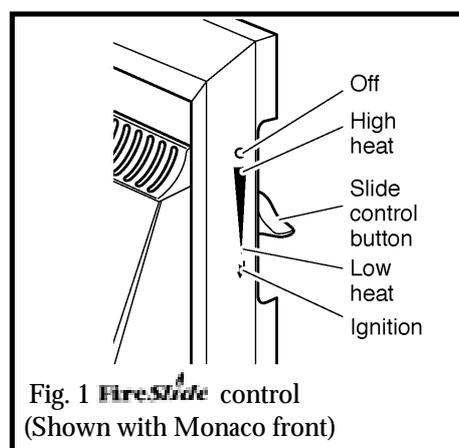


Fig. 1 FireSlide control
(Shown with Monaco front)

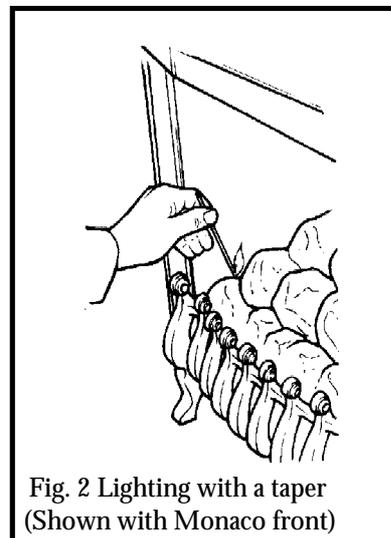


Fig. 2 Lighting with a taper
(Shown with Monaco front)

CLEANING

Turn the fire off and allow it to cool before attempting any cleaning. Note that the fire will retain heat for some time after it has been turned off.

If large pieces of debris are found anywhere in the fireplace, 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, they could scratch the surface.***

Coals and burner compartment rear wall

This product uses fuel effect pieces and a burner compartment rear wall containing Refractory Ceramic Fibres (RCF), which are man-made vitreous silicate fibres.

Excessive exposure to this material may cause temporary irritation to eyes, skin and respiratory tract. Consequently, it makes sense 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 coals in the reverse order to that shown in the fuel bed refitting instructions.

Ceramic burner

Remove any deposits of soot or other foreign matter from the solid areas 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.

FUEL BED REFITTING

If the fuel bed components are dislodged or removed, they must be refitted as follows:

Only the fuel bed parts supplied with this appliance or authorised Wonderfire replacements must be used. Never add extra coals above the number stated in these instructions.

1 With its feather edge at the top, place the ceramic rear wall into the channel at the back of the firebox. Push the wall flat against the rear of the fire box. (See figure 3).

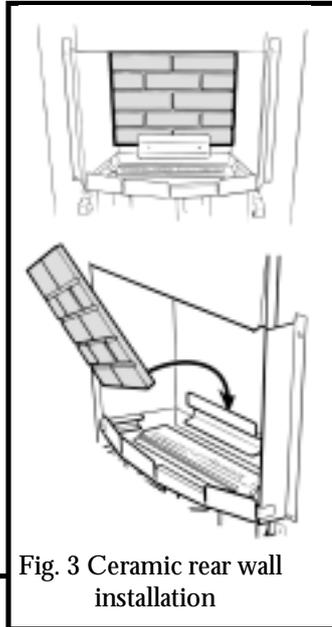


Fig. 3 Ceramic rear wall installation

2 Place the front base coal in the burner compartment so that it rests on the ledges at the sides and front. Pull the coal forward so that it is immediately behind the front rim of the burner compartment. (See figure 4).

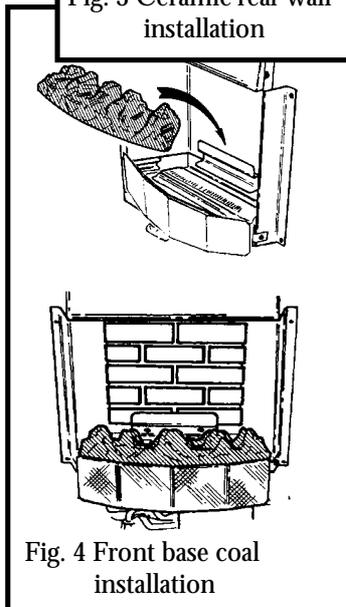


Fig. 4 Front base coal installation

3 Place the rear base coal in the burner compartment behind the front coal. It should rest on the ledge at the back of the burner compartment and its rear face should touch the rear ceramic wall (See figure 5)

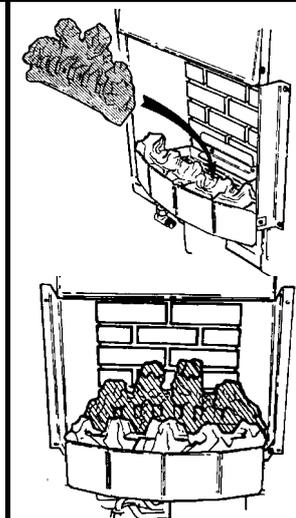


Fig. 5 Rear base coal installation

4 Install the 9 loose coals as follows. The smooth surfaces of the coals should be at the bottom and back.

4.1 Select the two smallest coals and put them aside until all the other coals are installed. Place four of the medium size coals in the four valleys of the front coal. Place the left side coal so that the pilot flame will be visible. (See figure 6).

