

WIDNEY REGENCY CE GAS FIRE

Installation and Maintenance Instructions

FOR USE IN GREAT BRITAIN

READ THESE INSTRUCTIONS BEFORE USE

IMPORTANT:

This appliance is for use on BUTANE at 28mbar and PROPANE at 37mbar.

It is the law that all gas appliances be installed by a competent person.
(e.g. a CORGI registered fitter) in accordance with The Gas Safety Installation and Use Regulations 1994. Failure to install the appliance correctly could lead to prosecution.

It is in your interest that the law is complied with. Installation and Ventilation requirements shall be in accordance with these Installation Instructions, BS 5482 part 2, BS 5871 and BS 6764.

Electrical Installation Requirements to be made in accordance with I.E.E. Regulations.
Isolate the mains before carrying out any maintenance or cleaning or lighting.

WIDNEY LEISURE LTD.
SAXON BUSINESS PARK
HANBURY ROAD
STOKE PRIOR BROMSGROVE
WORCESTERSHIRE B60 4AD

TELEPHONE : 01527 577800

INSTALLATION AND MAINTENANCE INSTRUCTIONS

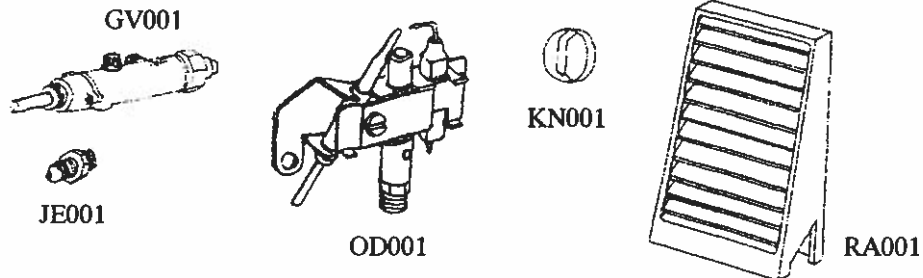
WIDNEY REGENCY CE RADIANT GAS FIRE (L.P.G.)

Overall Height:	535mm
Overall Width:	515mm
Overall Depth:	258mm
Wall Opening:	516mm High x 443mm Wide
Weight:	12Kg.
Heat Input:	Max 3.8Kw. / Min. 1.9Kw.
Gas Connection:	Suitable for connection to 5/16" (8mm) Copper pipe using olive and nut.
Burner:	Widney Type BU004
Injector:	Widney 130 JE001
Pressure Test Point:	On Control Valve.
Pilot/Oxygen Depletion Device:	Copreci OD001.
Control Valve:	Copreci GV001
Operating Pressures :	Butane 28mbar +/- 2mbar Propane 37mbar +/- 2mbar
Electrical Rating:	240 Volt 60 Watt

The illustrated short parts list includes part numbers.

When ordering quote Regency CE Gas Fire with part number and description.

SHORT PARTS LIST		
PART NUMBER	DESCRIPTION	NO. OFF
GV001	Control Valve	1
OD001	Oxygen depletion device / pilot assembly	1
RA001	Radiants	3
KN001	Control Knob	1
JE001	130 Injector	1
BU004	Burner	1
GE001	Generator	1
LB001	Fireglow Bulb	1



SERVICING INSTRUCTIONS

IMPORTANT:

ALWAYS TEST FOR GAS SOUNDNESS BEFORE AND AFTER SERVICING.

As with any gas fire the Widney Regency CE fire must be installed by a Competent Person (a Corgi Registered Gas Fitter) in accordance with the Gas Safety (Installation and Use) Regulations 1994. It is recommended that the appliance is serviced by a Competent Person in line with the service instructions in the Installation and Maintenance Manual.

MAINTENANCE

Before carrying out any maintenance turn off the gas supply. Removal of the fire front is necessary before any maintenance can take place.

FLUE SYSTEM

The flue system should be checked in accordance with LPGITA Code of Practice No 21.

SPILLAGE Test for spillage in accordance with the procedure on back page.

CLEANING

Clean inside the appliance with a soft brush, then vacuum to remove all dust and lint particles.

CONTROLS

If it is necessary to remove or replace parts of the control system, remove the gas control valve from the fire after first disconnecting the gas supply pipe, and the feed pipes to both the burner and the pilot assembly. Then disconnect the thermocouple and electrode lead, then by unscrewing the main lock nut, remove valve from the bracket.

CLEANING THE INJECTOR

Remove the gas feed pipe from the valve to the injector. Remove the injector from the burner, check to see if it is blocked. To clean the injector blow out with compressed air. Do not clean with any object that may cause damage to the injector.

IGNITION SYSTEM

There is no maintenance necessary on the piezo generator. Which can be replaced by loosening the retaining nut

ELECTRODE (see Fig 1)

There is no adjustment for the electrode. To replace the electrode unscrew the clamp screw, pull off the bayonette connector, remove the electrode. To replace reverse the operation.

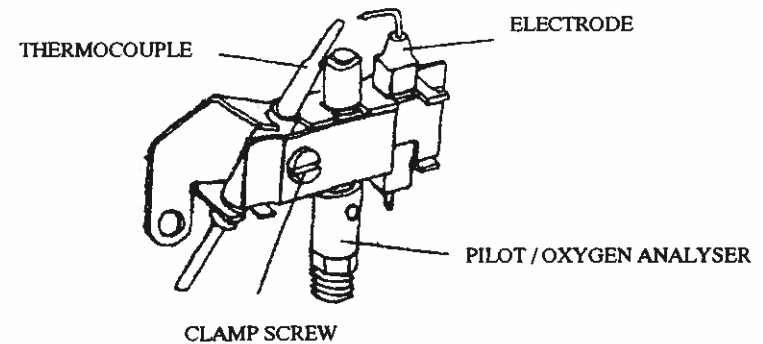


Fig. 1

THERMOCOUPLE (see Fig 1)

The position of the thermocouple is preset at the factory. To remove the thermocouple unscrew the clamp screw, this will release the unit from the pilot assembly. Unscrew the tube nut from the control valve, remove the thermocouple from the fire. To replace a thermocouple reverse the instructions above. Ensure that the groove of the thermocouple is properly located in the pilot bracket. Care must be taken not to bend the thermocouple in a radius of less than 50mm.

PILOT/OXYGEN ANALYSER (see Fig 1)

The pilot/oxygen analyser device is preset at the factory, it cannot be adjusted. To remove the device unscrew the clamp screw, unscrew the tube nut and withdraw the unit. To replace the device reverse the operations above.

