



INSTALLER GUIDE

MODEL BR622

(GC32 - 032 - 09)

INSET LIVE FUEL EFFECT GAS FIRE

**INCORPORATING THE
VALOR FireSlide CONTROL**

**WITH
ADORN,
VISAGE,
ELEGANT or
ICON Front**



**THIS APPLIANCE IS FOR USE WITH NATURAL GAS (G20)
WHEN CONVERTED USING VALOR CONVERSION KIT No.591159 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**

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 advice line** will be pleased to help.

Ring 0345 626 341 (local call rates apply).

Please keep in a safe place for future reference

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.



Masters of the living flame.

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

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1. APPLIANCE DATA

This product uses fuel effect pieces, burner compartment walls and gaskets containing Refractory Ceramic Fibres (RCF), which are man-made vitreous silicate fibres. Excessive exposure to these materials 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. To ensure that the release of fibres from these RCF articles is kept to a minimum, during installation and servicing we recommend that you use a HEPA filtered vacuum to remove any dust and soot accumulated in and around the fire before and after working on the fire. When replacing these articles we recommend that the replaced items are not broken up, but are sealed within a heavy duty polythene bag, clearly labelled as RCF waste. This is not classified as "hazardous waste" and may be disposed of at a tipping site licensed for the disposal of industrial 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.

This appliance does not contain any component manufactured from asbestos or asbestos related products.

The appliance data label is on a tie below the burner and is visible when the bottom front cover is removed.

Gas:	Natural (G20)	Propane (G31)*
Inlet Pressure	20mbar	37mbar
Input - Max. (Gross)	6.85kW (23,400 Btu/h)	6.7kW (22,860 Btu/h)
Input - Min. (Gross)	2.7kW (9,410 Btu/h)	4.3kW (14,670 Btu/h)
Output - Max.	4.2kW (14,300 Btu/h)	4.1kW (13,900 Btu/h)
Output - Min.	1.3kW (4,440 Btu/h)	2.0kW (6,820 Btu/h)
Burner Test Pressure (Cold)	17.3±0.75mbar (7.0±0.3in w.g.)	35.1±0.75mbar (14.1±0.3in w.g.)
Gas Connection	8mm pipe	8mm pipe
Burner Injector	Bray Cat. 31 Size 440	Bray Cat. 18 Size 180
Pilot & Atmosphere Sensing Device	SIT Ref. OP9030	SIT Ref. OPLPG9222
Ignition	Electronic (Battery 9V PP3)	Electronic (Battery 9V PP3)
Aeration	Non-adjustable	Non-adjustable

*When converted using kit 591159

2. GENERAL INSTALLATION REQUIREMENTS

- 2.1 The installation must be in accordance with these instructions. For the user's protection, in the United Kingdom it is the law that all gas appliances are installed by competent persons in accordance with the current edition of the Gas Safety (Installation and Use) Regulations. Failure to install the appliance correctly could lead to prosecution. The Council for the Registration of Gas Installers (CORGI) requires its members to work to recognised standards. In the United Kingdom the installation must also be in accordance with:
- All the relevant parts of local regulations.
 - The current edition of the Building Regulations issued by the Department of the Environment and the Welsh Office or the Building Standards (Scotland) (Consolidation) Regulations issued by the Scottish Development Department.
 - All relevant codes of practice.
 - The relevant parts of the current editions of the following British Standards:-
BS 715
BS 1251
BS 1289 Part 1
BS 1289 Part 2
BS 4543 Part 2
BS 5440 Part 1
BS 5440 Part 2
BS 5871 Part 2
BS 6461 Part 1
BS 6891
BS 8303

In the republic of Ireland the installation must also conform to the relevant parts of:

- The current edition of IS 813
- All relevant national and local rules in force.

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2.2 As supplied the appliance can be installed in the following situations:-

2.2.1 To a fireplace complete with surround and hearth as shown in figure 1 and complying with BS1251 after removal of the fireback and sufficient material behind the fireback for a debris catchment space. The required fireplace, hearth, debris catchment area and clearance dimensions are shown in figure 1.

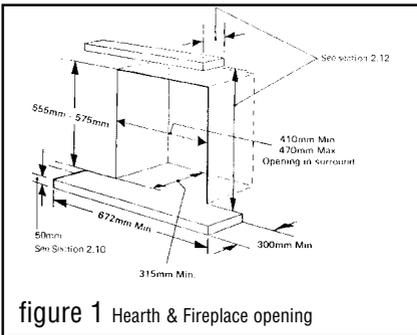


figure 1 Hearth & Fireplace opening

2.2.2 To a fireplace incorporating a metal flue box complying with the constructional requirements of the current edition of BS715. The dimensions of the flue box must conform to those shown in figure 2.

2.3 With the addition of optional accessory

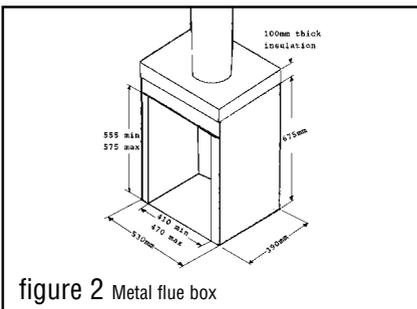


figure 2 Metal flue box

spacing kit 617K together with a sufficiently deep surround and hearth, this appliance can be fitted in the following situations. Full installation requirements and instructions are provided with the kit.

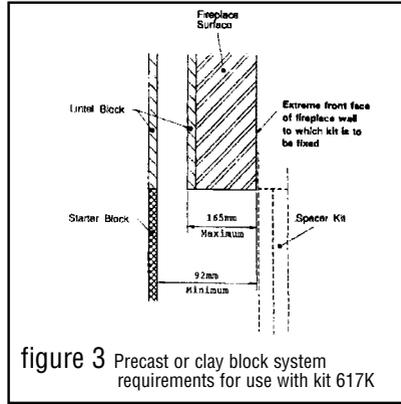


figure 3 Precast or clay block system requirements for use with kit 617K

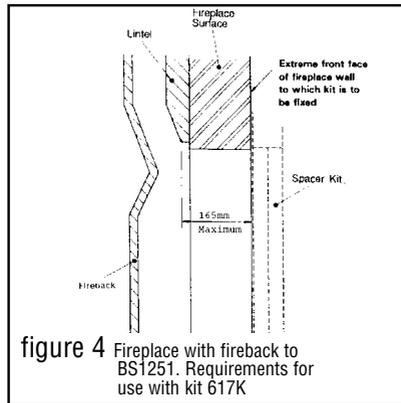


figure 4 Fireplace with fireback to BS1251. Requirements for use with kit 617K

2.3.1 To a fireplace that has a precast concrete or clay flue block system conforming to BS1289. The appliance is suitable for installations conforming to older versions of BS1289 as well as the current edition. The flue blocks must have a minimum width not less than 63mm and a cross-sectional area not less than 13,000mm². Older editions of BS1289 required a cross-sectional area of 13,000mm². The current revision of the standard requires 16,500mm². This appliance is suitable in both cases.

The distance from the back face of the flue starter blocks to the extreme front face of the fireplace including all surfacings must

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be no less than the distance shown in figure 3. The distance from the front face of the flueway opening in the lintel block (or equivalent) to the extreme front face of the fireplace including all surfacings must be no more than the distance shown in figure 3. If this maximum is exceeded poor clearance of combustion products could result.

The flue starter blocks should not be modified.

The current version of BS1289 recommends that there should be an air space or insulation between the flue blocks and the plaster because heat transfer may cause cracking on directly plastered flues. However, generally this appliance is suitable for installations under all circumstances unless there is a history of cracking problems.

Remember that faults such as cracking may be caused by poorly built and restrictive flues, e.g. mortar extrusions, too many bends, flue heights below three metres, restrictive terminations etc.

2.3.2 Into a fireplace that has a fireback of nominal size 400mm or 450mm and conforming to BS1251. The distance from the front face of the flueway opening in the lintel (or equivalent) to the extreme front face of the fireplace including all surfacings must be no more than the distance shown in figure 4. If this maximum is exceeded poor clearance of combustion products could result.

2.4 Suitable flues and minimum flue sizes are as follows:-

- a) 225mm x 225mm conventional brick flue.
- b) 175mm diameter lined brick or stone flue.
- c) 200mm diameter factory made insulated flue manufactured to BS4543.
- d) 175mm diameter flue pipe. See BS6461 Part 1 for suitable materials.
- e) Single wall, twin wall or flexible flue liner with a minimum diameter of 125mm. The materials to be used are stainless steel or

aluminium as specified in BS715.

f) A properly constructed precast concrete or clay flue system conforming to BS1289 Part 1 or 2. This system is only suitable when the conditions stated in section 2.3 are met.

It should be noted that, as with many appliances, sharp bends or horizontal runs in metal flues at the top of the system can be a cause of problems in these types of installation.

- 2.5** The minimum effective height of the flue must be 3m.
- 2.6** The flue must not be used for any other appliance or application.
- 2.7** Any chimney damper or restrictor should be removed. If removal is not possible, they must be secured in the open position.
- 2.8** If the appliance is intended to be installed to a chimney which was previously used for solid fuel, the flue must be swept clean prior to installation. All flues should be inspected for soundness and freedom from blockages.
- 2.9** If the fireplace opening is an underfloor draught type, it must be sealed to stop any draughts.
- 2.10** The appliance must be mounted behind a non-combustible hearth (N.B. conglomerate marble hearths are considered as non-combustible). The appliance can be fitted to a purpose made proprietary class "O"-150°C surround. The hearth material must be at least 12mm thick. The periphery of the hearth (or fender) should be at least 50mm above floor level to discourage the placing of carpets or rugs over it. The surface of the hearth must be sufficiently flat to enable the bottom of the front surround and the bottom front cover to be aligned horizontally. Any excessive unevenness (uneven tiles, Gotswold stone, etc.) should be rectified. The appliance must not stand on combustible materials or carpets.

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If the appliance is to be fitted against a wall with combustible cladding, the cladding must be removed from the area covered by the outer surround (see figure 5). We suggest that the actual surround is used as a template to mark the area for combustible cladding removal. The distance from the outside edge of the appliance front surround to a corner wall or other projection extending further forward than the front of the appliance on either side must not be less than that shown in figure 5.

2.11 The front face of the fireplace should be reasonably flat over the area covered by the convection box top and side flange seals to ensure good sealing. These faces should be made good if necessary. The fireplace floor should be reasonably flat to ensure that a good seal with the convection box can be made (see figure 25).

2.12 The minimum height from the top surface of the hearth to the underside of any shelf made from wood or other combustible materials is as follows:-

- For a shelf up to 150mm deep
Minimum height = 818mm.
- For a shelf deeper than 150mm
818mm + 12.5mm for every 25mm depth over 150mm.

2.13 Note that soft wall coverings (e.g. embossed vinyl, etc.) are easily affected by heat. They may scorch or become discoloured when close to a heating appliance. Please bear this in mind when installing.

2.14 This appliance must not be installed in any room which contains a bath or shower or where steam is regularly present.

2.15 An extractor fan may only be used in the same room as this appliance, or in any area from which ventilation for the appliance is taken, if it does not affect the safe performance of the appliance. Note the spillage test requirements

detailed further on in this manual. If the fan is likely to affect the appliance, the appliance must not be installed unless the fan is permanently disconnected.

2.16 No special ventilation bricks or vents are required in the room for this appliance.

2.17 Propane gas appliances must not be installed in a room which is built entirely below ground level (see BS 5871 Part 2).

