

OWNER GUIDE

Quantum

&

Urban

Model 746

(GC No. 32-032-57)

INSET LIVE FUEL EFFECT GAS FIRE



**THIS APPLIANCE IS FOR USE WITH NATURAL GAS (G20)
WHEN CONVERTED USING CONVERSION KIT NO. 0595221 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 these instructions give sufficient details to enable this appliance to be installed and maintained satisfactorily. However, if further information is required, our

Valor Technical Helpline will be pleased to help.

Telephone **08706 061 065** (National call rates apply in the United Kingdom)

This guide is intended to help you care for your Valor 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.

Valor fires are CE Approved and designed to meet the appropriate British Standards and Safety Marks.



Quality and Excellence.

At the heart of every Valor fire.

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



The Highest Standards

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



Careful Installation

Valor is a CORGI registered company. All our gas fires 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 or floor of combustible material.



Valor Heating, Erdington, Birmingham B24 9QP

www.valor.co.uk

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

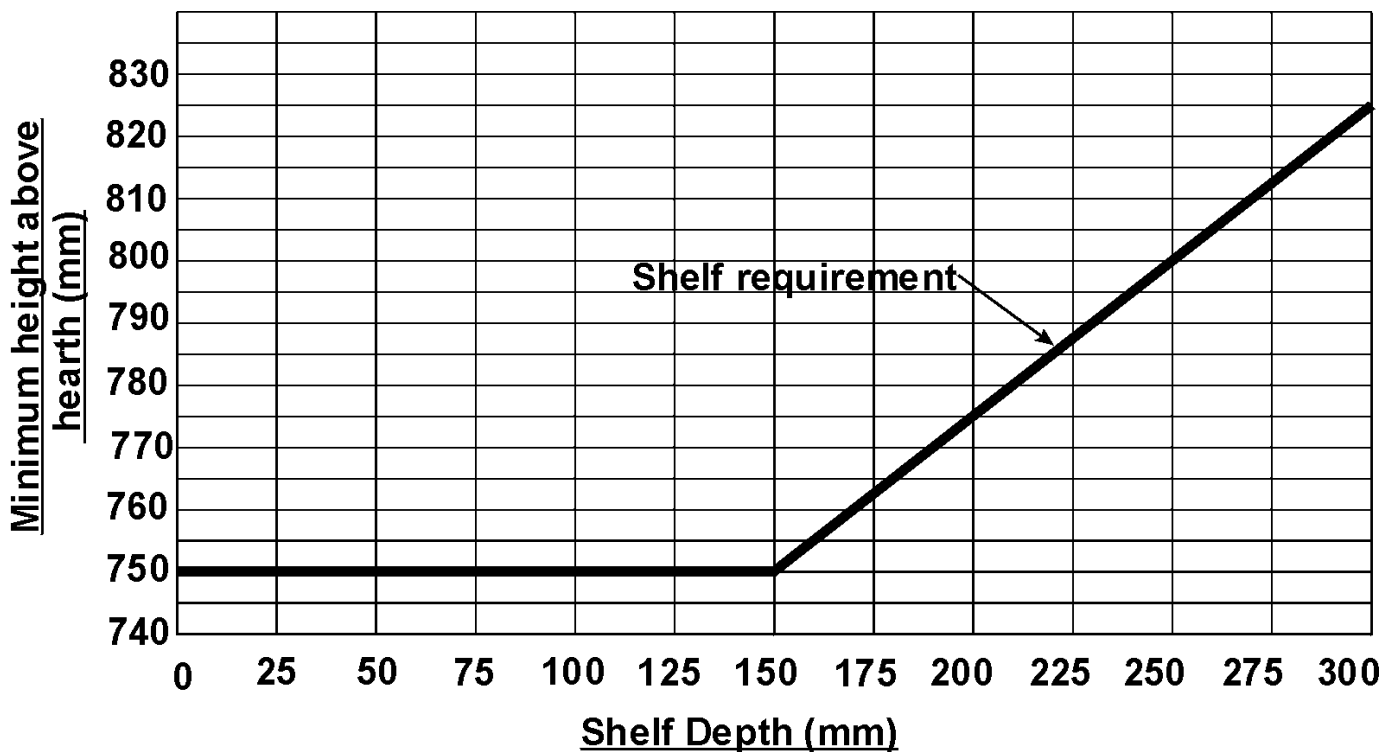
IMMEDIATELY CALL THE GAS EMERGENCY SERVICE – SEE YOUR LOCAL TELEPHONE DIRECTORY

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 installation instructions

Do provide a minimum clearance of 750mm from the top surface of the hearth to any shelf made of wood or other combustible material where the shelf is not more than 150mm deep. For a shelf deeper than 150mm, add 12.5mm to the clearance for every 25mm of additional shelf depth. (See graph 1)



Graph 1. Combustible shelf clearances

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Do always use a fireguard complying with BS 8423 for the protection of young children, the elderly or infirm.

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 flame goes 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 altering the room.

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

Don't put more loose coals / pebbles on the fire than the number given in this guide or use any coals / pebbles other than those authorised for this fire. Incorrect combustion could result.

Don't put paper or other materials onto your fire.

Don't use the fire with damaged base ceramics.

