



User, Installation & Service

Instructions

Allure, Brava 2, Charm, Decor & Esquire

About the Fire

See inside cover for models covered by these instructions.

This is a radiant convector gas fire.

This fire is for use with Natural Gas (G20) Only at 20 mbar and for use in GB & IE.

About Safety

The Gas Safety (Installation and Use) Regulations 1998.

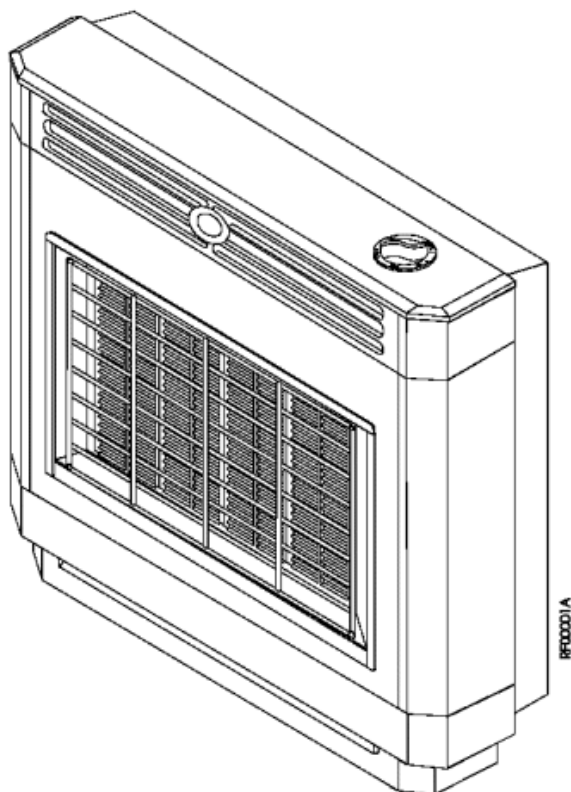
“ In your own interest, and that of safety, it is law that all gas appliances are installed by competent persons, in accordance with the above regulations. Failure to install appliances correctly could lead to prosecution.”

Installation must be in accordance with the User, Installation & Servicing Instructions and the rules in force.

Polythene bags used for packaging are a potential hazard to babies and young children and **MUST BE CAREFULLY DISPOSED OF IMMEDIATELY.**

Leave these instructions with the user for use on future calls





Page 1

Contents

User Instructions - for the User & Installer

<u>Introduction & Information</u>	2
<u>To Light the Fire</u>	4
<u>Fitting the Radiants</u>	6
<u>Care of Your Appliance</u>	7

Installation Instructions - for the Installer

1.	<u>Product Specification</u>	8
2.	<u>Installation Requirements</u>	9
2.1	<u>Fireplace Openings</u>	9
2.2	<u>Combustible Wall Cladding</u>	9
2.3	<u>Chimneys, Flues & Flue Systems</u>	9
2.4	<u>Pre-Cast Flues</u>	10
2.5	<u>Clearances</u>	11
2.6	<u>Ventilation</u>	11
2.7	<u>Wall Mounting</u>	11
3.	<u>Installation</u>	12
3.1	<u>Unpack the Fire</u>	12
3.2	<u>Prepare the Fire Fit</u>	12
3.3	<u>the Closure Plate</u>	13
3.4	<u>Gas Connection</u>	13
3.5	<u>Install the Fire</u>	14
3.6	<u>Fit the Radiants</u>	15
3.7	<u>Check Gas Pressure</u>	15

3.8	<u>Re-fit the Outer Case</u>	16
3.9	<u>Check Control Tap Operation</u>	17
3.10	<u>Test for Spillage</u>	18
3.11	<u>Complete the Installation</u>	18
Servicing Instructions - for the Installer		
4.	<u>Routine Maintenance</u>	18
4.1	<u>Remove the Fire</u>	19
4.2	<u>Clean the fire/opening</u>	19
4.3	<u>Refit the Fire</u>	19
5.	<u>Replacement of Parts</u>	20
5.1	<u>General Access</u>	20
5.2	<u>Radiants</u>	20
5.3	<u>Lint Guard</u>	20
5.4	<u>Burner</u>	20
5.5	<u>Thermocouple/Electrode</u>	20
5.6	<u>Gas Tap/Injectors/Piezo Unit</u>	20
6.	<u>Short List of Spares</u>	22
Models covered by these Instructions.		
Name	G.C. No.	
<i>Mahogany Finish</i>		
Allure ASD	32 467 12	
Brava 2 ASD	32 590 13	
Charm ASD	32 467 14	
<i>Painted Finish</i>		
Decor ASD	32 467 15	
Esquire ASD	32 393 01	
<i>Teak Finish</i>		
Allure ASD	32 590 14	
Brava 2 ASD	32 590 15	
Charm ASD	32 590 16	

Introduction & Information

- The Allure, Brava 2, Charm, Decor and Esquire are traditional style radiant gas fires, they are lit by a piezo spark igniter so batteries or electricity are not required.
- The fire is fitted with two safety features:-
 1. A Flame Supervision device that will shut down the fire if the main gas supply is interrupted for any reason. The gas supply from the tap to the burner will not restore until the fire is re-lit.
 2. An ASD burner device that will shut down the fire if the flue/chimney fails to operate correctly, e.g. blocked flue. If the fire shuts down frequently and gas supply interruption is not the cause then the flue/ chimney MUST BE inspected and corrective action taken.
- If the fire does go out for any reason or is turned off, it must NOT be re-lit for 3 minutes.
- Due to the newness of the components, an odour will be noticeable when the fire is first lit after installation. This is quite normal and will disappear after a few hours use.
- Based on the requirements of the Gas Safety(Installation & Use) Regulations 1998 (section 30.3.b.), this fire can be installed in a room intended as or used as sleeping accommodation.
- A Handicapped Persons control knob is available for this fire, see Page 22 for details.

• **Please take time to read through these instructions to familiarise yourself with the fire.**

- This fire **MUST NOT** be installed without its Closure Plate, this is a metal plate installed behind the fire.
- Samples of the Allure, Brava 2, Charm, Decor & Esquire gas fires have been examined by BG Technology, Certification Services, a United Kingdom Notified Body. The range is certified to comply with the essential requirements of the Gas Appliance Directive and is therefore permitted to carry the CE Mark.
- The guard on this fire acts as a fireguard conforming to BS 1945:1971 and satisfies the Heating Appliances (Fireguard) (Safety) Regulations 1991. It **DOES NOT** give full protection, additional protection against injury from burns can be provided by fitting a fireguard which complies with the requirements of BS 6539: Fireguards for use with Solid Fuel Appliances.
- Heating appliances can get very hot when in use so the young, infirm or elderly should be carefully supervised when in the same room as the fire.
- The fire **MUST NOT** be used if the dressguard is missing.
- The fire **MUST NOT** be used if any of the radiants are broken or missing.
- Only radiants designed for use in this fire can be fitted and used.
- The underside of the fire **MUST NEVER** be obstructed.
- **NEVER** throw rubbish into the radiants.
- The hearth below and in front of the fire must **NEVER** be covered with combustible flooring or materials.
- Clothes etc., must **NEVER** cover the convection air outlet at the top of the fire.
- Always ensure the fire is cold before touching any parts other than the controls.
- Certain types of wall coverings e.g. Blown Vinyl, are easily affected by heat. They may shrink and discolour when close to a heating appliance. Please bear this in mind when installing the appliance or redecorating the room.
- Because of the way hot air circulates naturally convected heat from the fire, dust or tobacco smoke particles in the air will draw towards the wallcovering around the fire and may discolour it
- Running Costs. To work out the approximate running costs per hour for this fire, perform the following calculation:-

Heat Input in kW x Cost Per kWh = Running Cost Per Hour

Heat inputs for the various settings are shown in the Technical Data & Costs per kWh are shown on your gas bill.

IMPORTANT: IF IT IS KNOWN OR SUSPECTED THAT A FAULT EXISTS ON THE APPLIANCE, IT MUST NOT BE USED UNTIL THE FAULT HAS BEEN CORRECTED BY A COMPETENT PERSON.

WARNING: For your own safety and to ensure correct operation and maximum efficiency from your fire you must only fit radiants designed and supplied for use with this fire.

WARNING: The use of replacement parts on this appliance which are not recommended by Potterton may affect the product safety, performance and warranty.

We recommend that replacement parts be obtained only from Curzon branches or other recognised Potterton spares outlets.

Health & Safety Information

Under the Consumer Protection Act 1987 and Section 6 of the Health & Safety at Work Act 1974, we are required to provide information on substances hazardous to health.

- Small quantities of adhesives and sealants used in the product are cured and present no known hazards.

Read Through Before Lighting or Operating

IMPORTANT:

The fire can be lit by using a taper but this method must ONLY be used if the piezo spark igniter fails to work.

The igniter must then be replaced as soon as possible.

WARNING:

For your safety do NOT light the fire if any of the radiants are broken or missing.

Obtain replacements straight away.

To Light the Fire

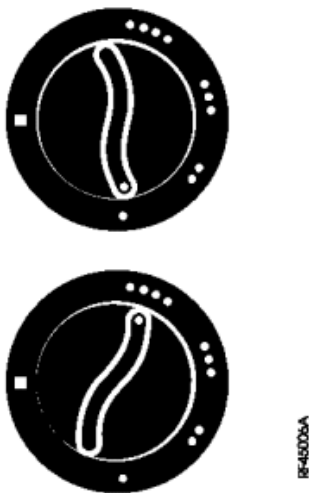


Fig.1

If lighting the fire for the first time or if the gas has been turned off at the mains, it may be necessary to operate the ignition sequence several times before the fire lights.

The setting position indicators are on the plastic bezel around the outside of the control knob.

1. Push the fire control knob in and turn it anti-clockwise past the '●' setting. As the '●' setting is reached, resistance will be felt and a loud click will be heard as the '●' setting is passed, this is the ignition unit operating and the fire should now be lit. Keep the knob pushed in for 10 seconds then release, the fire will remain alight.

Note: If the fire does not light, keep the knob pushed in and turn it back to the '■' (Off) position and repeat operation a) until the fire lights.

2. With the fire alight, push in the control knob and turn it to setting '●●●●' and allow the fire to heat up for a few minutes. The control knob may now be turned to the desired setting.

