NIRVANA

Installation, Servicing & Users Instructions For Decorative Fuel Effect Fires

Models

NIRVANA: 500 and 700

For 5" (125mm) and Class 1 flues

IMPORTANT

For use with Natural Gas (G20) I_{2H} at 20 mbar pressure only in the Countries :

GB, IE, AT, CH, DK, ES, FI, IT, PT, ES

For use with L.P.G. Propane (G31) I_{3P} at 37 mbar pressure only in the Countries :

GB, IE, IT, PT, ES

ALL GAS & ELECTRIC CONNECTIONS MUST BE ISOLATED FROM ALL APPLIANCES BEFORE ANY WORK IS CARRIED OUT

Please read before using and retain for future reference.

Only a CORGI registered person must install this product and the Installation must comply with these installation instructions

CE

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Gas Council No. 32-045-01

MAIN CONTENTS

DIAGRAMS

(1.0) GENERAL

LIST OF COMPONENTS

Cut away and remove any cable straps and packaging securing the burner tray

(1.1) FIREBOX

- Nirvana firebox
- Infill lining panels (see safety notes on Page 10)
  - 2 x side infill panels
  - 1 x rear infill panel
  - 1 x front access infill panel
  - 4 x burner tray infill panels
- Imitation Fuel Set (optional)
- Burner tray
- Flue Spigot/s
- Gather Hood (optional)
- Gather hood fixing kit
  - 14 x No 6g x 3/8 (10mm) pozi pan head self-tapping screws (to be included with Gather Hood)
- Wire fixing kit
  - 2 metres sealing tape
  - 2 cables
  - 4 eylets
  - 4 rawlplugs
  - 2 cable adjusters
  - 3 x rubber grommet

(1.2) DOCUMENTATION

- These Installation, Servicing and User's Instructions
- Guarantee card

(1.3) REMOTE SWITCH UNIT

- Wall Switch or
- Wireless Remote Wall Switch

} for Mains Electrical Models

- Ultra Sound hand held control - for Battery Operated Models

IF ANY OF THE LISTED COMPONENTS ARE MISSING FORM THE CARTON, PLEASE CONTACT THE VENDOR

(1.4) APPLIANCE DATA

MODEL	Nirvana 500 NG	Nirvana 500 LPG	Nirvana 700 NG	Nirvana 700 LPG
GAS TYPE	G20	G31	G20	G31
GAS CATEGORY	I2H	I3P	I2H	I3P
HEAT INPUT (Gross)	6.9kW	6.9kW	6.9kW	6.9kW
SUPPLY PRESSURE	20 mbar	37 mbar	20 mbar	37 mbar
INJECTOR SIZE	2.22 mm	1.38 mm	2.22 mm	1.38 mm
PILOT TYPE	Seagas P4-25	Seagas P4-47	Seagas P4-25	Seagas P4-47
GAS CONNECTION	8 mm comp.	8 mm comp.	8 mm comp.	8 mm comp.
G.O.V. (Mass)				
BURNER SIZE	445 mm wide 140 mm deep 20 mm high	445 mm wide 140 mm deep 20 mm high	645 mm wide 140 mm deep 20 mm high	645 mm wide 140 mm deep 20 mm high

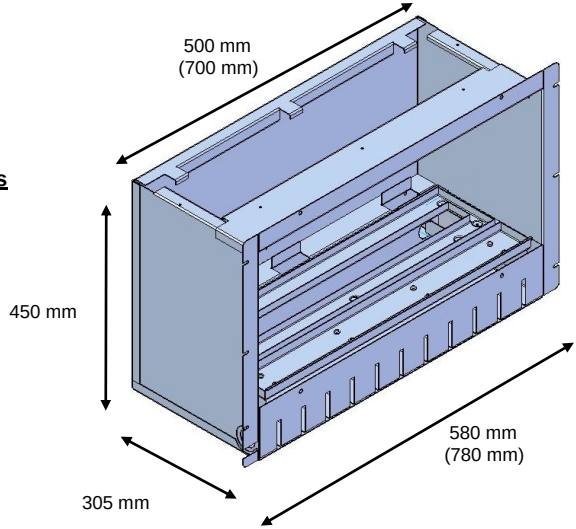
(1.5) PACKAGED WEIGHT

MODEL	Nirvana 500		Nirvana 700	

(1.6) **NIRVANA dimensions**

D.1

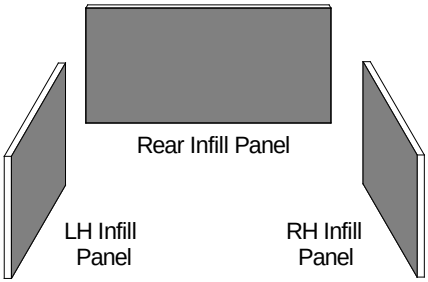
dimensions



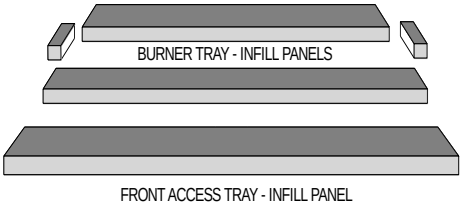
NIRVANA Firebox

Nirvana 700 dimensions shown in brackets.

D.2 **NIRVANA Firebox Infill Panel Shapes**



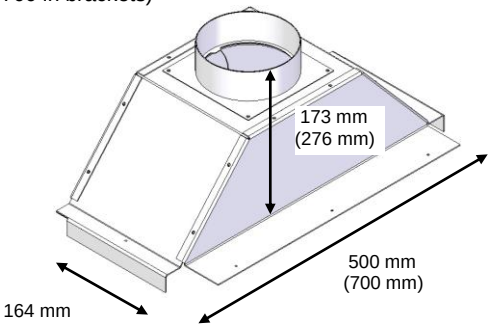
D.3 **NIRVANA Base Infill Panel Shapes**



It is permissible to replace the infill panels with non-combustible, natural marble, granite or stone panels of the same dimensions. However the appliance manufacturer accepts no responsibility whatsoever for any damage, deteriation or discoloration for any infill panels supplied by a third party.

Optional NIRVANA Gather Hood and Dimensions

(Ni 700 in brackets)



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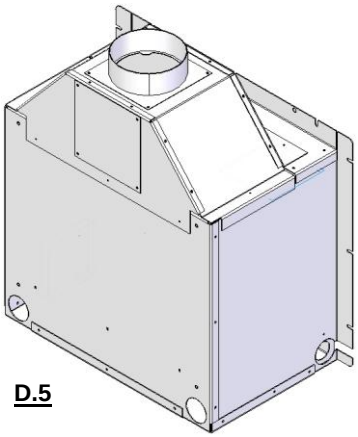


D.5

(1.7) **GENERAL INSTALLATION REQUIREMENTS**

- For GB & IE all gas appliances must be installed by a CORGI Registered installer in accordance with the current **Gas Safety (Installation and Use) Regulations** . The installation must comply with these installation instructions and all relevant parts of Local and National Building Standards Regulations and those issued by the Scottish Development Board. Installation must also comply with relevant recommendations in the following British Standards.

