

Robinson Willey BERRYFLAME R.S.

Room Sealed Decorative Effect Gas Fire

G.C. No. 32 688 93

THIS APPLIANCE IS FOR USE WITH NATURAL GAS ONLY

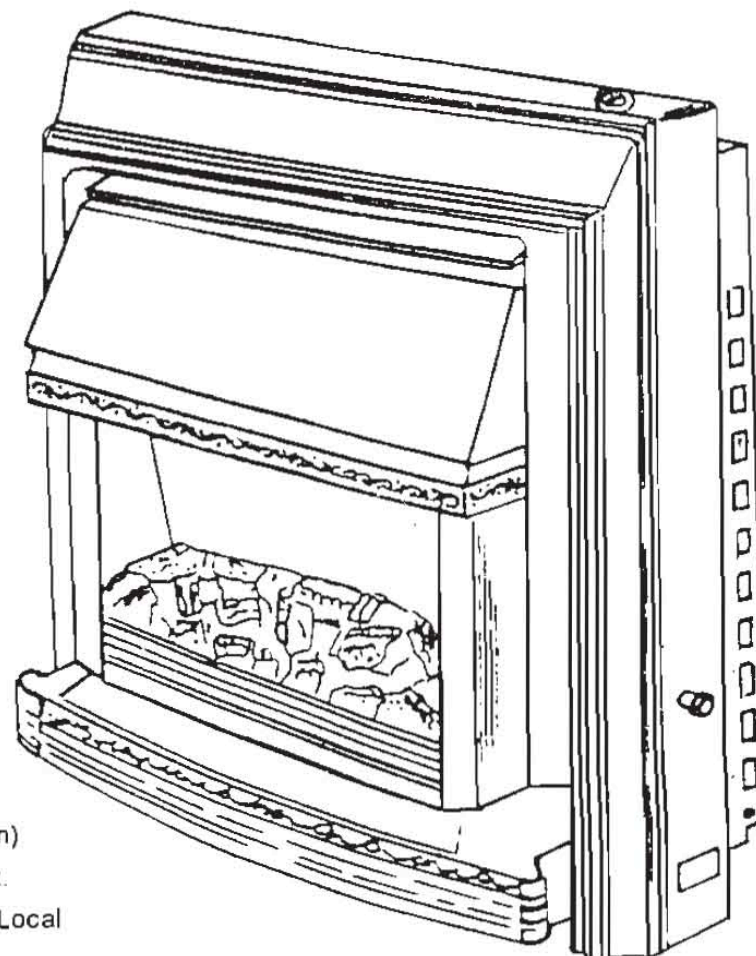
Cat. IN Gas Fire

Gas Safety (Installation and Use) Regulations 1984

It is law that all gas appliances are installed by competent persons in accordance with technical requirements.

The following items relate to this appliance:

1. BS 5871:1980 (formerly CP 332 Pt 1)
2. BS 5440:Pt 1: 1978 (Flues)
3. BS 6891:1988
4. The Building Regulations issued by the Department of Environment and Building Standards (Scotland)(Consolidation) Regulations issued by the Scottish Development Department.
5. Any other relevant British Standard Code of Practice and/or Local Building Regulations.
6. These installation instructions.



Installation and Servicing instructions

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LEAVE THESE INSTRUCTIONS WITH THE USER

DESCRIPTION

This appliance is for wall mounting or hearth mounted on a non-combustible wall or hearth. It can be installed from the inside of a building making it ideal for rooms where access from the outside is difficult, for example, multi-storey buildings. It is suitable for walls from 75mm (3in) minimum to 508mm (20in) maximum thickness. The fire is packed with the medium flue for walls from 203mm (8in) to 357mm (14in) thickness. Other flue lengths have to be ordered.

This fire is for use with Natural Gas only.

The appliance data badge is positioned on the left hand side of the firebox.

1.0 Technical Data Dimensions

	HEIGHT	WIDTH	DEPTH
mm	702	654	298
in	27 ⁵ / ₈	25 ³ / ₄	11 ³ / ₄

Weight 29kg (64lb)

Max Heat Input 4.34kW 14,800Btu/h

Min Heat Input 1.44kW 4,900Btu/h

Height to centre line of flue 351mm (13¹³/₁₆in)

Setting Pressure (Flame On)

Cold 18.5mbar + 1.0 7.4in w.g. + 0.4

Hot 18.7mbar + 1.0 7.5in w.g. + 0.4

Burner (i) Aerated simplex main burner.

(ii) Semi-aerated decorative flame burner.

Injector - Main burner - Bray Cat 16/300

- Flame burner - Bray Cat 960/100

Ignition - Piezo Igniter - Vernitron 60090

Control Tap: Concentric Duplex Tap with flame supervision device model number TE/SA/1363

Flame Control: Concentric Tap model number JC/A/896

Control Knob Settings - OFF, ECON, LOW, MED and HIGH

Flame Control Settings - OFF and ON

NB Flame is variable at LOW, MED and HIGH settings.

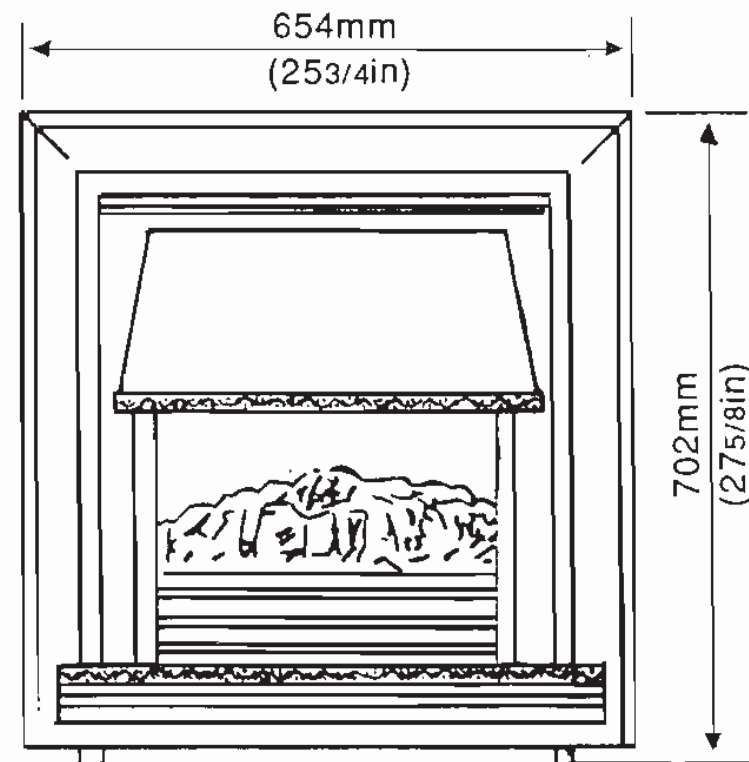
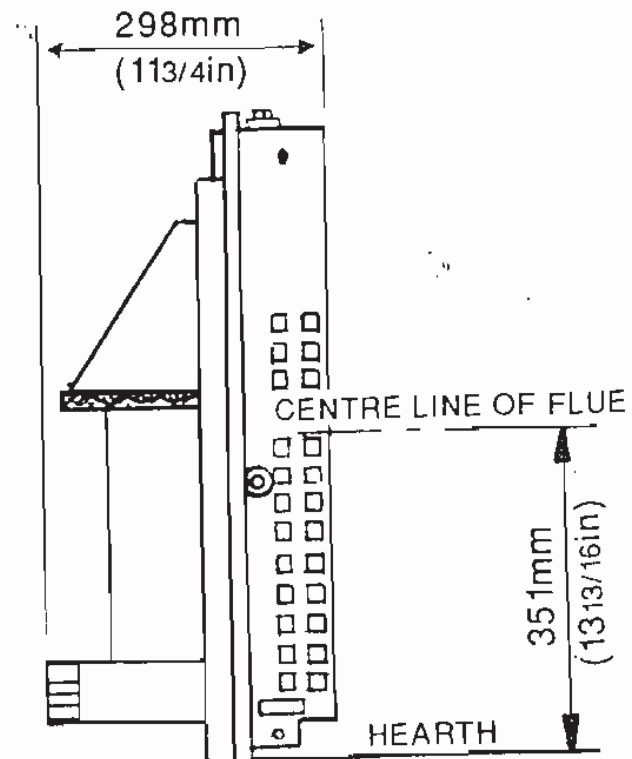


FIG. 1



2.0 UNPACKING (Figs. 2A and 2B)

The fire is packed in a carton together with the following items:

1. Medium flue assembly and sealing tape.
2. Gasket pack comprising flue and air duct gaskets and sealing gasket.
3. Flue sealing plate.
4. Pack of fittings comprising:

4 Wall fixing screws (2in wood)	810500
4 Wall plugs	820813
2 Screws (flue assembly) No. 6x10 S/T	810776
3 M4x10 Tapite screws (air duct)	810327

A template representing the backplate full size: indicating the positions of the air inlet duct and fixing screw positions of the air inlet duct and fixing screw positions (see Fig. 2B) is printed on the back of the carton.