To Light with a Taper

1. Light the taper, then push in and turn the control knob anticlockwise to the '●' setting and apply the taper to the bottom of one of the centre radiants, keep the knob pushed in for 10 seconds then release.

2. With the fire alight, release the control knob and turn it to setting '●●●●' and allow the fire to heat up for a few minutes. The control knob may now be turned to the desired setting.

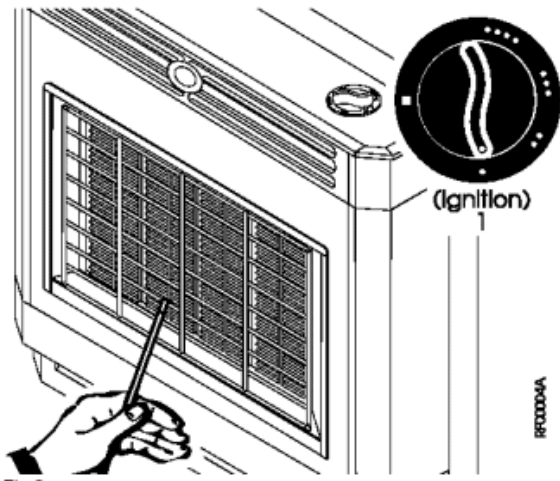


Fig.2

Page 4

To Alter the Settings

The fire is provided with four control settings in addition to OFF.

Description of Settings

Setting ' ●●●● ' ,

This is the maximum setting with all four radiants full on.

To reduce the heat, turn the control knob clockwise towards ' ●●● ' , at which point a stop will be felt.

Setting ' ●●● ' ,

' At this setting the two centre radiants are full on and the two outer radiants are at approximately half rate.

To reduce the heat further, push in the control knob and turn it clockwise towards

' ●● ' ,

Setting ' ●● ' ,

At this setting the two centre radiants are full on and the two outer radiants are off.

To reduce the heat further, push in the control knob and turn it clockwise to ' ● ' .

Setting ' ● ' ,

This is the lowest practical setting for the fire. Do not turn the control knob below this point unless turning off the fire.

Note: When turning the fire up from ' ●● ' , always turn it to ' ●●●● ' first to ensure that the outer radiants relight then turn the knob to the required setting. The control knob can be set anywhere between the marked settings.

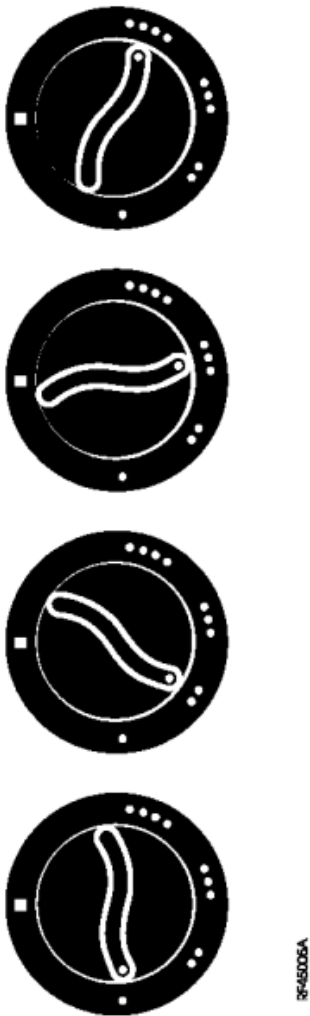


Fig.3

To Turn Off the Fire

Push and turn the control knob clockwise to the '■' (off) position.

To re-light the fire follow the full lighting instructions under "To light the fire".



Fig.4

Fitting the Radiants

To Fit the Radiant(s)

1. Pull at the top middle of the dress guard with one hand and carefully spring out one end of the guard with the other, lift slightly and remove **taking care not to scratch the trim**.
2. Carefully insert the top of the radiant(s) under the firebox canopy then lower down onto the support rail.

3. Re-fit the dress guard and light the fire to ensure correct operation.

To Remove the Radiant(s)

1. Remove the dress guard as shown above.
2. Carefully remove the radiant(s) as follows, tip forward, lift up and swing out from the bottom to remove from the fire.

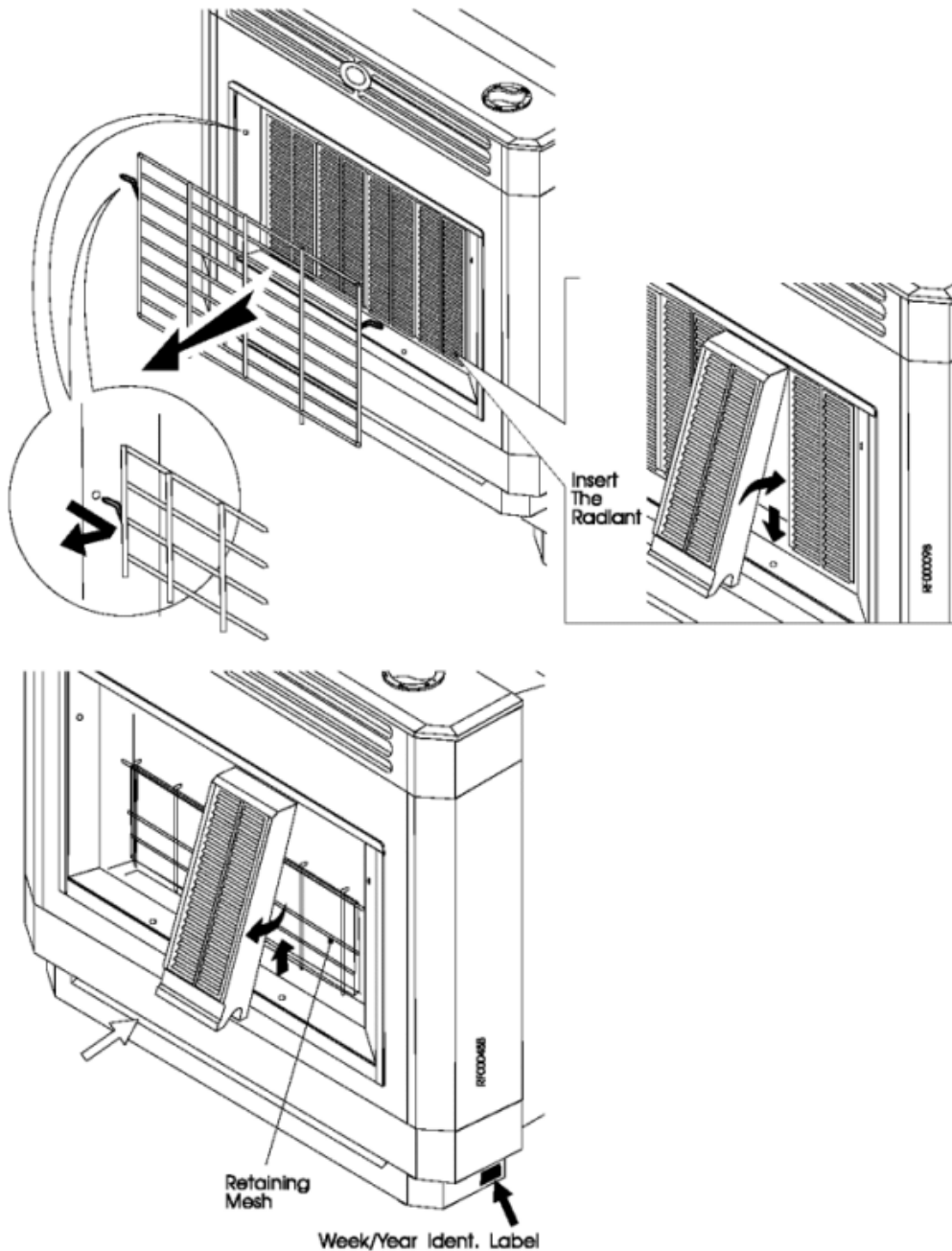


Fig. 5

Page 6

Care of your Appliance

Before cleaning, ensure the fire is turned OFF and has been left to cool for approximately two hours. In the interests of hygiene, please wash your hands after handling the ceramics and/or any cleaning agents.

Metal and Painted Parts: A light spray from a silicone based polish and a rub over with a dry lint free cloth will remove any marks.

Clean the reflector panels regularly, remove the dress guard first

DO NOT USE ABRASIVE CLEANERS - THEY WILL SCRATCH THE SURFACES.

Wood Panels: A light spray from a silicone based polish and a rub over with a dry lint free cloth will remove any marks.

Radiants: Should the soot accumulation become excessive, the radiant pieces should be removed from the fire and placed on a non-combustible surface for cleaning.

Cleaning should be carried out in a well ventilated area or in the open air, by gently brushing (these items are fragile) 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.

As with all gas appliances, to ensure long life and safe, trouble free operation, your appliance must be inspected and serviced at regular intervals by competent persons such as C.O.R.G.I. Registered Personnel.

This should include a check to ensure continued clearance of combustion products and that there is no excessive build up of soot or debris that may have come down the chimney.

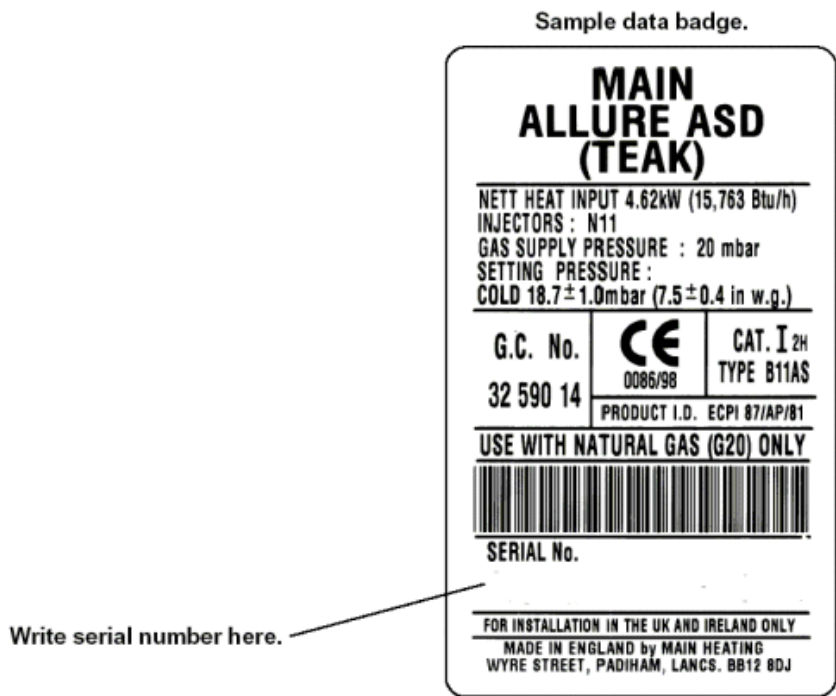
Any purpose provided ventilation should be checked periodically to ensure that it is free from obstruction.