BS 5871 : Parts 2&3. **BS 8303** **BS 5440 : Part 1** **BS 1251.**
BS 6891 **BS 5482 : Part 1.**

- For all other countries all gas appliances must be installed by a qualified installer in accordance with the rules and regulations in force.

- For Installation in IE, compliance with regulation I.S. 813 1996 is required.

- This appliance is designed for decorative purposes.

Please read these instructions carefully before installation and use.

(1.8) This appliance does not normally require any purpose provided ventilation when installed in G.B. **For IE refer to relevant standard (IS 813: 1996)**. **For other countries check with local regulations.** If it is provided, it must be checked periodically to ensure that it is free from obstruction.

- The appliance is fitted with an Oxygen Depletion System pilot assembly, which will automatically cause shutdown of the main burner and pilot flame if there is insufficient oxygen due to lack of ventilation or the appliance is not clearing the products of combustion. The device must be regularly serviced and strictly in accordance with these instructions.

UNDER NO CIRCUMSTANCES SHALL THIS DEVICE BE ADJUSTED, BYPASSED OR PUT OUT OF ACTION.

(1.9) No restrictor plate or flue damper is permitted. Where these exist, they must be either completely removed or permanently fixed in the fully open position.

An existing under grate draught must be sealed off and the opening wall must be non-combustible.

It is recommended that for GB & I.E a fireguard conforming to BS 6539 or BS 677 or BS8423:2002 be fitted for the protection of young children, the elderly or infirm. For all other countries follow the rules & regulations in force. This sort of fireguard will limit the accessibility to any flame is minimised

Any combustible shelves or surrounding furniture must be at least 150mm from the appliance.

Before Installation ensure that the local distribution conditions (identification of type of gas and pressure) and the adjustment of the appliance are compatible.

(2.0) **INSTALLATION & SERVICING INSTRUCTIONS**

(2.1) THE FIREBOX

The appliance can be fitted into fireplaces that are large enough, or can be suitably modified to accept the firebox. The dimensions of the fireplace opening are shown below. All combustible materials must be removed from within the fire opening. The builders opening must be constructed from non – combustible material.

(2.2) NIRVANA GATHER HOOD (optional)

A gather hood can be supplied for the appliance to connect to a 5" flexible flue liner. These dimensions are given on Page 4. Note that the fireplace opening will need to be extended to the height of the gather hood before fitting. (approx 650 mm (for 500) and 750 mm (for 700) in total)

(2.3) THE HEARTH

The heating Appliances (Fireguards) (safety) Regulations 1991 is part of the Consumer Protection Act. It is a criminal offence to fit any appliance in GB or IE to a fireplace where the periphery of the hearth is less than 50mm above floor level under **BS 5871 : Part 3**. (The installation of a fixed fender of 50-mm height will satisfy this hearth requirement). The actual thickness of the non-combustible surface material must be no less than 12.5mm. For other countries follow the rules and regulations in force.

(2.4) HOLE IN THE WALL INSTALLATIONS

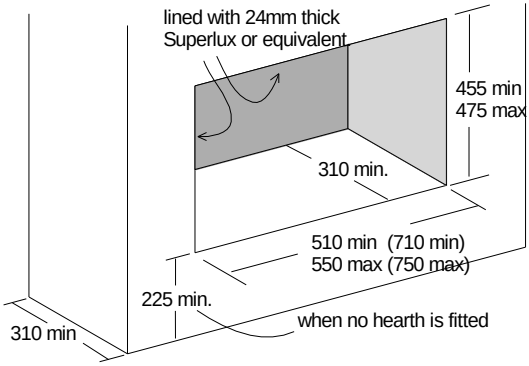
We recommend that a hearth be fitted as detailed above. However, it is permissible to install the appliance without a hearth provided that the distance from the base of the fireplace opening to the finished floor level is not less than 225mm and that an appropriate fireguard is used to protect the elderly, infirm and young.

(2.5) VENTILATION

All NV rated burners do not require purpose made ventilation, subject to a satisfactory spillage test.
Ventilation for installations in IE : Purpose made ventilation **must** be provided in accordance with regulation I.S. 813 1996. **Ventilation in other countries :** Follow the rules and regulations in force.

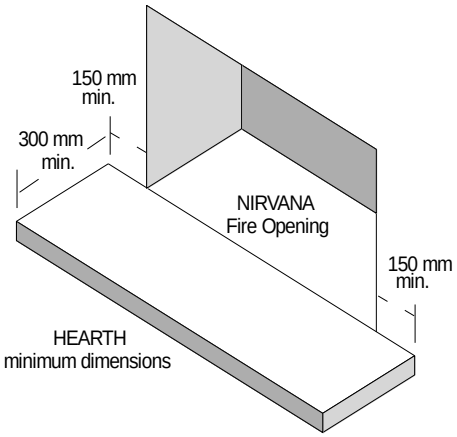
(3.0) SITING THE FIRE BOX

Dimensions when constructing a false chimney breast



D.6

Required Hearth dimensions when installing in a Fireplace



D.7

(4.0) FITTING THE APPLIANCE

(4.1) APPLIANCE REGULATIONS CHECK

The appliance shall be connected in accordance with the National Regulations.
The air supply shall be provided in accordance with the National Regulations.
Check that the appliance is the correct type for the fireplace into which it is to be installed.

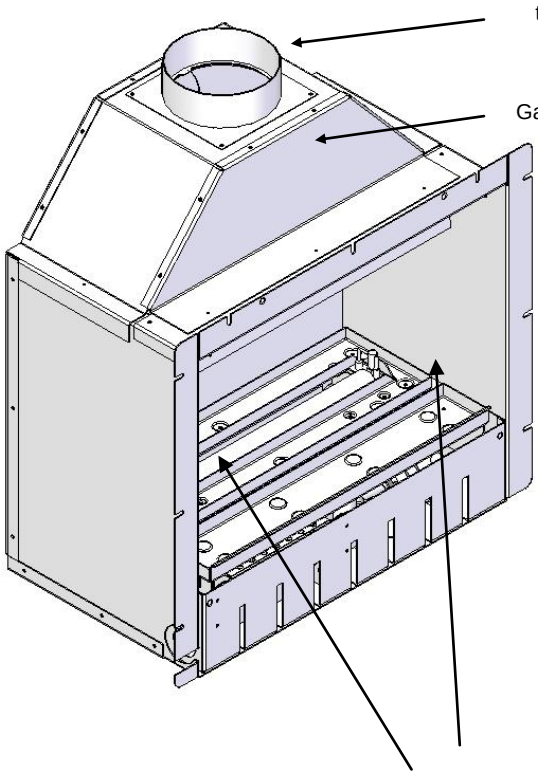
(4.2) THE GAS SUPPLY

The gas supply should be routed from the meter to a point convenient to the fireplace. A means of isolation should be fitted to allow disconnection of the appliance from the supply for service & maintenance. Ensure that the pipe sizing allows for pressure drops and will provide an operating pressure of 20 mbar (G20) and 37 mbar (G31) at the appliance, when running on high.