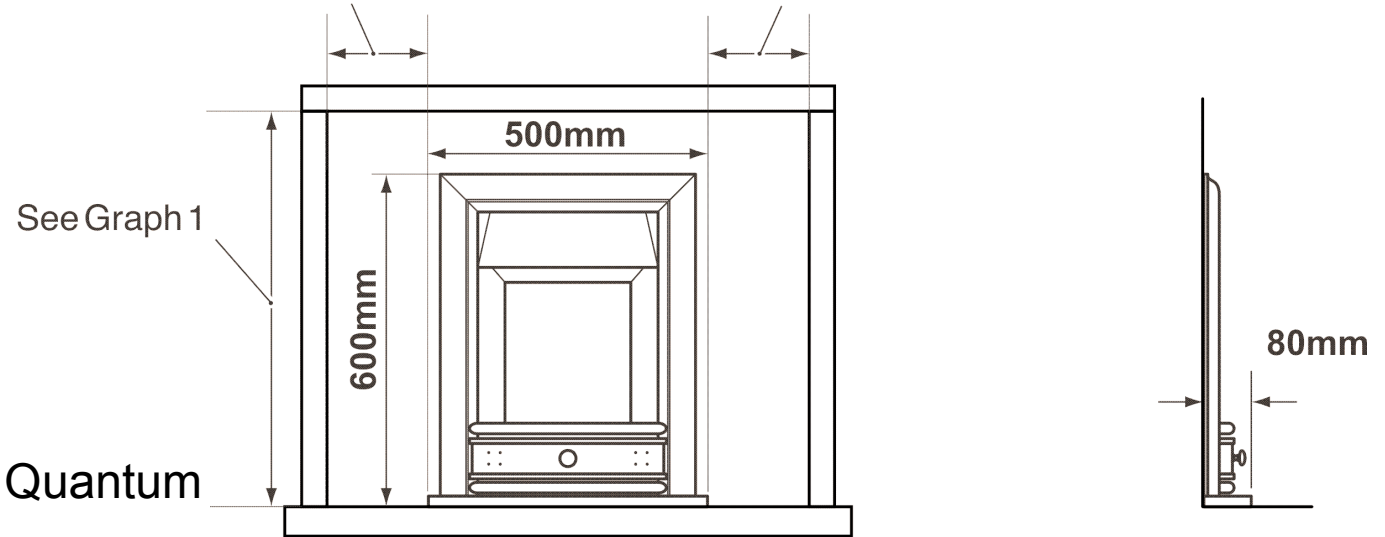
Don't place any combustible material (rugs, carpet, plastic tiles, etc.) on the hearth

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

100mm minimum mandatory clearance to combustible surfaces projecting beyond front of appliance. For access purposes a 50mm clearance is recommended to non-combustible surfaces



100mm minimum mandatory clearance to combustible surfaces projecting beyond front of appliance. For access purposes a 50mm clearance is recommended to non-combustible surfaces

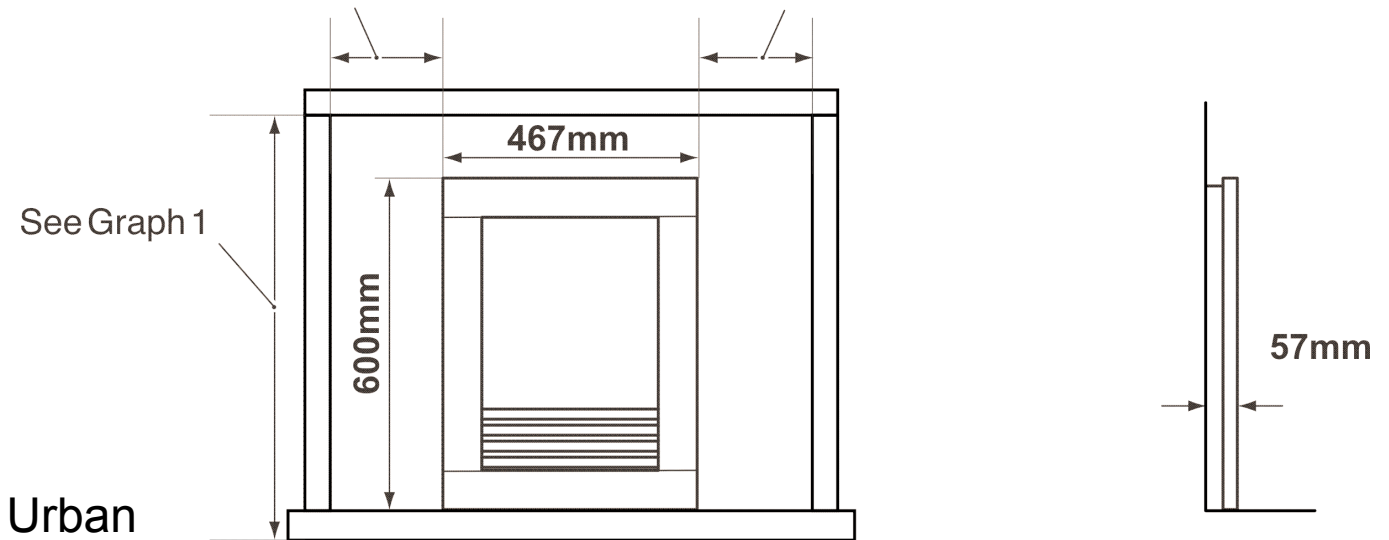


Figure 1. Appliance dimensions

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GAS CONSUMPTION

Model 746

Has a maximum natural gas input of 6.0kW (Gross)
Has a maximum natural gas output of 3.0kW (Gross)

Has a minimum natural gas input of 2.3kW (Gross)
Has a minimum natural gas output of 1.15kW (Gross)

Model 746 when converted using kit number 0595221

Has a maximum propane gas input of 6.1kW (Gross)
Has a maximum propane gas output of 3.1kW (Gross)

Has a minimum propane gas input of 3.8kW (Gross)
Has a minimum propane gas output of 1.8kW (Gross)

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 kept depressed at the "Pilot/Ign" 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.***

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Lighting the pilot

This fire is controlled by a 4-position gas tap mounted on the front leg of the appliance. To gain access to the gas tap lift off the lower hanging trim. In addition to the “Off” position there is a pilot light and 2 heat control settings. See figure 2.