The frequency of servicing will depend upon the particular installation conditions and usage but in general, once per year should be adequate.

If service or spare parts are required, always quote the Appliance Name, Serial Number and G.C. Number shown on the Data Badge.

We recommend that if you have had access to the data badge you fill in the box opposite. If not, the Week/Year identification label can be seen as shown in [Fig. 5.](#)

This is the end of the User Instructions, Page 8 onwards are for the Installers use only.



1. Product Specification

Maximum Weight - 24.0 kg (52.9 lb)
Packed

2. Installation Requirements

The Installation must be in accordance with the N.H.B.C. Standards for Fireplaces Chimneys and Flues, all relevant Building Regulations issued by the Department of the Environment and the Building Standard (Scotland) (Consolidated) Regulations issued by the Scottish Development Department.

2.1 Fireplace Opening

- The front opening must measure between 305-450 mm wide and 510-620 mm high for brick built flues.
- If larger than this, a surround must be constructed from suitable non-combustible materials to create an opening within these limits.
- There must be a minimum flat area of 20 mm around the opening. This will allow the closure plate to be sealed correctly to the fireplace.
- The hearth must be made of non-combustible material (able to withstand 100 °C) to the dimensions shown in [Fig.7](#), with the fireplace opening centrally located in the 700 mm length.
- The hearth material must be a minimum of 12 mm thick. Its top surface should be preferably 50 mm above floor level in order to discourage the placing of carpets or rugs over it.
- If a fire surround and hearth is to be used it MUST be sealed to the wall and floor to prevent air entrainment which could adversely affect the performance of the fire. The opening in the back panel of the fire surround MUST be cut to 640mm high by 457mm wide regardless of the size of the actual fireplace opening. This will leave room to attach the closure plate to the surround without the tape becoming visible.
- If this fire is to be fitted to a fire surround and hearth with a minimum 100 °C limit the following conditions apply:-

The spigot restrictor on the fire MUST be removed regardless of flue height.

- The fire must NOT be installed without the closure plate provided. The closure plate is specific to this fire, if the fire is moved to a different location at any time, the closure plate must be taken with it or a new one obtained. If this fire is to be connected from the rear, the pipework must be fitted in the fireplace before sealing the closure plate in position.
- This appliance may also be fitted into a Metal Flue Box conforming to the current edition of BS 715 and that is specified by the flue box manufacturer for use with BS 5258:5 gas fires. The dimensions of the flue box must comply with the requirements shown in [Fig. 7](#).

2.2 Combustible Wall Cladding

- If the wall against which the fire is to be mounted has a combustible cladding or surround, the following conditions must be met:-
 1. The cladding must fit snugly to the wall face, any air cavities must be sealed to prevent air leakage into the flue which would spoil the flue pull.
 2. The cladding material must be cut away to leave an area of 660 mm from floor level up and 470 mm about the centre of the fireplace opening. Under no circumstances can it be present inside the fireplace recess or in any other position which will allow direct contact with the hot flue products.
 3. The fire must discharge all its products inside the fireplace opening in the wall. Use a flue spigot extension (not supplied) if necessary.

2.3 Chimneys, Flues and Flue Systems

- The fire may be installed into any of the following with a

Minimum Effective Height of 3 Metres:-

- i. A Conventional 225 mm x 225 mm masonry (brick or stone) chimney. The chimney need not be lined but must be structurally sound and uncracked.
- ii. A Masonry chimney lined with a minimum 125 mm dia. lining conforming to the current edition of Document J of the Building Regulations.
- iii. A Chimney constructed from insulated, factory made flue sections with a minimum 125 mm dia. conforming to the current edition of BS 4543 and installed in accordance with the current edition of BS 7566.

Page 9

iv. A Masonry chimney lined with a minimum 125 mm dia. flexible flue liner conforming to the current edition of BS 715 and installed in accordance with the current editions of BS 5871: 1 and BS 5440: 1. v. A metal flue system with a minimum 125 mm dia. flue conforming to the current edition of BS 715 and installed in accordance with the current editions of BS

5871: 1 and BS 5440: 1.

- The chimney or flue shall be swept unless the previous appliance was a gas appliance.
- Any debris in the base of the fireplace opening must be removed.
- If the flue has been used for solid fuel, any restrictions such as dampers or register plates MUST be removed if possible, or permanently secured in the fully open position.
- Any air supply entering the fireplace opening from below MUST be completely blocked off. e.g. where pipes have been removed from a back boiler unit or where ventilation existed for a solid fuel fire.
- Check that the chimney is properly sealed so that combustion products do not come into contact with combustible materials outside the chimney.
- The flue spigot or a spigot extension (not supplied) up to a maximum of 150 mm long, measured from the back of the fire, must pass through the closure plate and have a minimum clearance of 50 mm between its open end and the nearest obstruction.
- There must be a minimum clearance of 165 mm between the back of the closure plate and the back of the catchment space.
- The height of the catchment space must be a minimum of 250 mm measured from the bottom of the flue spigot to the base of the catchment space or top of any 'bricking up', whichever is least.
- For heights between 250-430 mm, ensure the chimney relief opening in the closure plate is not obstructed. Cut away brickwork if required.

2.4 Pre-Cast Flues

- The fire MUST only be fitted to a properly constructed non-impered pre-cast flue and recess block conforming to BS 1289: 1975, 1986 or 1989. It must have a vertical height of at least 3 m and be properly terminated - see BS 5440.
- The opening should be to the dimensions shown in [Fig.7](#). The closure plate must be fitted to the opening in all installations - See [Section 3.3](#).

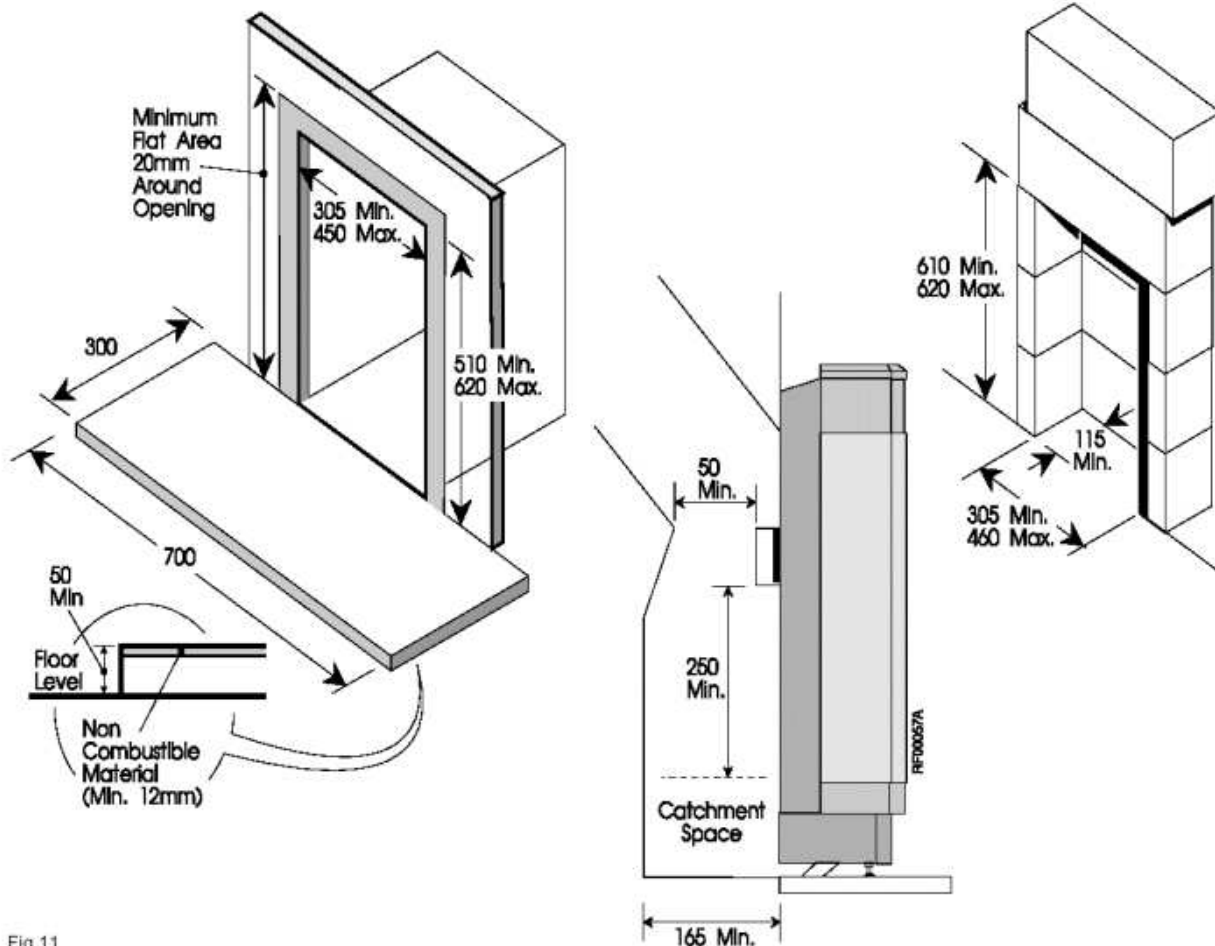


Fig.11

Fig.11

2.5. Clearances

A shelf may be fitted 100 mm above the top point of the fire provided that it does not stand out from the wall more than 150 mm.

Alternatively, for every 10 mm added to the minimum height clearance, the shelf depth can be increased by 10 mm, (e.g. Shelf Height 120 mm, Shelf Depth 170 mm) up to a maximum depth of 180 mm.