FLUE AND TERMINAL CHECKS

At least once a year checks are recommended on both the Flue and the Terminal. Check that they are not blocked in any way and that there are no signs of corrosion, deterioration or damage. If there are then replacement is necessary. Consult your Owners Handbook for details on removal of the inspection panel in the flue cavity.

DO NOT OVERTIGHTEN ANY TUBE NUT.

ALL THE ABOVE SHOULD BE CARRIED OUT BY A COMPETENT PERSON (CORGI FITTER). IF IN DOUBT CONTACT WIDNEY LEISURE CUSTOMER SERVICE

PREPARATION OF THE FIRE

REMOVAL OF THE FIRE FRONT

Isolate from the electrical supply. Remove the fixing screws either side of the fire front.

Lift to clear the lugs on the top of the main chassis. Remove the complete front.

REPLACING THE FIRE FRONT

Clip the front top onto the lugs on top of the main chassis. Insert the screws into the fixing holes either side of the front and screw to the main chassis.

PREPARING THE APERTURE

Cut an aperture in the furniture 508mm high by 483mm wide.

FITTING THE FIRE

The fire should be installed as shown in Fig 2.

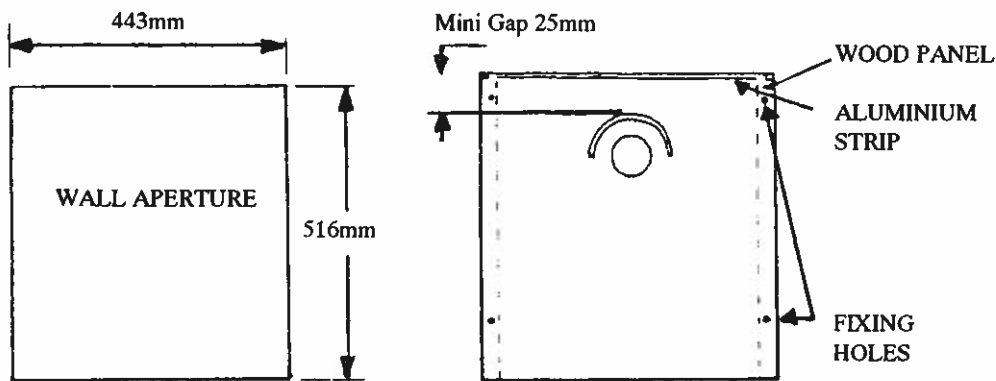


Fig 2

Fixing through side of the back plate are recommended (see Fig 2)

The section of wood directly above the appliance should be protected from direct heat transfer by using a small strip of aluminium as shown.

It is recommended that an aperture of 516mm x 443mm (see Fig 2) should be cut, fixing the fire through the Back Plate in desired position. Holes may be drilled in the Back Plate to suit individual requirements. Please note that a recommended gap 25mm from the top of the flue outlet protection skirt to the underside of any combustible material must be observed.

FLUE LINER INSTALLATION (see Fig 3)

The flue liner must be mounted in accordance with our instructions and with the chimney terminal, flue liner and fixing clips provided.

The flue cavity must be vented to ensure that there is minimal heat retained. It is recommended that an aperture be cut in the floor behind the fire of 9600 sq.mm free area and that an outlet at the top of the flue cavity of 9600sq.mm free area be positioned to allow heat to escape from the cavity.

IT IS IMPORTANT TO ENSURE THAT THE FLUE IS CORRECTLY SEALED AND IS INSTALLED TO ENSURE THAT THE FLUE GASES MAINTAIN A TEMPERATURE ABOVE DEW POINT OF 132C. THE FIRE MUST BE INSTALLED WITH A MINIMUM OF 6ft OF FLUE LINER.

TERMINAL INSTALLATION

Cut a 105mm dia. hole in the roof of the holiday home. Insert the terminal through the hole and seal with suitable material, and secure through fixing holes provided with self tapping screws. Connect the flue liner to the fire spigot at the rear of the fire and secure it with the spring clip. Shape the flue liner to the required position and connect to the terminal ensuring the flue liner rises continually from the rear of the fire to its termination. Slide support clips down flue liner to required position to ensure adequate support for the flue liner. Secure to cowl with spring clip provided.

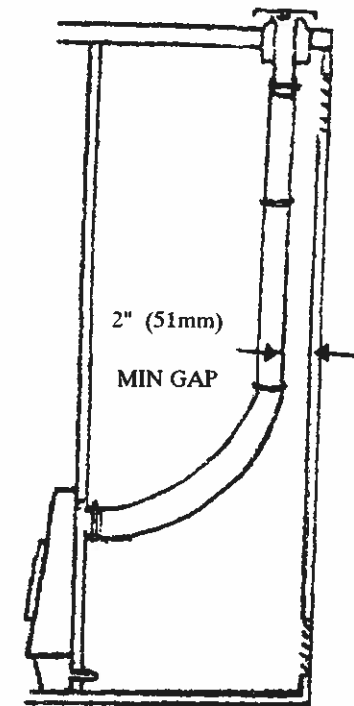
TESTING OF THE FLUE INSTALLATION.

SEE SPILLAGE TEST BACK PAGE.

CONNECTION OF GAS SUPPLY

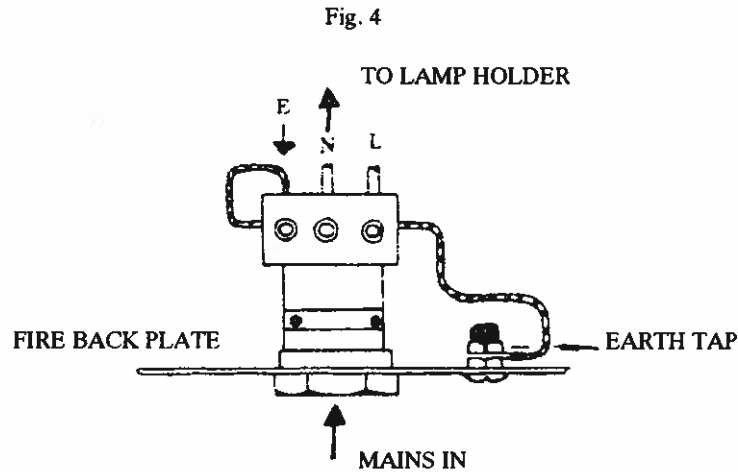
Connect the supply of gas to the gas control by means of a 5/16" (8mm) o.d pipe. You will find supplied with the fire a copper 'O' ring and nut. The nut should be placed on the gas supply pipe followed by the copper 'O' ring. The gas supply pipe should then be inserted into the gas control valve. Push the nut and the 'O' ring up to the gas valve and screw the nut onto the valve. The nut should be tightened sufficiently to seal the joint. Do not overtighten the nut as this will result in damage to the 'O' ring.