- Depress the control knob and turn anticlockwise towards the “**Pilot/Ign**” position. A spark should be generated at the pilot while turning. The spark should ignite the pilot. The pilot flame can be seen through the lower left hand opening in the front of the fuel effect bed.
- Keep the button depressed at the “**Pilot/Ign**” position for a further ten seconds. This will prevent the flame-sensing device from shutting off the gas while its probe warms up.
- If the pilot does not ignite instantly, repeat procedure. **If after 10 seconds pilot ignition has not occurred, turn the control knob back to the “Off” position, wait for 3 minutes and then repeat the ignition procedure.**

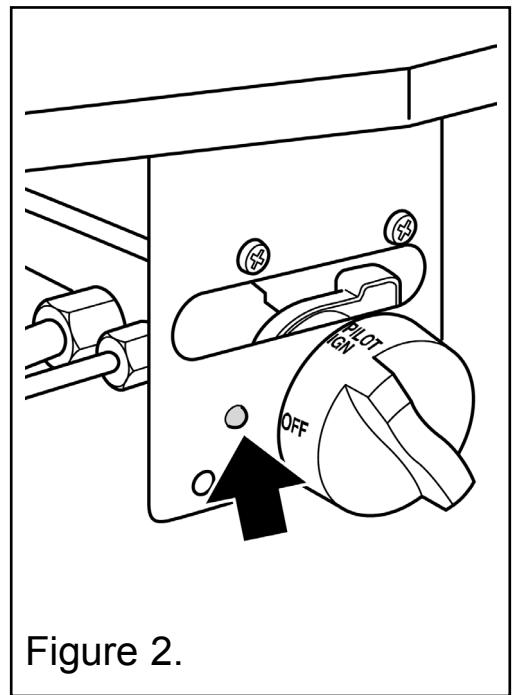


Figure 2.

Lighting the Main Burner

- Once the pilot light is established, the main burner can be lit by depressing and turning the control knob anticlockwise to the “**High**” position.

Selecting the Heat Setting

- In order to change from one setting to another depress the control knob slightly and turn the knob to the required position. Any setting from “**Low**” to “**High**” may be selected.

***Note:** 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 operate the appliance at its “High” setting. This will also burn off any carbon deposits that may have formed during previous operations. If operating the appliance for long periods it is beneficial to change between settings. This will help to remove any carbon deposits that may form during operation.*

Turning the fire back to Pilot Setting

- Depress the control knob and turn clockwise until the pilot setting is reached.

Turning the Appliance Off

- Make sure that the control knob is in the pilot position. Depress the control knob

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and turn clockwise to the “Off” position.

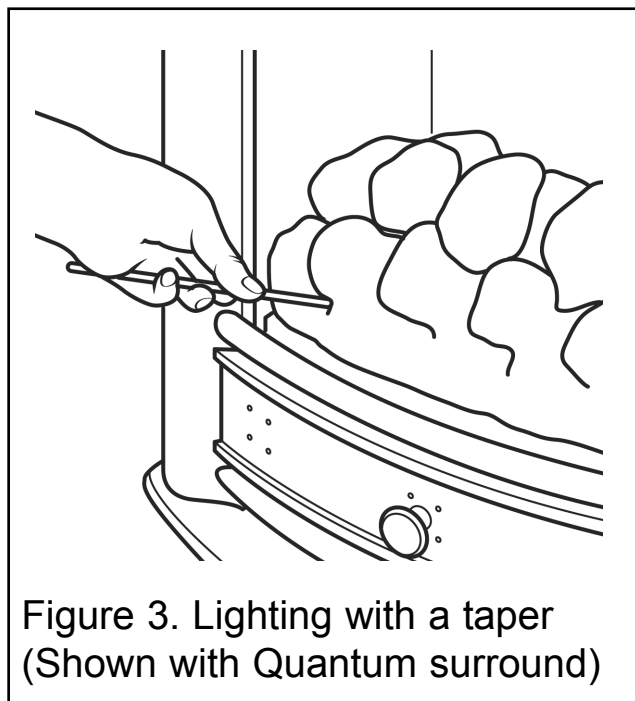
- **Wait at least three minutes before relighting.**

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 through the lower left hand opening in the front of the fuel effect bed.

- Follow the section ‘Lighting the pilot’ as described previously.



CLEANING

To maintain the high performance and quality finish of your Valor appliance, 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.
- **Front surround** -Clean the metal parts with a slightly damp cloth and then dry. If this does not work apply a very small amount of ‘baby oil’ to a lint free, non-abrasive cloth and wipe over the surface. Use a clean cloth to wipe off the oil.

Ceramic fuel effect and Rear Wall

- **This product uses fuel effect pieces and burner compartment rear wall 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

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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 suggest that you remove the coals / pebbles in the reverse order to that shown in the fuel bed refitting instructions.

Burner

- The burner surface can be carefully cleaned to remove any loose particles after taking off the coals / pebbles. Make sure that no particles are pushed into the burner holes.

FUEL BED REFITTING - CERAMIC COALS

This section is for models supplied with ‘Coal’ effect fuel bed only.

For ‘Pebble fuel bed’ see section ‘fuel bed refitting - ceramic pebbles’

1. Place the rear base coal in the firebox. It should rest on the ledges at the rear sides of the burner unit. When located gently move the rear base coal so that it is as far forward as possible. The amount of movement will be negligible (See figure 4).

2. Place the front base coal in the firebox with its bottom front locating over the front rim of the firebox. Pull the coal forward so that it locates immediately behind the front rim of the firebox. (See figure 5). The front base coal will touch the rear base coal as it is located.