For servicing purposes and operation of the fire, no wall or panel can be closer than 115 mm to both the left and right hand sides of the fire (896 mm about the centre).

Any combustible side wall should be at least 500 mm from the radiant source.

If this is not possible, the combustible side wall should be suitably protected.

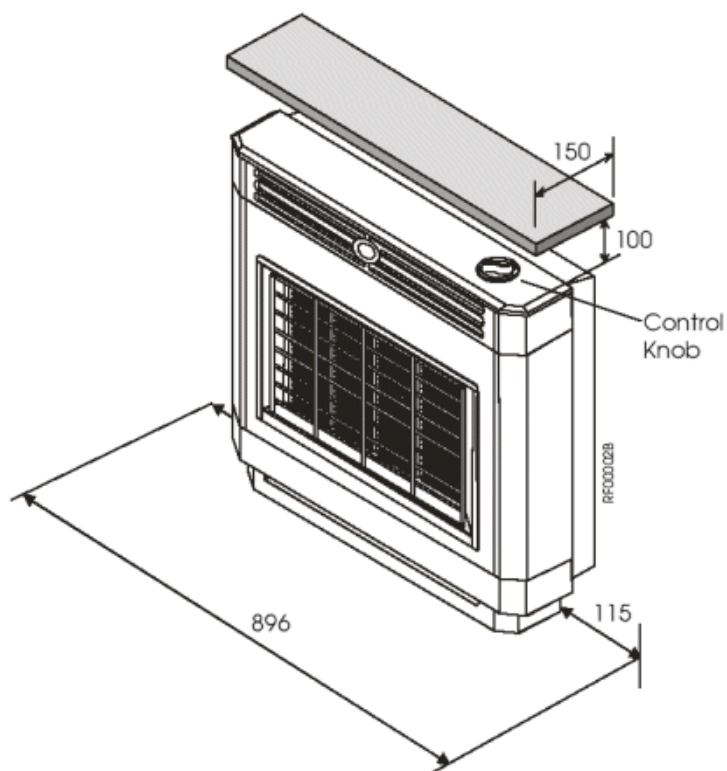


Fig.8 All dimensions in mm

2.6. Ventilation

When installed in GB: This fire does not require the room to have purpose provided air vent, unless there is an extraction fan fitted in the premises, which when in operation gives a negative result to the spillage test once the fire is installed.

When installed in IE: This fire requires a permanent ventilation minimum effective area that complies with the requirements of ICP3.

2.7 Wall Mounting

If the fire is to be wall mounted over a combustible hearth or floor the bottom of the fire casing **MUST** be at least 100 mm above the level of the hearth or floor covering.

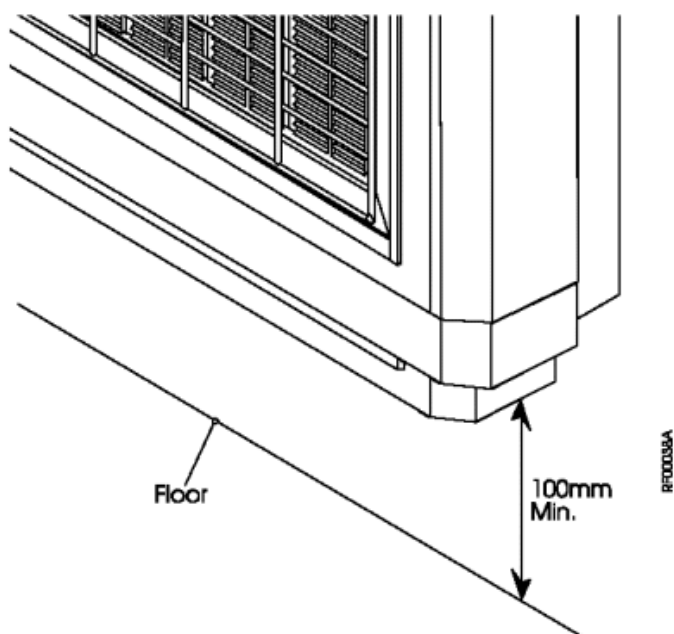


Fig.9

3. Installation

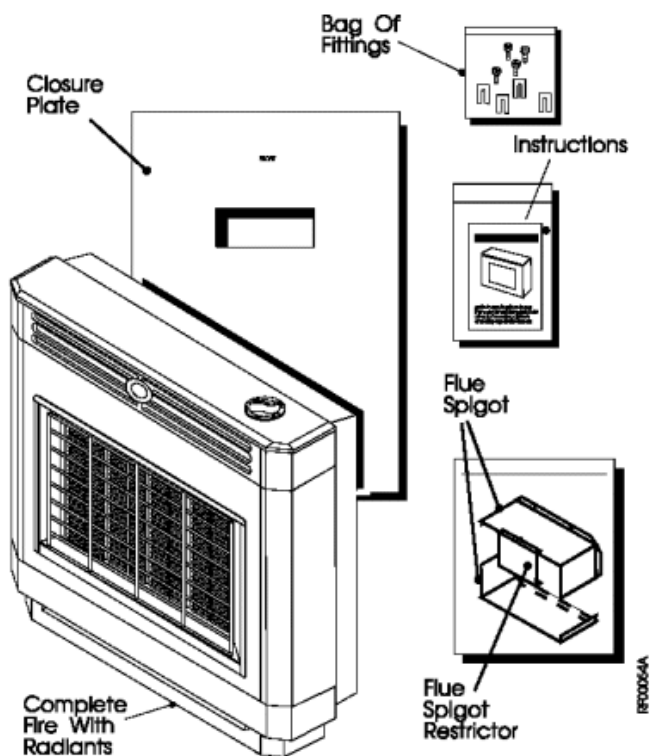


Fig.10

3.1 Unpack the Fire

The fire is supplied in 1 pack.

This pack contains:-

- The Complete Fire with Radiants
- Closure Plate
- Poly Bag containing the Flue Spigot (2 Halves) c/w Restrictor
- A Bag of Fittings.
- These Instructions

If any parts are damaged or missing please contact the Parts Division using the Spares Enquiries phone number shown on the rear cover of these instructions.

Do Not discard the packaging until all items are accounted for or the fire is installed.

3.2 Prepare the Fire

1. Pull off the control knob
2. Remove the two screws and washers securing the case. Pull the bottom edge outwards and lift to disengage from its location points.
3. Remove the radiants pack complete and store in a safe place until required.
4. Fix the 2 halves of the flue spigot around the outlet and secure with the 4 No. 8 screws supplied in the small poly bag. The section with the restrictor attached must be at the top.

Note: The restrictor must be removed if:-

- The effective flue height is less than 4.3 m.
- The fire is to be installed in a pre-cast flue.
- The fire is to be installed in a fire surround & hearth with a minimum 100 °C limit

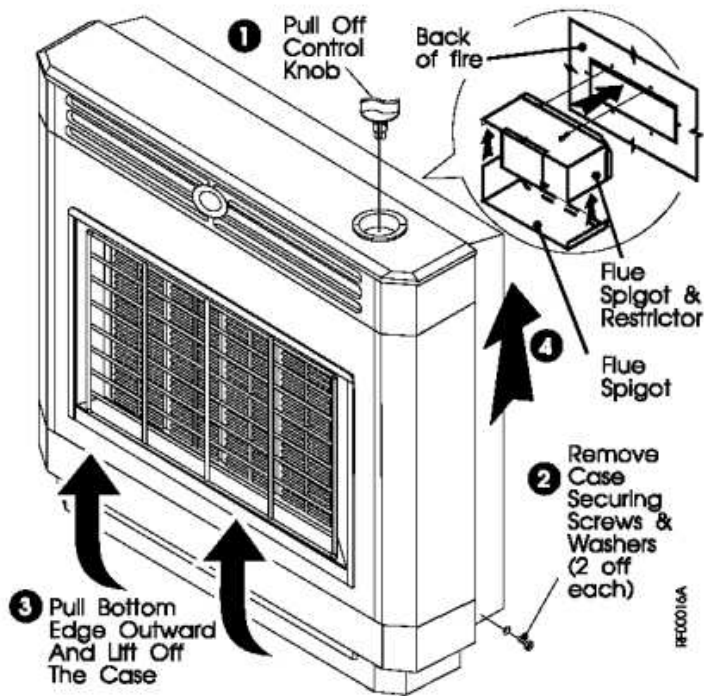


Fig.11

Page 12

3.3 Fit the Closure Plate

The closure plate **MUST** be fitted in all installations.

If the gas supply to this fire is to be connected from the rear, the pipework must be fitted in the fireplace before sealing the closure plate in position.

Trim the closure plate so that it projects about 6 mm above the fireplace opening. Place the closure plate centrally in front of the opening and tape round all four sides of the plate with an approved heat resistant adhesive tape. Do not obstruct the air relief opening.

Check for flue pull by inserting a lighted spill, match or smoke match to the spigot opening. If there is a definite flow into the opening, proceed with the installation. If not, heat the flue for about two minutes then re-check.