Fig 3



ELECTRICAL CONNECTIONS

It is recommended that the appliance be fitted with a fused isolator switch mounted near to the fire. Please observe diagram on the back plate of the fire. Insert the electrical connecting lead from the mains switch through the aperture in the rear of the fire. Connect the cable to the correct connections (See Fig 4) Tighten the cable grip.



CONNECTION TO ELECTRICITY SUPPLY

WARNING: THIS APPLIANCE MUST BE EARTHED, DO NOT EARTH THIS APPLIANCE TO THE GAS SUPPLY PIPING.

This appliance must be connected to 220v to 240v A.C Hz electricity supply which incorporates a 3 amp fuse, if a 13 amp plug is used, or if any other type of plug a 5 amp fuse either in the plug or adaptor, or at the distribution board.

To fit a 3 pin 13 amp plug to the end of the fire cable connect the wires as follows:

BROWN to the live terminal. **BLUE** to the neutral terminal.

GREEN & YELLOW to the earth terminal.

As the colours of the wires in the main lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is **GREEN & YELLOW** must be connected to the terminal in the plug which is marked with the letter "E" or by the earth symbol coloured **GREEN & YELLOW**.

The wire which is coloured **BLUE** must be connected to the terminal which is marked with the letter "N" or coloured **BLACK**.

The wire which is coloured **BROWN** must be connected to the terminal which is marked with the letter "L" or coloured **RED**.

FIT A 3 AMP FUSE TO THE PLUG FUSE HOLDER. DO NOT PLUG IN.

RADIANT INSTALLATION.

Remove front. Remove radiant retention plate located in front of the burner, insert radiant as follows: Place radiants in the holder which is located above the burner.

Please note that it is recommended that each radiant be placed in the centre of the radiant holder then slide to each side leaving the last radiant to be placed in the centre.

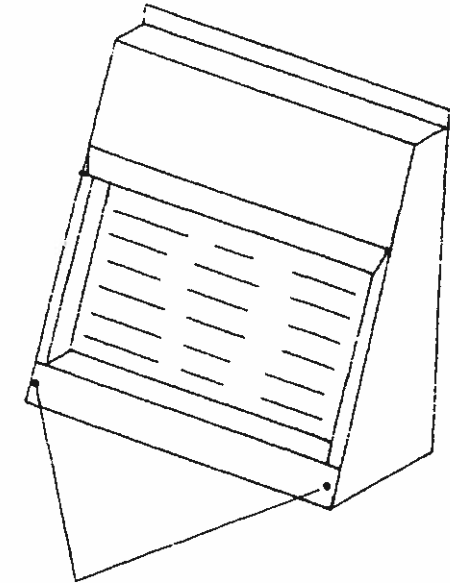
Refit the retention plate.

Replace front **N.B. IF IN DOUBT CONTACT THE MANUFACTURER.**

RADIANT INSTALLATION

Once the fire front has been removed the radiant retention panel has to be removed by unscrewing the two fixing screws on either side. (See Fig 5)

Fig. 5



Fixing Screws

Place the first radiant in the centre of the combustion chamber and insert the top edge under the combustion chamber canopy, then lower the radiant into the radiant carrier and slide to one side. Repeat the procedure for the remaining two radiants with the centre radiant being the last radiant to be fitted. Replace the radiant retention panel.

AFTER INSTALLATION THE FOLLOWING CHECKS SHOULD BE COMPLETED

A) The appliance should be checked for gas soundness. (This should be done with soapy water- **DO NOT USE A NAKED FLAME**)

B) The setting pressure should be checked and adjusted to the recommendations detailed on the specification sheet with all appliances on.

C) The operation of the controls, e.g. Ignition device, Flame failure etc, should be checked for satisfactory performance.

D) Ignition System

The ignition system is operated by a piezo crystal from the gas control valve. Depress the control knob and turn anti-clockwise to position "✓". If the fire does not ignite after any air in the gas supply pipe has been purged check electrode setting.

E) The operation of the flame failure device should be checked for satisfactory performance.

F) Test for spillage (see Fig 6)

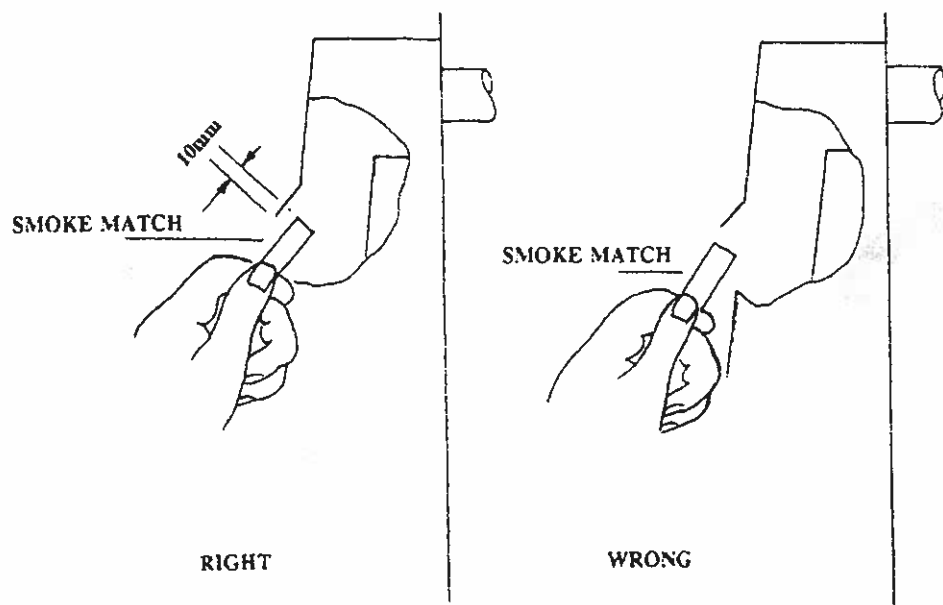
A SPILLAGE TEST MUST BE PERFORMED BEFORE THE INSTALLED FIRE IS LEFT WITH THE CUSTOMER. TEST FOR SPILLAGE IN THE FOLLOWING MANNER.