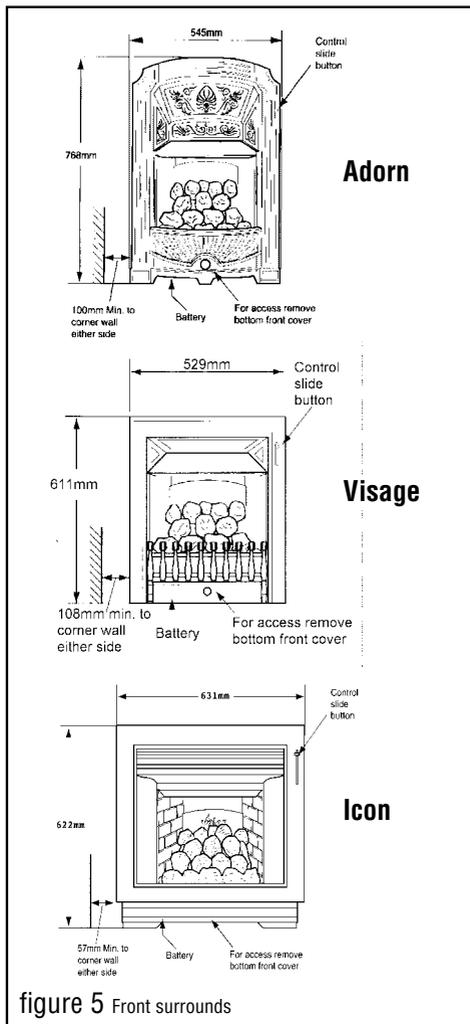


figure 5 Front surrounds

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3. UNPACKING

The items required for this appliance are packed in two sections.

Section 1 - Fire Unit contains:

- 1 Burner & Convection box Unit
- 1 Nut & olive for 8mm inlet pipe
- 1 Flue restrictor plate
- 3 Screws (For flue restrictor)
- 1 Ceramic back wall
- 1 Pair of ceramic side walls
- 1 Front coal
- 1 Main coal bed
- 1 Pack of loose coals containing 1 large, 8 medium & 2 small coals
- 2 Small "U" seals for convection box side flanges
- 1 Strip of floor sealing tape
- 4 Fibre plugs
- 4 Woodscrews
- 2 Fire retaining cables
- 2 Cable clamps
- 2 Eyebolts
- 1 Knurled shouldered screw for control linkage fixing
- 1 PP3 Battery
- 1 Smoke match tube
- 9 Machine screws (5mm) (For use with kit 617K)
- 1 Users instruction booklet

Section 2 - "Adorn" Fire Front contains:

- 1 Fire front surround with sliding control
- 1 Bottom front cover casting
- 1 Canopy Shield
- 3 Tapping screws for canopy shield
- 2 Machine screws for front surround fixing

or

Section 2 - "Visage" Fire Front contains:

- 1 Fire front surround with sliding control
- 1 Fire front casting
- 1 Bottom front cover casting
- 1 Canopy shield
- 2 Front surround securing brackets
- 3 Tapping screws for canopy shield
- 4 Machine screws for front surround & securing brackets

or

Section 2 - "Icon" Fire Front contains:

- 1 Fire front surround with sliding control
- 1 Bottom front cover
- 1 Top shield
- 3 Tapping screws for top shield
- 2 Machine screws for front surround fixing
- 2 Knurled screws for bottom front cover fixing

Carefully remove all the contents. Take special care in handling the ceramic walls and the coals. Take care not to bend or distort the slide control linkage when handling the fire front surround. Check that all the listed parts are present and in good condition.

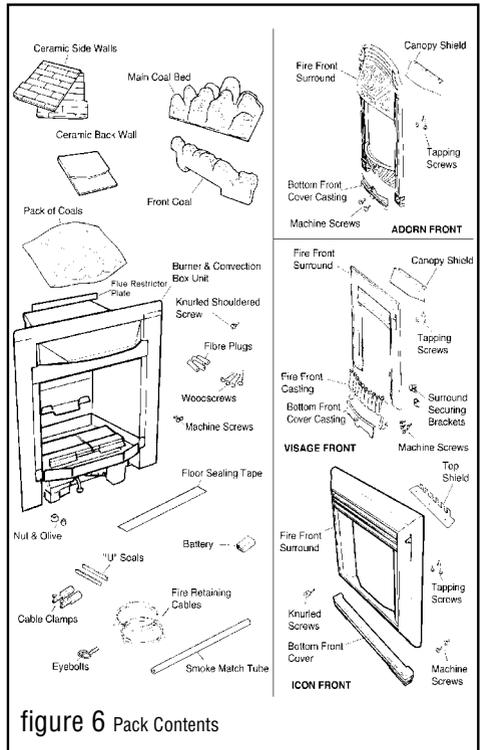


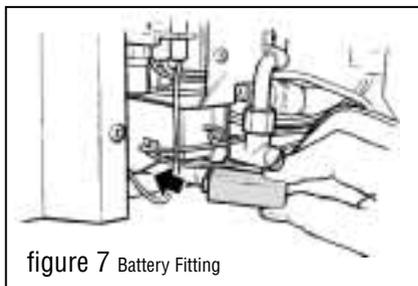
figure 6 Pack Contents

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3.1 Check Ignition Spark

Before attempting to install, it is worth checking that the electronic ignition system performs satisfactorily.

- 3.1.1 Fit the battery to the ignition block located below the burner tray at the left side (see figure 7). The positive (+) terminal is to the right as you insert.

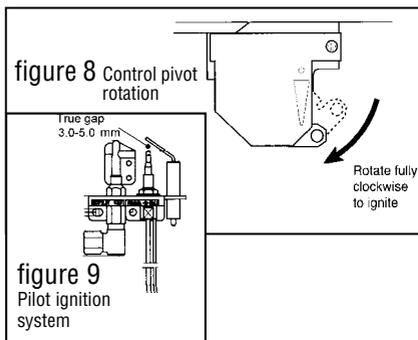


- 3.1.2 Rotate the control pivot bracket clockwise as far as it will go (see figure 8).

This should close the ignition circuit. Sparks should be seen tracking from the electrode pin to the thermocouple tip (see figure 9).

If there are no sparks make the following checks.

- Check condition of battery and that it is correctly fitted.
- Check spark gap between electrode wire and thermocouple tip (see figure 9).
- If a & b are satisfactory, check the ignition circuit and components - see the servicing section in this manual.

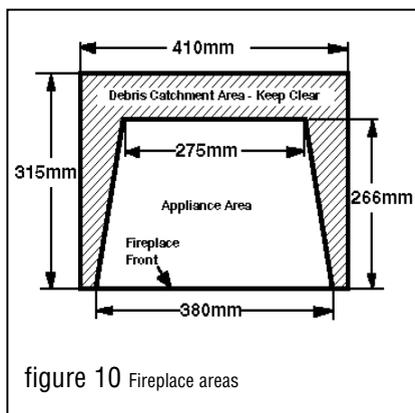


4. THE FIREPLACE

- 4.1 INSTALLATIONS NOT REQUIRING OPTIONAL SPACING KIT 617K

4.1.1 Fireplace size

The fireplace must comply with the requirements described in section 2.2. This will probably entail removing the fireback and infill material behind the fireback. The debris catchment area shown in figure 10 must be kept clear of obstructions.



4.1.2 Fireplace general condition

The fireplace floor should be reasonably flat to ensure that the convection box can be installed without it rocking and so that a good seal can be made at the bottom front of the box. The front face of the fireplace should be reasonably flat over the area covered by the convection box top and side flange seals to ensure good sealing. These faces should be made good if necessary. If the appliance is to be fitted against a wall with combustible cladding, the cladding must be removed from the area covered by the fire front surround (see figure 5). We suggest that the actual fire front is used as a template to mark the area for combustible cladding removal.

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4.1.3 **Soundness for appliance attachment**

Two primary methods of retaining the appliance are provided:-

- 1) By fixing to the fireplace front surround.
- 2) Using concealed tension cables fixed to the rear of the fireplace opening together with secondary fixing to the fireplace floor.

The methods are detailed in section 7 of this manual. Before selecting the retention method, consult with the customer.

Method 2 is provided for instances where drilling holes in the front surface of the fireplace surround is unacceptable to the customer or otherwise impractical. N.B. It is unwise to attempt to drill into marble without the proper tools and equipment. If method 1 is chosen, make sure that the front surround area is sound enough to take the rawlplugs and woodscrews. If necessary, make sound with a suitable cement. If method 2 is chosen, make sure that the areas at the back and towards the centre of the fireplace floor are sound enough to take the eyebolts and screws. If these areas have deteriorated due to prolonged use, they should be made sound with a suitable cement.

4.1.4 **Installations using a metal flue box**

The whole of the top surface of the metal flue box must be covered with a 100mm layer of mineral wool or equivalent insulation (see figure 2).

4.2 **INSTALLATIONS REQUIRING SPACING KIT 617K**

The Valor accessory kit 617K must be used for all installations described in section 2.3 of this manual. Full instructions for its installation are included with the kit.

4.3 **FIREPLACE FLUE PULL**

After preparing the fireplace, carry out the flue flow test as detailed in BS5440: Part 1. Note - A 13 gramme smoke pellet will generate the required volume of smoke, anything smaller may give a false pass result.

Observe the smoke. If there is a definite flow into the opening continue with the installation. If there is not a definite flow, preheat the chimney for ten minutes and recheck. If there is still no definite flow, the chimney may need attention. ***Do not fit the appliance. Seek expert advice.***

5. GAS SUPPLY PIPE

A nut and olive are provided for an 8mm pipe inlet connection to the elbow at the bottom front of the appliance. The elbow can be rotated to allow a connection from any direction. The elbow includes a valve for isolating the gas supply.

The supply pipe must be rigid material. Flexible pipe must not be used.

5.1 **CONCEALED SUPPLY PIPE CONNECTION**

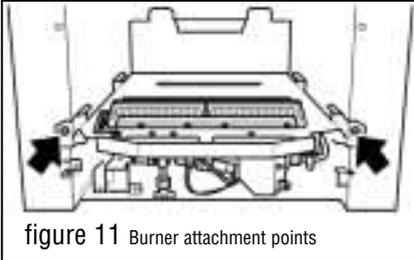
If a concealed connection from inside the fireplace is required then, **before the appliance is fitted into the fireplace** it will be necessary to extend the supply line so that it will project through the sealed opening at the back of the convection box and run to the elbow at the front. If the installation includes the optional spacing kit 617K, the kit and surround should be installed before extending the supply line. The pipe run from the supply line up to the rear opening in the convection box must be kept away from the area which will be taken by the convection box when it is installed (See figure 10).

Note that the centre of the appliance inlet elbow is 25mm above the fireplace floor. The inlet elbow should be removed from the appliance and fitted to the supply pipe at this stage.

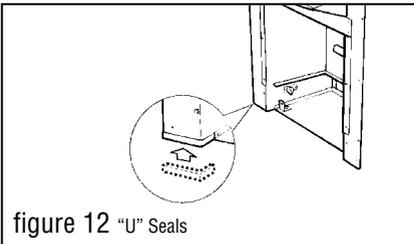
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6. PREPARING THE APPLIANCE FOR INSTALLATION

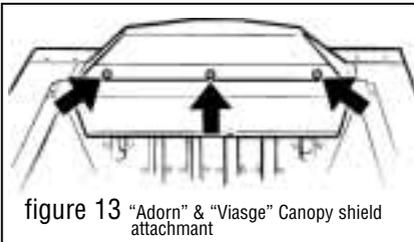
- 6.1** Detach the burner unit from the convection box by removing two screws (see figure 11). Lift the burner unit clear.