There are two types of loose coals. These are identified with the letter “A” or “B” on the underside of the coal.

There are three “A” coals and two “B” coals.

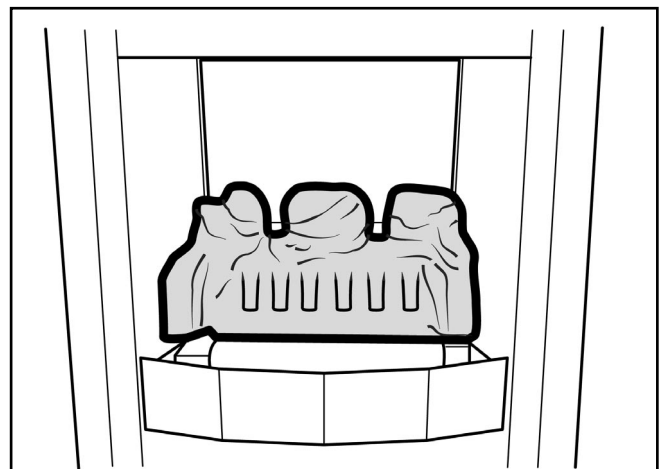


Figure 4. Rear Base Coal Position

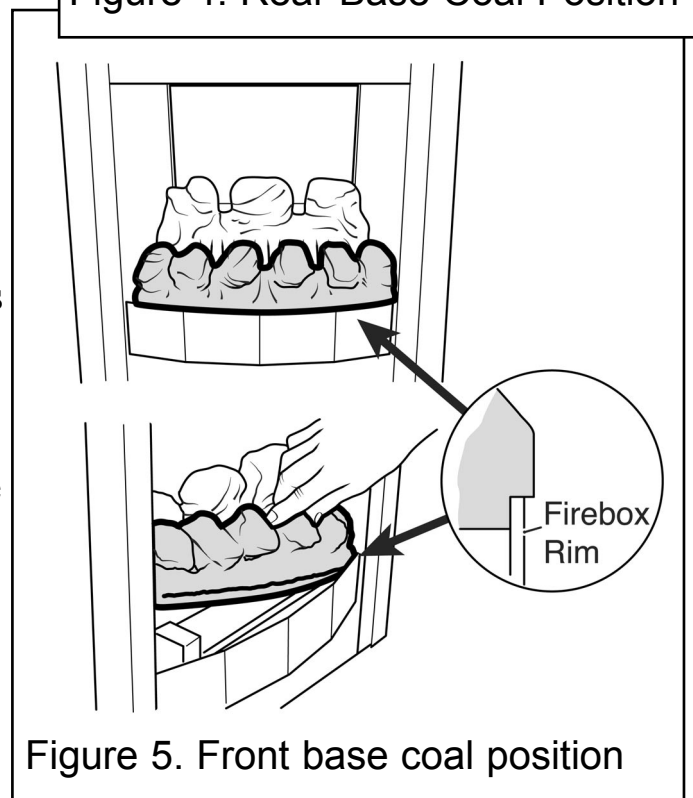
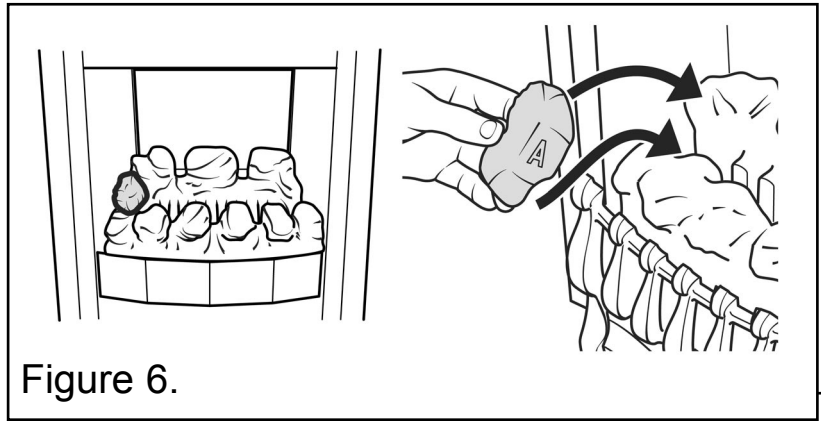