(4.3) FITTING THE GATHER HOOD & TOP FLUE SPIGOT

Attach the gather hood to the firebox with the screws provided in the gather hood fixing kit (eight M6 3/8 self tapping screws), securing the gather hood from within the firebox. The top flue spigot can now be attached to the top of the gather hood as shown below

D.8



(4.5) **FITTING THE FIREBOX**

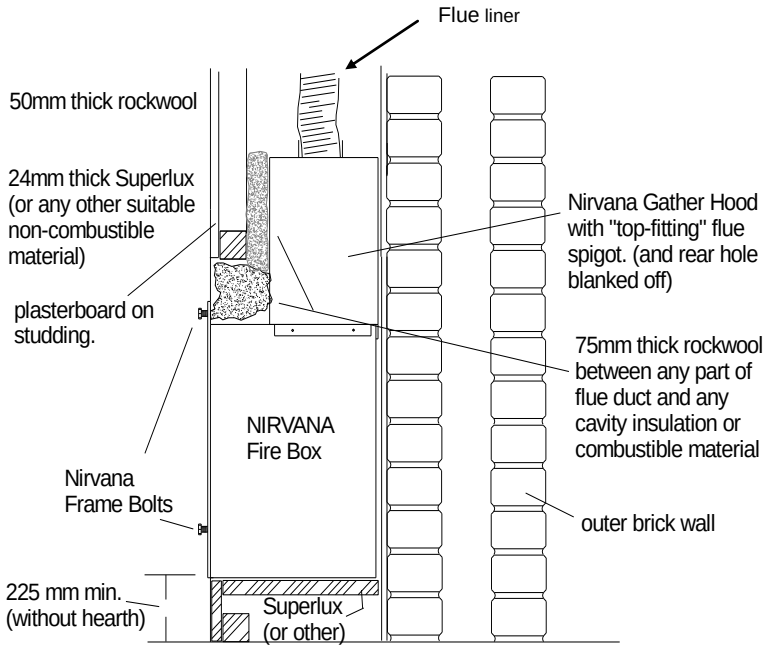
(4.5.1) Clear the recess of any loose material. Ensure that the base on which the firebox will stand is level and non-combustible.

(4.5.2) Cut out and form a section of 8mm pipe; only rigid or semi rigid tubing is acceptable and run this into the fireplace opening. If a concealed fitting is required, care must be taken to sleeve the supply pipe when fitting through masonry.

(4.5.3) Slide the firebox into the opening and locate the gas supply pipe within the firebox. The firebox should now be secured to the wall using the wire-fixing kit provided.

NOTE: The following diagram is a guide to instruct the installation engineer about insulating 'hot parts' of this appliance and protecting combustible materials.

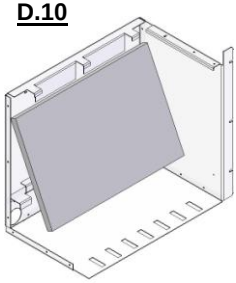
. **D.9**



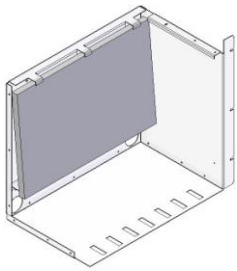
(4.7) FITTING THE LINING PANELS

Whilst it is permissible to replace the ceramic lining panels with natural stone, marble or granite. The appliance manufacturer accepts no responsibility whatsoever for any damage, deterioration or discolouration for any alternative infill panels supplied by a third party. It is advised that appropriate expansion joints are provided
When using any other alternative lining
material.

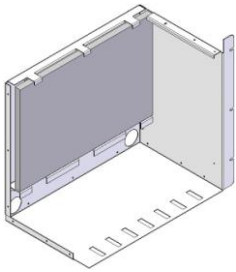
D.10



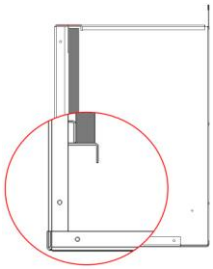
1. Take the rear infill and position it in the firebox such that it 'hooks' under the rear tabs



2. Move the bottom of the panel upwards and towards the rear of the firebox

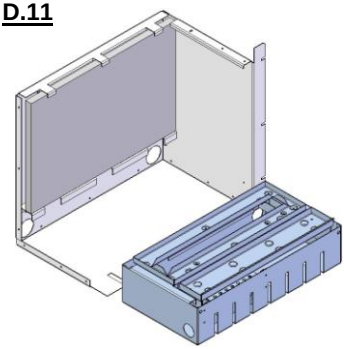


3. Still lifting upwards, allow the infill panel to rest on the ledge at the back of the box

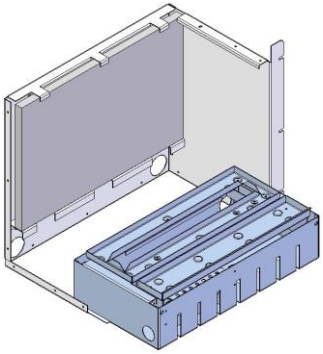


4. The above side-view shows the correct, vertical position of the rear panel

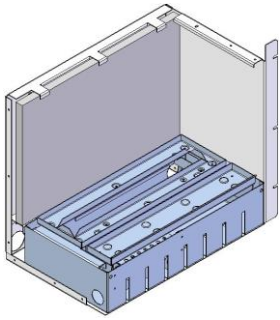
D.11



1. Before fitting the side infill panels, the burner-box must be placed in position within the firebox.



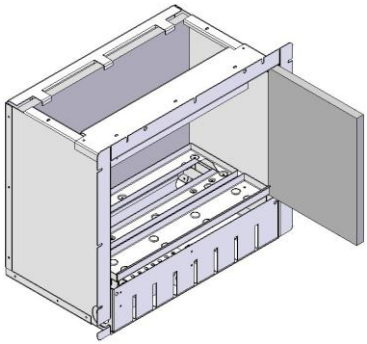
2. Slide the burner-box into the firebox as shown above.



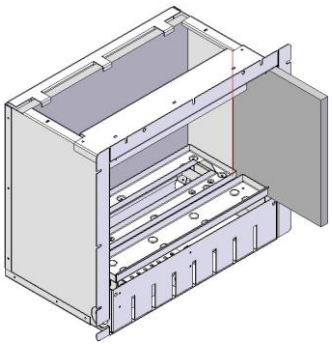
3. When the burner-box is fully home, secure it into place with two self-tapping screws **from the inside**

NOTE: It is important to secure the burner-box to the firebox with screws fixed from the inside of the burner-box, to allow for the burner-box to be removed for possible, future servicing - leaving the firebox in place and undisturbed

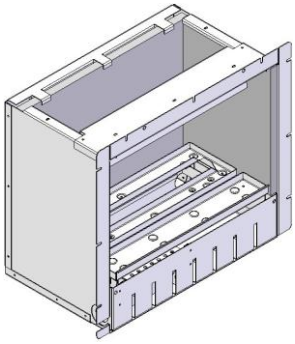
D.11 (cont'd)



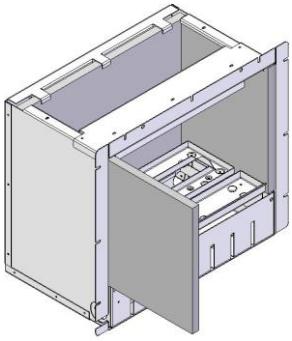
4. Take the RH side infill panel and offer it into position as shown above.