If there is still no definite flow, the flue may require attention. **DO NOT PROCEED ANY FURTHER WITH THE INSTALLATION -SEEK EXPERT ADVICE.**

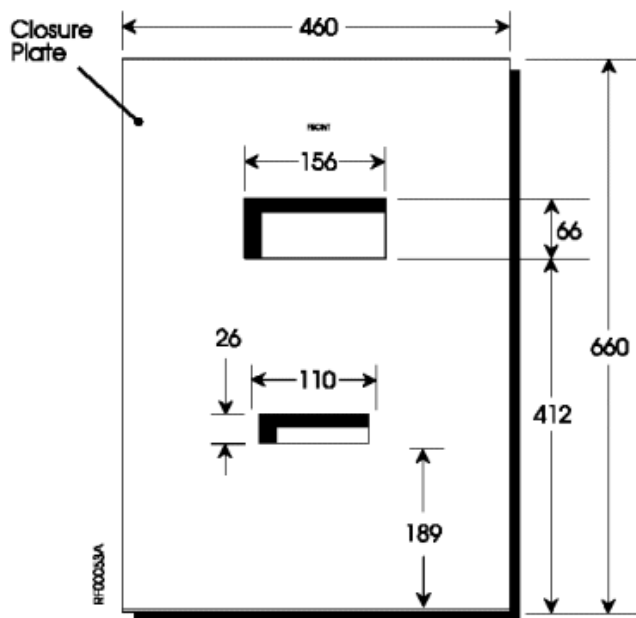


Fig.12 All Dimensions In mm

3.4 Gas Connection

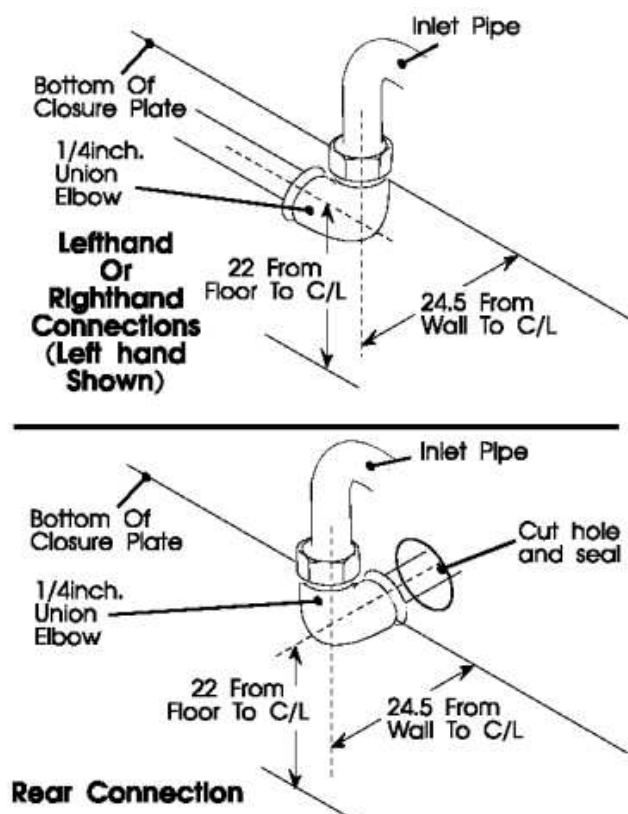
The appliance must be connected using rigid tubing

Note: In all installations, a means of isolating the main gas supply must be fitted close to the fire for servicing.

The gas inlet is on the bottom rear centre of the fire. An Rc $\frac{1}{4}$ ($\frac{1}{4}$ in BSP internal taper) union elbow is provided and a suitable supply can be directed from the left, right or rear of the fire.

For left or right hand connections, the pipework should be easily removable so the fire can be taken out for servicing.

For rear connections, a suitable hole will have to be cut (at the centre of the plate and 22 mm up from base level) in the closure plate and sealed around once the supply pipe has been fitted.



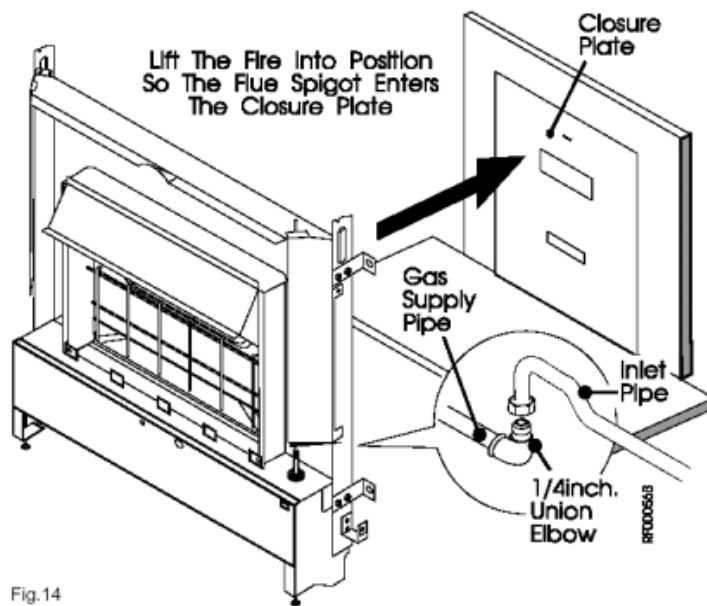


Fig.14

Fig.14

3.5 Install the Fire

This fire can either be hearth or wall mounted

Hearth Mounting

1. Carefully push or lift the fire towards the closure plate so the flue spigot enters the spigot opening.
2. Align the union elbow as required and connect to the gas supply.

Turn ON the gas supply and test all joints for gas soundness - BS 6891.

Wall Mounting

The dimensions for the flue spigot to nearest obstruction, closure plate to rear of catchment space and bottom of flue spigot to base of catchment space are as shown on Page 10.

1. Place the closure plate centrally in front of the opening with the screw heads outwards. A clear passage for the air relief must be maintained. Trim the closure plate so that it projects about 6 mm above the fireplace opening. Re-position the plate and tape round all four sides of the plate with an approved heat resistant adhesive tape. Do not obstruct the air relief opening.
2. Drill the four mounting holes to the dimensions shown in Fig.15. Plug and insert No.12 x 2" woodscrews (plugs and screws not supplied), leave the screws proud by 5 or 10 mm.
3. Carefully lift the fire and position so the mounting brackets locate over the screw heads and that the flue spigot enters the cut out in the closure plate.
4. Slot the four special washers over the screws between the screw heads and the mounting brackets. Push the fire up against the wall and fully tighten the screws. As the fire is pushed up against the wall and the screws are tightened, the closure plate will seal around the flue spigot.
5. Align the union elbow as required and connect to the gas supply.

Turn ON the gas supply and test all joints for gas soundness - BS 6891.

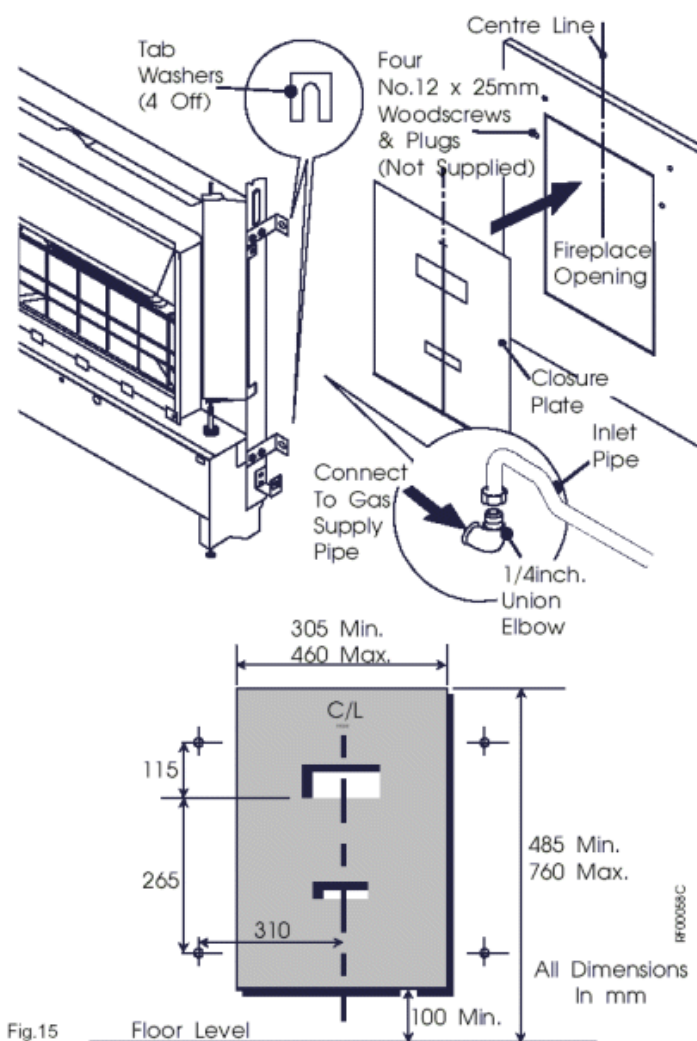


Fig.15

Fig.15

Page 14

3.6 Fit the Radiants

Read Page 6 before installing the radiants.

1. Carefully unpack the radiants.
2. Ensure that the mesh is correctly positioned against the firebox insulation as shown.
3. Insert the top of each radiant under the firebox canopy then lower down onto the support rail.

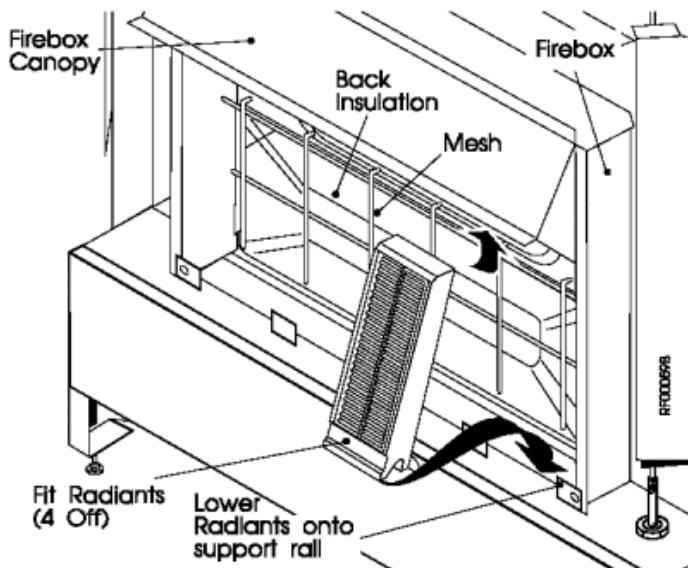


Fig.16

3.7 Check Gas Pressure

The burner pressure is not adjustable but must be checked as follows:

1. Loosen the centre screw and remove the burner heatshield. Remove the pressure test point screw and connect a pressure gauge.
2. Push on the control knob and turn on the fire service cock.

If lighting the fire for the first time or if the gas has been turned off at the mains, it may be necessary to operate the ignition sequence several times before the fire lights.

3. Push the fire control knob in and turn it anti-clockwise past the '●' setting. As the '●' setting is reached, resistance will be felt and a loud click will be heard as the '●' setting is passed, this is the ignition unit operating and the fire should now be lit. Keep the knob pushed in for 10 seconds then release, the fire will remain alight.