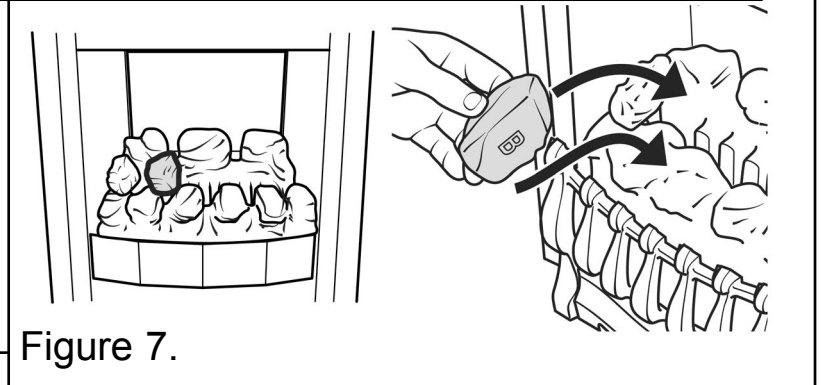
Figure 5. Front base coal position

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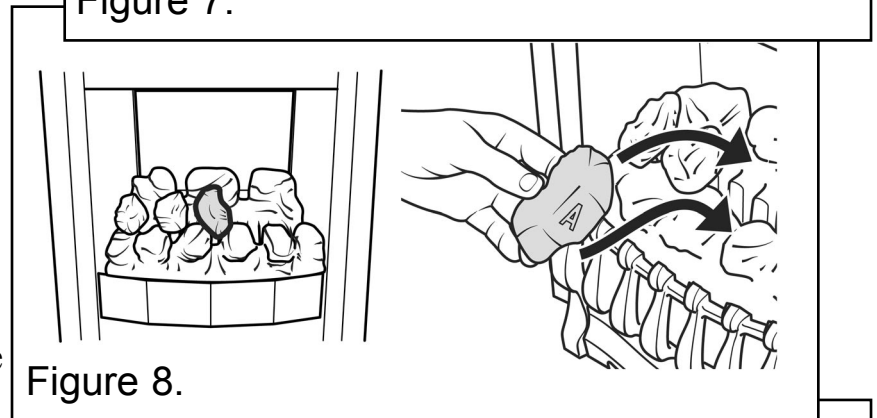
3. Place a type “A” coal between the front and rear base coals with the letter “A” upright and so that the coal is against the left side of the firebox. See figure 6.



4. Place a type “B” coal between the front and rear base coals as shown in figure 7. The letter “B” should be upright.



5. Place a type “A” coal between the front and rear base coals with the letter “A” upright. The top of the coal should rest against the centre coal of the rear base coal as shown in figure 8.



6. Place the remaining type “B” coal at the right side of the firebox between the front and rear base coals. The letter “B” should be upright. The coal should touch the right side of the firebox. See figure 9.



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7. Place the remaining type “A” coal between the front and rear base coals. The letter “A” should be upside down with its rear face between the right and centre coals of the rear base coal. Angle the coal so that the gap between it and the type “B” coal to its right is appreciably larger than the gap between it and the type “A” coal to its left but do not have it touching the type “A” coal. This will give the best flame effect. See figure 10.



Figure 10.

FUEL BED REFITTING - CERAMIC PEBBLES

This section is for models supplied with ‘Pebbles’ effect fuel bed only.

For ‘Coal fuel bed’ see section ‘Fuel bed refitting - ceramic coals’

1. Place the rear base pebble in the firebox. It should rest on the ledges at the rear sides of the burner unit. When located gently move the rear base pebble so that it is as far forward as possible. The amount of movement will be negligible (See figure 11).

2. Place the front base pebble in the firebox with its bottom front locating over the front rim of the firebox. Pull the pebble forward so that it locates immediately behind the front rim of the firebox. (See figure 12). The front base coal will touch the rear base coal as it is located.

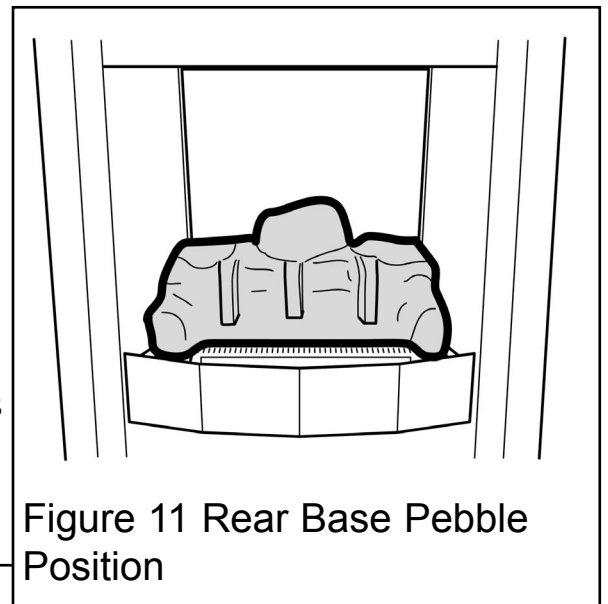


Figure 11 Rear Base Pebble Position

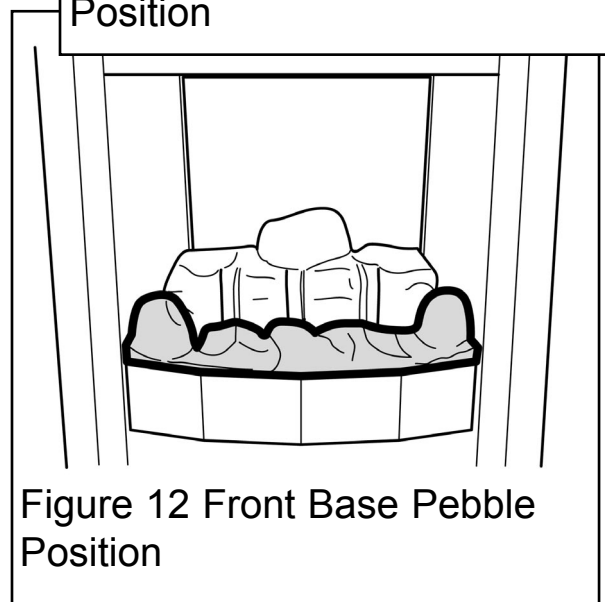


Figure 12 Front Base Pebble Position

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Install the 11 loose pebbles as follows. The underside of each pebble is marked with a letter 'A' to 'K' and an arrow.