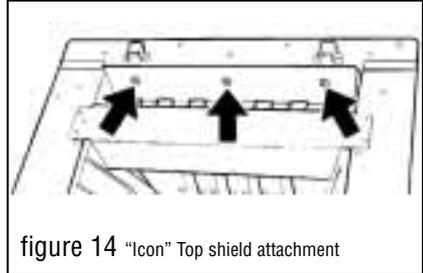
- 6.2** Fit the two “U” section seals to the bottom edges of the convection box side flanges. The seals should cover the front edges and the side edges up to where they meet the convection box base (see figure 12).



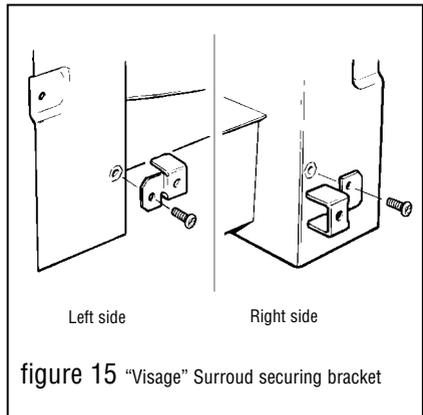
- 6.3** “Adorn” & “Visage” Fronts
Attach the canopy shield to the convection air outlet aperture using the three tapping screws supplied in the fire front pack (see figure 13).



- 6.4** “Icon” Front
Attach the top shield to the convection air outlet aperture using the three tapping screws supplied in the fire front pack (see figure 14).



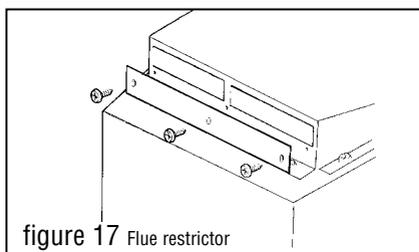
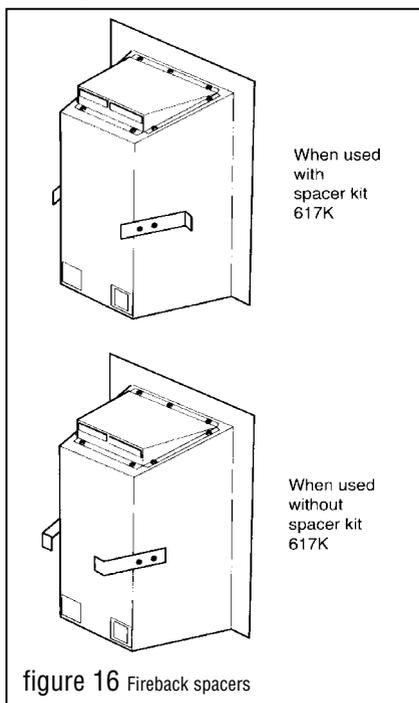
- 6.5** “Visage” front only
Fit the two surround securing brackets to the convection box side flanges with the screws supplied. Note the different orientation of the brackets at left and right sides - See figure 15.



- 6.6** For Concealed Connection Only
Cut a slit in the seal at the back of the convection box. The seal must envelop the pipe. Do not slit the seal unless the supply pipe is to pass through it.

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- 6.7 The appliance is supplied with two fireback spacers extending backwards to ensure sufficient clearance from the back of the fireplace when installed without the spacer kit 617K. If the appliance is being installed with the spacer kit, reverse the fireback spacers. This will give the minimum rear clearance required when used with the spacer kit (see figure 16). ***If the kit is not used do not reverse the fireback spacers. Never totally remove the spacers.***



- 6.8 This appliance is supplied with a flue restrictor for use where the flue draught is excessive. The restrictor must NOT be fitted where a precast flue or a flue liner is used. For all other installations the restrictor should be fitted. There may however, be certain exceptional circumstances where fitting the restrictor causes the fire to fail the spillage test. In such cases the restrictor will have to be removed. After removal conduct the spillage check again. The restrictor is packed loose with the appliance and is fixed with three screws (See figure 17).

7. CONVECTION BOX INSTALLATION

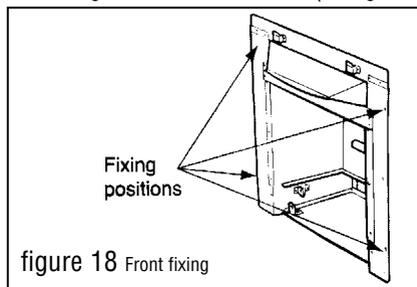
7.1 INSTALLATIONS WITHOUT SPACER KIT 617K

7.1.1 Method 1 - Front fixing to fireplace surround

Make sure that the fixing area is satisfactory - see section 4 of this manual.

- 7.1.1.1 Place the convection box centrally in the fireplace in the position in which it is to be permanently installed. If a concealed connection is being used, insert the convection box into the fireplace feeding the supply pipe through the slit in the rear seal.

- 7.1.1.2 Mark the fireplace front surround through the four fixing holes in the side flanges of the convection box (see figure 18).



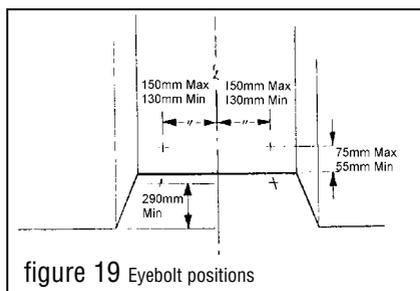
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- 7.1.1.3 Remove the convection box. Drill four holes in the fireplace front surround at the marked positions using a no.12 masonry drill.
- 7.1.1.4 Insert a rawplug into each hole.
- 7.1.1.5 Place the convection box back in position in the fireplace.
- 7.1.1.6 Fit a woodscrew through each hole in the convection box flanges and tighten to seal the box to the fireplace surround.

7.1.2 Method 2 - Cable retention and floor fixing

- 7.1.2.1 Drill two holes in the rear wall or floor of the fireplace for the eyebolt plugs. The holes should be drilled within the range of positions shown in figure 19 using a no.12 masonry drill. The holes should be equidistant each side of the centre line of the fireplace to ensure that the appliance finishes centrally in the opening when tension is applied to the cables.

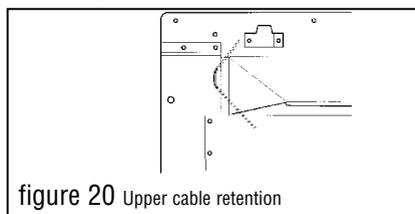
- 7.1.2.2 Insert a fibre plug into each hole. Use the rawplugs supplied with this appliance - **Never use plastic plugs instead of the fibre plugs supplied.** Screw the eyebolts into the plugs. Make sure that the bolts are secure.



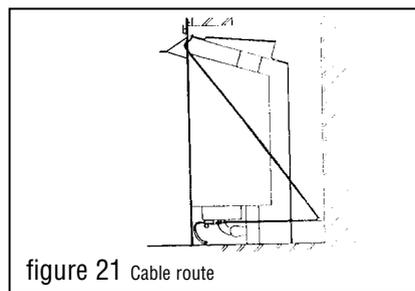
- 7.1.2.3 Place the convection box unit close to the fireplace but allow sufficient access into the fireplace opening so that the cables can be threaded through the eyebolts and returned through the back of the convection box.
If a concealed connection is being used,

insert the convection box into the feeding the supply pipe through the slit in the rear seal.

- 7.1.2.4 The convection box has two holes at each side of the convected air opening. Insert one end of each cable (one cable each side) from the back through the lower of the two holes and return the end through the upper of the holes (see figure 20). Give the cables a pull so that they grip against the convection box flanges.



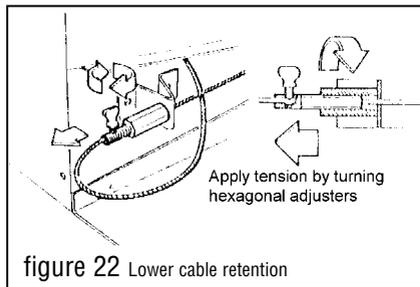
- 7.1.2.5 Thread the cables through the eyebolts in the rear wall. Return the cables through the holes near the bottom of the convection box back panel and through the "V" shaped brackets near the bottom front sides of the convection box (see figure 21).



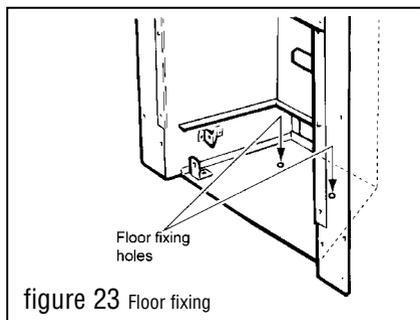
- 7.1.2.6 Place the convection box fully back into the fireplace opening so that it is sealed against the fireplace front surround.
- 7.1.2.7 Fit a cable retainer over the bottom end of each cable.
- 7.1.2.8 Pull each cable taut. Push the cable retainers hard up against the "V" brackets.

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Tighten the screws in the retainers so that they clamp the cables in position. Apply tension to the cables by turning the hexagonal adjusters by hand (see figure 22).



- 7.1.2.9** Drill a hole into the fireplace floor through each of the two holes in the base of the convection box, using a no.12 masonry drill (see figure 23).



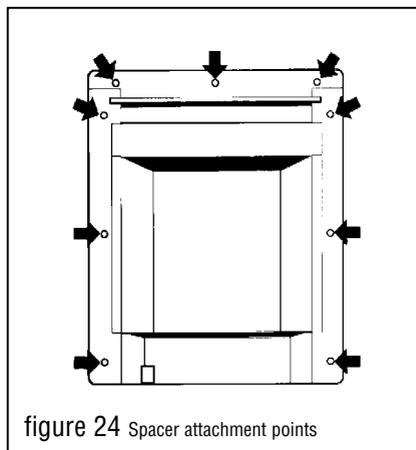
- 7.1.2.10** Insert a fibre plug into each hole. Use the rawlplugs supplied with this appliance - **Never use plastic plugs instead of the fibre plugs supplied**. Fit a woodscrew in each plug and tighten.
- 7.1.2.11** Inspect the fit of the convection box to the fireplace surround. If it is aligned squarely and the sealing is satisfactory, fully tighten the cable retainers.
- 7.1.2.12** If the convection box is not correctly aligned, release the tension on the cables by slackening the screws and turning the hexagonal adjusters fully anticlockwise. The convection box

should then automatically realign itself. Pull each cable taut again and push the cable retainers back against the "V" brackets. Again, tighten the screws in the retainers and apply tension to the cables by turning the hexagonal adjusters clockwise as far as possible.

- 7.1.2.13** Push the free length of the cables inside the convection box so that they are available to allow easy removal and refitting of the appliance during subsequent service calls.

7.2 INSTALLATIONS WITH SPACER KIT 617K

- 7.2.1** There are 9 indented positions on the front flanges of the convection box. Drill a 5.5mm hole through each indent (see figure 24).

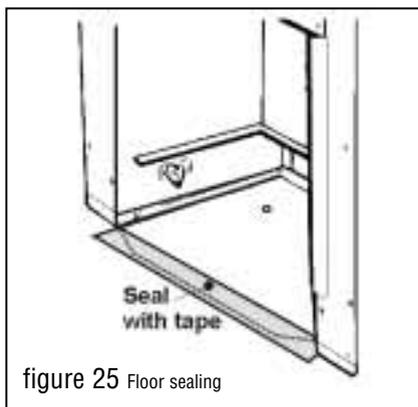


- 7.2.2** Place the convection box unit into the installed spacer kit opening. Align the 9 drilled holes with the holes in the spacer unit sides and top. If a concealed connection is being used, make sure that the supply pipe enters the convection box through the slit in the rear seal.
- 7.2.3** Attach the convection box to the spacer unit with the 9 machine screws supplied.