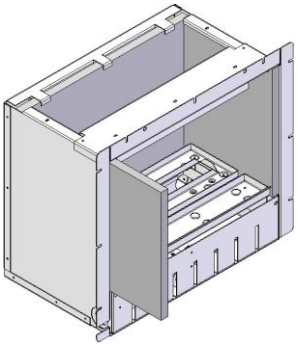
5. Then, carefully slide it along the upper groove and resting vertically on the burner-box



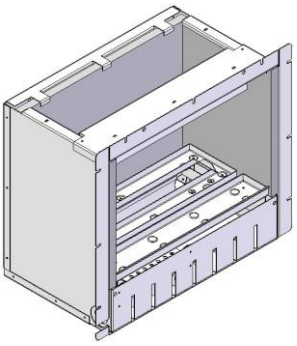
6. Push the infill panel all the way to the rear of the box until it makes contact with the rear infill panel.



7. Repeat the above process with the LH side infill panel see above.



8. The above picture shows the LH panel sliding into position



9. When these two infill panels are fitted, they will sit quite flush with the firebox side flanges

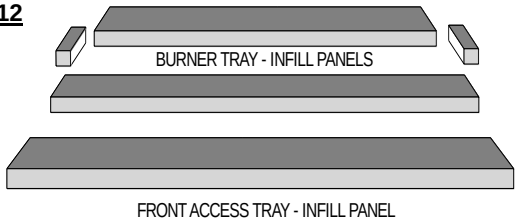
IMPORTANT SAFETY NOTICE

This product uses components containing Refractory Ceramic Fibre (RCF) like the panels above and the imitation fuel, which contain man-made vitreous silicate fibres. Excessive exposure to these materials may cause temporary irritation to eyes, skin or respiratory tract. Consequently, it makes sense to take care when handling these items to ensure that the release of RCF dust is kept to a minimum during installation and servicing.

Burner Tray & Acess Tray Infill Panels

The four Burner Tray infill panels can now be fitted along with the Front (hinged) Access Tray infill panels. These panels are reversible and either side can be exposed.

D.12



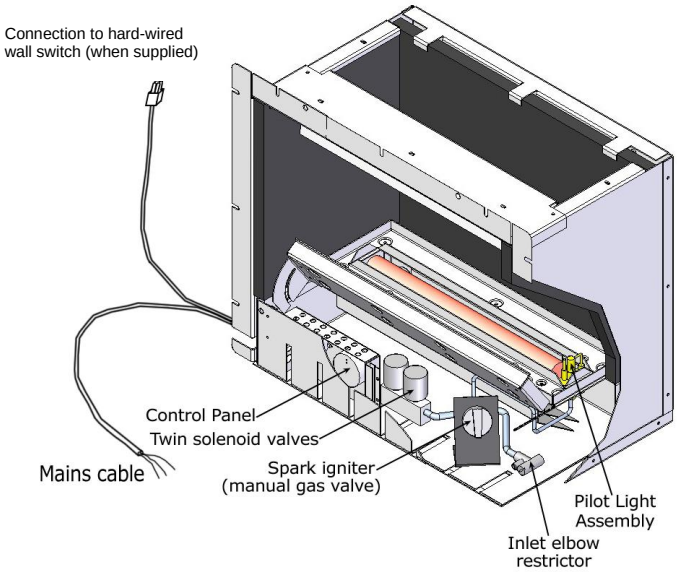
(4.8) ELECTRICAL WIRING (on Mains Electrical Models only)

(4.8.1) All external wiring to and from the appliance must be in accordance with the latest I.E.E. Wiring Regulations and any local Regulations that might apply.

(4.8.2) The appliance requires a 220V - 240V 50Hz supply to the firebox. The 2.5 metre supply cord fitted, should be suitably routed to a double-pole isolating switch with a contact separation of at least 3 mm in both poles. Alternatively, a suitable 3-pin plug fused at 3A or 5A into a power socket easily accessible to the user, to isolate the fire from the mains supply as required.

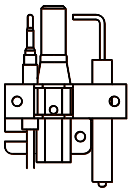
(4.8.3) Any additional cable used should be 3 x 0.75 mm2 (24 x 0.2 mm) PVC heat resistant as specified in Table 16 of BS 6500

D.13



D.14

(4.8.4) CHECKING THE IGNITION



Pilot Light Assembly

Check that the ignition system functions correctly. Push and turn the control knob on the spark igniter and check that a spark is generated at the pilot burner (see diagram below). If no spark is evident, check the soundness of the leads and the spark gap is 4 mm $\pm$ 0.5. Adjust if necessary by gently bending the spark generator into position.

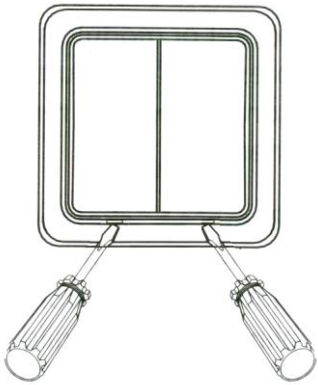
(4.8.5) **Installing the wall switch (HARD WIRED)**

- If the appliance has been supplied with a hard wired wall switch, this must be permanently fixed to a wall surface in the same room as the appliance, and in a location that allows a full and uninterrupted view of the fire.
- The standard cable length is 3m between the appliance and the switch location.
- Recess the wall box into the wall surface, feeding the cable from the appliance up to the switch location along a suitable route.
- The cable is connected to the switch via a male and female molex connector which is supplied pre wired.
- Once connected, screw the fascia into the wall box with the screws provided.

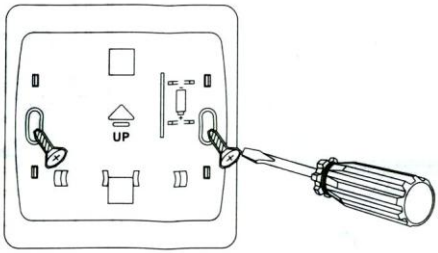
(4.8.6) **Installing the wall switch (WIRE FREE)**

- If the appliance has been supplied with a wire free wall switch, this must be permanently fixed to a wall surface in the same room as the appliance, and in a location that allows a full and interrupted view of the fire.
- The switch is effective up to 10mtrs distance from the appliance.
- Using a small flat screwdriver remove the front cover switches by placing the screw driver in the location notch on the bottom part of each rocker switch and unclip the switch. **(See D.14A)** When both are unclipped you have access to the inside of the switch and the battery.
- Gently push the switch back through the back of the outer frame. You now have a backing plate, and an outer frame.
- Use the backing plate to mark the fixing points in the wall and then screw it to the wall with the fixings provided. Ensure that the arrow is pointing up. **(See D.14B)**
- Then clip the outer frame onto the backing plate, and then refit the switches by clicking them back into position. Ensure that the location notch is to the bottom of each switch.