Note: If the fire does not light, keep the knob pushed in and turn it back to the '■' (Off) position and repeat operation c) until the fire lights.

4. When the fire is lit push in the control knob and turn it anticlockwise to setting '●●●●'. Check the gas pressure, it should be:- 18.7 ± 1.0 mbar (7.5 ± 0.4 in w.g.)

Note: This pressure will only be obtained if the incoming pressure is 20 mbar (8 in wg).

5. Check the size of the thermocouple flame, when lit the flame should just cover the thermocouple tip.

6. Push in and turn the control knob clockwise to the '■' (off) position. Disconnect the pressure gauge and refit the test point screw. Light the fire, test for gas soundness on all gas carrying components then turn the fire Off. Refit the burner heatshield and secure.

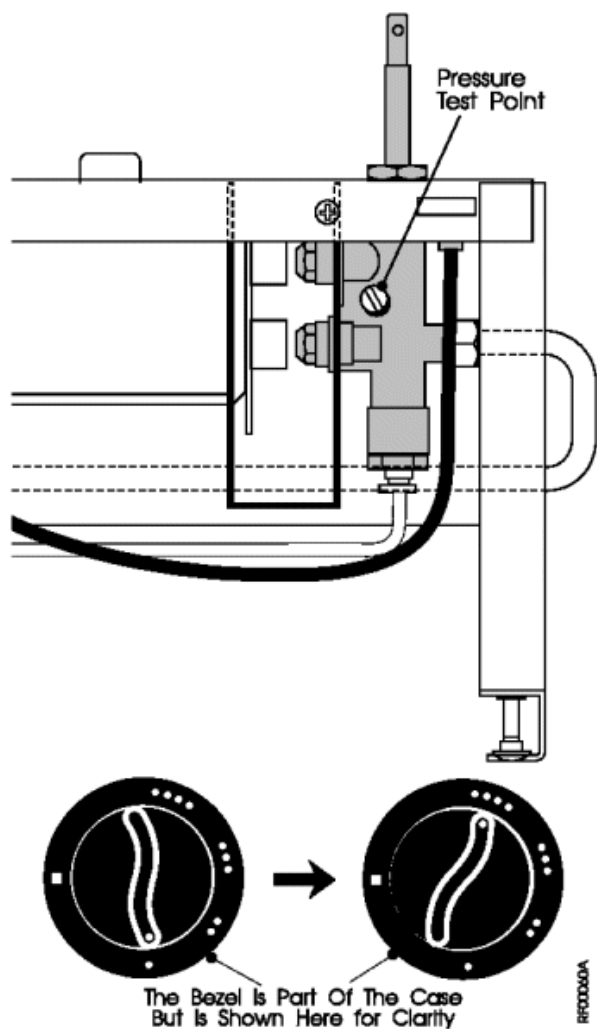


Fig.17

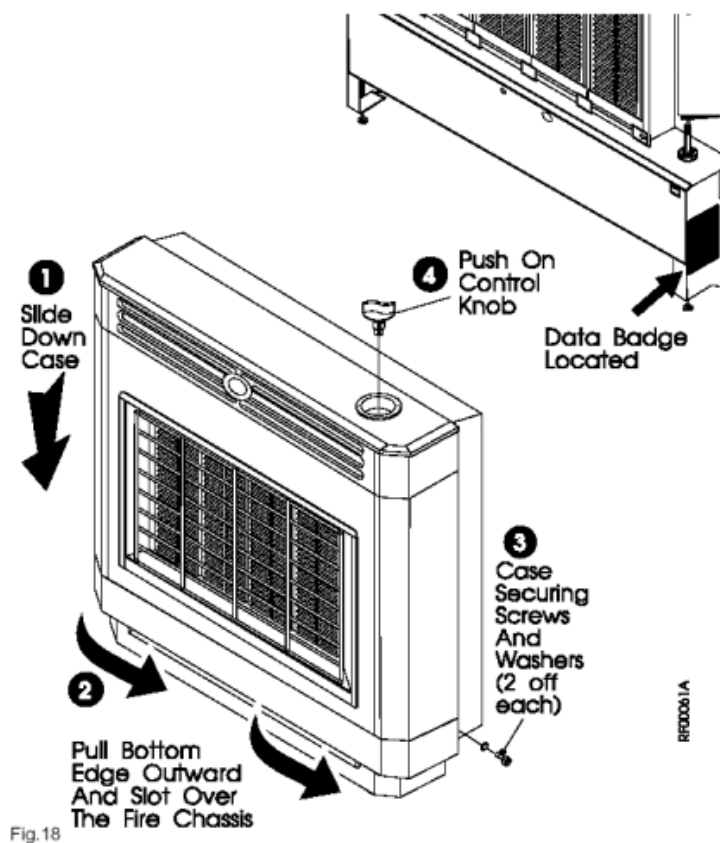


Fig.18

3.8 Re-fit Outer Case

- Before re-fitting the outer case, show the user the position of the data badge.
- Advise them that for future reference they write the serial number in the space provided on Page 7.
- Pull off the control knob.
- Re-fit the outer case and secure using the screws previously removed.
- Push on the control knob and re-light the fire.

3.9 Check Control Tap Operation

Setting '●●●●'

This is the maximum setting with all four radiants full on.

To reduce the heat, turn the control knob clockwise towards '●●●●', at which point a stop will be felt.

Setting '●●●●'

At this setting the two centre radiants are full on and the two outer radiants are at approximately half rate.

To reduce the heat further, push in the control knob and turn it clockwise towards '●●●●'.

Setting '●●●●'

At this setting the two centre radiants are full on and the two outer radiants are off. To reduce the heat further, push in the control knob and turn it clockwise to '●●●●'.

Setting '●●●●'

This is the lowest practical setting for the fire. Do not turn the control knob below this point unless turning off the fire.

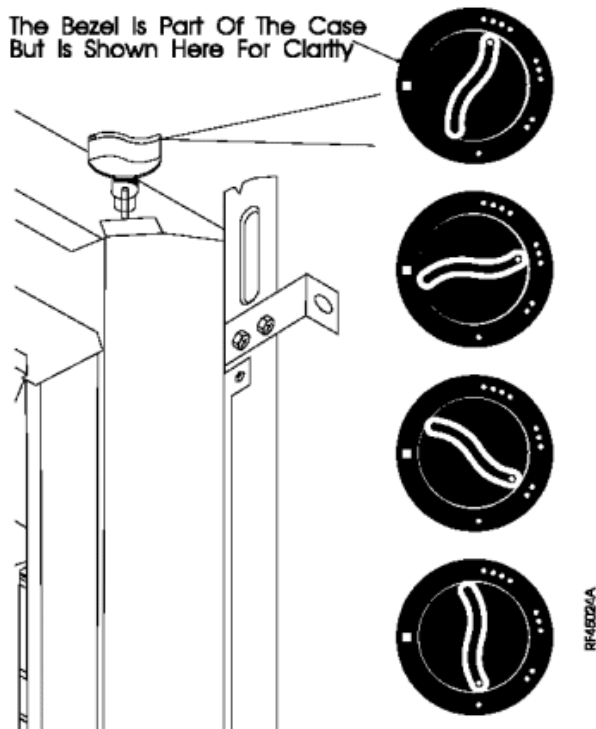


Fig.19

Page 16

3.10 Test for Spillage

1. Close all doors and windows, re-light the fire and turn to setting '●●●●'.
2. After 5 minutes light a smoke match (in a smoke match holder) and insert horizontally till the tip lines up with the front top hole in the firebox canopy - see [Fig. 20](#). The smoke should be drawn into the fire. If it is not drawn into the fire, remove the fire and remove the spigot restrictor (1 screw). Refit the fire and re-perform the test.
3. If there is an extraction fan in any room, this must be turned on and any doors between it and the fire left open, re-perform the test.
4. If in doubt, a re-check can be made after a further 10 minutes from lighting from cold.
5. If the test still shows spillage, DISCONNECT THE FIRE AND SEEK EXPERT ADVICE.
6. If the test is successful, turn the fire off and complete the installation.

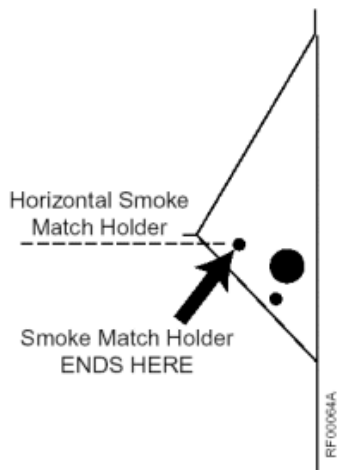


Fig.20

3.11 Complete the Installation

- In the interests of hygiene please wash your hands on completion of the installation.
- Hand the Instructions to the consumer and explain the following points:-
 1. That they should read the users section before operating the fire and always follow the advice given.
 2. How to light the fire and how to alter the settings. Also how to light the fire using a taper. See [Page 4](#).
 3. The procedure for replacing the radiants, and that the fire must not be used if any of the radiants are missing or broken.
 4. That any smell emitted from the fire is due to the 'newness' and will disappear as it is used.
 5. That inspection and servicing should be carried out at regular intervals as recommended by your local C.O.R.G.I. Registered Installer. See [Page 7](#).
 6. If service or spare parts are required, always quote the Appliance Name, Serial Number and G.C. Number shown on the Data Badge.
 7. That certain types of wall coverings, e.g. Blown Vinyl, are easily affected by heat. They may shrink and discolour when close to a heating appliance. They should bear this in mind when decorating the room. Also, because of the way hot air circulates naturally convected heat from the fire, dust or tobacco smoke particles in the air will draw towards the wallcovering around the fire and may discolour it.

Leave these Instructions with the User for use on future calls.



Fig.21

Page 17

4. Routine Maintenance

To ensure continued efficient operation of the appliance, it is recommended that it is checked and cleaned as necessary at regular intervals. The frequency of servicing will depend upon the particular installation conditions and usage, but in general once per year should be adequate. It is the law that any service work must be carried out by a competent person such as C.O.R.G.I. Registered personnel.

The following aspects of the fire and installation should be examined and rectified as necessary.