- a) Close all doors and windows in the room containing the fire.
- b) Remove the fire guard
- c) Light the fire at full rate
- d) After ten minutes carry out a spillage test as follows:

Turn fire off and insert a lighted smoke match into a smoke tube and hold in position indicated in drawing below. The installation is satisfactory if the smoke is drawn into the fire. If the smoke is not drawn into the fire relight the fire and leave on for a further ten minutes and repeat the test. (This test should be carried out immediately after the fire has been turned off). If the smoke is still not drawn into the fire the flue system may require attention.

If this is the case, **DISCONNECT THE FIRE AND SEEK EXPERT ADVICE.**

Fig. 6



SMOKE MATCH TIP TO BE APPROXIMATELY 10mm (3/8") INSIDE CANOPY

INITIAL LIGHTING

When the fire is first lit, it should be run on high setting for about 1 hour. Ensure the room is well ventilated and **ALL** doors and windows are open.

WIDNEY STANDARD / NEVADA CE GAS FIRE

INSTALLATION AND MAINTENANCE INSTRUCTIONS

FOR USE IN GREAT BRITAIN

READ THESE INSTRUCTIONS BEFORE USE

IMPORTANT:

This appliance is for use on BUTANE at 28mbar and PROPANE at 37mbar.

It is the law that all gas appliances be installed by a competent person.
(e.g. a CORGI registered fitter) in accordance with The Gas Safety Installation and Use
Regulations 1994. Failure to install the appliance correctly could lead to prosecution.
It is in your interest that the law is complied with. Installation and Ventilation requirements
shall be in accordance with these Installation Instructions, BS 5482, BS 5871 and BS 6764.

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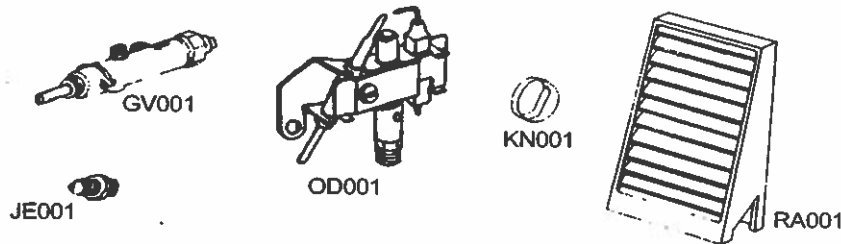
**INSTALLATION AND MAINTENANCE INSTRUCTIONS
WIDNEY STANDARD/NEVADA CE RADIANT GAS FIRE (L.P.G.)**

Overall Height: 520mm
 Overall Width: 515mm
 Overall Depth: 250mm
 Wall Opening: 510mm High x 490mm Wide
 Weight: 10Kg.
 Heat Input: Max 3.8Kw. / Min. 1.9Kw.
 Gas Connection: Suitable for connection to 5/16" 8mm
 Copper pipe with olive and nut.
 Burner: Widney Type BU004
 Injector: Widney 130 JE001
 Pressure Test Point: On Control Valve.
 Pilot/Oxygen Depletion Device: Copreci OD001.
 Gas Category: 13+ (28-30/37)
 Operating Pressures : Butane 28mbar +/- 2mbar
 Propane 37mbar +/- 2mbar

SHORT PARTS LIST

The illustrated short parts list includes part numbers,
 When ordering quote Standard/Nevada CE Gas Fire with part number and description.

PART NUMBER	DESCRIPTION	NO. OFF
GV001	Control Valve	1
OD001	Oxygen depletion device / pilot assembly	1
RA001	Radiants	3
KN001	Control Knob	1
JE001	130 Injector	1
BU004	Burner	1



SERVICING INSTRUCTIONS

IMPORTANT:

ALWAYS TEST FOR GAS SOUNDNESS BEFORE AND AFTER SERVICING

As with any gas fire the Widney Standard/Nevada CE fire must be installed by a Competent Person (a Corgi Registered Gas Fitter) in accordance with the Gas Safety (Installation and Use) Regulations 1994. It is recommended that the appliance is serviced by a Competent Person in line with the service instructions in the Installation and Maintenance Manual.

MAINTENANCE

Before carrying out any maintenance turn off the gas supply. Removal of the fire front is necessary before any maintenance can take place.

FLUE SYSTEM

The flue system should be checked in accordance with LPGITA Code of Practice No 21.

SPILLAGE

Test for spillage in accordance with the procedure on back page.

CLEANING

Clean inside the appliance with a soft brush, then vacuum to remove all dust and lint particles.

CONTROLS

If it is necessary to remove or replace parts of the control system, remove the gas control valve from the fire after first disconnecting the gas supply pipe, and the feed pipes to both the burner and the pilot assembly. Then disconnect the thermocouple and electrode lead, then by unscrewing the main lock nut, remove valve from the bracket.

CLEANING THE INJECTOR

Remove the gas feed pipe from the valve to the injector. Remove the injector from the burner, check to see if it is blocked. To clean the injector blow out with compressed air. Do not clean with any object that may cause damage to the injector.

IGNITION SYSTEM

There is no maintenance necessary on the piezo generator. It can be replaced by loosening the retaining nut

ELECTRODE (see Fig 1)

There is no adjustment for the electrode. To replace the electrode unscrew the clamp screw, pull off the bayonette connector. To replace reverse the operation.

THERMOCOUPLE (see Fig 1)

The position of the thermocouple is preset at the factory. To remove the thermocouple unscrew the clamp screw, this will release the unit from the pilot assembly. Unscrew the tube nut from the control valve, remove the thermocouple from the fire.

To replace a thermocouple reverse the instructions above. Ensure that the groove of the thermocouple is properly located in the pilot bracket. Care must be taken not to bend the thermocouple in a radius of less than 50mm.

PILOT/OXYGEN ANALYSER (see Fig 1)

The pilot/oxygen analyser device is preset at the factory, it cannot be adjusted. To remove the device unscrew the clamp screw, unscrew the tube nut and withdraw the unit. To replace the device reverse the operations above.