D.14A
Removing the switches



D.14B
Fixing the backing plate



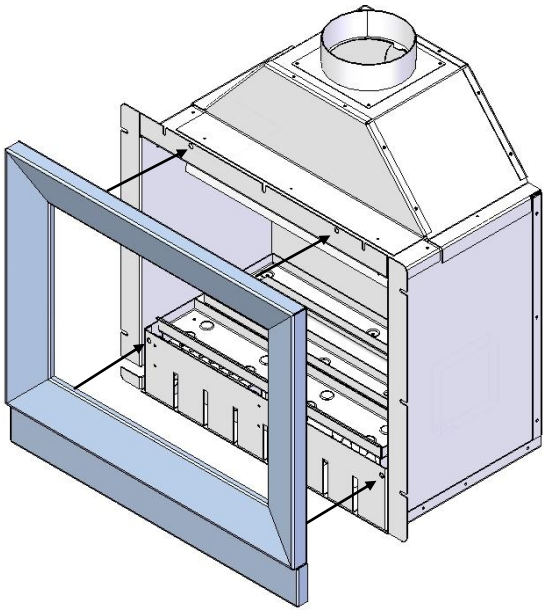
(4.9) **THE NIRVANA FRAME**

- This Nirvana Gas Fire is usually supplied with a Frame (or Trim). There are many different frames for the Nirvana but they all fix to the firebox in the same way. (hanging on fixing bolts, on the front of the firebox)

(4.9.1) FRAME / TRIM FIXING LOCATIONS ON THE FIREBOX

- Using the four fixing bolts provided in the Nirvana fixing kit screw these into the four holes as shown in the diagram below.

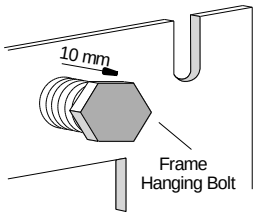
D.15



(4.9.2) HANGING THE FRAME / TRIM

Once the four fixing bolts have been screwed into place and adjusted to the right length (about 10mm of thread), the trim can be hung onto the bolts and slid into place. The four bolts should fit securely into place within the “keyhole” slots on the fixing brackets located at the rear of the trim.

D.16



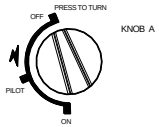
(5.0) **BURNER GAS SOUNDNESS CHECK**

Please refer to D.19 and D.20 when following these instructions.

Open the burner tray for access by lifting the front hinged access panel

Mains Electricity Powered Models

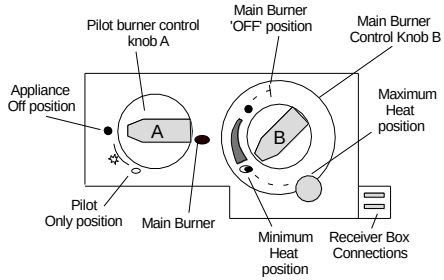
D.17 knob A



(1) Depress knob A, 'Pilot control' and rotate it anti-clockwise whilst keeping it depressed, to the ignition position. (Shown as 'Pilot' on the diagram) A click will be heard as it passes the ignition symbol and the pilot flame should light.
(2) Hold knob A, in this position for about 20 seconds until the flame supervision device has established. Observe the pilot flame alight at the end of the burner.
(3) If it fails to ignite, repeat the procedure – keeping knob A depressed for slightly longer to purge the system of air.
(4) If it still fails to ignite, ensure the area surrounding the pilot assembly is clear of obstructions and debris and repeat the procedure.
(5) Once the pilot has been established, turn the control knob through to the 'ON' position. This will allow the appliance main burner to be switched on/off and high/low from the remote switching unit.
(6) Ignite the main burner by operating one of the remote switch control units. Once the burner has lit, spray all compression joints using leak detector fluid. Ensure it is sound. If a leak is apparent, switch off the burner and the pilot and seal the joint before carrying out this procedure once again.
(7) Once satisfied that there is no leak, turn the main burner off.
(8) Then switch the pilot off by rotating knob A to the 'OFF' position.
(9) Close the burner tray hinged access panel.

Battery-Powered Models

D.18

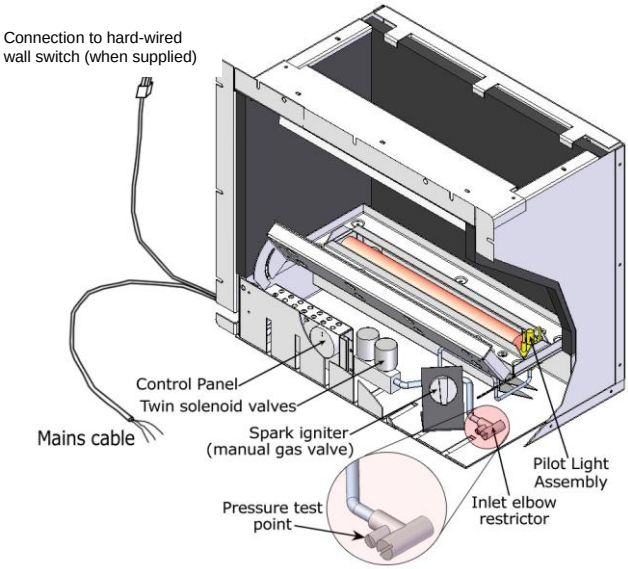


(1) Make sure that knob B 'Main Burner Control' is turned clockwise as far as it will allow. This is the main burner control in the 'OFF' position
(2) Depress knob A, 'Pilot control' and rotate it anti-clockwise whilst keeping it depressed. A click will be heard as it passes the ignition symbol and the pilot flame should light.
(3) Hold knob A in this position for about 20 seconds, keeping it depressed. This will allow the flame supervision device to be stablished. Observe the pilot flame at the end of the burner. If after 20 seconds ignition is not complete, turn knob A back to the 'OFF' position and leave for 30 seconds before trying again.
(4) If the pilot fails to ignite, repeat procedures 2 and 3 keeping knob A depressed for slightly longer to purge the system of air.
(5) Once the pilot is established, press and turn knob A to the 'Main Burner' position.
(6) Ignite the main burner by rotating knob B to the 'MAX' position. Once the burner has lit, spray test all compression joints using leak detector fluid. If a leak is apparent switch off the burner & pilot and seal any leaking joint. Re-test for leaks with burner lit.
(7) Turn main burner off by rotating knob B to the 'Main Burner Off' position – and then the Pilot to Off with knob A ('Appliance Off')
(8) Close the burner tray hinged access panel.