The fuel effect components comprising a ceramic base and fuel bed are housed in the firebox.
Remove items 1 to 4 and keep in a safe place. Lay the fire on its back in a safe place.

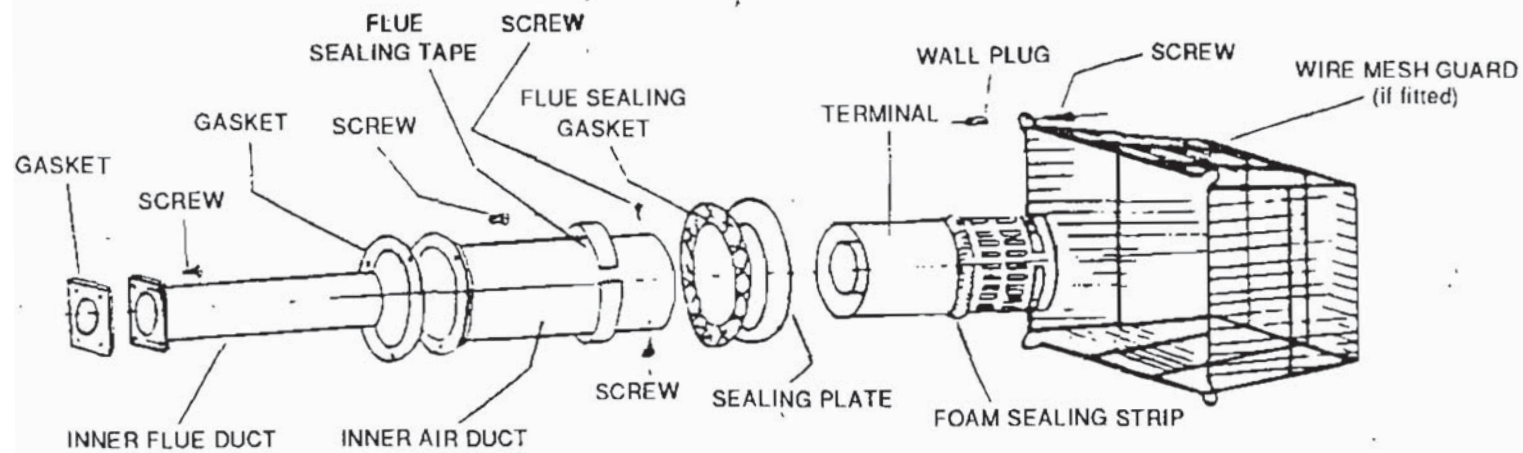


FIG. 2A

FLUE COMPONENTS

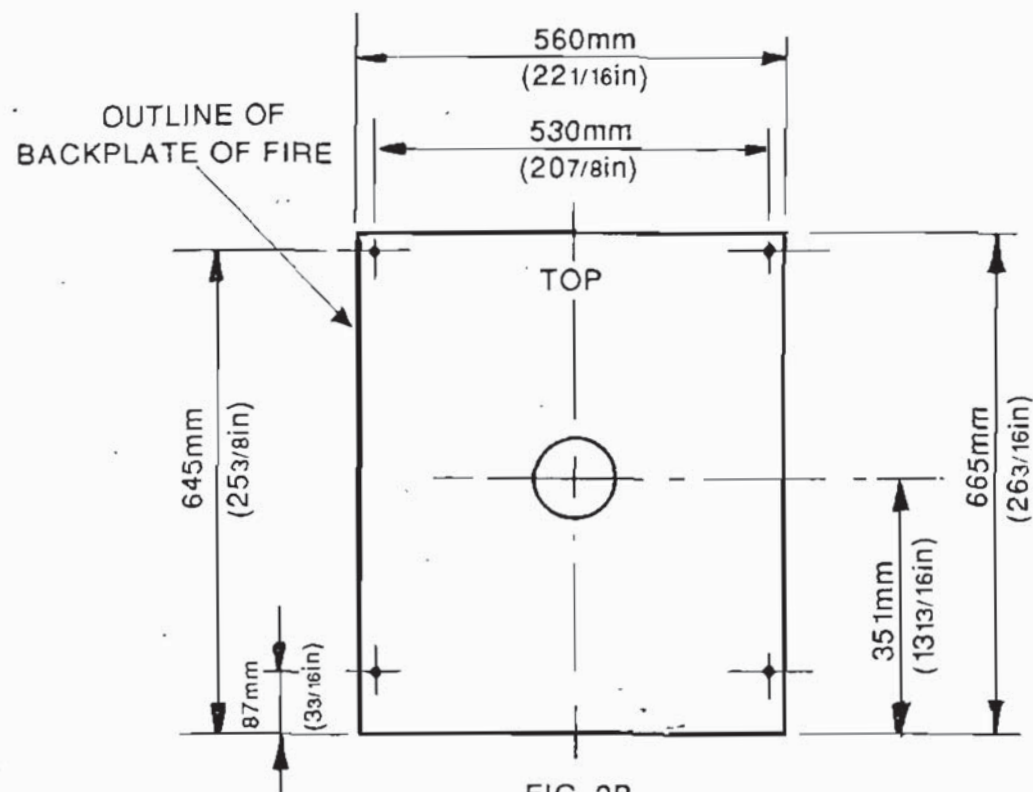


FIG. 2B

3.0 SITING GENERAL

The fire must be mounted on the inner face of a suitable external wall of thickness 75mm (3in) minimum and 508mm (20in) maximum.

Hearth Mounting: If the fire is to be hearth mounted, the hearth must be of non-combustible material at least 13mm (1/2in) thick and measuring at least 686mm (27in) wide by 305mm (12in) deep with the fire central. Its top surface should preferably be 50mm (2in) above the floor level to discourage placing of rugs or carpets over it.

Wall Mounting: The fire may be fitted on to a suitable wall such that the bottom of the backplate of the fire is at least 75mm (3in) above the finished floor level.

The fire must not be mounted directly on a combustible wall surface.

NOTE: Soft wall coverings e.g. blown vinyl wallpaper may become discoloured if close to a heating appliance. Please bear this in mind when installing this fire and when re-decorating.

3.1 SITING THE FIRE

Outside: Fig. 2C. Check that the terminal location complies with the requirements of the table below.