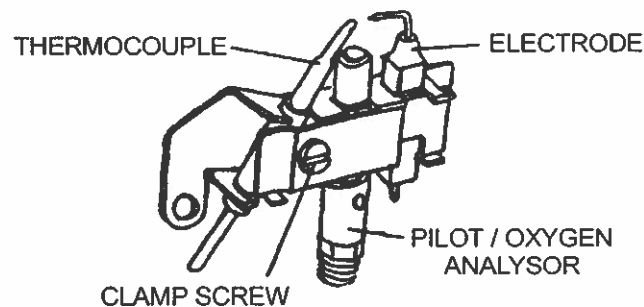
FLUE AND TERMINAL CHECKS

At least once a year checks are recommended on both the Flue and the Terminal. Check that they are not blocked in any way and that there are no signs of corrosion, deterioration or damage. If there are then replacement is necessary. Consult your Owners Handbook for details on removal of the inspection panel in the flue cavity.

DO NOT OVERTIGHTEN ANY TUBE NUT

All the above should be carried out by a Competent Person (Corgi Fitter). If in doubt contact Widney Leisure Customer Service.

Fig. 1



PREPARATION OF THE FIRE

REMOVAL OF THE FIRE FRONT

The fire front is removed by lifting upwards approximately 2" then pulling forward.

REPLACING THE FIRE FRONT

Two lugs can be seen on the bottom of the fire back. The sides of the front should be clipped into these lugs first, then pushing the top of the front backwards clip the top edge of the front and the back of the fire.

PREPARING THE APERTURE

Cut an aperture in the furniture 510mm high by 490mm wide.

FITTING THE FIRE

The fire may be surface mounted or inset into an aperture sized above

FLUE LINER INSTALLATION (see Fig 2)

The flue liner must be mounted in accordance with our instructions and with the chimney terminal, flue liner and fixing clips provided.

The flue cavity must be vented to ensure that there is minimal heat retained. It is recommended that an aperture be cut at or near floor level behind the fire of 9600 sq.mm free area and that an outlet in the upper area of the cavity or integrated in the exhaust terminal of the flue cavity of 9600sq.mm free area be positioned to allow heat to escape from the cavity.

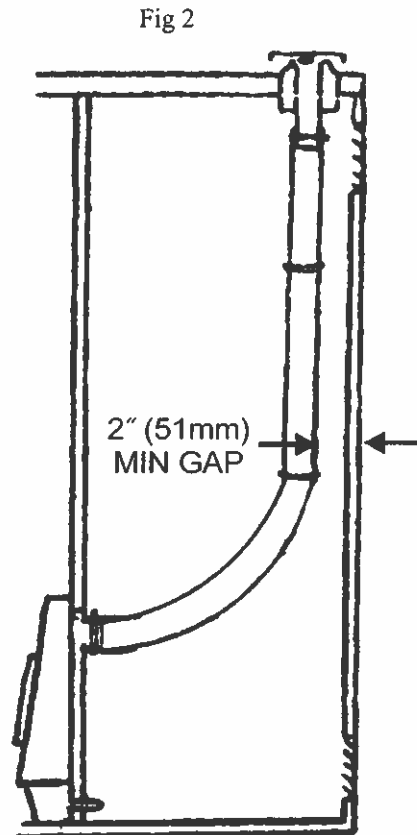
IT IS IMPORTANT TO ENSURE THAT THE FLUE IS CORRECTLY SEALED AND IS INSTALLED TO ENSURE THAT THE FLUE GASES MAINTAIN A TEMPERATURE ABOVE DEW POINT OF 132C. THE FIRE MUST BE INSTALLED WITH A MINIMUM OF 6ft OF FLUE LINER. (THIS MAY INCLUDE THE FIRE SPIGOT AND TERMINAL LENGTHS).

TERMINAL INSTALLATION

Cut a 105mm dia. hole in the roof of the holiday home. Insert the terminal through the hole and seal with suitable material, and secure through fixing holes provided with self tapping screws. Connect the flue liner to the fire spigot at the rear of the fire and secure it with the spring clip. Shape the flue liner to the required position and connect to the terminal ensuring the flue liner rises continually from the rear of the fire to it's termination. Slide support clips down flue liner to required position to ensure adequate support for the flue liner. Secure to the cowl.

TESTING OF THE FLUE INSTALLATION.

SEE SPILLAGE TEST BACK PAGE.



CONNECTION OF GAS SUPPLY

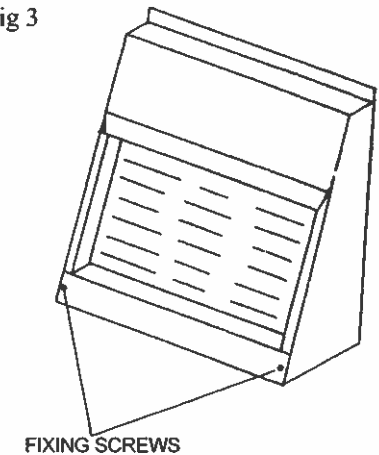
Connect the supply of gas to the gas control by means of a 5/16" (8mm) o.d pipe. You will find supplied with the fire a copper 'O' ring and nut. The nut should be placed on the gas supply pipe followed by the copper 'O' ring. The gas supply pipe should then be inserted into the gas control valve. Push the nut and the 'O' ring up to the gas valve and screw the nut onto the valve. The nut should be tightened sufficiently to seal the joint. Do not overtighten the nut as this will result in damage to the 'O' ring.

RADIANT INSTALLATION

Once the fire front has been removed the radiant retention panel has to be removed by unscrewing the two fixing screws on either side. (see Fig 3)

Place the first radiant in the centre of the combustion chamber and insert the top edge under the combustion chamber canopy, then lower the radiant into the radiant carrier and slide to one side. Repeat the procedure for the remaining two radiants with the centre radiant being the last radiant to be fitted. Replace the radiant retention panel.