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7.3 ALL INSTALLATIONS

Important - Seal The Floor Front Using the floor sealing tape supplied, seal the bottom of the convection box to the fireplace and hearth floor (see figure 25). **Make sure that the whole length of the front edge of the convection box is fully sealed.**



8. BURNER INSTALLATION

8.1 Refit the burner unit to the convection box with two screws.

8.2 Connect the supply line to the appliance.

8.3 Pressure check the installation pipework for gas soundness in accordance with the current edition of BS6891.

8.4 Preliminary burner checks

Some burner operations can be checked at this stage. Checking now will mean that less disassembly will be required if any problems are found. **A full check should still be made, however, after final installation.**

8.4.1 If closed, open the isolating valve at the inlet elbow.

8.4.2 Rotate the control pivot bracket clockwise as far as it will go and hold in this position (see section 3.1.2 & figure 8). This should close the ignition circuit and (now that the gas is connected)

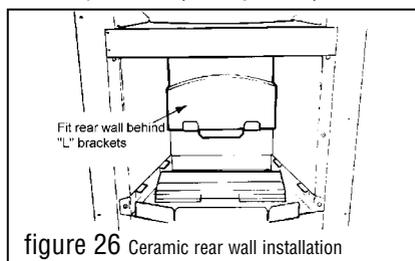
simultaneously open the gas tap allowing the gas to flow to the pilot. Wait a few seconds while the air is purged. The electronically generated sparks should light the pilot. The pilot should then light the main burner at its low setting. There may be a delay of up to four seconds between the pilot lighting and ignition of the gas at the main burner. This is normal and is due to the time required to fill the main burner compartment with sufficient gas for ignition.

8.4.3 When the burner is operating properly, gradually turn the control pivot bracket anti-clockwise. The burner flames should gradually increase until the pivot bracket is nearly at its furthest anti-clockwise rotation. Rotating further until the pivot bracket comes to a stop should then turn the burner and pilot off. **When the above checks have been completed close the isolating valve on the inlet elbow.**

8.4.4 If the above checks are satisfactory, continue with the installation. If not, check the control and ignition circuitry and components as described in the servicing section of this manual.

9. CERAMIC WALLS INSTALLATION

9.1 Fit the ceramic rear wall inside the "L" brackets on the back face of the burner compartment. Push the ceramic wall flat against the back face of the burner compartment (See figure 26).



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9.2 *The ceramic sidewalls can be installed in two alternative arrangements:*

- a) *With the brick pattern visible - Fit the wall stamped "A" at the right side and the wall stamped "B" at the left side.*
- b) *With the plain wall surfaces visible - Fit the wall stamped "B" at the right side and the wall stamped "A" at the left side.*

Find out which arrangement the customer requires. Explain that the customer can not alter the wall arrangement after the front casting is installed.

Fit the ceramic sidewalls against the side faces of the burner compartment. The bottom edges of the walls should rest on the ledges at the sides of the fire box and the top of the walls should locate in the space between the black cross member and the side walls of the burner compartment (See figure 27).

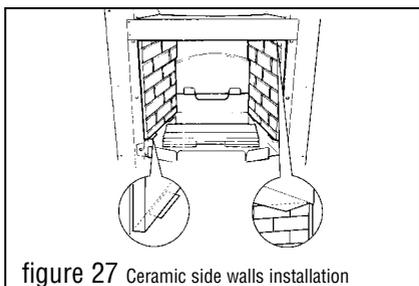


figure 27 Ceramic side walls installation

10. FRONT SURROUND & CONTROL LINKAGE INSTALLATION

- 10.1 Remove the tape securing the control linking bar to the front surround. Slide the control button upwards as far as it will go. Make sure that the bottom of the linking bar is higher than the bottom of the front surround.
- 10.2 Carefully lift the front surround. ***Do not lift it by the control button.***

10.2.1 "Adorn" Surround

Place the front casting against the fireplace front surface so that the retaining strip at the back of the casting is above the two upper retaining brackets at the top of the convection box. Lower the casting making sure that the rear retaining strip locates fully over the retaining brackets on the convection box (See figure 28). If the inlet pipe runs along the front of the fireplace, the bottom of the casting will have to be swung forwards to clear the pipe while lowering the casting. Swing the bottom control linking bar towards the centre of the fire to clear the front casting. Slide the front casting sideways, if necessary, to align the bottom fixing holes with those in the convection box. Fix the bottom of the casting to the convection box with two screws (See figure 29).

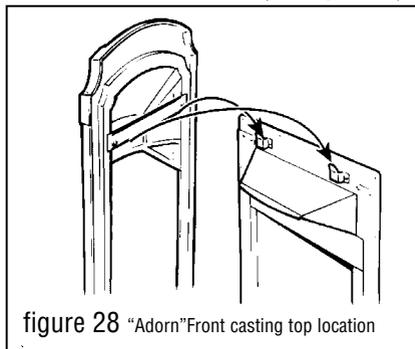


figure 28 "Adorn" Front casting top location

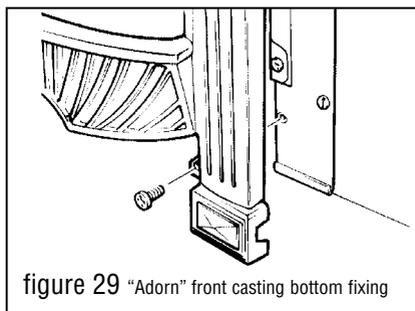


figure 29 "Adorn" front casting bottom fixing

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10.2.2 "Visage" Surround

Place the front surround against the fireplace front surface so that the two retaining plates at the back of the surround are directly above the two upper retaining brackets at the top of the convection box. Lower the surround unit making sure that the retaining plates locate fully over the brackets on the convection box (See figure 30). Swing the bottom control linking bar towards the centre of the fire to clear the right side of the surround. Slide the surround unit sideways, if necessary, to align the bottom fixing holes with those in the convection box. Fix the bottom of the surround unit to the convection box with two screws (See figure 31).

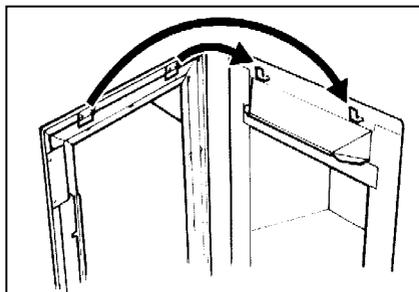


figure 30 "Visage" Front surround top location

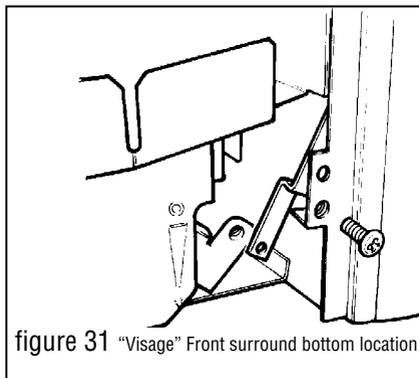


figure 31 "Visage" Front surround bottom location

10.2.3 "Icon" Surround

Place the front surround against the fireplace front surface so that the two retaining plates at the back of the surround are directly above the two upper retaining brackets at the top of the convection box. Lower the surround unit making sure that the ears on the surround retaining plates locate fully over the sides of the convection box brackets. (See figure 32). Swing the bottom control linking bar towards the centre of the fire to clear the right side of the surround. Fix the bottom of the surround unit to the convection box with two screws (See figure 33).

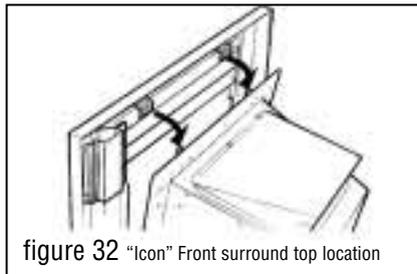


figure 32 "Icon" Front surround top location

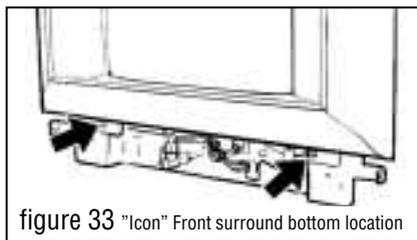


figure 33 "Icon" Front surround bottom location

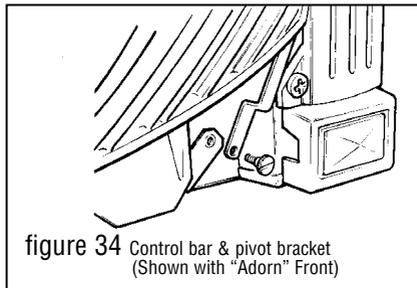


figure 34 Control bar & pivot bracket
(Shown with "Adorn" Front)

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10.3 All Surrounds

Align the hole near the bottom of the control linking bar with that in the control pivot bracket. Join them with the knurled shouldered screw (See figure 34). Make sure that the isolating valve is closed. Slide the control button fully from top to bottom and back to make sure that the slide and pivot mechanisms move smoothly. Note that some resistance should be felt when the slide button reaches the "burner fully on" position.

11. CERAMIC COALS INSTALLATION

11.1 Place the ceramic base coal in the burner compartment. The bottom rear face of the coal should rest on the angled ledge at the back of the burner compartment. The bottom front recessed edge of the coal base should locate against the step in the burner plaques (See figure 35).

(Installer - Note that the small round holes in the burner plaques which will be covered by the base coal are not gas burner ports. They are simply a consequence of the plaque manufacturing process).

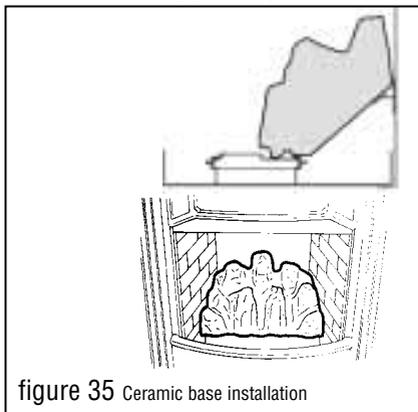


figure 35 Ceramic base installation

11.2 Place the ceramic front coal in position in front of the base coal. Make sure that the side legs of the front coal are fully seated into the burner tray. There will be a gap between the rear of the front coal and the front of the base coal (See figure 36).

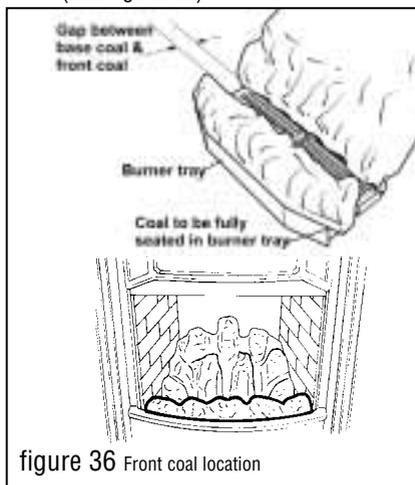


figure 36 Front coal location

11.3 Install the 11 loose coals as follows. There are 2 small coals, 8 medium size coals and 1 large coal. The large coal has an arrow embossed in it.

Place all the loose coals so that they are firmly seated in the valleys in the coal base and front coal.