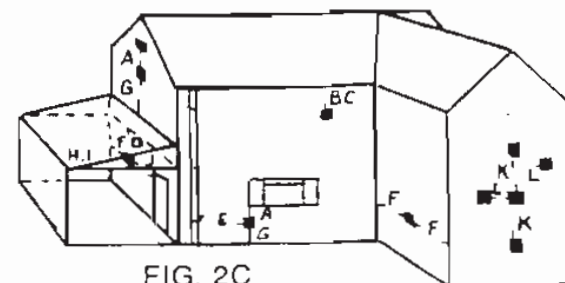


FIG. 2C

TERMINAL POSITION	MINIMUM DISTANCE
A - Directly below an openable window or other opening e.g. air brick	300mm
B - Below gutters, soil pipes or drain pipes	300mm
C - Below eaves	300mm
D - Below balconies or car port roof	600mm
E - From vertical drain pipes or soil pipes	75mm
F - From internal or external corners	600mm
G - Above ground, roof or balcony level	300mm
H - From a surface facing a terminal	600mm
I - From a terminal facing a terminal	600mm
J - From an opening in the car port (e.g. door, window) into dwelling	1,200mm
K - Vertically from a terminal on the same wall	1,500mm
L - Horizontally from a terminal on the same wall	300mm

Note that in England and Wales the Building Regulations require a terminal guard to be fitted if the terminal is less than 2m (6ft 6in) from the level of any ground, balcony, flat roof or place to which any person has access and which adjoins the wall in which the outlet is situated. A suitable guard assembly is available from Robinson Willey Ltd. The part number is 994371.

In Scotland, although the Building Standards (Scotland) do not require a terminal guard to be fitted, the fitting of a guard as detailed above is recommended.

Inside:

1. Allow 115mm (4 1/2in) access at each side of the heater for servicing.
2. Curtains must be 152mm (6in) clear at the top of the heater and 50mm (2in) at the sides and must not be closeable over the front of the fire.
3. A wooden or combustible shelf may be fitted over the fire. The minimum height of the underside of the shelf of 152mm (6in) depth must be 127mm (5in). For shelves of greater depth, allow an additional clearance of 12.5mm (1/2in) for every 25mm (1in) additional shelf depth.

4.0 PREPARATION OF WALL

Note: The following instructions relate to normal brick walls.

If the wall is wholly or partly of combustible material, a combustible wall kit (optional extra) must be used.

Refer to Section 4.4.

Check the wall thickness. Three different sizes of flue are available for wall thicknesses up to 508mm (20in) as shown below.

The medium flue is packed with the heater, the other lengths must be ordered specially.

Short - 75mm (3in) to 203mm (8in)

Medium - 203mm (8in) to 357mm (14in)

Long - 357mm (14in) to 508mm (20in)

- 4.1 Cut out the template from the carton after ensuring that the fire is suitable for the installation. Place the template against the wall ensuring that the top is level. For hearth mounting, ensure that the centre of the flue is 351mm (13¹⁵/₁₆in) above the hearth (Fig. 1). Mark the positions of the flue and four fixing holes (see Fig. 2B) and remove the template.
- 4.2 Cut the hole for the flue making sure that it is straight and level. This can be done with either a 127mm (5in) diameter core drill or hammer and chisel. If neatly drilled no making good is necessary. If not it will be necessary to make good the hole especially at the terminal end where the flue seal will be located and the inside wall face to achieve a good seal (see Fig. 4C).
- 4.3 Use the template to remark the fixing holes if necessary. Drill the four fixing holes to a minimum depth of 57mm (2¹/₄in) using 6mm diameter masonry drill and insert the plugs.

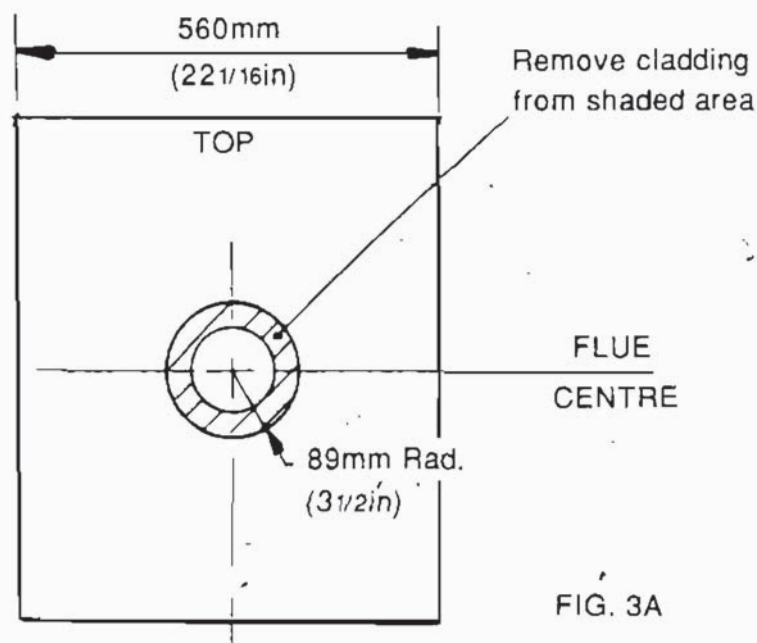


FIG. 3A

4.4 COMBUSTIBLE WALLS

N.B.

- a) For installation on walls constructed of or comprising combustible materials reference should be made to the requirements of BS 5871:1980 and the Building Regulations.
- b) Timber-Framed Housing
For a timber-framed house, the fire can be installed as directed in British Gas Publication DM2: GUIDE FOR INSTALLATION IN TIMBER-FRAMED HOUSING.
- c) The combustible wall kit is suitable for walls in which the combustible part is not more than 203mm (8in) thick measured from the inside of the building.
- d) The combustible wall kit required is RW No. 994530 and G.C. No. 154 759. If the whole wall is of combustible material, the wall plate must be used.
- e) If the screws and wallplugs supplied are not suitable for a particular application, proprietary cavity wall fixings may be used.