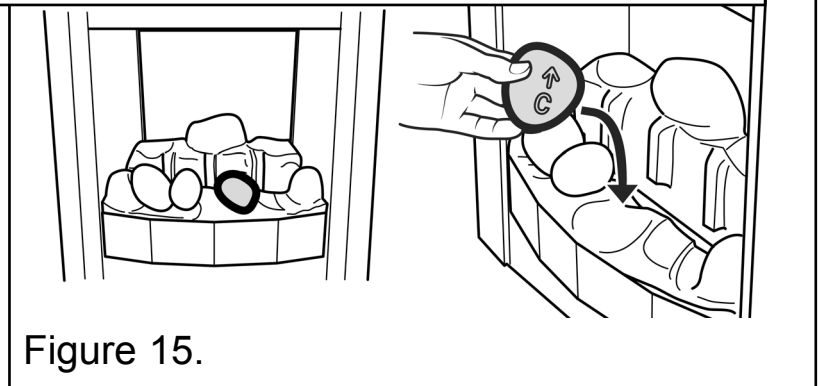
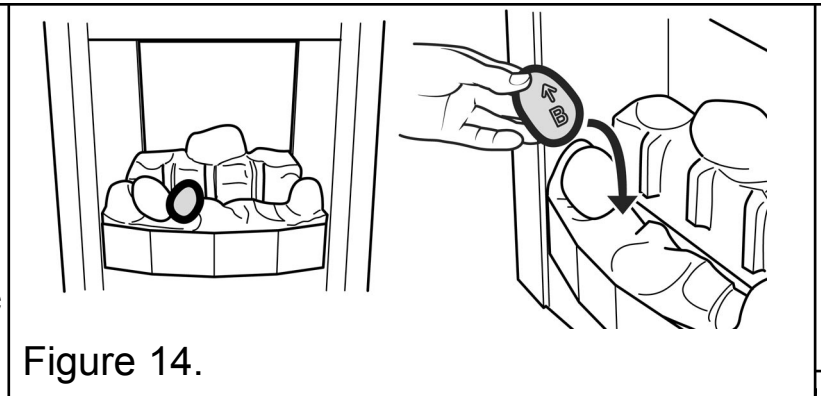
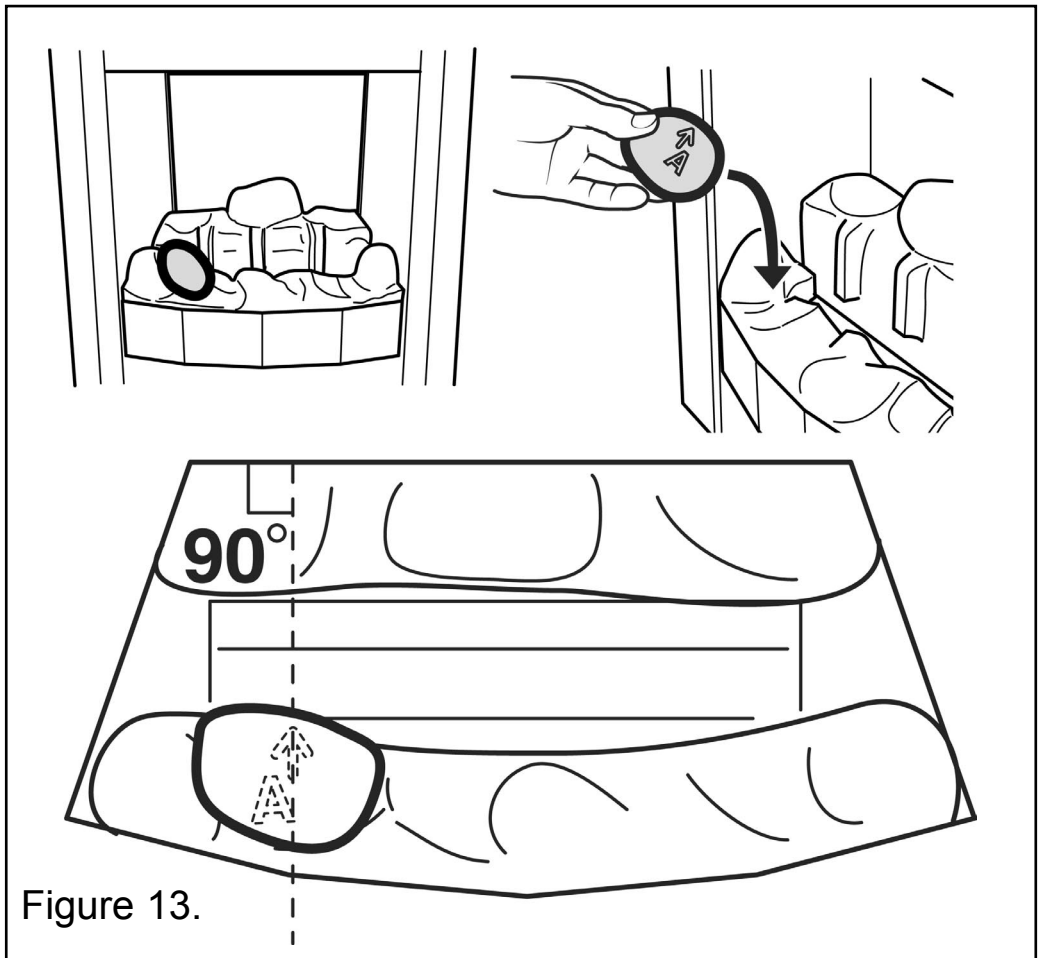
The pebbles should be positioned so that the arrows always point towards the back of the fireplace opening. When located into position the stem of each arrow should be at 90° to the rear of the fireplace opening (See figure 13).

3. Hold pebble 'A' upright with the arrow pointing to the top.

Place pebble "A" on top of the front base pebble. The pebble should rest against the moulded pebble to its left. (See figure 13).

4. Hold pebble 'B' upright with the arrow pointing to the top. Place pebble "B" on top of the front base pebble. (See figure 14).

5. Hold pebble 'C' upright with the arrow pointing to the top. Place pebble "C" on top of the front base pebble. It should lie against the moulded pebble to its left. (See figure 15).