Fig 3



AFTER INSTALLATION THE FOLLOWING CHECKS SHOULD BE COMPLETED

- The appliance should be checked for gas soundness. (This should be done with soapy water - **DO NOT USE A NAKED FLAME**)
- The setting pressure should be checked and adjusted to the recommendations detailed on the specification sheet with all appliances on.
- The operation of the controls, e.g. Ignition device, Flame failure etc, should be checked for satisfactory performance.
- Ignition System
The ignition system is operated by a piezo crystal from the gas control valve. Depress the control knob and turn anti-clockwise to position "Z". If the fire does not ignite after any air in the gas supply pipe has been purged check electrode setting.
- The operation of the flame failure device should be checked for satisfactory performance.
- Test for spillage (see Fig 4)

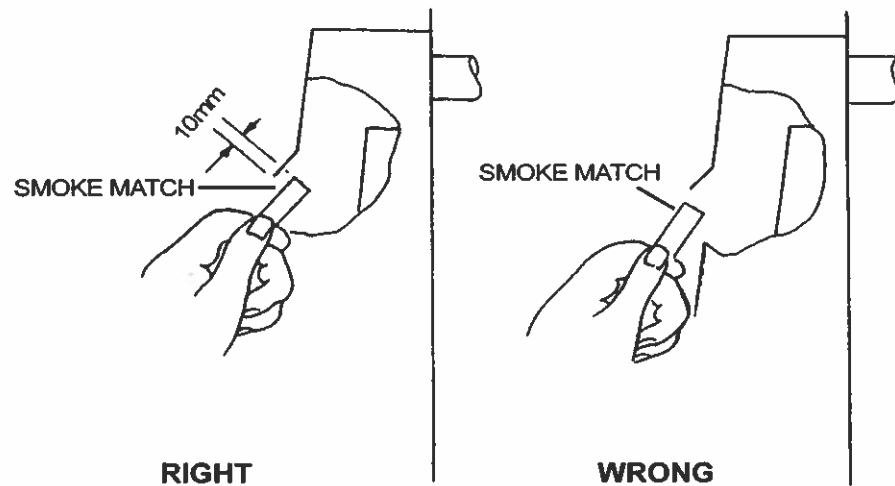
**A SPILLAGE TEST MUST BE PERFORMED BEFORE THE INSTALLED FIRE
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TEST FOR SPILLAGE IN THE FOLLOWING MANNER.**

- a) Close all doors and windows in the room containing the fire.
- b) Remove the fire guard
- c) Light the fire at full rate
- d) After ten minutes carry out a spillage test as follows:

Turn fire off and insert a lighted smoke match into a smoke tube and hold in position indicated in drawing below. The installation is satisfactory if the smoke is drawn into the fire. If the smoke is not drawn into the fire relight the fire and leave on for a further ten minutes and repeat the test. (This test should be carried out immediately after the fire has been turned off). If the smoke is still not drawn into the fire the flue system may require attention.

If this is the case, **DISCONNECT THE FIRE AND SEEK EXPERT ADVICE.**

Fig 4



SMOKE MATCH TIP TO BE APPROXIMATELY 10mm (3/8") INSIDE CANOPY

INITIAL LIGHTING

When the fire is first lit, it should be run on high setting for about 1 hour. Ensure the room is well ventilated and **ALL** doors and windows are open.

WIDNEY WORCESTER *CE* GAS FIRE

INSTALLATION AND MAINTENANCE INSTRUCTIONS

FOR USE IN GREAT BRITAIN

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BS6764.

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BROMSGROVE B60 4AD**

TELEPHONE : 01527 577800

**INSTALLATION AND MAINTENANCE INSTRUCTIONS
WIDNEY WORCESTER CE RADIANT GAS FIRE (L.P.G.)
SUITABLE FOR RECESS MOUNTING**

Overall Height:	605mm
Overall Width:	580mm
Overall Depth:	198mm
Wall Opening:	570 High x 540 Wide
Weight:	10Kg.
Heat Input:	Max 3.8kw. / Min. 1.9kw.
Gas Connection:	5/16",8mm Copper pipe with olive & nut.
Burner:	Widney Type BU004
Injector:	Widney 130 / JE001.
Pressure Test Point:	On Control Valve.
Pilot/Oxygen Depletion Device:	Copreci OD001.
Gas Category: Type/Group:	13 + (28-30/37)
Control Valve with Rotary Piezo:	Copreci GV002
Operating pressures	Butane : 28mbar +/- 2mbar. Propane : 37mbar +/- 2mbar

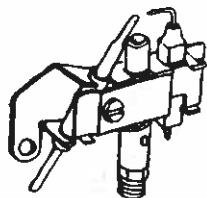
SHORT PARTS LIST

The illustrated short parts list includes part numbers,
When ordering quote Worcester CE Gas Fire
with part number and description.

PART NUMBER	DESCRIPTION	NO. OFF
GV002	Control Valve with rotary ignition	1
OD001	Oxygen depletion device / pilot assembly	1
RA001	Radiants	3
KN001	Control Knob	1
JE001	130 Injector	1
BU004	Burner	1



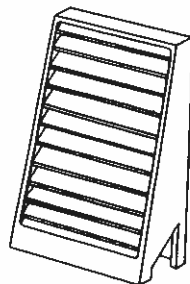
GV002



OD001



KN001



RA001

JE001

SERVICING INSTRUCTIONS

IMPORTANT:

**ALWAYS TEST FOR GAS SOUNDNESS BEFORE AND AFTER
SERVICING**

As with any gas fire the Widney Worcester CE fire must be installed by a Competent Person (a Corgi Registered Gas Fitter) in accordance with the Gas Safety (Installation and Use) Regulations 1994. It is recommended that the appliance is serviced by a Competent Person in line with the service instructions in the Installation and Maintenance Manual.

MAINTENANCE

Before carrying out any maintenance turn off the gas supply. Removal of the fire front is necessary before any maintenance can take place.

FLUE SYSTEM

The flue system should be checked in accordance with LPGITA Code of Practice No 21.

SPILLAGE

Test for spillage in accordance with the procedure on back page.

CLEANING

Clean inside the appliance with a soft brush, then vacuum to remove all dust and lint particles.

CONTROLS

If it is necessary to remove or replace parts of the control system, remove the gas control valve from the fire after first disconnecting the gas supply pipe, and the feed pipes to both the burner and the pilot assembly. Then disconnect the thermocouple and electrode lead, then by unscrewing the main lock nut, remove valve from the bracket.

CLEANING THE INJECTOR

Remove the gas feed pipe from the valve to the injector. Remove the injector from the burner, check to see if it is blocked. To clean the injector blow out with compressed air.

Do not clean with any object that may cause damage to the injector.

IGNITION SYSTEM

There is no maintenance necessary on the piezo generator which is an integral part of the Control Valve.

ELECTRODE (see Fig 1)

There is no adjustment for the electrode. To replace the electrode unscrew the clamp screw, pull off the bayonette connector, remove the electrode. To replace reverse the operation.

THERMOCOUPLE (see Fig 1)

The position of the thermocouple is preset at the factory. To remove the thermocouple unscrew the clamp screw, this will release the unit from the pilot assembly. Unscrew the tube nut from the control valve, remove the thermocouple from the fire.