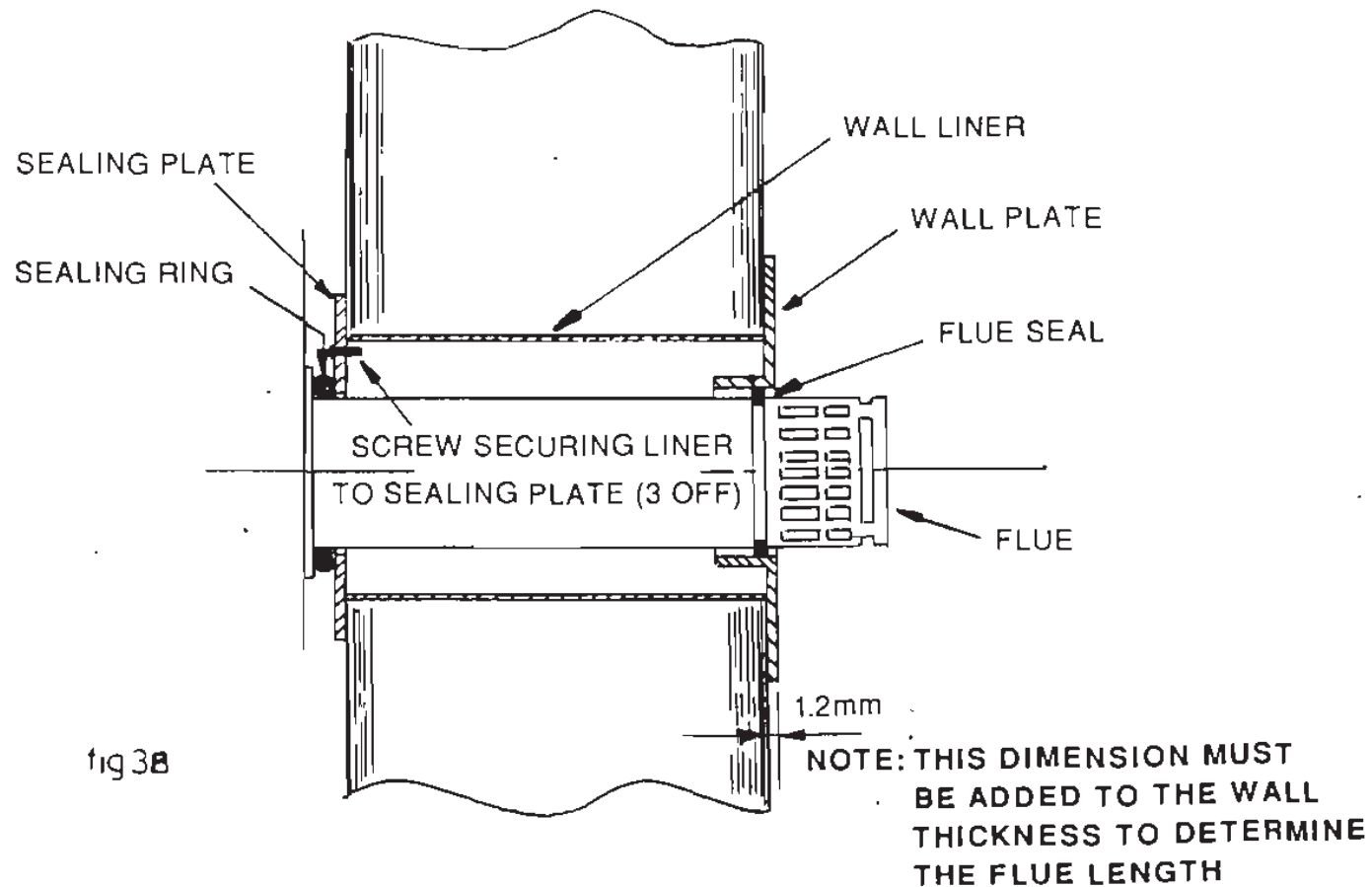


fig 3B

1. Proceed as detailed in Section 4 for brick wall EXCEPT that the hole through the combustible part of the wall must be 178mm (7in) in diameter. (Fig. 3A)
2. If the wall is wholly of combustible material, install the wall plate centrally over the hole from the outside as shown in Fig. 3B. If the outer wall face is uneven, it is recommended that a mastic sealing compound, e.g. secomastic, is applied to the inner face of the wall plate to provide a watertight installation.
3. Measure the thickness of the combustible part of the wall. Cut the wall liner to this length, cutting off from the end without the fixing brackets. Fit this liner to the sealing plate using the screws provided.

5.0 PREPARATION OF FIRE

5.1 Remove Outer Case

- a) Remove the firebar assembly by first lifting upwards to clear the retaining pins and then swinging it out from the fire bottom first.
- b) Pull off the control knob and the decorative flame knob.
- c) Remove the two screws, one either side at the bottom rear of the fire securing the outer case.
- d) Lift the outer case away from the fire left hand side first in order to clear the spindle on the right hand side and put in a safe place.

5.2 Remove Fuel Effect Components

- a) First remove the glass door by removing the wingnuts on the door surround. Lift off the glass door and put in a safe place.
- b) Remove the packing in the firebox which contains the fuel effect components and put in a safe place.

5.3 Fit Flue

- a) Place the heater face down taking care to protect any soft surface.
- b) Fit the flue and air ducts to the back of the heater using the gaskets and screws provided. This operation is made easier by using the screws to tap the holes before assembly. The four screws for the flue duct are already fitted to the fire. The flanges of the ducts are marked 'TOP' to indicate the way in which the ducts are to be fitted.

NOTE: The flue and air ducts do not need cutting unless the short flue assembly is being fitted. In this case measure the wall thickness. Then subtract this length from 203mm (8in) to give the length 'B' shown in Fig. 4B. Cut this length from the plain ends of both the inner flue and the inner air ducts.
- c) Adjust the flue to length: First measure the wall thickness and add 140mm (5½in) to give the overall length of flue 'A'. Fit the terminal assembly to the ducts already fitted to the heater. The top of the assembly is marked 'TOP'. Set the overall length of the flue to the dimension 'A' (Fig. 4A). Drill 2.7mm diameter for the fixing screws but do not fit them yet. Remove the flue terminal.
- d) Slide the sealing rope gasket and the sealing plate over the air duct as shown in Fig. 4C. Refit the terminal and secure it with the screws provided. Seal the joint using the self-adhesive tape provided.
- e) Remove the tape from the foam sealing strip on the terminal. Do not remove the tape before the fire is ready to be installed as the foam strip commences to expand once the tape is removed. The rate of expansion however, is low and there will be adequate time to install the heater, after which the foam strip will continue to expand and fill the gap between the flue and the wall. If, for any reason the sealing strip has already expanded before the heater is installed, it can simply be compressed by hand until it is flush with the surface of the flue.

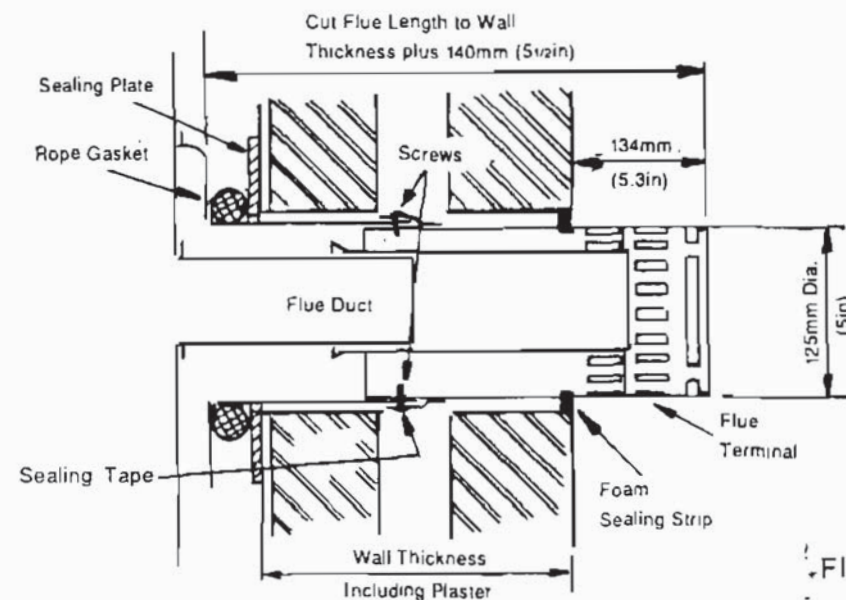
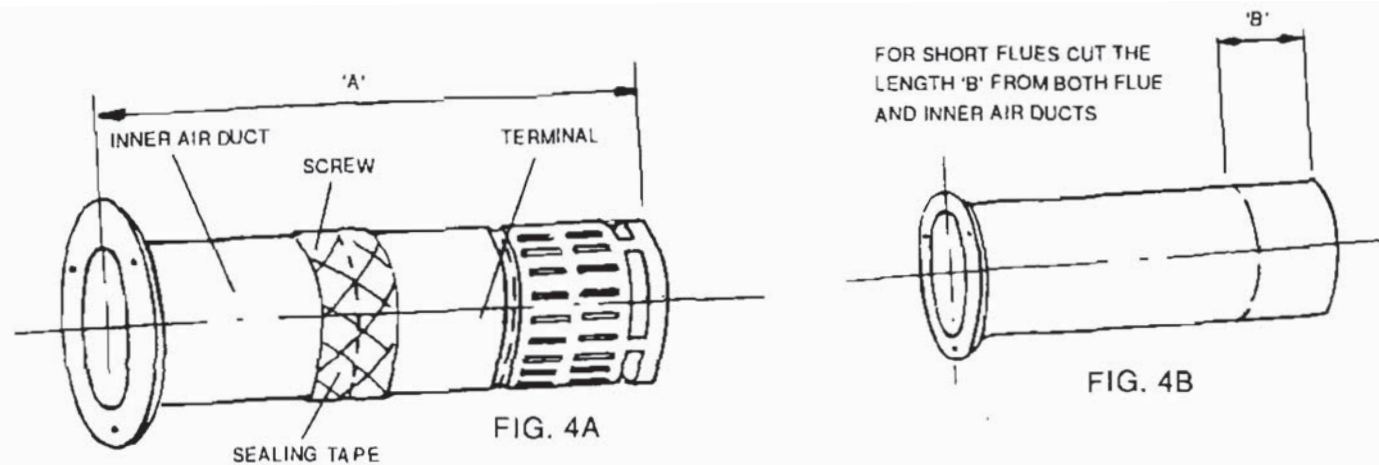


FIG. 4C

- f) Insert the two top wall fixing screws, leaving the plain shank projecting to allow the keyhole top fixing holes to go over them. Offer the fire with the flue through the wall and hook the keyholes over the screws. Insert the lower wall fixing screws and secure all four screws.
- g) If a terminal guard is required (optional extra) fit it with kit supplied ensuring that it is concentric with the terminal.