11.3.1 Place 4 of the medium size coals in the valleys of the front coal (See figure 37).

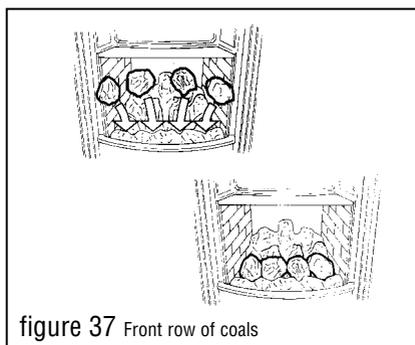
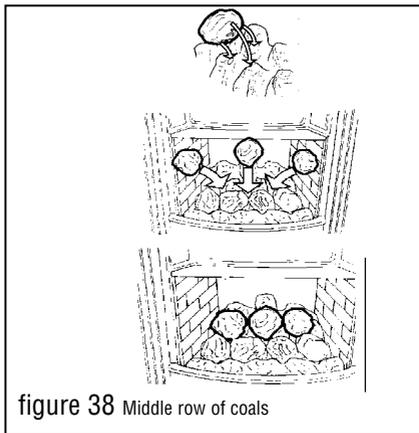


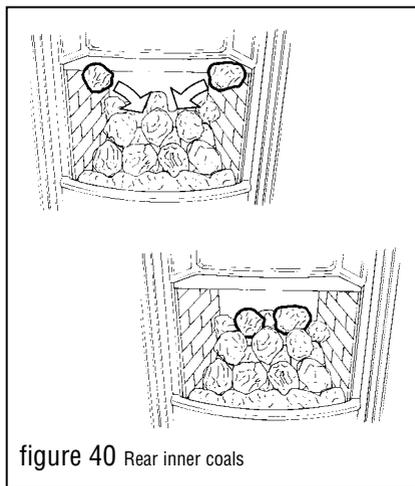
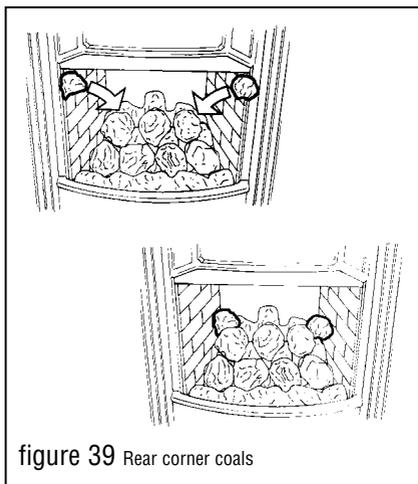
figure 37 Front row of coals

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11.3.2 Place a medium size coal behind and approximately midway between the two front loose coals which are to the left of centre. Similarly place another medium size coal behind and between the loose coals which are to the right of centre. Then, Place the large loose coal between these two with the arrow underneath and pointing to the back. See figure 38.



11.3.3 Place the two small loose coals near the rear corners of the burner compartment and touching the sidewalls (See figure 39).



11.3.4 Place the remaining two medium size coals at the back of the burner compartment and between the two small loose coals (See figure 40).

12. FULL OPERATING CHECKS

12.1 CHECK THE **FireSlide** CONTROL

The control position markings on the front surround are shown in figure 41 Please note

1. When first turned on from cold, the flames will appear predominantly blue.
 2. When operating the fire for the first time, some vapours may be given off which could set off smoke alarms in the vicinity. These vapours are quite normal with new appliances. They are totally harmless and will disappear after a few hours use.
- 12.1.1** Make sure the slider button is at the off position (at topmost position marked "O" on the front surround).
- 12.1.2** Open the isolating valve on the inlet elbow.
- 12.1.3** Slide the button to the bottom (ignition) position marked . Retain in this position to ignite the pilot. The burner should ignite at its lowest setting within

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4 seconds of the pilot igniting. Keep at this position for a further 10 seconds to allow the pilot flame to stabilise.

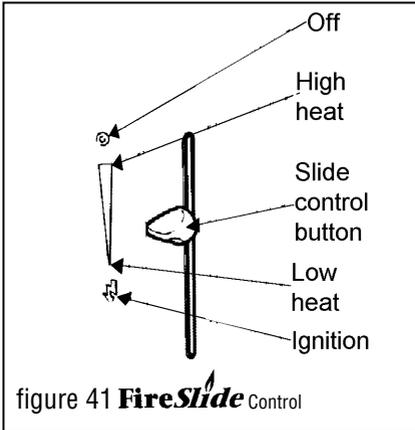


figure 41 FireSlide Control

- 12.1.4** Release the button. The button should automatically spring up to the low heat position. If the flames go out at this stage or when checking the rest of the setting positions, try the full lighting sequence again. If the flames fail after two attempts, investigate the pilot unit.

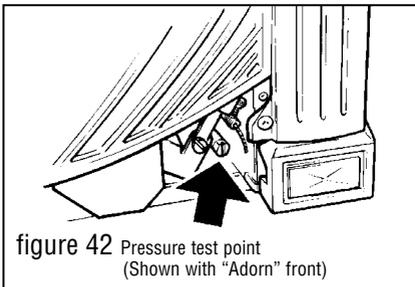


figure 42 Pressure test point
(Shown with "Adorn" front)

- 12.1.5** Gradually slide the button up to increase the burner setting. The burner should be at its maximum setting at the high heat position shown in figure 41. You should feel a check to the button movement at this position.
- 12.1.6** Slide the control button up past the high heat position to the off ("O") position at the top of the slide slot. Both pilot and

main burner should go out. While cooling the coals may make some crackling noises. This is quite normal.

12.2 CHECK REFERENCE PRESSURE

The appliance is pre-set to give the correct heat input at the inlet pressure shown in section 1 of this manual. No adjustment is necessary. Check the burner pressure by fitting a pressure gauge at the test point. The test point is on the pipe situated below the bottom right corner of the burner unit (See figure 42). Check the pressure with the appliance alight and set at maximum output.

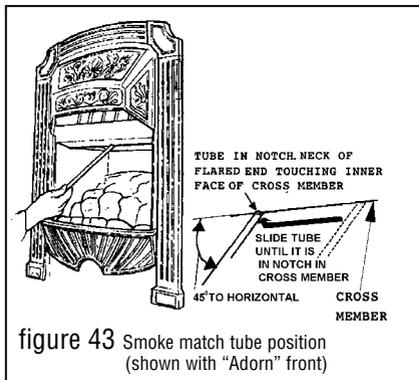
After checking, turn off the appliance. Remove the pressure gauge and replace the test point sealing screw. Relight the appliance. Turn to the maximum output position and test around the sealing screw for gas soundness with a suitable leak detection fluid.

12.3 SPILLAGE CHECK

A spillage check must be made before leaving the installed appliance with the customer. Make this with all the ceramic coals in position.

- 12.3.1** Close all doors and windows in the room containing the appliance.
- 12.3.2** Light the appliance and set the slide control to the maximum burning position.
- 12.3.3** Leave the appliance on for five minutes.
- 12.3.4** Place the smoke match tube into the convection box at the right hand side and immediately below the black top cross member. Angle it at approximately 45° to the horizontal. Insert the tube so that the neck of its flared end touches the inside surface of the edge of the cross member (figure 43). Keeping the neck of flared end in contact with the edge of the cross member, slide the tube to the left until you feel it enter the notch in the edge of the cross member. Make sure that the

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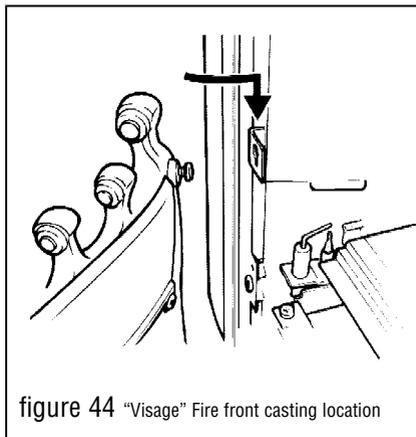
tube is pointed upwards at 45° to the horizontal.

The installation is satisfactory if the smoke is drawn into the appliance. If the smoke is not drawn into the appliance, leave the appliance alight at the maximum setting for a further ten minutes and then repeat the test. If the smoke is still not drawn into the appliance, inspect the sealing to the fireplace surround. If the sealing is satisfactory but the appliance is installed with the flue restrictor (see section 6.8), remove the restrictor, reseal the appliance and retest. If smoke is still not drawn into the appliance **disconnect the appliance and seek expert advice.**

- 12.3.5** If the above test is satisfactory, open all internal connecting doors, hatches, etc. in the room. Keep all doors and windows that open to the outside of the building closed. Switch on any extractor fan installed in the same room as the appliance or a connecting room. Open all doors and other openings between the fan and the appliance. Recheck for spillage as above. If the smoke is drawn into the appliance, continue with the installation. If the test is not satisfactory, **disconnect the appliance and advise the customer of the cause of failure.**

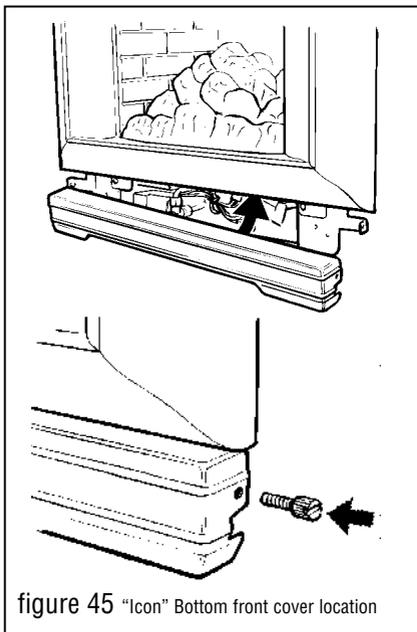
13. SERVICING & PARTS REPLACEMENT

- 13.1** "Adorn" Front
Place the bottom front cover in position below the front casting bridge.
- 13.2** "Visage" front
13.2.1 Fit the fire front casting to the front surround. Locate the two screw heads at the rear top corners of the casting through the keyhole slots at the inner sides of the surround. If the screw heads do not project enough or project too far, the screws can be adjusted. Lower the casting so that it rests on the hearth (see figure 44).



- 13.2.2** Place the bottom front cover casting in position below the fire front casting.
- 13.3** "Icon" Front
Locate the top flanges of the bottom front cover behind the bottom edge of the front surround. Fix the sides of the cover to the surround bottom corner brackets with the two knurled screws provided (See figure 45).

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- 14.6 Advise the customer that the appliance will operate to its maximum potential if the flue is primed during the first 20 to 30 minutes of use. To do this, simply slide the control to its highest setting. This will also burn off any carbon deposits that may have formed during previous use. If using 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 use. This is explained in the Owner's manual under the section 'Operating the Fire'.
- 14.7 Advise the customer how to operate the appliance. Point out that lighting instruction details are contained on the metal plate chained to the bottom of the appliance (leave the plate visible in front of the bottom front cover as a reminder).
- 14.8 Recommend that the appliance should be serviced and the chimney inspected by a competent person at least annually.
- 14.9 Hand these instructions and the user's instructions to the customer.