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6. Hold pebble 'D' upright with the arrow pointing to the top. Place pebble "D" on top of the base front pebble. It should rest against the moulded pebble to its right. (See figure 16).

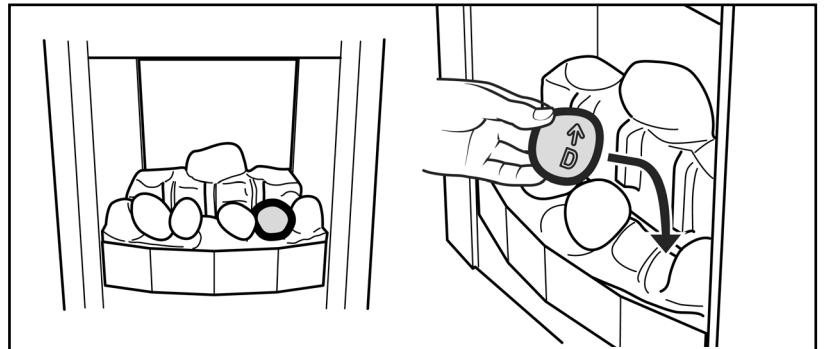


Figure 16.

7. Hold pebble 'E' upright with the arrow pointing to the top. Place pebble 'E' between the front and rear base pebbles. It should rest against the side of the firebox. (See figure 17).

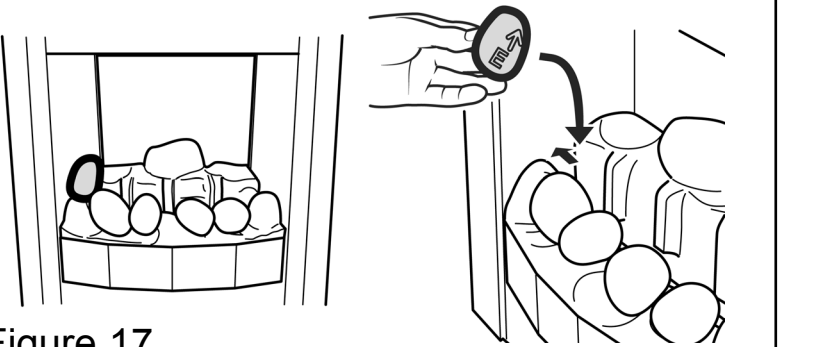


Figure 17.

8. Hold pebble 'F' upright with the arrow pointing to the top. Place pebble 'F' between the front and rear base pebbles. It should rest on top of pebble 'A' & 'B'. (See figure 18).

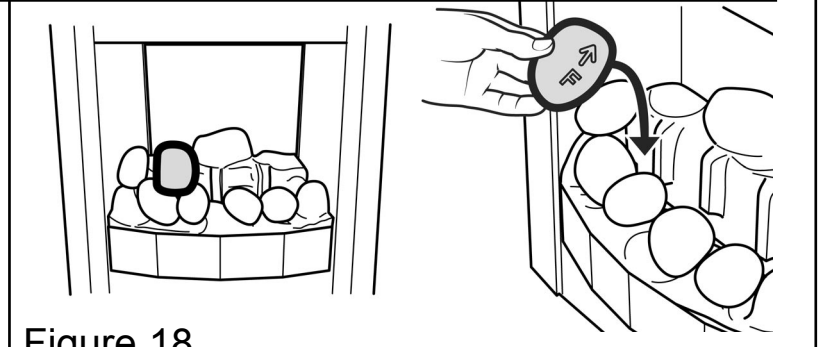


Figure 18.

9. Hold pebble 'G' upright with the arrow pointing to the top. Place pebble 'G' between the front and rear base pebbles. It should rest on top of pebble 'B' & 'C' and rest against the moulded pebble in the rear pebble base. (See figure 19).

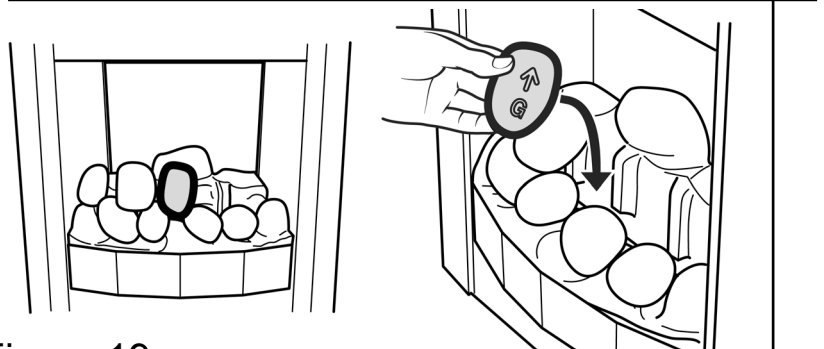
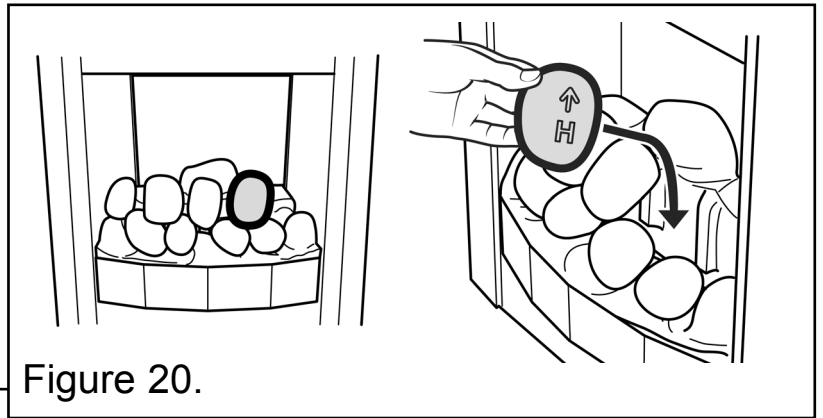