5.4 CONNECT GAS TO SUPPLY

With the outer case removed, the gas inlet pipe is located at the right hand side of the fire. Connect the fire to the gas supply via the union elbow provided. This union elbow should be fitted to the end of the supply pipe and then held in position on to the flare nut whilst this is engaged. Tighten the flare nut with a spanner. The union elbow has Rp $\frac{1}{4}$ (1/4 in B.S.P. internal) thread for supply pipe.

5.5 Test For Gas Soundness (Refer to BS 6891:1988)

The gas installation, including the meter, should be inspected and tested for soundness and purged.

5.6 INSTALL FUEL EFFECT COMPONENTS (Fig. 5A)

The packing from the firebox houses the fuel effect components comprising:-

a) Ceramic Base

b) 1 Coal Bed

Remove these components from their packs

- (i) Place the ceramic base centrally on the firebox so that the electrode and thermocouple probes line up with their cut-outs ensuring that the base is retained by the brackets on the firebox base (Fig. 5B).
- (ii) Locate the coal bed centrally on the front rail in the firebox as shown in Fig. 5C. Slide the bed forwards to ensure that the front end is behind and against the raised prongs of the bottom cover.
- (iii) Refit the glass door.

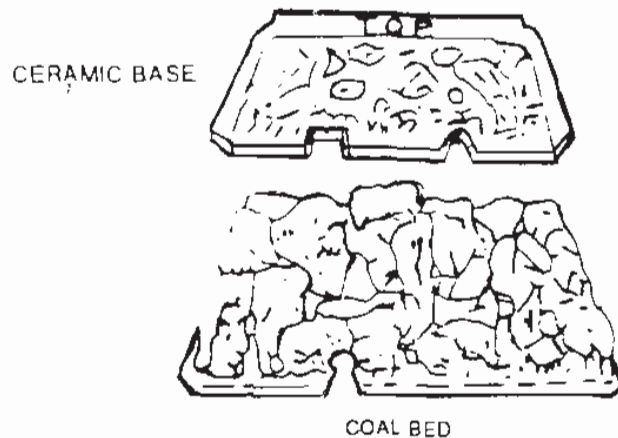


FIG. 5A

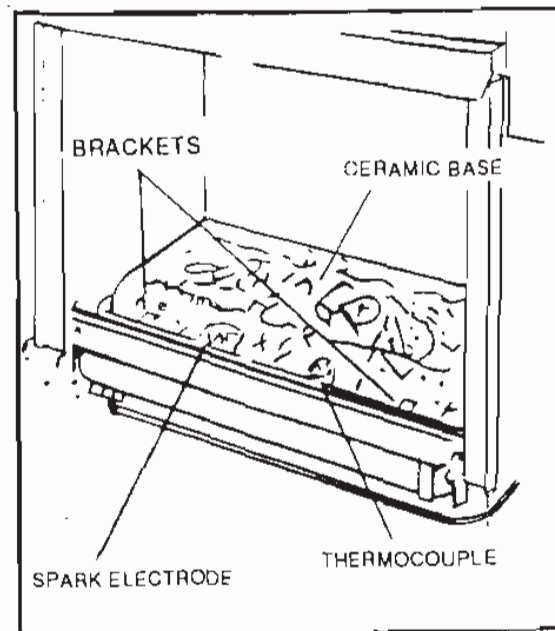


FIG. 5B

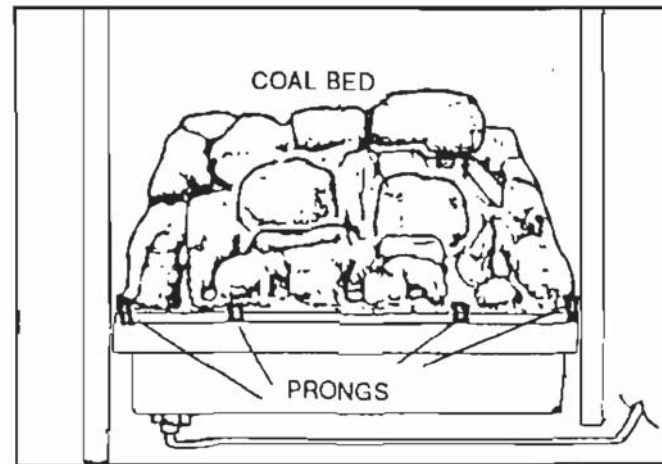


FIG. 5C

6.0 COMMISSIONING

6.1 CHECK GAS PRESSURE

Remove the pressure test point sealing screw located on the right hand side of the main burner and connect a pressure gauge to the test point. Temporarily fit the control and flame knobs.

- a) Light the fire. Push the control knob fully in and turn it anti-clockwise from OFF position to position marked ECON/3, hold the knob pressed in at this position and press and release the igniter button several times. The fire should now be lit. Keep the control knob pushed in for a further 10 seconds before releasing. The fire should remain alight. If not, push in the knob slightly and turn clockwise to OFF position wait 10 seconds and then repeat the above procedure. Turn the control knob to the full on position marked HIGH and the decorative knob to the ON position.
- b) Check the Gas Pressure
Check that the burner pressure is 18.5mbar + 1.0mbar (7.4inwg + 0.4) cold. The fire is designed to give the correct heat input on Natural Gas at 20mbar (8inwg) inlet pressure and no adjustment is provided in the fire. Turn off the fire. Remove the pressure gauge and replace the pressure test screw. Relight the fire and test for gas soundness around the sealing screw using a suitable leak detection fluid.
- c) Check Ignition Performance.

3.2 REFIT OUTER CASE AND REMAINING COMPONENTS

Pull off the knobs. Refit the outer case by placing it over the fire right hand side first. The top rear flange of the case locates in the notch at the rear of the top wall mounting bracket. Ensure that the tap spindles are centrally located in the knob openings. Secure the outer case by refitting the two screws one each side of the case. Replace the knobs. Refit the firebar assembly.

6.3 Instruct User (Refer to User Instructions)

Make sure that the user understands the following:-

- a) How to light and operate the fire.
- b) Demonstrate the removal and replacement of the glass door and the removal and replacement of the ceramics. Advise on the need to clean these items regularly.
- c) Advise the user to run the fire regularly with the decorative flame off in order to reduce the need to clean the firebox and ceramics.
- d) Advise that for safe and efficient operation, the fire should be serviced annually by British Gas or CORGI Registered service agent.
- e) When the fire is first lit a slight smell may be noticed but this will quickly clear away with use. Hand over the Users Instructions.

PART 2 - SERVICING

Important Notes: TURN OFF THE GAS SUPPLY BEFORE COMMENCING ANY SERVICING. ALWAYS TEST FOR GAS SOUNDNESS AFTER SERVICING OR EXCHANGING ANY COMPONENT.

It is recommended that the appliance is serviced at least once a year.

1. Remove Outer Case

- a) Remove the firebar assembly by first lifting upwards to clear the retaining pins and then swinging it out from the fire bottom first.
- b) Pull off the control knob and the decorative flame knob.
- c) Remove the two screws, one either side at the bottom rear of the fire securing the outer case.
- d) Lift the outer case away from the fire left hand side first in order to clear the spindle on the right hand side and put in a safe place.