To replace a thermocouple reverse the instructions above. Ensure that the groove of the thermocouple is properly located in the pilot bracket. Care must be taken not to bend the thermocouple in a radius of less than 50mm.

PILOT/OXYGEN ANALYSER (see Fig 1)

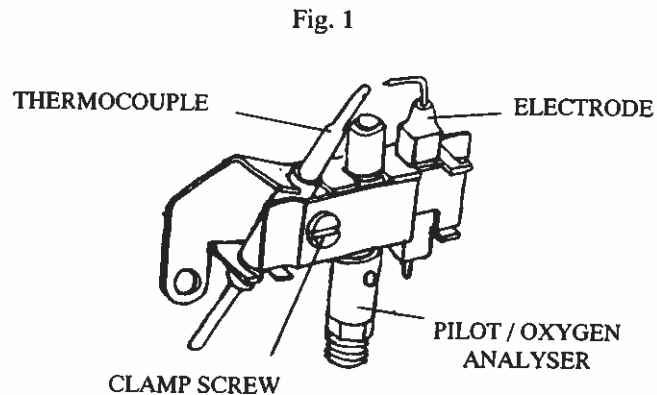
The pilot /oxygen analyser device is preset at the factory, it cannot be adjusted. To remove the device unscrew the clamp screw, unscrew the tube nut and withdraw the unit. To replace the device reverse the operations above.

FLUE AND TERMINAL CHECKS

At least once a year checks are recommended on both the Flue and the Terminal. Check that they are not blocked in any way and that there are no signs of corrosion, deterioration or damage. If there are then replacement is necessary. Consult your Owners Handbook for details on removal of the inspection panel in the flue cavity.

DO NOT OVERTIGHTEN ANY TUBE NUT

All the above should be carried out by a Competent Person (Corgi Fitter). If in doubt contact Widney Leisure Customer Service.



PREPARATION OF THE FIRE

REMOVAL OF THE FIRE FRONT

Pull off the control knob from gas control. Turn the fixing screw located in the centre of the frame above the outlet vent 90 deg. (see Fig. 2)

Pull the top of the front forward approximately 50mm then lift the complete front approximately 10mm so that the base of the front is free of its location grooves.

The fire front can then be lifted free from the main fire chassis.

Replace the fire front by inserting the fire front onto its location grooves in the base of the fire and then with the use of a screwdriver push the centre retaining screw into its fixing hole making sure that the slot in the fixing screw is horizontal.

PREPARING THE APERTURE

Cut an aperture in the furniture 540mm wide by 570mm high. This ensures a 15mm gap between the fire back and the furniture is maintained.

FITTING THE FIRE

The fire should be installed as Fig. 3 with 4 self tapping screws through the fixing bracket provided.

Fig. 2

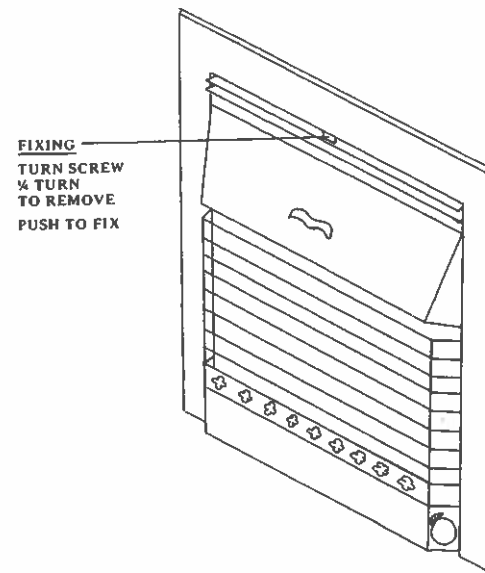
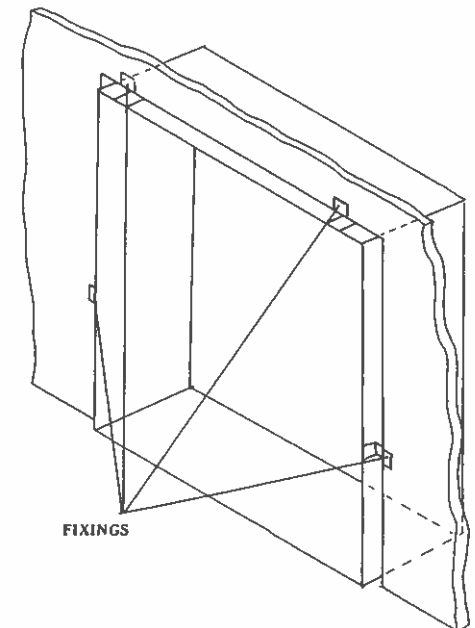


Fig. 3



FLUE LINER INSTALLATION (see Fig 4)

The flue liner must be mounted in accordance with our instructions and with the chimney terminal, flue liner and fixing clips provided.

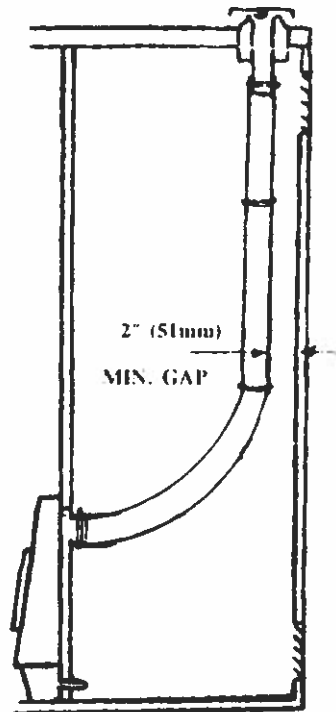
The flue cavity must be vented to ensure that there is minimal heat retained. It is recommended that an aperture be cut at or near floor level behind the fire of 9600 sq.mm free area and that an outlet in the upper area of the cavity or integrated in the exhaust terminal of the flue cavity of 9600sq.mm free area be positioned to allow heat to escape from the cavity.

IT IS IMPORTANT TO ENSURE THAT THE FLUE IS CORRECTLY SEALED AND IS INSTALLED TO ENSURE THAT THE FLUE GASES MAINTAIN A TEMPERATURE ABOVE DEW POINT OF 132C. THE FIRE MUST BE INSTALLED WITH A MINIMUM OF 6ft OF FLUE LINER. (THIS MAY INCLUDE THE FIRE SPIGOT & TERMINAL LENGTHS).