14. FINAL REVIEW

- 14.1 Recheck the operation of the fire at all control positions.
- 14.2 Visually inspect the appliance. Clean off any marks incurred during installation.
- 14.3 If a gap is visible between the inner sides of the front surround and the ceramic sidewalls, gently slide the walls forward.
- 14.4 Advise the customer that they should read their Owner's guide before operating the fire and always follow the advice in the section headed "Cleaning your fire".
- 14.5 ***Stress that no extra coals must be added over and above those supplied with the appliance and that any replacements must only be the authorised spares. Warn that ignoring this advice could cause incomplete clearance of the products of combustion with consequent health hazards.***

15. SERVICING & PARTS REPLACEMENT

- ***Always turn off the gas supply before commencing any servicing (The inlet elbow for this appliance incorporates an isolating valve).***
- ***This product uses fuel effect pieces, burner compartment walls and gaskets containing Refractory Ceramic Fibres (RCF), which are man-made vitreous silicate fibres. Excessive exposure to these materials 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. To ensure that the release of fibres from these RCF articles is kept to a minimum, during installation and servicing we***

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recommend that you use a HEPA filtered vacuum to remove any dust and soot accumulated in and around the fire before and after working on the fire. When replacing these articles we recommend that the replaced items are not broken up, but are sealed within a heavy duty polythene bag, clearly labelled as RCF waste. This is not classified as "hazardous waste" and may be disposed of at a tipping site licensed for the disposal of industrial 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.

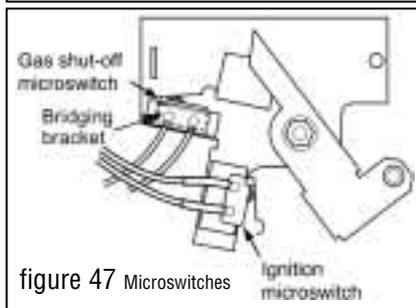
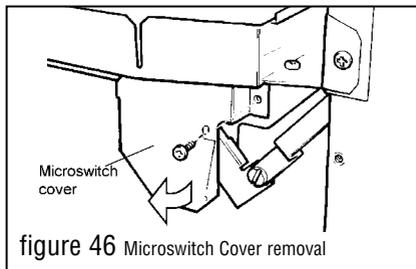
- Check that the appliance is clean and that soot or debris is not blocking the gaps between the coals causing an imperfect flame.
- Check that soot or debris is not impairing the electrode spark or pilot burner.
- Check that soot or debris is not blocking any of the slots in the main burner.
- After servicing, make sure that the ceramic walls and coals are replaced correctly as described in the installation instructions.
- **Always test for gas soundness and spillage after servicing the appliance.**

15.1 TO REMOVE THE IGNITION MICROSWITCH (Figures 46 & 47)

The ignition microswitch is stamped V4NT9C4YC

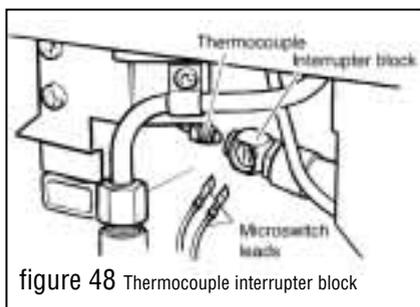
- 15.1.1 Remove the bottom front cover.
- 15.1.2 Detach the microswitch cover by removing one screw and pulling clear of the location lug (see figure 46).
- 15.1.3 Disconnect the leads from the ignition microswitch (The lower of the two microswitches - See figure 47).

- 15.1.4 Detach the microswitch and insulation pad by removing two screws.
- 15.1.5 Replace in the reverse order. Check that the microswitch operates correctly by fully closing it and observing that there are sparks at the pilot electrode.



- 15.2 **TO REMOVE THE GAS SHUT-OFF MICROSWITCH (Figures 46, 47 & 48)**
The gas shut-off microswitch is stamped V4NT9C2YCGPX or V4NT9C2YCAUX.
- 15.2.1 Remove the bottom front cover.
- 15.2.2 Detach the microswitch cover by removing one screw and pulling clear of the location lug (see figure 46).
- 15.2.3 Loosen the thermocouple nut to free the microswitch leads and pull the leads clear of the thermocouple interrupter block (see figure 48).
- 15.2.4 Detach the bridging bracket, microswitch assembly and insulation pad by removing two screws (see figure 47).
- 15.2.5 Replace in the reverse order. When refitting the leads to the interrupter block, make sure that they are secured

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15.3 TO REMOVE THE FIRE FRONT

15.3.1 "Adorn" Front

15.3.1.1 Remove the bottom front cover casting.

15.3.1.2 Detach the control linking bar from the control pivot bracket by removing the knurled screw (See fig. 34).

15.3.1.3 Remove the two screws securing the bottom of the casting to the sides of the convection box (See fig.29).

15.3.1.4 **Make sure that the control linking bar has been detached (see 15.3.1.2).**

Carefully lift the casting upwards to clear the upper retaining brackets on the convection box (See fig. 28). Pull the casting clear and place carefully aside.

15.3.1.5 Refit in the reverse order. Make sure that the casting is properly located over the upper retaining brackets. See section 10 of this manual for detailed fitting instructions.

15.3.2 "Visage" Front

15.3.2.1 Remove the bottom front cover casting.

15.3.2.2 Lift the fire front casting up and forward to release the locating screw heads at the back of the casting from the keyholes in the surround sides (See fig. 44). Lift the casting clear.

15.3.2.3 Detach the control linking bar from the control pivot bracket by removing the knurled screw (See fig. 34).

15.3.2.4 Remove the two screws securing the bottom of the front surround to the

sides of the convection box (See fig. 31).

15.3.2.5 **Make sure that the control linking bar has been detached (see 15.3.2.3).**

Carefully lift the surround unit upwards to clear the upper retaining brackets on the convection box (See fig. 30). Pull the surround clear and place carefully aside.

15.3.2.6 Refit in the reverse order. Make sure that the surround is properly located over the upper retaining brackets. See section 10 of this manual for detailed fitting instructions.

15.3.3 "Icon" Front

15.3.3.1 Detach the bottom front cover by removing the two knurled screws (See fig. 45).

15.3.3.2 Detach the control linking bar from the control pivot bracket by removing the knurled screw (See fig. 34).

15.3.3.3 Remove the two screws securing the bottom of the front surround to the convection box (See fig. 33).

15.3.3.4 **Make sure that the control linking bar has been detached (see 15.3.3.2).**

Carefully lift the surround unit upwards to clear the upper retaining brackets on the convection box (See fig. 32). Pull the surround clear and place carefully aside.

15.3.3.5 Refit in the reverse order. Make sure that the surround is properly located over the upper retaining brackets. See section 10 of this manual for detailed fitting instructions.

15.4 TO REPLACE THE CONTROL SLIDE BUTTON ("VISAGE" & "ICON" ONLY)

15.4.1 Remove the front unit - See section 15.3

15.4.2 Detach the rear shield plate by removing two screws ("Visage") or four screws ("Icon") from the rear right side of the front surround (See fig. 49).

15.4.3 Remove the two screws securing the slide button to the back of the slide mechanism bar. Raise the button to

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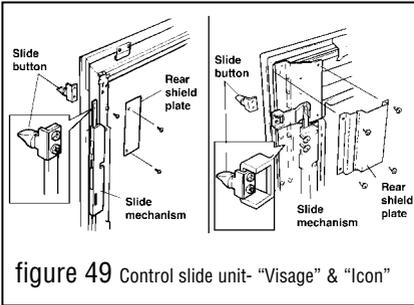


figure 49 Control slide unit- "Visage" & "Icon"

clear the bar and pull through the slot in the surround side (See fig. 49).

- 15.4.4 Refit in the reverse order.
- 15.5 **TO REMOVE THE CONTROL SLIDE UNIT**
- 15.5.1 "Visage" & "Icon"
- 15.5.1.1 Remove the surround unit and slide button - see section 15.4
- 15.5.1.2 Remove two screws securing the plastic slide mechanism box to the rear side of the front casting. Lift the slide unit clear.
- 15.5.1.3 Refit in the reverse order.
- 15.5.2 "Adorn"
- 15.5.1 Remove the front casting - See section 15.3
- 15.5.1 Detach the slide side cover and rear shield by removing two screws from the rear upper side of the front casting (See fig. 50).
- 15.5.2 Remove two screws securing the plastic slide mechanism box to the rear side of the front casting (See fig. 50). Lift the slide unit clear.

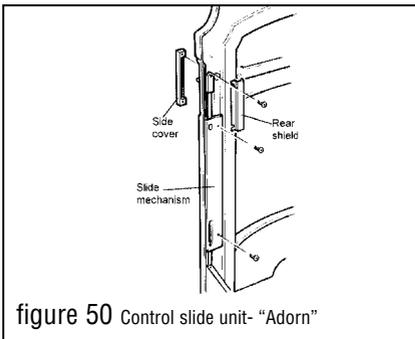


figure 50 Control slide unit- "Adorn"

- 15.5.4 Refit in the reverse order.
- 15.6 **TO REMOVE THE BURNER UNIT**
(See figure 51)
- 15.6.1 Remove the front surround unit- See section 15.3.
- 15.6.2 Remove the 11 loose coals, the front coal and the base coal.
- 15.6.3 Remove the ceramic side and rear walls. Note whether the sidewalls are fitted with the brick pattern or plain surface visible so that they can be replaced in the same manner.
- 15.6.4 Support the inlet isolating elbow to avoid straining the pipework and disconnect the appliance from the elbow.
- 15.6.5 Detach the burner unit from the convection box by removing 2 screws.

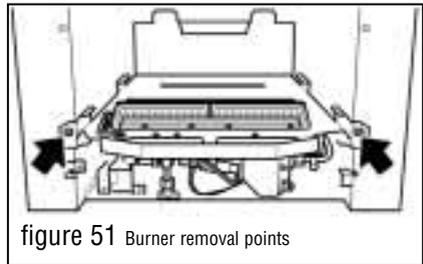
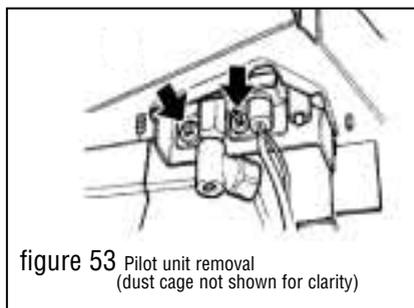
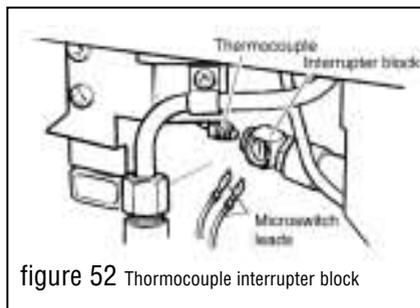


figure 51 Burner removal points

- 15.6.6 Replace in the reverse order.
- 15.7 **TO REMOVE THE ELECTRONIC IGNITION GENERATOR**
- 15.7.1 Remove the bottom front and fire front castings and front surround - see section 15.3.
- 15.7.2 Remove the battery.
- 15.7.3 Remove the burner unit - see section 15.6.
- 15.7.4 Remove the two leads to the switch and remove the spark lead, marking them if Necessary to ensure that they are replaced on to the correct terminals.
- 15.7.5 Remove the two fixing screws that attach the generator unit to the bracket. The igniter generator can now be exchanged.