- Run the fire and check the operation of its controls and observe the flame picture.
- Remove any dust or debris from the burner.
- Examine the burner injectors and ensure they are clear and undamaged.
- Carry out a spillage test, see [Section 6](#), Page 17.
- Remove the fire and closure plate and clear the opening of dust and debris.

The fire data badge will be visible after removing the outer case.

On completion of the service run the fire and ensure that it operates correctly.

WARNING: Before commencing work turn the fire off and allow it to cool.

IMPORTANT: Always test for gas soundness after completing any servicing of gas carrying components and carry out functional checks of controls.

4.1 Remove the Fire

1. Isolate the gas supply to the fire.
2. Pull off the control knob
3. Remove the two screws and washers securing the case. Pull the bottom edge outwards and lift to disengage from its location points.

4. Carefully remove each radiant as follows, tip forward, lift up and swing out from the bottom to remove from the fire. Put the radiants in a safe place.
5. Undo the union nut securing the gas tap inlet pipe to the top of the union elbow.
6. If wall mounted, loosen the four fixing screws in the wall and remove the four special washers.
7. Remove the fire by carefully pulling or lifting it forward away from the fireplace.

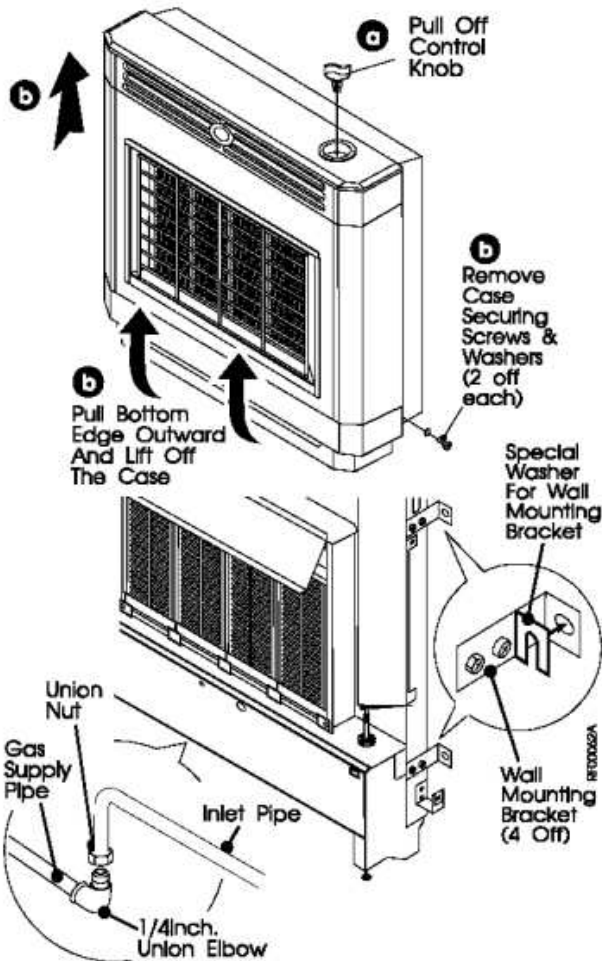


Fig.22

Page 18

4.2 Clean the Fire & Fireplace Opening

1. Brush off dust and any deposits from the radiants. Examine each one and replace any that are broken or cracked.
2. Check the wire mesh retaining the firebox insulation. This must be as flat as possible to ensure correct positioning of the radiants. If bowed outwards, lift out the wire mesh, and rectify by exerting gentle pressure on the centre of the mesh. If a slight depression results, this is acceptable.
3. Remove the lint guard and burner assembly - See 5.3 & 5.4.
4. Examine the burner and brush off any deposits. Check that the flame ports are clear. Any blockage may be removed with a fine wire brush.
5. Unscrew the injectors from the gas tap and clean by blowing through or washing. Do **NOT** clear an injector with a pin or wire.
6. Refit the injectors using a small amount of jointing compound on the threads.

7. Re-fit the burner assembly.
8. Remove the closure plate and clear out the fireplace opening of any dust or debris.

4.3 Re-fit the Closure Plate & Fire

1. Re-attach the closure plate to the opening and seal around all four sides using a suitable approved tape.
2. Carefully push or lift the fire towards the fireplace so the flue spigot enters the closure plate.

If wall mounted, ensure that the fixing screws in the wall go through the four brackets on the outside of the fire, slot the four special washers over the screws and fully tighten the screws.

3. Connect the inlet pipe union nut to the union elbow. Open the isolation tap and test the joints for gas soundness.
4. Re-fit the radiants. Insert the top of each radiant under the firebox canopy then lower down onto the support rail.
5. Fit the control knob, light the fire, test all gas connections for gas soundness and check the control tap operation.
6. Remove the control knob. Re-fit the case and secure using the screws and washers previously removed.
7. Re-fit the control knob and perform the spillage test as shown in [Section 3.10](#).
8. Wipe over the case and clean the reflectors and dress guard if necessary.

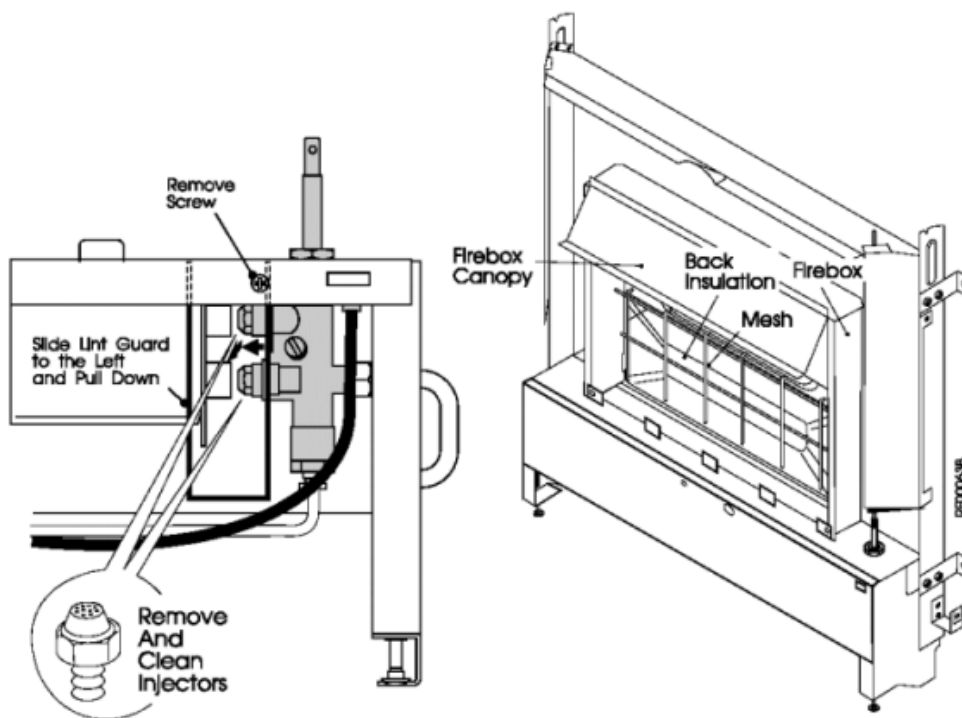


Fig.23

Page 19

5. Replacement of Parts

WARNING: Before commencing work turn the fire off and allow it to cool.

IMPORTANT: Always test for gas soundness after completing any replacement of gas carrying components and carry out functional checks of controls.

Re-assemble all parts in reverse order.

5.1 Radiant Replacement

1. Pull at the top middle of the dress guard with one hand and spring out one end of the dress guard with the other, lift slightly and remove **taking care not to scratch the trim**.
2. Remove the radiant(s) as follows, tip forward, lift up and swing out from the bottom to remove from the fire. Check the wire mesh retaining the firebox insulation. This must be as flat as possible to ensure correct positioning of the radiants. If bowed outwards, lift out the wire mesh, and rectify by exerting gentle pressure on the centre of the mesh. If a slight depression results, this is acceptable.
3. Insert the top of each radiant under the firebox canopy then lower down onto the support rail.
4. Re-fit the dress guard and light the fire to ensure correct operation.

5.2 General Access

1. Pull off the control knob
2. Remove the two screws and washers securing the case. Pull the bottom edge outwards and lift to disengage from its location points. Put the case safely to one side.
3. If required, the left and right hand side shields can be removed - two screws each side.
4. Loosen the centre screw and lift off the burner heatshield.
5. Isolate the gas supply at the isolation tap.

5.3 Lint Guard

1. Perform General Access - 5.2
2. Remove the screw securing the guard to the gas tap.
3. Pull the guard sideways to clear the injectors then down and out of the fire.

5.4 Burner

- 1 Perform General Access - 5.2 and remove the lint guard - 5.3.
2. Support the burner, loosen the left hand mounting screw and remove the right hand mounting screw, manoeuvre the burner out of the fire.

5.5 Thermocouple/Electrode

1. Perform General Access - 5.2.
2. Remove the screw securing the mounting bracket to the burner rail.

Electrode

1. Disconnect the electrode lead from the electrode.
2. Remove the screw securing the electrode to the bracket.
3. Fit the new electrode and check that the spark gap between the electrode tip and the burner face is 3.0 to 4.0 mm. If necessary, adjustment can be made by gripping the base of the tip with one pair of pliers whilst gently bending the end of the tip with another pair. Take care not to crack the ceramic insulator.

Thermocouple

1. Release the thermocouple connection at the base of the gas tap.
2. Remove the nut securing the thermocouple to the bracket.

Notes on Re-assembly: DO NOT overtighten the thermocouple connection at the gas tap, finger tight and a quarter turn will be sufficient.

5.6 Gas Tap/Injectors/Piezo Unit

Replacement gas taps are supplied with piezo unit

1. Perform general access - 5.2. Also remove the lint guard and burner - 5.3 & 5.4.
2. Disconnect the electrode lead from the electrode.
3. Unscrew the thermocouple from the base of the tap.
4. Disconnect the gas inlet pipe from the gas tap.
5. Remove the split pin and disconnect the control rod from the gas tap.
6. Remove the locknut securing the tap to the burner rail and remove the tap.
7. Unscrew and transfer the injectors unless fitting new ones.

Notes on Re-assembly: DO NOT overtighten the thermocouple, finger tight and a quarter turn will be sufficient.

Notes on Re-assembly: Use a small amount of jointing compound on the injector threads.