TERMINAL INSTALLATION

Cut a 105mm dia. hole in the roof of the holiday home. Insert the terminal through the hole and seal with suitable material, and secure through fixing holes provided with self tapping screws. Connect the flue liner to the fire spigot at the rear of the fire and secure it with the spring clip. Shape the flue liner to the required position and connect to the terminal ensuring the flue liner rises continually from the rear of the fire to its termination. Slide support clips down flue liner to required position to ensure adequate support for the flue liner. Secure to the cowl.

Fig. 4



TESTING OF THE FLUE INSTALLATION.

SEE SPILLAGE TEST BACK PAGE

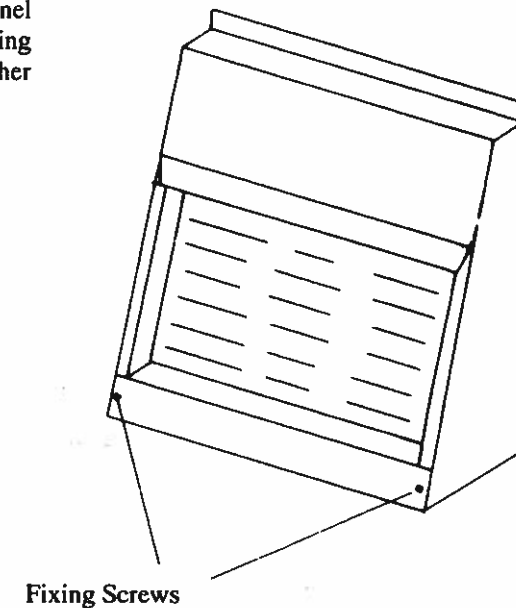
CONNECTION OF GAS SUPPLY

Connect the supply of gas to the gas control by means of a 5/16" (8mm) o.d pipe. You will find supplied with the fire a copper 'O' ring and nut. The nut should be placed on the gas supply pipe followed by the copper 'O' ring. The gas supply pipe should then be inserted into the gas control valve. Push the nut and the 'O' ring up to the gas valve and screw the nut onto the valve. The nut should be tightened sufficiently to seal the joint. Do not overtighten the nut as this will result in damage to the 'O' ring.

RADIANT INSTALLATION

Once the fire front has been removed the radiant retention panel has to be removed by unscrewing the two fixing screws on either side. (see Fig5)

Fig. 5



Place the first radiant in the centre of the combustion chamber and insert the top edge under the combustion chamber canopy, then lower the radiant into the radiant carrier and slide to one side. Repeat the procedure for the remaining two radiants with the centre radiant being the last radiant to be fitted. Replace the radiant retention panel.

AFTER INSTALLATION THE FOLLOWING CHECKS SHOULD BE COMPLETED

- The appliance should be checked for gas soundness. (This should be done with soapy water- **DO NOT USE A NAKED FLAME**)
- The setting pressure should be checked and adjusted to the recommendations detailed on the specification sheet with all appliances on.
- The operation of the controls, e.g. Ignition device, Flame failure etc., should be checked for satisfactory performance.
- Ignition System**
The ignition system is operated by a piezo crystal from the gas control valve. Depress the control knob and turn anti-clockwise to position "⚡". If the fire does not ignite after any air in the gas supply pipe has been purged check electrode setting.
- The operation of the flame failure device should be checked for satisfactory performance.

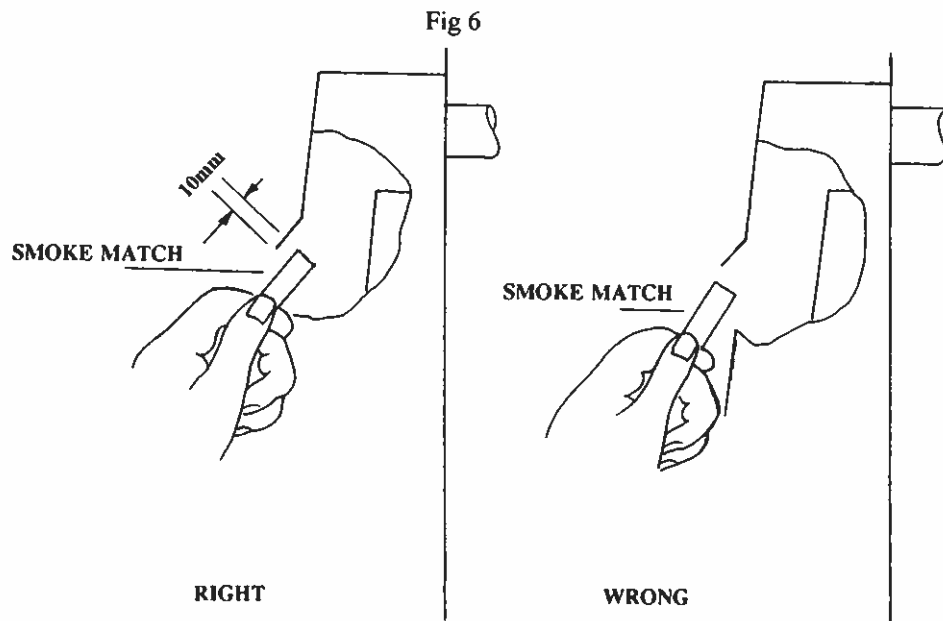
F) Test for spillage (see Fig 6)

**A SPILLAGE TEST MUST BE PERFORMED BEFORE THE INSTALLED FIRE IS LEFT WITH THE CUSTOMER.
TEST FOR SPILLAGE IN THE FOLLOWING MANNER.**

- a) Close all doors and windows in the room containing the fire.
- b) Remove the fire guard
- c) Light the fire at full rate
- d) After ten minutes carry out a spillage test as follows:

Turn fire off and insert a lighted smoke match into a smoke tube and hold in position indicated in drawing below. The installation is satisfactory if the smoke is drawn into the fire. If the smoke is not drawn into the fire relight the fire and leave on for a further ten minutes and repeat the test. (This test should be carried out immediately after the fire has been turned off). If the smoke is still not drawn into the fire the flue system may require attention.

If this is the case, **DISCONNECT THE FIRE AND SEEK EXPERT ADVICE.**



SMOKE MATCH TIP TO BE APPROXIMATELY 10mm (3/8") INSIDE CANOPY.

INITIAL LIGHTING

When the fire is first lit, it should be run on high setting for about 1 hour. Ensure the room is well ventilated and **ALL** doors and windows are open.