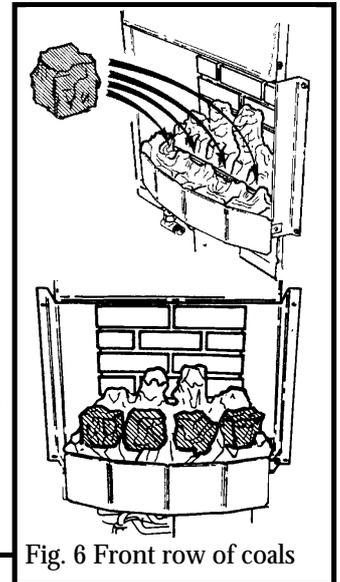


Fig. 6 Front row of coals

4.2 Place the three remaining medium size coals behind and approximately midway between each of the coals in the front row (See figure 7).

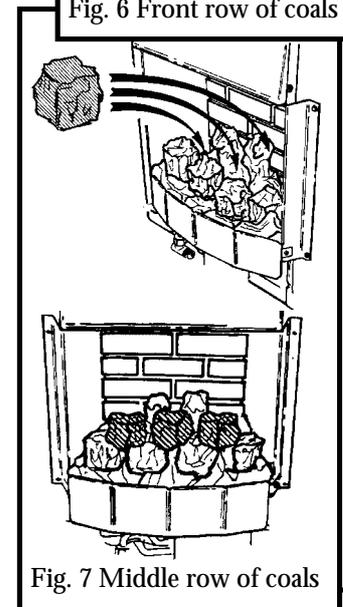


Fig. 7 Middle row of coals

4.3 Place the two remaining small coals alongside the main coals (See figure 7)

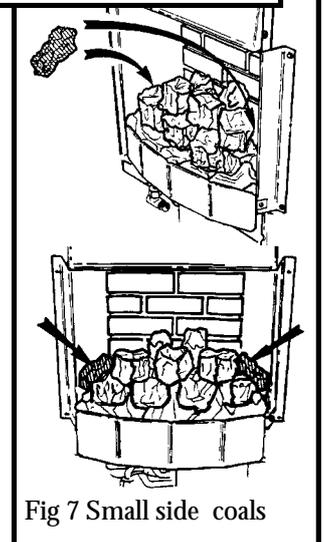
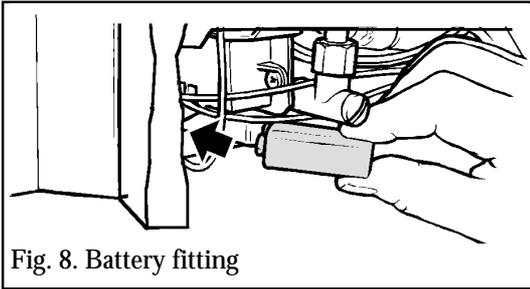


Fig 7 Small side coals

MAINTENANCE



Battery replacement (See fig 8).

This appliance requires 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 generator, the positive battery terminal (+) being to the right as you insert.

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.

Servicing

- In the United Kingdom servicing can be carried out either by a Wonderfire Service engineer or a CORGI registered installer.
- If you require your fire to be serviced, please contact the Wonderfire service department on **0121 386 6203** and quote the following details:
 - a) - model name and number.
 - b) - appliance serial no. (To be found below the burner and behind the bottom front cover)
- If you wish to replace any of the owner replaceable parts listed below, please contact your dealer or the Wonderfire service department for your nearest stockist of these parts. When ordering please quote the part number shown below.
- In Republic of Ireland call **353 183 75114** for all enquiries.

<u>Description</u>	<u>Part No</u>
Rear wall	545999
Front base coal	9770074
Rear base coal	569459
Pack of 9 top coals	9780033

When fitting replacement parts, follow the instructions contained in this guide. It is important that only Wonderfire approved parts are used for maximum safety.

All Wonderfire appliances are CE Approved and designed to meet the appropriate British Standards.



All Wonderfire appliances are manufactured to the highest standards of quality and excellence under the BS EN ISO 9001 quality system accepted by the British Standards Institute.

All Wonderfire gas appliances must be installed by a competent person in accordance with the Installer Guide. If in doubt always use the services of a CORGI Registered Installer

Please fill in the following information for your own future reference. The information should always be quoted in any correspondence with your original supplier or Wonderfire service department.

In the United Kingdom please telephone **0121 386 6203**.

In the Republic of Ireland please telephone **353 183 75114**

Model	BR419
Front (Tick box)	Monaco <input type="checkbox"/>
	Lincoln <input type="checkbox"/>
Supplier's Name	
Supplier's Address	
Telephone No.	
Date of Purchase	
Guarantee Card No.	



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