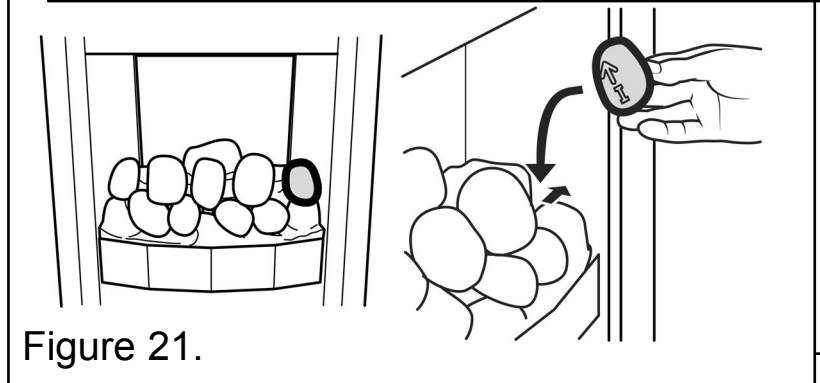
Figure 19.

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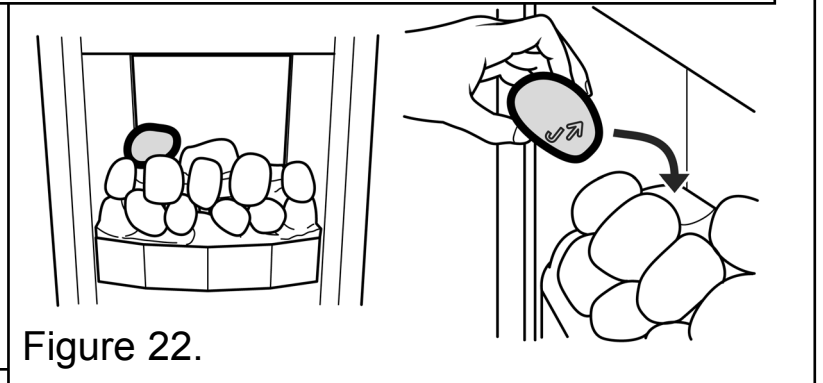
10. Hold pebble 'H' upright with the arrow pointing to the top. Place pebble 'H' between the front and rear base pebbles. It should rest in between pebbles 'C' & 'D' and against the moulded pebble in the rear pebble base. (See figure 20).



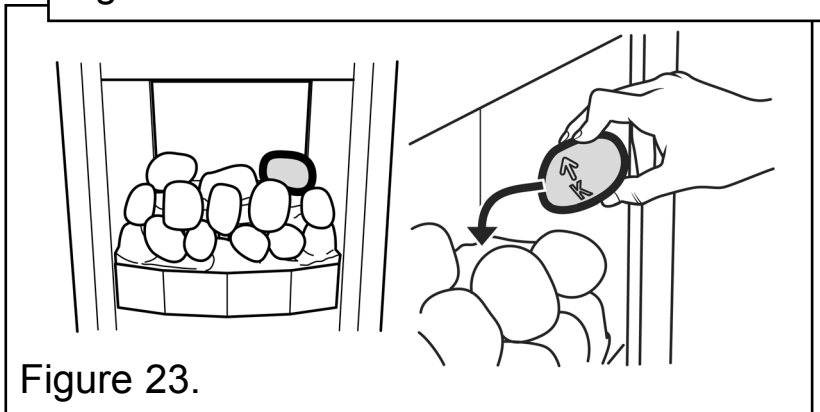
11. Hold pebble 'I' upright with the arrow pointing to the top. Place pebble 'I' between the front and rear base pebbles. It should rest against the side of the firebox (See figure 21).



12. Hold pebble 'J' upright with the arrow pointing to the top. Place pebble 'J' on top of the base pebble rear. (See figure 22)



13. Hold pebble 'K' upright with the arrow pointing to the top. Place pebble 'K' on top of the base pebble rear. (See figure 23)



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MAINTENANCE

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 Valor service engineer or a CORGI registered installer.
- If you require your fire to be serviced, please contact **Valor Service** on **08706 090 081** and quote the following details;
Model name and number.
Appliance serial no. (To be found on the plate close to the control knob.)
- If you wish to replace any of the owner replaceable parts listed below, spare parts are available nationwide via the '**interpart stockist network**'. For your local stockist consult Yellow pages under Central Heating.
When ordering please quote the part number shown below.

Owner Replaceable Parts

<u>Description</u>	<u>Part No</u>
Ceramic rear wall	0579399

Coal model

Front coal	5108541
Rear base coal	5108542
Pack of loose coals	0582839

Pebble model

Front pebble	5108543
Rear base Pebble	5108544
Pack of loose Pebbles	3002773

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- **When fitting replacement parts, follow the instructions contained in this guide. It is important that only Valor approved parts are used for maximum safety.**
- In the United Kingdom, for general advice about gas and your gas fire call our **Technical Helpline 08706 061 065.**
- In the Republic of Ireland call **0044 08706 061 065** for all enquiries.

USEFUL TELEPHONE NUMBERS

General advice about gas and your gas fire:

VALOR TECHNICAL HELPLINE 08706 061 065.

To report faults or arrange for your fire to be serviced:

VALOR SERVICE 08706 090 081.

For sales or product information:

VALOR SALES 08706 061 067.

For spares inquiries

Spare parts are available nationwide via the ‘interpart stockist network’. For your local stockist consult Yellow pages under ‘Central Heating’.

CALLERS IN THE REPUBLIC OF IRELAND

Call 0044 08706 061 065