2. GAS TAP ASSEMBLY

Remove outer case (1. above)

a) Removal

Withdraw the spring clip securing the extension spindle assembly to the gas tap spindle and remove the extension spindle assembly. Undo the union nuts on the inlet and outlet ports of the gas tap. Disconnect the thermocouple at the gas tap and remove two screws securing the gas tap bracket to the support bracket on the fire. Ease off the pipe ends while withdrawing the gas tap downward out of the fire.

b) Servicing

Ensure that the gas tap is in the OFF position by turning the spindle clockwise as far as possible. Remove the two screws securing the mounting plate/niting plate to the tap body. The tap plug is now accessible for cleaning and re-greasing with a suitable plug grease. Note the position of the plug slot relative to the body before removing. When re-assembling, ensure that the plug is in the correct position and check the alignment of spindle pin with the slot when re-fitting the niting plate. Refit the tap using the reverse procedure to its removal. Refit the spindle assembly. NOTE: With the tap in the OFF position, the flat of the spindle extension faces to the right of the fire. Check that the tap functions correctly. Replace the outer case.

3. PIEZO IGNITER

Remove the outer case (1. above).

Remove the two screws securing the piezo unit bracket to the backplate. Disconnect the spark lead at igniter end. Remove the piezo igniter. Fit the new piezo unit and replace the spark lead. Re-assemble in the reverse manner.

4. DECORATIVE FLAME TAP

Remove outer case (1. above).

Exchange: If the tap is to be renewed, undo the inlet and outlet olive nuts and ease out the gas pipes. Slacken the locknut on the side of the mounting bracket and withdraw the control. Fit a new control and re-assemble in the reverse manner to its removal noting that the locknut is on the part with the longer threaded port.

5 BURNER ASSEMBLY INCLUDING INJECTORS

Remove outer case (1. above).

Undo the wingnuts on the glass door surround. Remove the door. Take out the coal effect components and put in a safe place. Undo the two olive nuts on the main burner supply pipe and remove this pipe. Undo the union nut on the decorative burner supply pipe on the left hand side of the fire and ease out the pipe. Undo the four screws securing the burner assembly brackets to the firebox. Undo nine nuts securing the burner cover-plate to the fire and withdraw the plate and burner assembly from the fire. Undo the locknut securing the main burner injector holder to the cover-plate and the locknut securing the flame burner injector holder. Remove the burner assembly. NOTE: The burner cover-plate gasket may need to be renewed.

a) Main Burner

Undo the two nuts securing the main burner to the decorative burner brackets and the screw clip at the decorative injector end and remove. Undo the two screws securing the injector housing to the main burner. Refit the injector housing to a new burner and re-assemble in the reverse manner ensuring that the burner box extension plate is retained by the reversed edge of the burner cover-plate.

b) Main Burner Injector (Bray Cat 33/300)

Proceed as in Section 5 above to remove injector housing. Refit with a new injector and re-assemble in the reverse manner.

c) Decorative Flame Burner

Proceed as in Section 5 above to remove main burner from the burner. Refit the decorative burner bracket to the new burner. Re-assemble in the reverse manner.

d) Decorative Flame Burner Injector (Bray Cat 960/100)

Proceed as detailed above in Section 5 to remove the burner assembly. Remove the injector and replace with a new one. Re-assemble in the reverse manner.

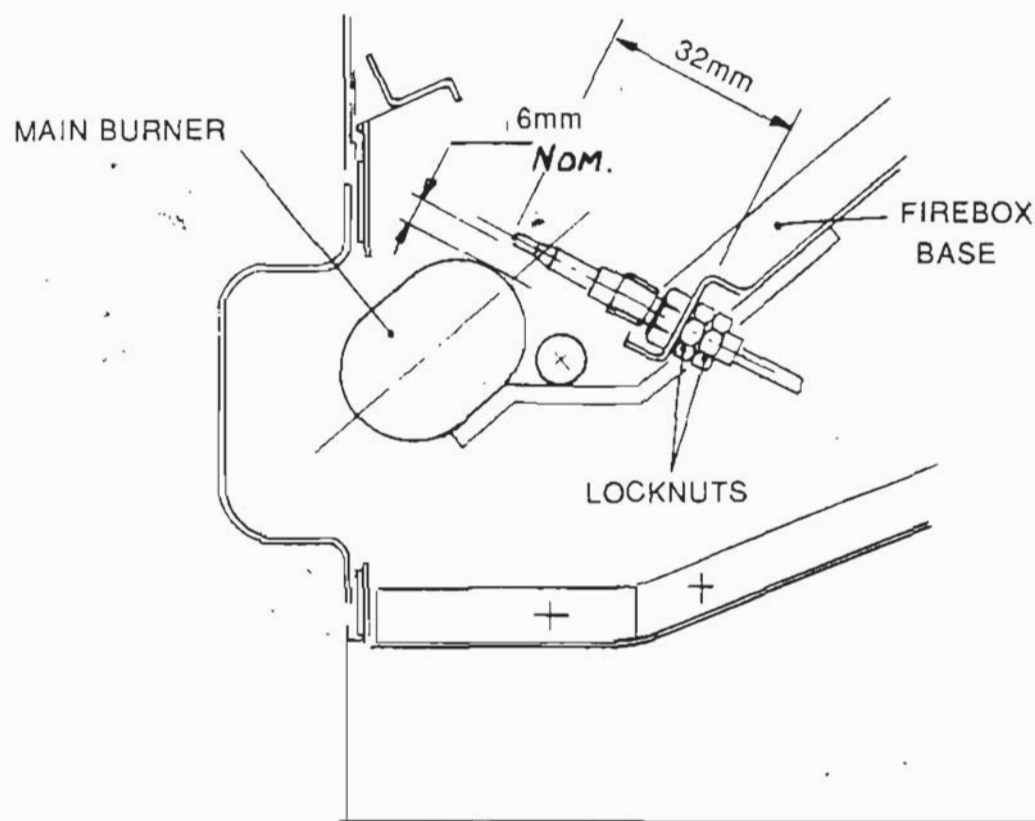
6. SPARK ELECTRODE

Proceed as detailed in Section 5 above to take out the fuel effect components. Undo the screw securing the electrode to the firebox base and pull up the electrode. Transfer the spark lead from the old electrode to the new one and refit in the *reverse manner*.

7. THERMOCOUPLE

NOTE: It is advisable to renew the thermocouple gasket as well.

Proceed as detailed in Section 5 above to take out the fuel effect components. Undo the nut on the upper side of the thermocouple securing the thermocouple to the firebox. Undo the nut connecting the thermocouple to the gas tap. Undo the two screws securing the clamp brackets and seal to the right hand side of the firebox. Remove the thermocouple. Insert the gasket to the new thermocouple (without the locknuts) and adjust the lower locknuts to 32mm from the probe tip (see Fig. 6). Re-assemble in the reverse manner.

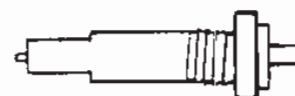


SHORT LIST OF PARTS

KEY NUMER	G. C. NUMBER	MAKERS PART NUMBER	DESCRIPTION
30	154 756	994538	Ceramic Base
31	154 757	994537	Coal Bed
94	154 752	994690	Control Knob
27	154 755	994517	Door Assembly
53	386 526	820083	Spark Electrode
65	393 732	820263	Piezo Igniter
56	381 906	820506	Thermocouple
59	154 758	994549	Thermocouple Gasket
67	386 761	822026	Decorative Flame Tap
61		822042	Gas Tap Assembly
95	154 529	995425	Decorative Flame Knob