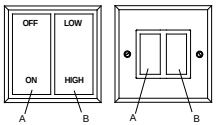
(5.2) **FINAL GAS SOUNDNESS CHECK**

With the gas supply connected, all joints should be checked for gas soundness in accordance with **BS 6891** (for countries outside GB and IE see the rules and regulations in force).
Check that the gas supply pipe sizing is delivering 20 mbar with the appliance running on full, for G20 models and 37mbar for G31 by using the pressure test point on the restrictor elbow. (see D.19 or D.20) If this is less than indicated when running the appliance on full, resolve the supply pressure problem before proceeding.

D.19

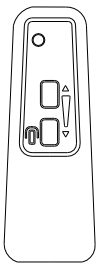


Switch Controls supplied
With this model

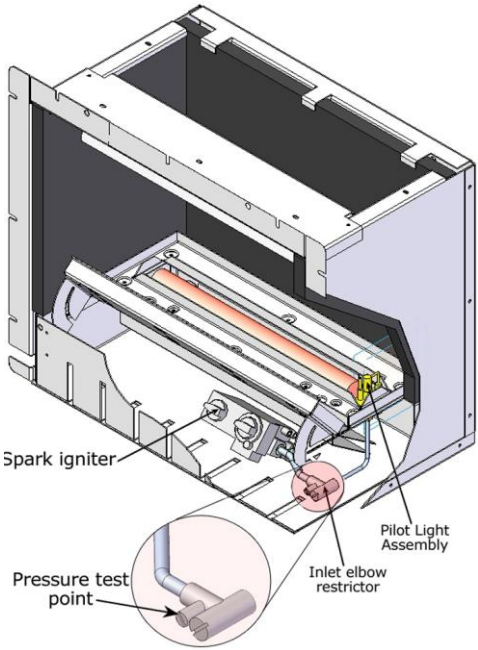


Wirefree Hard wired

D.20



Remote control handset
with this model



(6.0) USERS INSTRUCTIONS on LIGHTING and CONTROLLING the APPLIANCE

(6.1) LIGHTING THE PILOT FLAME OF THE FIRE

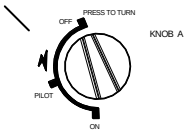
In order to control the fire, the pilot flame must be firstly lit, manually.

The remote operation of this fire relies upon a pilot light being firstly established by the user. From then on, with this "permanent pilot" in place, the fire can be switched ON and OFF, and turned from HIGH to LOW by use of one of the remote switching devices

To prevent accidental operation of the fire, we recommend that the fire be switched off when not in use.

Mains Electricity Powered Models

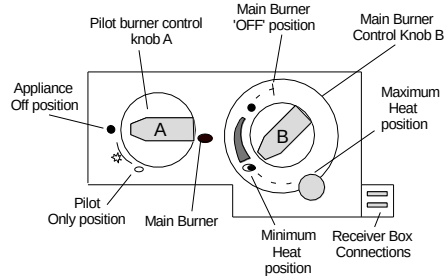
D.21 knob A



(1) Depress knob A, 'Pilot control' and rotate it anti-clockwise whilst keeping it depressed, to the ignition position. (Shown as 'Pilot' on the diagram) A click will be heard as it passes the ignition symbol and the pilot flame should light.
(2) Hold knob A, in this position for about 20 seconds until the flame supervision device has established. Observe the pilot flame alight at the end of the burner.
(3) If it fails to ignite, repeat the procedure – keeping knob A depressed for slightly longer to purge the system of air.
(4) If it still fails to ignite, ensure the area surrounding the pilot assembly is clear of obstructions and debris and repeat the procedure.
(5) Once the pilot has been established, turn the control knob through to the 'ON' position. This will allow the appliance main burner to be switched ON/OFF and HIGH/LOW from the remote switching unit.
(6) Ignite and/or control the the main burner by operating one of the remote switch control units.
(7) To switch the pilot off, rotate knob A to the 'OFF' position.
(8) Close the burner tray hinged access panel.

Battery-Powered Models

D.22

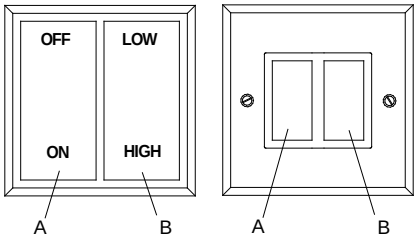


(1) Make sure that knob B 'Main Burner Control' is turned clockwise as far as it will allow. This is the main burner control in the 'OFF' position
(2) Depress knob A, 'Pilot control' and rotate it anti-clockwise whilst keeping it depressed. A click will be heard as it passes the ignition symbol and the pilot flame should light.
(3) Hold knob A in this position for about 20 seconds, keeping it depressed. This will allow the flame supervision device to be stablished. Observe the pilot flame at the end of the burner. If after 20 seconds ignition is not complete, turn knob A back to the 'OFF' position and leave for 30 seconds before trying again.
(4) If the pilot fails to ignite, repeat procedures 2 and 3 keeping knob A depressed for slightly longer to purge the system of air.
(5) Once the pilot is established, press and turn knob A to the 'Main Burner' position.
(6) Ignite and/or control the main burner by rotating knob B manually, or by using the hand held remote control.
(7) Turn main burner off by rotating knob B to the 'Main Burner Off' position – and then the Pilot to Off with knob A ('Appliance Off')
(8) Close the burner tray hinged access panel.

(6.2) CONTROLLING THE FLAME HEIGHT / HEAT OUTPUT OF THE FIRE

Mains Electricity Powered Models

D.23



Wire-Free Wall Switch / Hard-Wired Wall Switch

When the pilot burner control knob A is in the 'ON' position, either the Wire-Free switch or hard wired Wall switch may be used to change the flame height between 'HIGH' and 'LOW', or switch the main burner 'ON' and 'OFF'.

To light the main burner from either wall switch, depress button or switch A (to ON) This will cause the main burner to light from the standing pilot.

There are two flame settings on this model. These are selected by using switch B, and pressing the switch in either direction will toggle the flame height between 'HIGH' and 'LOW'.

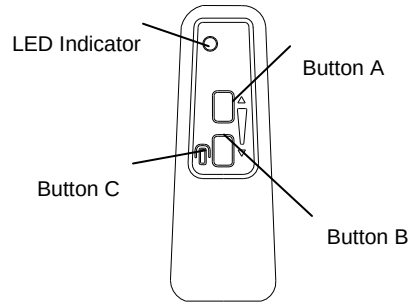
To turn the main burner off press button or switch A (to OFF). The pilot flame remains alight which is perfectly safe and a design feature of the appliance.

To turn the appliance off completely, including the pilot flame, rotate control knob A clockwise to position shown as 'OFF'.

NB. This appliance has been designed with safety in mind.The wirefree switch must always be permanently fixed to a wall surface that allows a full and unobstructed view of the fire. It is recommended that the Wirefree switch is mounted well out of reach of young children. For complete safety, attach the Wirefree Wall Switch at a high level out of reach of young children, the elderly or infirm.

Battery-Powered Models

D.24



When the pilot burner control knob A is in the 'Main Burner' position, the remote control handset (shown above) may be used to vary the flame effect between 'HIGH' and 'LOW' or switch the fire back to PILOT ONLY setting. Alternatively the valve can be used manually.