INSTALLER GUIDE



- 15.7.6** Refit in the reverse order.
- 15.8 TO REMOVE THE THERMOCOUPLE INTERRUPTER BLOCK** (See figure 52)
- 15.8.1** Remove the front surround unit - See section 15.3.
- 15.8.2** Detach the thermocouple from the interrupter block by unscrewing the thermocouple nut.
- 15.8.3** Detach the two microswitch leads from the interrupter block.
- 15.8.4** Remove the interrupter block by unscrewing from the gas shut-off tap.
- 15.8.5** Refit in the reverse order. If the microswitch leads cannot be easily attached to the interrupter block when it is fully tightened to the gas shut-off tap, slacken it and rotate to allow the leads to be fitted. Retighten making sure that the leads remain in place in the interrupter block. Fit and tighten the thermocouple nut making sure that the leads are secured in the interrupter block to give a good electrical contact.
- 15.9 TO REMOVE THE PILOT UNIT** (See figure 53)
- 15.9.1** Remove the burner unit - See section 15.6.
- 15.9.2** Detach the pilot pipe from the gas shut-off tap.
- 15.9.3** Detach the thermocouple from the interrupter block by unscrewing the thermocouple nut.
- 15.9.4** Detach the electrode lead from the underside of the electrode tab.
- 15.9.5** Remove the first screw securing the dust cage to the pilot unit & burner. Carefully remove the dust cage and place aside. See figure 53.
- 15.9.6** Remove the second screw securing the pilot unit to the burner. Remove the pilot unit and place it aside. See figure 53.
- 15.9.7** Disconnect the pilot pipe from the pilot unit elbow.
- 15.9.8** Refit in the reverse order.
- Note** **1 The pilot unit must be replaced as a whole assembly. Its individual components are not separately replaceable.**
- 2. Once removed, ensure that the dust cage is cleaned before refitting. Make sure that it locates squarely onto the pilot unit without any gaps between the cage edges and the pilot unit.**
- 3. When the thermocouple is removed from the interrupter block, the microswitch lead terminals in the interrupter block will be loose. Make sure that they are properly secured to give a good electrical contact when retightening the thermocouple nut**
- 15.10 TO REMOVE THE SHUT-OFF TAP** (See figure 54)
- 15.10.1** Remove the burner unit - See section 15.6.
- 15.10.2** Turn the burner unit upside down. Detach the thermocouple and interrupter block from the tap - See sections 15.8.2 to 15.8.4.

INSTALLER GUIDE

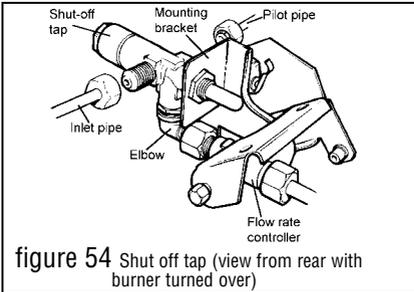


figure 54 Shut off tap (view from rear with burner turned over)

- 15.10.3 Detach the pilot pipe from the tap.
- 15.10.4 Detach the inlet pipe.
- 15.10.5 Remove the hexagonal nut securing the tap to the mounting bracket.
- 15.10.6 Detach the elbow by unfastening the hexagonal nut connecting it to the flow rate controller. Lift the tap (complete with elbow) clear
- 15.10.7 Loosen the hexagonal locknut securing the elbow to the tap. Remove the elbow by rotating it.
- 15.10.8 If fitting a new tap, remove the hexagonal nut at the mounting bracket end of the old tap and fit to the replacement tap. Refit in the reverse order. When refitting, make sure that the tap spindle is in the correct relationship relative to the control pivot bracket. Rotate the pivot bracket fully clockwise. The tap spindle should "bottom out" (i.e. the tap should be fully open) after the pivot bracket has actuated the ignition microswitch but before it has pushed the microswitch leaf against the microswitch body. When refitting the thermocouple and interrupter block, make sure that the microswitch wires are properly secured to give a good electrical contact.

15.11 TO REMOVE THE GAS FLOW RATE CONTROLLER (See figure 55)

- 15.11.1 Remove the burner unit - See 15.6.
- 15.11.2 Detach the microswitch cover - See section 15.1.2.
- 15.11.3 Detach the shut-off tap as detailed in sections 15.10.2 to 15.10.6

- 15.11.4 Detach the burner pipe from the controller. Support the controller while detaching to prevent excessive strain.
- 15.11.5 Remove the nut and washer securing the control pivot bracket to the controller at the front. Support the pivot bracket while removing the nut to prevent possible damage to the microswitch.
- 15.11.6 Remove the hexagonal bolt securing the control pivot bracket to the controller at the rear.
- 15.11.7 Detach the control pivot bracket.
- 15.11.8 Remove the hexagonal nut securing the controller to the front mounting bracket and remove the flow rate controller.

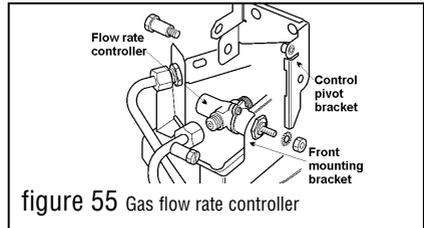


figure 55 Gas flow rate controller

- 15.11.9 Refit in the reverse order.
- 15.12 **TO REMOVE THE MAIN BURNER INJECTOR** (See figure 56)
- 15.12.1 Remove the burner unit - See section 15.6.
- 15.12.2 Disconnect the main burner pipe from the injector at the venturi end. If necessary, loosen the pipe at the flow rate controller end to swing the pipe clear of the injector.
- 15.12.3 Unscrew the injector from the injector carrier which is on the other side of the injector bracket.
- 15.12.4 Refit in the reverse order.

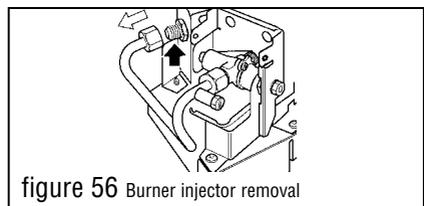


figure 56 Burner injector removal

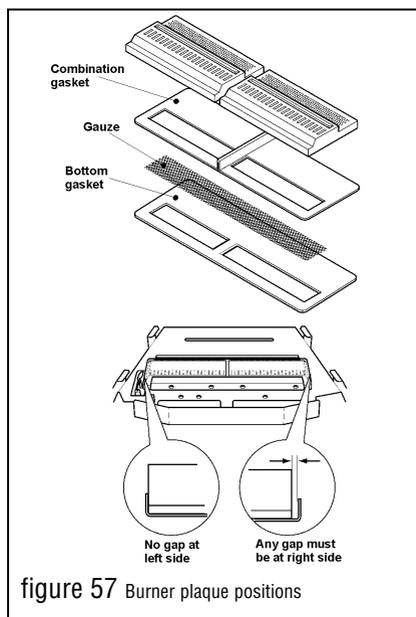
INSTALLER GUIDE

15.13 TO REPLACE BURNER PLAQUES (Fig.57)

- 15.13.1** Remove the 11 loose coals, the front coal and the base coal. The plaques can be then be removed as follows without detaching the front surround or ceramic walls but **be careful not to damage the ceramic walls while working inside the firebox.**
- 15.13.2** Remove the plaque clamping strips by detaching 8 screws.
- 15.13.3** Remove the plaques and the combination gasket between and under the plaques. If necessary remove the gauze and the gasket beneath it.
- 15.13.4** If necessary fit a new gasket below the gauze. Clean and replace the gauze. Fit a new combination gasket below the plaques. Push the gasket ends inwards to form a dividing gasket between the plaques.
- 15.13.5** Place the new left hand plaque in position. The left side of the plaque must touch the inside edge of the retaining flange at the left side of the burner well.
- 15.13.6** Place the new right hand plaque in position. Make sure that the centre section of the combination plaque is between the two plaques. If there is any play between the plaques and the end retaining flanges, push the plaques firmly to the left squeezing the centre section of the combination gasket between the two plaques. Any gap should be between the right side of the plaque and the right side retaining flange.
- 15.13.7** Fit the front and rear plaque clamping strips. Make sure that the plaques are as far to the left as possible. **It is important that the left side plaque is accurately positioned so that it has the correct relationship to the pilot.**
- 15.13.8** Refit the coals as described in the installation instructions.

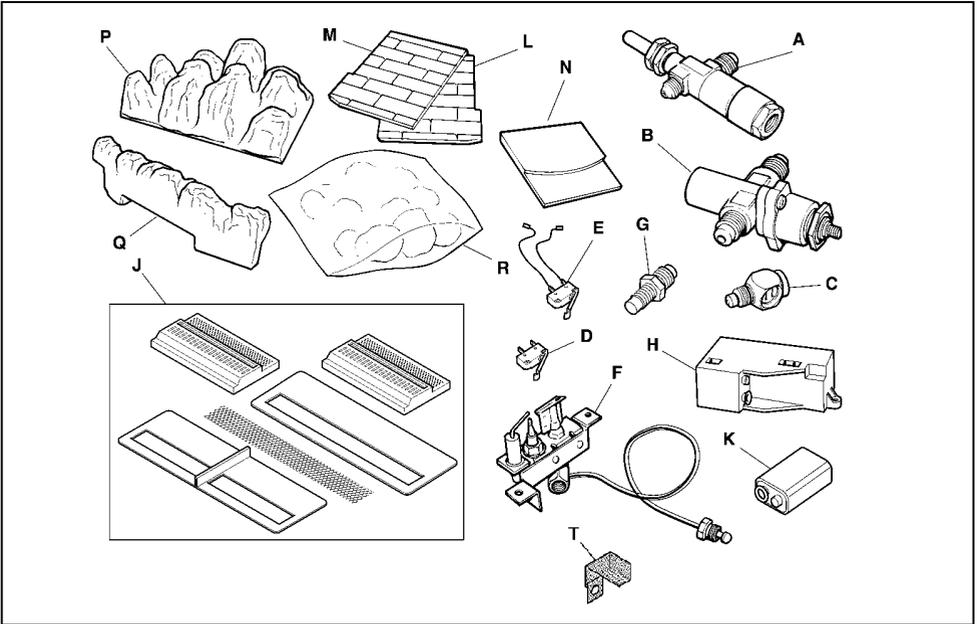
15.14 TO REMOVE THE APPLIANCE FROM THE FIREPLACE

- 15.14.1** Remove the burner unit - See section 15.6.
- 15.14.2** Installations without spacing unit 617K
If the fire retention is as method 1 (See section 7.1.1 of installation instructions), remove the screws.
If the fire retention is as method 2 (See section 7.1.2 of installation instructions), slacken the hexagonal adjusters on the cable retainers and unscrew the thumbscrews to release the cables.
- 15.14.3** Installations with spacing unit 617K
Remove the nine screws securing the appliance to the front of the spacer unit. If the appliance is attached to the fireplace floor, remove the two fixing screws.
- 15.14.4** Refit as described in the relevant installation sections. Make sure gas soundness, sealing, spillage test and performance are satisfactory.



INSTALLER GUIDE

16.SHORT LIST OF SPARES



KEY NO.	DESCRIPTION	NO. OFF	MAKER'S PART NO.
A	Shut-off tap	1	540899
B	Gas flow rate controller	1	540919
C	Thermocouple interrupter block	1	522389
D	Ignition microswitch	1	540959
E	Gas shut-off microswitch	1	540969
F	Pilot unit - For Natural Gas Appliances	1	540979
	Pilot unit - For Propane Gas Appliances		544929
G	Injector Bray cat 31 size 440 - For Natural Gas Appliances	1	569539
	Injector Bray cat 18 size 190 - For Propane Gas Appliances		569419
H	Igniter unit	1	554949
J	Burner plaque & gasket set	1	569549
K	Battery 9V Size "PP3"	1	553389
L	Ceramic side wall "A"	1	541239
M	Ceramic side wall "B"	1	541249
N	Back wall	1	541259
P	Base coal	1	569559
Q	Front coal	1	569569
R	Pack of loose coals	1	541289
T	Dust cage	1	567619



USEFULL TELEPHONE NUMBERS

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

- a) **Your Post Code.**
- b) **Type of fire.**
- c) **Model/Name.**
- d) **Serial Number.**
- e) **The fault, problem or request.**

General advice about gas and your gas fire:

VALOR ADVICELINE 0345 626341.

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

VALOR SERVICE 0121 386 6203.

To order spares or for sales information:

VALOR SALES 0121 386 6260.