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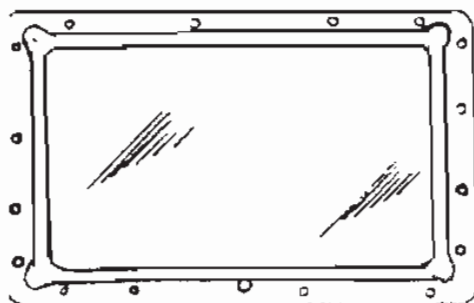
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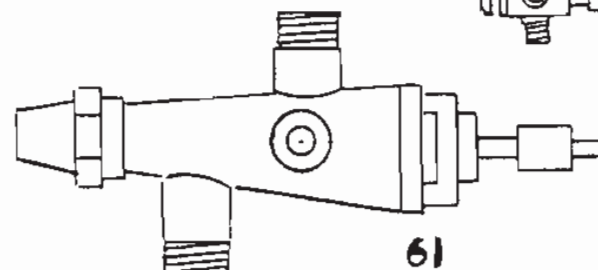
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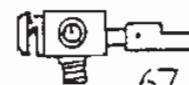
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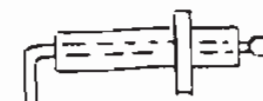
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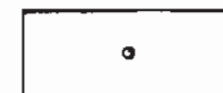
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ROBINSON WILLEY LTD:
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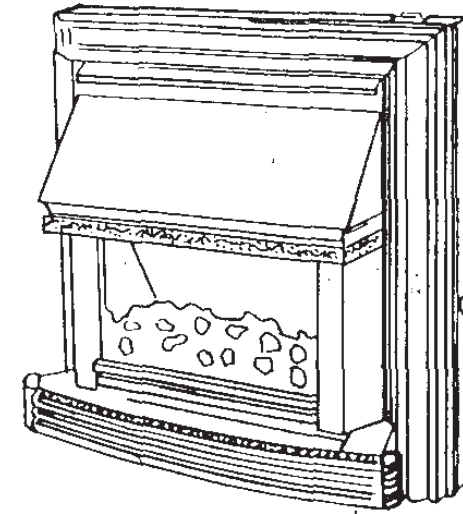
Robinson Willey

BERRYFLAME R.S.

Room Sealed Decorative Effect Gas Fire

Users Operating Instructions

G.C. No. 32 688 93



Berryflame R. S. is a decorative room sealed coal effect fire. It must be wall mounted on an external wall and can stand on a non-combustible hearth or a suitable fire surround.

It has a balanced flue system which takes air for combustion from the outside and discharges products of combustion to the outside.

There are four heat settings operated by turning the control knob which is located at the top right hand side of the fire. The burner system is also designed to give variable decorative flames, operated by turning the decorative flame knob located on the right hand side of the fire.

Ignition is by piezo spark operated by pressing the ignition button located near the control knob. It has a thermo electric flame supervision device for safety.

IMPORTANT NOTES

1. This fire is for use on Natural Gas only and cannot be used on any other gas.
2. This fire must be installed and serviced regularly in accordance with the Gas Safety (Installation and Use) Regulations 1984 by a competent person e.g. British Gas or a GORGI member.
3. The glass door becomes very hot when the fire is in use and must not be touched. The glass door conforms with the requirement of BS 1945:1971 and satisfies the Heating Appliances (Fireguards) Regulations 1973. The door is to prevent risk of fire or injury from burns and it shall not be permanently removed or the fire used without it fitted.
IT DOES NOT GIVE FULL PROTECTION FOR YOUNG CHILDREN, THE INFIRM OR THE ELDERLY
Extra security can be provided by fitting a fireguard which complies with BS 6539:1984 (fireguards suitable for use with solid fuel appliances) or BS 6778 (fireguards for use with portable, free-standing or wall mounted appliances).
WARNING: The glass is of a special heat resisting type, and if damaged must be replaced with the proper spare (G.C. No. 154 755).

4. After the fire has been installed you may wish to fix a shelf of combustible material, e.g. veneered chipboard above. This is quite acceptable provided the dimensions shown in the table below are used.

Depth of Shelf		Minimum Height to Underside of Shelf	
mm	in	mm	in
152	6	127	5
178	7	152	6

For deeper shelves, allow 12.5mm ($\frac{1}{2}$ in) increase in shelf clearance for every 25mm (1in) additional shelf depth.

5. On the outside wall, the flue terminal (and terminal guard if fitted) must be clear of obstructions (as for wall heaters).
6. The distance between the sides of the fire and any permanent fittings must be at least 115mm ($4\frac{1}{2}$ in). This permits proper access to the control and case fixing screws.
7. Clothes etc. must not be draped over the fire. Curtains must be 152mm (6in) clear at the top of the heater and 50mm (2in) at the sides. If wall mounted do not obstruct the underside of the fire.
8. "Soft furnishings" such as blown vinyl wallpaper are easily affected by heat and may become discoloured if fitted close to a heating appliance. Please bear this in mind when installing a heater/fire and when decorating.
9. The fire should be operated regularly with the decorative flame knob set at OFF position to reduce the need to clean firebox and fuel effect components.
10. When the fire is first used a slight smell may be given off but this will soon clear.

TO LIGHT AND OPERATE

The control knob and igniter push button are located on the top right hand and the decorative flame knob on the right hand side of the fire.

WARNING: If the flames are found to be extinguished and the control knob is NOT in the OFF position, the control knob should be turned to the OFF position, and no attempt should be made to relight the gas until at least 3 minutes have elapsed.

Light the Fire: Push the control knob fully in and turn anti-clockwise from the OFF position to position ECON/ . Hold the knob pressed in at this position and press and release the igniter button several times to light the fire. This can be confirmed by looking through the front openings of the coal bed. If the fire is lit, keep the control knob pushed in for a further 10 seconds before releasing. The fire should remain alight. If the burner does not remain alight or has not ignited, push in the control knob slightly and turn back to OFF. Wait for 10 seconds before attempting again to light the fire.

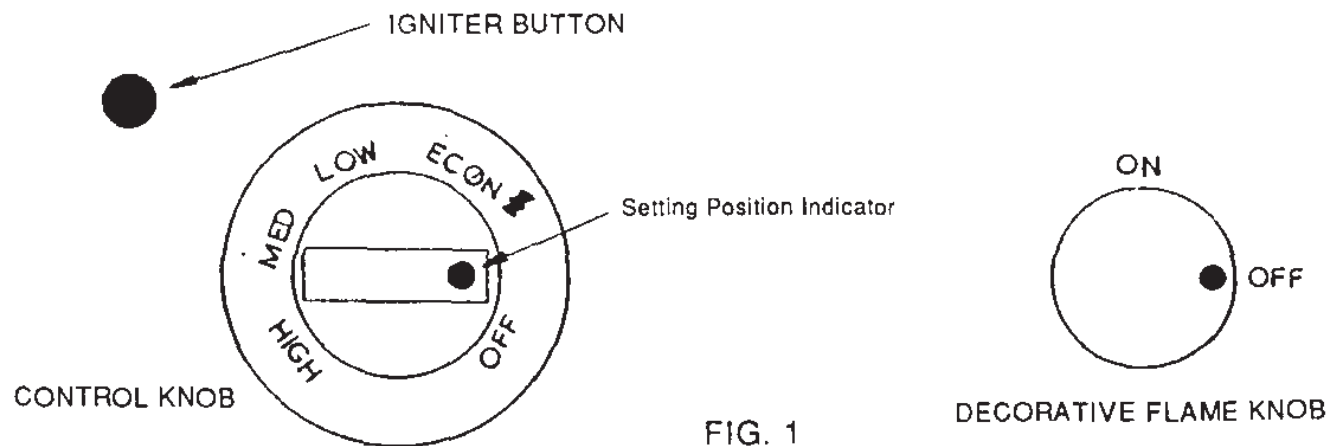


FIG. 1

Settings:

Control Knob Positions

Position OFF
Position ECON
Position LOW
Position MED
Position HIGH

Decorative Flame Knob Positions

Position OFF
Position ON

NB Flame is variable at LOW, MED and HIGH settings.

Turn the control knob and the decorative flame knob to the desired settings.

NOTE: The control knob should be pushed in slightly before turning, and always set to one of the stated positions.

To Turn Off: Push in the control knob slightly and turn it clockwise to OFF position.