This handset operates on ultrasound principles and as such it is not necessary to point the handset directly at the fire.
To light the main burner from the handset, ensure that the pilot flame is lit and the pilot control knob A is set to the 'Main Burner' ON. Then, by depressing **both** Buttons A and the small Button C, the valve will operate and the burner will ignite. Keep both buttons pressed to turn the valve higher.

To then alter the flame settings, press and hold Button B to turn the flame down and repeat procedure above to turn the flame higher.

When the main burner reaches fully ON or fully OFF a loud clicking will be heard. Release the buttons at this point to avoid draining the batteries.

To carry out the flame modulation manually, rotate the control knob 'B' to achieve the desired flame setting.

When the main burner has been turned 'OFF' either by with the handset or manually using control knob 'B', the pilot flame remains alight. This is perfectly safe and a design feature of the appliance.

To turn the appliance off completely, including the pilot flame, rotate control knob 'A' to the 'OFF' position.

(6.3) IF THE PILOT IGNITION (PIEZO) FAILS, LIGHTING THE APPLIANCE WITH A TAPER

Ensure you can see the pilot assembly at the right-hand end of the burner. Light a taper or a long spill and insert the lit end into the close vicinity of the pilot assembly. Follow the instructions detailed in section (6.0) dependant on the type of valve fitted. Once the pilot has ignited from the taper, keep the knob depressed for 20 seconds. Release the knob and the pilot will remain alight. If it doesn't, repeat the process, ensuring that the pilot area is clear from any obstructions and debris.

Once the pilot flame is established, the appliance can be operated as normal.

(7.0) THE FLAME MONITORING & ODS SYSTEM

This pilot unit incorporates a system, which will automatically shut off the gas supply if the pilot flame goes out, or if there is insufficient oxygen due to spillage or lack of ventilation.

Check that the system operates properly as follows.

Light the appliance and leave on 'HIGH' for one minute.

Turn back to 'OFF' to extinguish the pilot. **Note the time when the pilot goes out.**

Listen for a 'click' sound at the gas valve. **Note the time when this sound is heard.**

An electromagnetic valve shutting off the gas supply through the valve causes this sound. This valve should operate **within 60 seconds of the pilot going out.** If the valve doesn't operate within this time limit, do not allow the appliance to be used until the fault has been corrected.

THIS MONITORING SYSTEM MUST NOT BE ADJUSTED, BYPASSED OR PUT OUT OF OPERATION. THIS MONITORING SYSTEM OR ANY OF ITS PARTS MUST ONLY BE EXCHANGED USING GENUINE PARTS SUPPLIED BY THE MANUFACTURER.

(7.1) CHECKING FOR SPILLAGE

Before briefing the customer on how to use the appliance, a spillage test must be carried out with the appliance on. The following procedure must be followed.

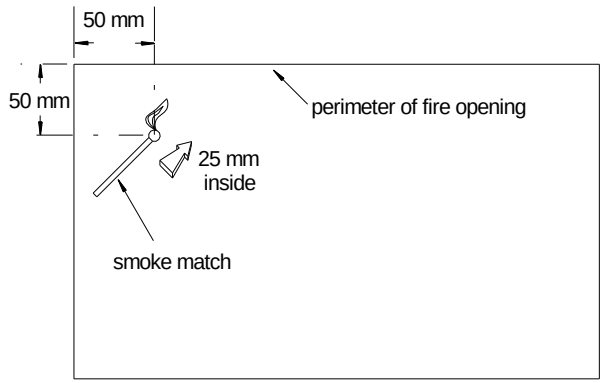
Close all doors and windows in the room or space containing the appliance.

Light the appliance and burn at maximum for 5 minutes.

Light a smoke match and position it 25 mm inside the fire opening and 50 mm from the side and top perimeter. A visual check should ascertain that all smoke generated is drawn back into the fireplace opening.

If smoke comes into the room, burn the appliance on full for a further 10 minutes. Repeat the test. If the flue still fails the test, **DISCONNECT THE APPLIANCE FROM THE GAS SUPPLY,** and seek specialist flue advice.**N.B.** If a mechanical extraction device is fitted into an adjacent room, the door should be opened and the spillage test repeated with the extraction device running.

D.25 SPILLAGE TEST USING A SMOKE MATCH



(8.0) **BRIEFING THE USER**

Ensure the user completely understands the emergency operation for controlling the fire as detailed
Inform the User that all cleaning procedures should be carried out **ONLY when** the appliance is cold.

Explain the function of the ODS as described earlier in this manual.
Explain the permanent pilot and it's benefits.
Leave these instructions, with the User.
Advise the importance of having the appliance serviced and the chimney checked as well as any purpose provided ventilation for clearance of combustion products on an annual basis.

If this device starts to shut off the gas frequently, please seek expert advice from your supplier.

IF ANY PROBLEMS OCCUR DURING INSTALLATION, PLEASE CONTACT THE MANUFACTURER, AND ASK FOR TECHNICAL SUPPORT.

(9.0) **SERVICE AND MAINTENANCE**

This appliance requires service annually by a suitably qualified engineer which shall include the checking of the chimney to ensure that all products of combustion are entering the flue or canopy, as applicable, and that there is no excessive build up of soot.

BEFORE ANY SERVICING ENSURE THAT THE GAS SUPPLY TO THE APPLIANCE IS TURNED OFF. AFTER REFITTING THE APPLIANCE, CHECK FOR GAS SOUNDNESS AND SPILLAGE.

(10.0)

PARTS LIST	PART NUMBER	PARTS LIST	PART NUMBER
Injector NV natural Gas	2.22 mm dia	Burner tray	
Injector NV L.P.G.	1.38 mm dia	Firebox wrapper	
Pilot assembly natural gas	Seagas P4-25	Gather hood	
Pilot assembly L.P.G	Seagas P4-47	Wire Fixing kit	
Restrictor Elbow		Reversible Ribbed/	
Valve to injector pipe		Smooth ceramic board set	
Inlet to valve pipe		Burner Tray Infill Panel set	
Pilot pipe		Front access Infill panel	
Inlet elbow			
Remote Twin Valve			
RF receiver			
RF Wall-switch Transmitter			
Hard-Wired two-gang wall switch			
Ultrasound Handheld Transmitter			

(11.0) SERVICING

(11.0.1) Remove all soot and debris from the burner tray, a vacuum cleaner is best for this.
(11.0.2) Check that the pilot ignition spark is functioning correctly.
(11.0.3) Light the pilot flame and ensure that the flame shroud is sharp in definition and plays on to the thermocouple. The pilot assembly may need removing and cleaning, if this is necessary follow the instructions provided.
(11.0.4) Ignite the main burner from the pilot. Ensure that all burner ports are alight and burning cleanly. It may be necessary to further clean the burner.