CALLERS IN THE REPUBLIC OF IRELAND

Call 0044 121 373 8111

USERS INSTRUCTIONS

5. MAINTENANCE

Battery replacement

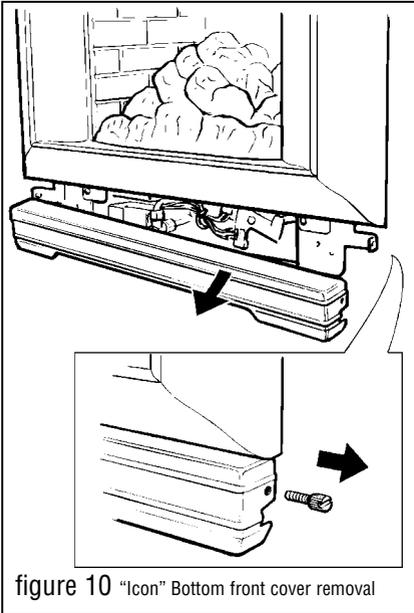
This appliance requires one 9V PP3 Ever Ready Silver Seal (or equivalent) battery.

“Adorn”, “Visage” & Elegant

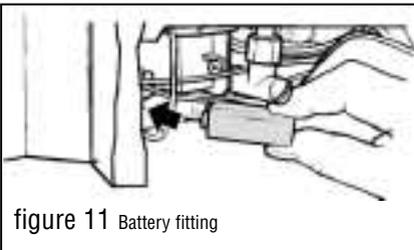
To replace the battery remove the bottom front cover casting .

“Icon”

To replace the battery undo the screws at the sides of the bottom front cover and remove the cover (See figure 10).



Fit the new battery firmly to the connections on the ignition block (See figure 11).



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

- 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 0121 386 6203** and quote the following details;
 - a) - model no.
 - b) - type of front (See figure 1) and colour
 - c) - appliance serial no. (To be found on a plate tied below the burner and behind the bottom front cover)
- If you wish to replace any of the owner replaceable parts listed below, please contact **Valor Sales on 0121 386 6260**

for your nearest stockist of these parts.

Description	Part no.
Base Coal	569559
Front Coal	569569
Pack of 11 Loose Coals	541289

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

USERS INSTRUCTIONS

- 2 Place the ceramic front coal in position in front of the base coal. Make sure that the side legs of the front coal are fully seated into the burner tray. There will be a gap between the rear of the front coal and the front of the base coal (See figure 5).

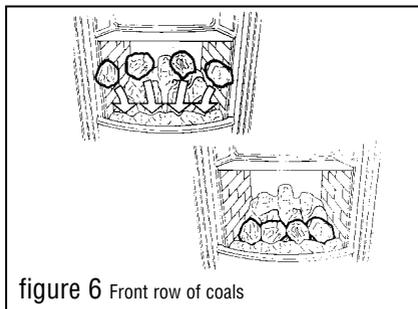


figure 6 Front row of coals

- 3 Install the 11 loose coals as follows. There are 2 small coals, 8 medium size coals and 1 large coal. The large coal has an arrow embossed in it. Place all the loose coals so that they are firmly seated in the valleys in the coal base and front coal.

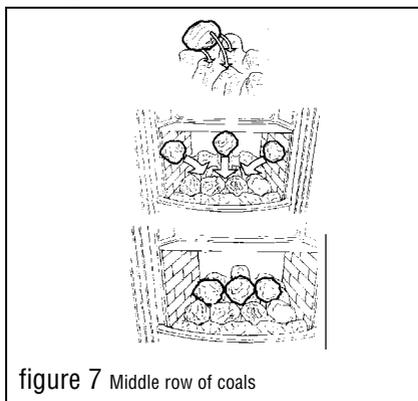


figure 7 Middle row of coals

- 3.1 Place 4 of the medium size coals in the valleys of the front coal (See figure 6).
- 3.2 Place a medium size coal behind and approximately midway between the two front loose coals which are to the left of centre. Similarly place another medium size coal behind and between the loose coals

which are to the right of centre. Then, Place the large loose coal between these two with the arrow underneath and pointing to the back. See figure 7.

- 3.3 Place the two small loose coals near the rear corners of the burner compartment and touching the sidewalls (See figure 8).

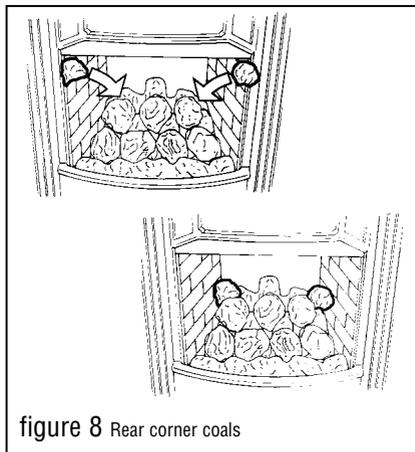


figure 8 Rear corner coals

- 3.4 Place the remaining two medium size coals at the back of the burner compartment and between the two small loose coals (See figure 9).

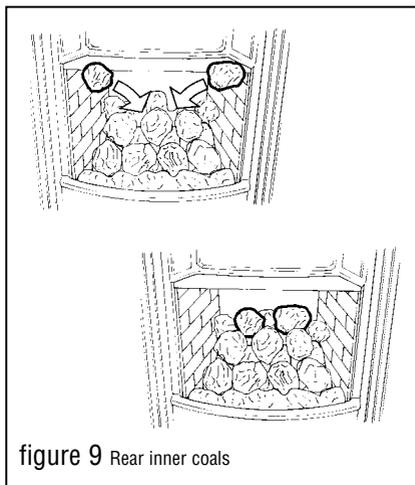


figure 9 Rear inner coals

USERS INSTRUCTIONS

3. 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 walls

This product uses a 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 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.**

4. 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 Valor replacements must be used. Never add extra coals above the number stated in these instructions.*

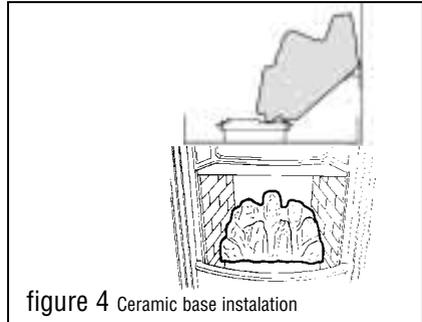


figure 4 Ceramic base installation

- 1 Place the ceramic base coal in the burner compartment. The bottom rear face of the coal should rest on the angled ledge at the back of the burner compartment. The bottom front recessed edge of the coal base should locate against the step in the burner plaques (See figure 4).

(Installer - Note that the small round holes in the burner plaques which will be covered by the base coal are not gas burner ports. They are simply a consequence of the plaque manufacturing process).

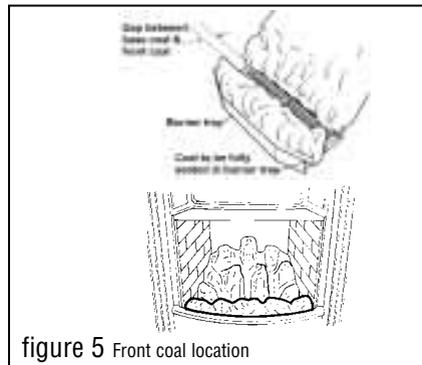


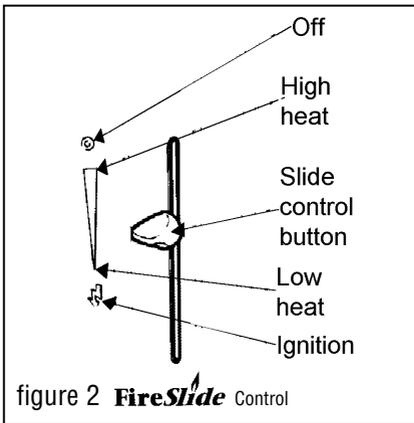
figure 5 Front coal location

USERS INSTRUCTIONS

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 on the previous page.
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.

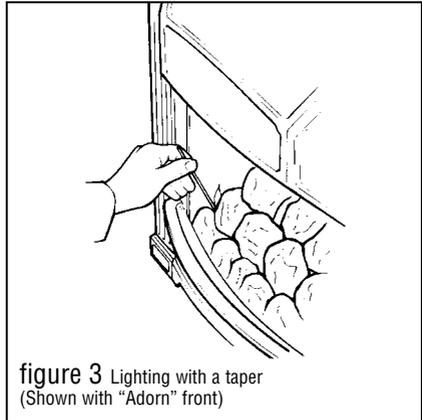
Do not slide the button above the high heat position unless you want to turn the fire off (See note i below).

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 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 "0" position.

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

USERS INSTRUCTIONS

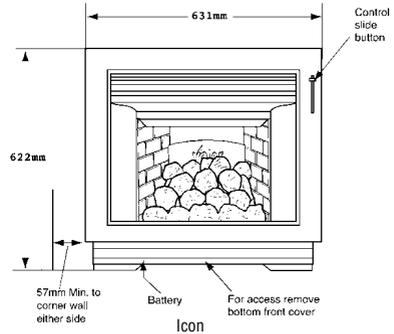
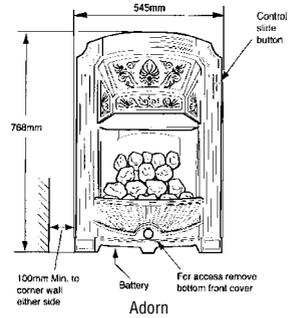
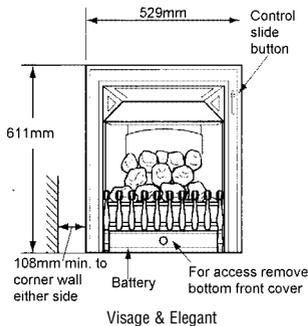
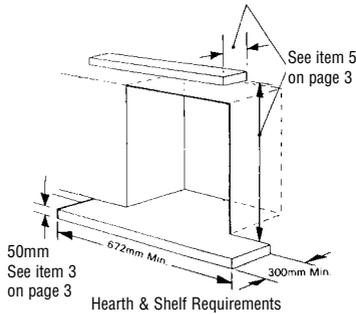


figure 1 Hearth dimensions, Shelf clearance & Front dimensions

1. GAS CONSUMPTION

Natural gas appliances have a maximum gas input at the high setting of 6.85kW(gross)
Propane gas appliances have a maximum gas input at the high setting of 6.7kW (gross)

2. OPERATING THE FIRE

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 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 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 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

USERS INSTRUCTIONS

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 shown in figure 1.
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 818mm. 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 an Oxsafe 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. These items are designed for easy refitting if removed. After some use, the coals may change colour. This is quite normal.

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Please leave this Guide with the user

CUSTOMER CARE

Thank you for choosing Valor.

All Valor gas fires 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 Valor 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 **Valor AdviceLine** will be pleased to help.

Please telephone **0345-626341** (local call rates apply in the United Kingdom).

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.



Masters of the living flame.

Valor Heating, 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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OWNER GUIDE

MODEL BR622

(GC32 - 032 - 09)

INSET LIVE FUEL EFFECT GAS FIRE

**INCORPORATING THE
VALOR *FireSlide* CONTROL**

**WITH
ADORN,
VISAGE,
ELEGANT or
ICON Front**



**THIS APPLIANCE IS FOR USE WITH NATURAL GAS (G20)
WHEN CONVERTED USING VALOR CONVERSION KIT No.591159 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**

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

However if further information is required, our **Valor advice line** will be pleased to help.

Ring **0345 626 341** (local call rates apply).

Please keep in a safe place for future reference