NOTE: It is not necessary to turn the decorative flame knob to OFF position as no gas flows when control knob is OFF.

WARNING: If you want to relight a hot fire wait three minutes before doing so.

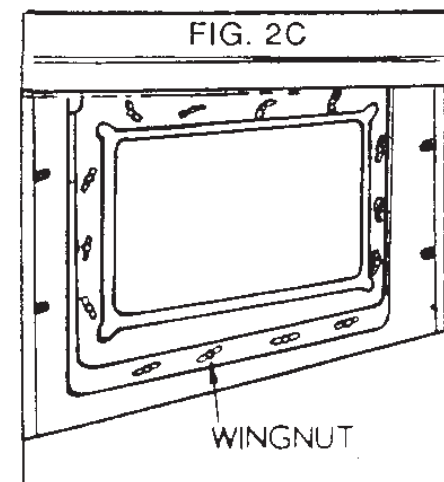
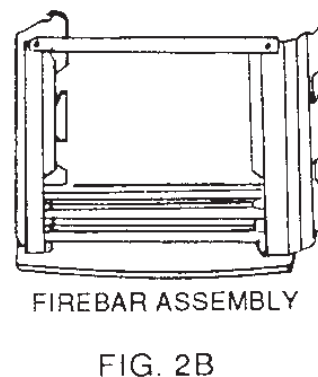
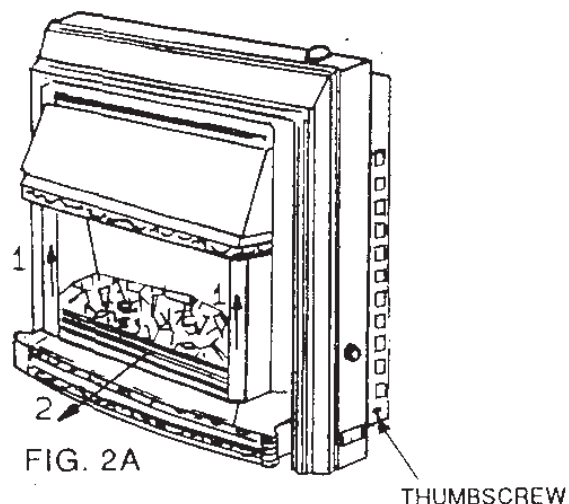
CLEANING (SEE FUEL EFFECT COMPONENTS)

NOTE: Abrasive cleaners should never be used.

All cleaning should be carried out when the fire is cold. As the fire is used, the bright metal finish around the coalbed will darken to enhance the coal effect. There is no need to use metal polish on these parts as the discolouration is normal. Generally the fire would only need dusting. Any painted surface or metal part may be cleaned with a damp cloth. Any stains on the glass can be removed with a non-abrasive cleaner or with any brand of plastic scouring pad. The coal effect components may be cleaned with a soft brush. It is recommended that a vacuum cleaner is not used.

TO REMOVE THE GLASS DOOR (Fig. 2)

Lift the firebar assembly until the cut-outs on the sides are clear of the retaining pins (Fig. 2A). Pull the firebar assembly (Fig. 2B) towards you at the bottom and then slide it downwards ensuring that it clears the lower trim. Pull off the two tap knobs. Remove the two thumb screws, one either side of the fire, securing the outer case and lift the outer case away from the fire left hand side first. Undo the 14 wingnuts on the glass door surround (Fig. 2C). Lift off the glass door and put in a safe place.



FUEL EFFECT COMPONENTS (Fig. 3A)

The fuel effect components consist of:-

- a) 1 coal bed.
- b) 1 ceramic base.

To take out these components for cleaning or otherwise first remove the glass door as stated above. To replace them:-

- (i) Place the coal base centrally on the firebox base so that the electrode and the thermocouple probes line up with their cut-outs ensuring that the base is retained by the brackets on the metal base (Fig. 3B).
- (ii) Locate the coal bed centrally on the front rail in the firebox as shown in Fig. 3C. Slide the bed forwards to ensure that its front end is behind and against the raised prongs (Fig. 3C).
- (iii) Refit the glass door ensuring that all the studs protrude through the holes in the door evenly. Replace the wingnuts and tighten evenly. Refit the outer case, firebar assembly and the two tap knobs.

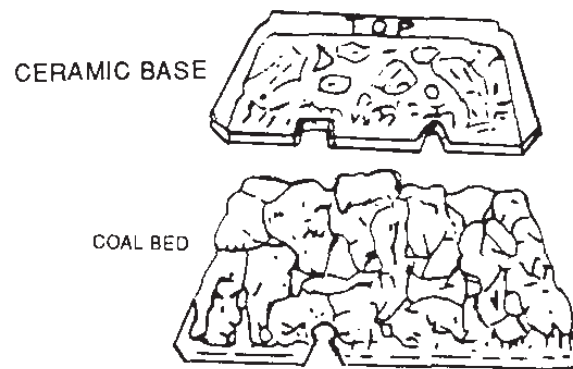


FIG. 3A

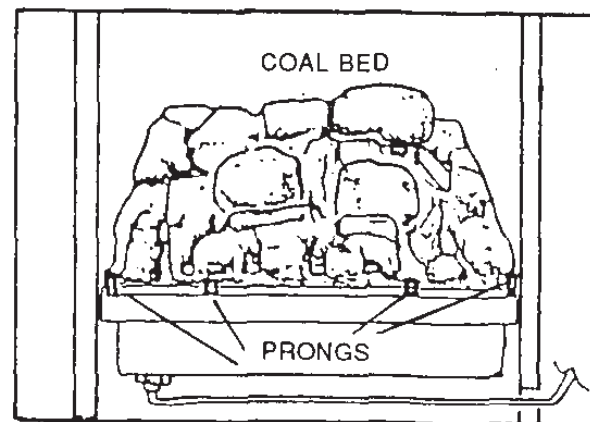
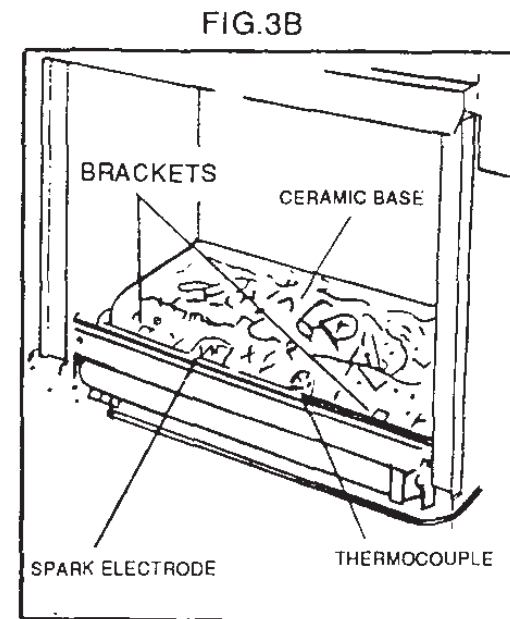


FIG. 3C

SPARES AND SERVICE

For spares and service apply to your local supplier or installer stating that the appliance is a Berryflame R.S. The appliance G.C. Number is 32 688 93 and the serial number (see data badge). (The appliance data badge is positioned on the left hand side of the firebox. It can be viewed after removing the firebar assembly).

Full on this gas fire will run for approximately 6¾ hours on one therm of gas. The price of a therm will vary according to tariff.

ADVANTAGE SHOULD BE TAKEN OF ANNUAL SERVICING / INSPECTION FOR GAS APPLIANCES

SHORT LIST OF PARTS REPLACEABLE BY THE USER

G. C. PART NUMBER	MAKERS PART NUMBER	DESCRIPTION
154 752	994538	Ceramic Base
154 529	994537	Coal Bed
	994690	Control Knob
	995 425	Decorative Flame Knob

JAN 90 NKN

ROBINSON WILLEY LIMITED
MILL LANE
OLD SWAN
LIVERPOOL L13 4AJ
Telephone: 051228 9111