(11.1) TO REMOVE THE BURNER

(11.1.1) Remove the four fixing screws securing the burner
(11.1.2) Ensure that the gas supply to the appliance is turned off.
(11.1.3) Disconnect the burner from the gas supply at the restrictor elbow
(11.1.4) To refit, follow these instructions in reverse, paying particular attention to the burner gas soundness procedures detailed in section **5.0** on page. **13**.

(11.2) TO REMOVE THE FIREBOX

(11.2.1) Remove any decorative frame from around the fire opening.
(11.2.2) Then, remove the burner as detailed above.
(11.2.3) Undo the screw fixings around the edges of the sealing frame and in the base of the appliance if these have been fitted.
(11.2.4) NB. If the unit has been fitted with a gather hood, the fixing screws need to be undone from within the firebox.
(11.2.5) Carefully slide the firebox from the opening.
(11.2.6) To refit, follow these instructions in reverse.

(11.3) TO REMOVE THE PILOT ASSEMBLY (Seagas P4-25 N.G. - Seagas P4-47 L.P.G.)

(11.3.1) Remove the burner as detailed above.
(11.3.2) Unscrew the thermocouple nut from the rear of the valve.
When re-connecting **do not over-tighten.**
(11.3.3) Undo the HT lead from the electrode ceramic.
(11.3.4) Undo the fixing nut on the 4mm steel supply pipe to the pilot, at the pilot end.
(11.3.5) Remove the fixing screws from the pilot bracket and the complete assembly will remove from the burner tray. Ensure that the pilot injector and flame ports are clear of debris before refitting.
(11.3.6) Visually inspect the thermocouple and pilot head for signs of deterioration, and the electrode ceramic for cracks. If either of these situations exists, replace the complete unit
(11.3.7) Also check that the spark gap is 4 mm (± 0.5).
(11.3.8) To replace or refit, follow these instructions in reverse.

(11.4) TO REMOVE THE TWIN SOLENOID VALVES

(11.4.1) **Remote Control Units**
(11.4.2) Unscrew the 2 nuts where the gas connections are on the valve
(11.4.3) When reconnecting, **check for gas leaks**
(11.4.4) Disconnect the molex plug/socket from the control box.
(11.4.5) Lift valve assembly clear of appliance
(11.4.6) To refit or replace the valves, follow these instructions in reverse.

(11.5) TO REMOVE THE INJECTOR ELBOW

(11.5.1) Remove the burner as detailed above.
(11.5.2) Once out, the injector can easily be unscrewed from the side of the burner.
(11.5.3) To refit, thread the injector and any blanking plate back into the opening ensuring that there is sufficient movement to allow a half turn rotation when the burner is refitted.

(12.0) WIRELESS REMOTE CONTROL USEAGE

The Nirvana can be supplied with a Wireless Remote Control System capable of switching the burner "On" and "Off" and also controlling the flame height in two preset positions, "High" and "Low".

The Transmitter is available as follows

a wireless ("Wire-free") twin-gang wall switch (see D.23)

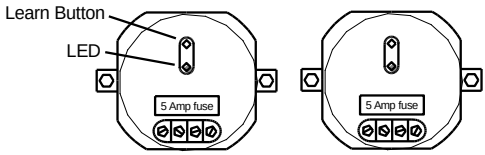
If you have purchased a "wireless remote control" Nirvana, it would have been supplied with this Wall mounted Wire-Free switch

The wireless pairing of the Transmitter and Receivers has been factory preset.
However should you lose the Wire-Free Wall Switch, or require additional controllers (up to 6 can be used with each appliance) a replacement or spares can be obtained from your Fire Retailer.

IF YOU DO OBTAIN REPLACEMENT TRANSMITTERS, they will arrive with "Blank Memories" and have to be programmed to be "paired" with the Receivers located within the appliance and any other Receivers that you have self programmed"

1. Locate the position of the Receivers on the control panel of the fire, by sliding the control panel upwards

D.26



ON / OFF Receiver HIGH / LOW Receiver

2. Connect the mains electricity to the appliance. (the pilot doesn't need to be lit at this time)
3. Only the LED on the ON/OFF receiver will be illuminated.
4. Using the tip of a ball pen, press and hold in the Learn Button on the ON/OFF module, for 3 seconds
5. When the LED starts to flash, press the "ON" button on the remote "Wire-free" wall switch (see D.23)
6. The LED will now stop flashing, and the LED on the HIGH/LOW Receiver module will illuminate.
7. Next, press and hold in the Learn Button on the HIGH/LOW Receiver for 3 seconds.
8. When this LED starts to flash, press the "HIGH" button on the remote Transmitter device.
9. This LED will now stop flashing.

NOTE by programming "ON" and "HIGH" respectively, the "OFF" and "LOW" positions are automatically memorised by the modules.

The units are now "paired" together.

(13.0) FAULT FINDING (for CORGI Engineer)

Difficult installations or unfamiliarity with the product can often lead to faults occurring. As these appliances are (and have to be, by law), fully tested for compliance with the Gas Appliance Directive, we are confident that no faults will occur during or after installation. However, should this not be the case then please follow these simple steps to establish the problem and it's subsequent remedy.

Problem	Reason	Remedy
The Piezo will not spark ?	The electrode is broken	Replace the whole pilot assembly
	The spark gap is no longer 4mm	Adjust the spark gap
	The HT lead is shorting to the fire tray	Re-route the Ht lead away from trouble
	The HT lead is proven to be faulty	Replace the HT lead
There is a spark, but the pilot won't light ?	There is no gas reaching the pilot	Check all gas connections
	The pilot jet might be blocked	Check for blockage and clean
	Still no pilot lighting with good spark	Replace whole pilot assembly
When the control knob is released, the pilot goes out ?	The th'couple is disconnected or loose	Re-fix and tighten the thermocouple
	The thermocouple appears faulty	Replace the thermocouple
	The electro-mag valve appears faulty	Replace the whole valve
The pilot lights OK, but the main burner won't light?	The fuel bed, or part of it, is obstructing the pilot light path to the burner	Re-lay the fuel bed as per instructions (see instructions with fuel set)
	The control knob is not at the correct position	Ensure that the knob is correctly positioned
The fuel bed is appearing to 'soot' heavily ?	The fuel bed and ceramics have moved	Re-lay the fuel bed as per instructions
Fumes entering the room when fire is burning ?	The flue is blocked or partially obstructed	Remove the obstruction

some common Electrical Faults in Power Flue Fires

The Fan won't run	The remote control unit is not working	Try using the other remote
	The battery in the remote control is flat	Replace the battery
	The mains supply to the fire is off	Switch the power on to the fire
	The fan motor has failed	Replace the Fan
The Fan runs but the fire won't light ?	The pilot light isn't lit	Light the pilot
	The flue might be blocked	Remove the blockage
	The 'pipes' on the APS are disconnected	Reconnect the pipes
	The 'pipes' are reversed	Return the pipes to their correct positions
	The Pressure Switch doesn't work	Replace the Pressure Switch
	The wire connections on the APS are wrong	Correct the wiring
	A Solenoid valve has failed	Replace the Solenoid valve
	A Solenoid valve has been disconnected	Reconnect the Solenoid valve