Piezo Unit

1. Perform steps 1 - 7 shown above.
2. Carefully remove the circlip.
3. Turn the piezo unit slightly and lift off the tap.
4. Re-assemble in reverse order, ensure that the piezo unit is located over the screw heads in the top of the tap.

Page 20

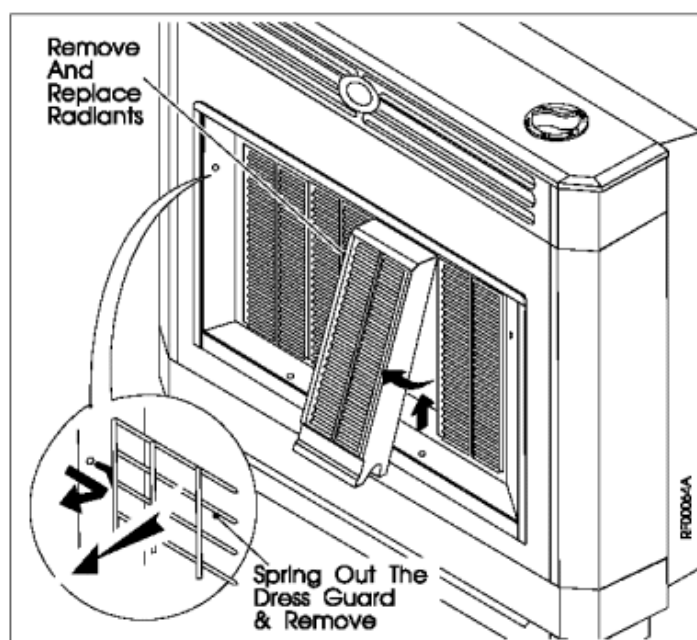
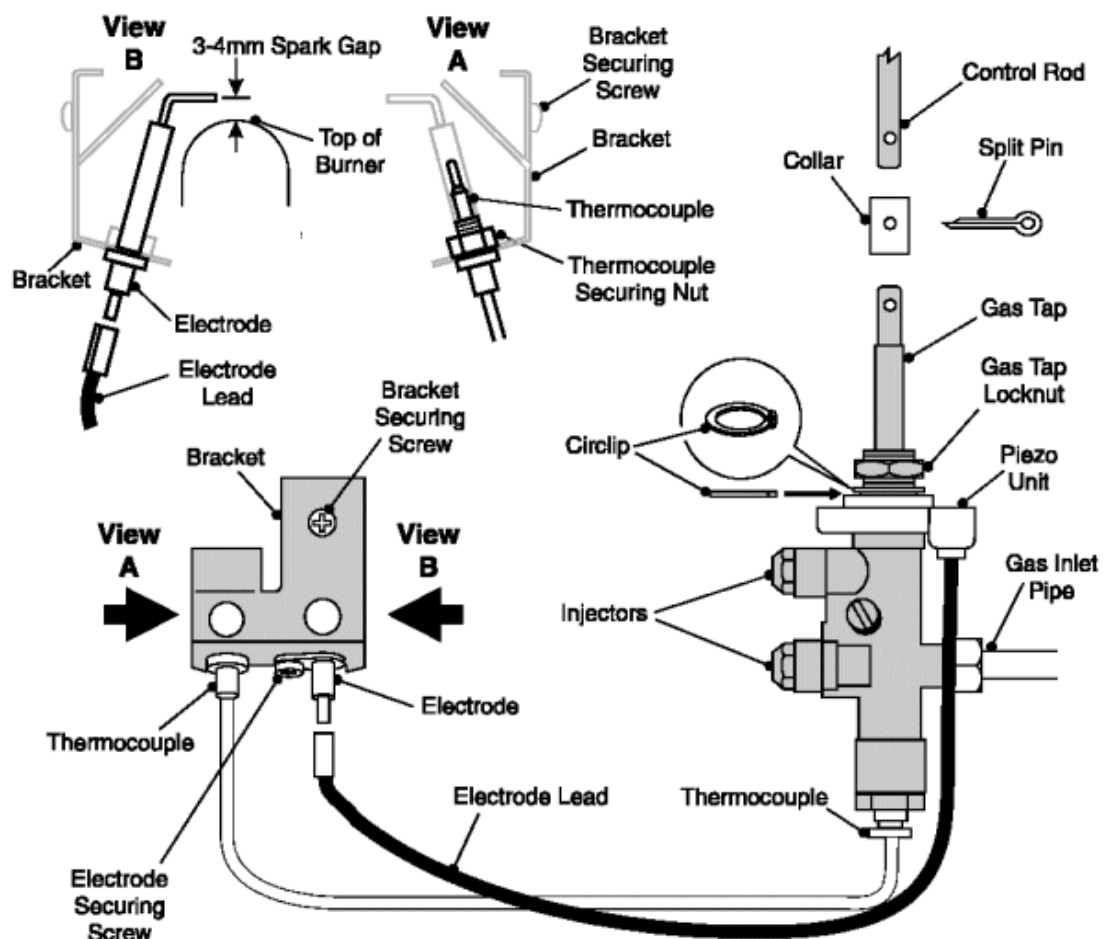
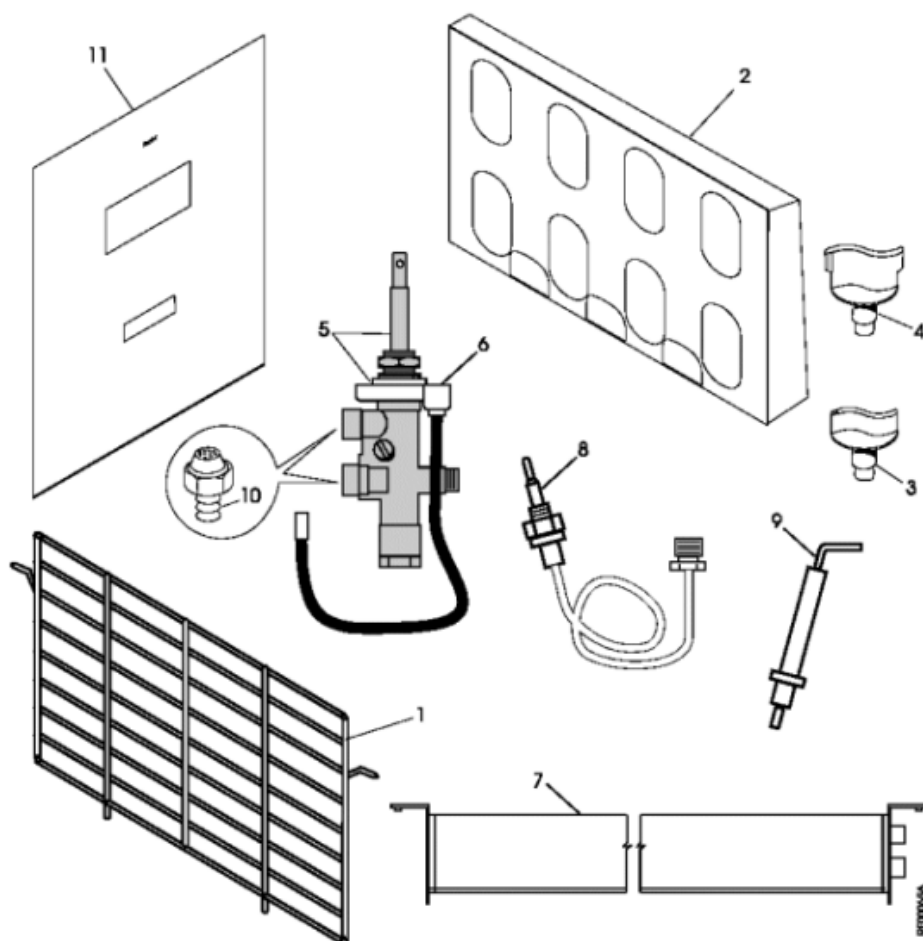


Fig.24

6. Short List of Spares



For availability of individual radiants please contact the Potterton Parts Division

Fig.25

Drg. Ref.	G.C. No	Description	No Off	Makers Part No
1	127 288	Dress Guard	1	960/759
2	192 154	Radiant Pack Complete (contains 4 radiants)	1	816-2/9808
3	127 289	Control Knob Assembly	1	960/1051
4	127 290	Control Knob Assembly - Handicapped Persons	1	960HP/1051
5		Gas Tap Assembly c/w Piezo Unit	1	786/1044
6		Piezo Unit	1	786/9387
7		Burner Assembly	1	786/420
8		Thermocouple	1	786/9641
9		Electrode	1	786/9446
10		Injector - N11	2	786/705
11		Closure Plate Assembly	1	786/1942

Page 22

Notes

Page 23

Allure, Brava, Charm, Decor, Esquire

All loose items have been packed by the
Packer identified below

Packers Stamp No.

Sales Enquiries:

Sales Operations
Eastern Avenue,
Team Valley Trading Estate,
Gateshead,
Tyne & Wear. NE11 0PG.

Tel: 0191 491 7500
Fax: 0191 491 7568

Service Enquiries:

Service Operations
Brooks House,
Coventry Road,
Warwick, CV34 4LL.

Tel: 08706 096 096 *
Fax: 01926 410006

Spares Enquiries:

Spare parts are available nationwide via the Interpart
Stockists network.

For your local stockist consult Yellow Pages under
Central Heating.

Trade Support:

Trade Support
Brooks House,
Coventry Road,
Warwick, CV34 4LL.

Tel: 08706 049 049 *
Fax: 01926 410006

Training Administration:

National Training Administrator
Tel: 0845 6007402

Responsible for allocation and booking of all courses
and activities at all training facilities in the UK

Brochure Hotline:

Tel: 0345 697509

The Internet:

<http://www.baxi.com>
<http://www.mainheating.co.uk>



Registered Office:
Sceptre Way, Bamber Bridge, Preston, PR5 6AW,
Registered No. 3879156

All descriptions and illustrations provided in this leaflet have been carefully prepared but we reserve the right to make changes and improvements in our products which may affect the accuracy of the information contained in this leaflet. All goods are sold subject to our standard Conditions of Sale which are available on request.

* To aid continuous improvement and staff training, calls to this line may be monitored or recorded.

Publication No. 5000894 - 04