

Owner's Manual

INCLUDES

User, Maintenance, Service, and Installation
Instructions

PUREVISION  N

PV5W FREESTANDING GAS STOVE



Keep this booklet for service log and future reference

IMPORTANT



This appliance is guaranteed for 12 months subject to conditions. The 5 year extended parts warranty will only be valid if the annual service recommended in this manual has been completed and appliance has been registered online.

For use in Great Britain and Ireland.

Literature NO 7271 (ISS 2)

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EXTENDED FIVE YEAR PARTS WARRANTY

In order to validate your extended 5 years parts warranty please read the Benchmark Scheme on the opposite page and ensure your installer has filled in the appropriate checklist.

This in no way reduces your statutory rights

Your warranty commences from the date of purchase and you must retain your receipt or invoice as proof of a purchase date.

THIS EXTENDED WARRANTY SPECIFICALLY EXCLUDES GLASS AND SOFT REFRACTORY COMPONENTS, THE BULB AND ANY BATTERIES.

Terms and Conditions

1. The appliance must be installed by a GAS SAFE registered person.
2. The appliance must be used in accordance with the user's instructions.
3. The appliance must be serviced annually by a GAS SAFE registered person.
4. The benchmark and service log must be correctly filled out and the record of annual services must be up to date and supported by receipts in each case.
5. This warranty is not transferable and relates to the original installation only.
6. The appliance has not been subjected to misuse or accident or been modified or repaired by any person other than the authorised employee or authorised representative of Charlton and Jenrick Ltd.
7. The registration form must be returned within 1 month of purchase.

Technical Help Desk 01952 200 444

Benchmark Scheme



Charlton and Jenrick Ltd is a licensed member of the Benchmark Scheme which aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the UK and to encourage regular servicing to optimise safety, efficiency and performance. Benchmark is managed and promoted by the Heating and Hotwater Industry Council. For more information and the full code of practice please visit www.centralheating.co.uk

Please ensure that the installer has fully completed the Benchmark Checklist on the inside back pages of the installation instructions supplied with the product and that you have signed it to say that you have received a full and clear explanation of its operation. The installer is legally required to complete a commissioning checklist as a means of complying with the appropriate Building Regulations (England and Wales).

All installations must be notified to Local Area Building Control either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer who should, on receipt, write the Notification Number on the Benchmark Checklist.

This product should be serviced regularly to optimise its safety, efficiency and performance. The service engineer should complete the relevant Service Record on the Benchmark Checklist after each service.

The Benchmark Checklist will be required in the event of any warranty.

It is a requirement that the gas fire is installed and commissioned to the manufacturer's instructions and the data fields on the commissioning checklist completed in full.

To instigate the guarantee, the gas fire needs to be registered with the manufacturer within one month of the installation.

To maintain the guarantee, it is essential that the gas fire is serviced annually by a Gas Safe registered engineer. The service details should be recorded on the Benchmark Service Interval Record and left with the householder.

Important

For future reference we suggest you record the following details here, and keep the receipt as proof of purchase. This information may be asked for when you contact the helpdesk.

MODEL:	PV5W FREESTANDING GAS STOVE	Serial No.	
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This information can be found on the label attached to the packaging and on the data badge, which is located on the base of the appliance behind the control cover.

Retailer Name:	
Address:	

Important: – These products must be installed by a suitably qualified Installer.

Installer information required to register for the extended warranty

Name:	
Date of installation:	
Gas safe number:	

SECTION ONE Introduction (Users Instructions)

Consumer Protection Information

As manufacturers and suppliers of heating products, we take every care, as far as is reasonably practicable, that these products are so designed and constructed as to meet the general safety requirement when properly used and installed. To this end, our products are thoroughly tested and examined before despatch.

IMPORTANT NOTICE: Any alteration that is not approved by the appliance manufacturer could invalidate the approval of the appliance, operation of the warranty and could affect your statutory rights.

Health and Safety Notice

Important

This appliance could contain some of the materials, indicated below, that could be interpreted as being injurious to health and safety. It is the users / installers responsibility to ensure that the necessary personal protective clothing is worn when handling these materials, see below for information.

Artificial Fuels, Mineral Wool, Insulation Material, Refractory/Ceramic Fibres, Glass Yarn - *may be harmful if inhaled, may be irritating to skin, eyes, nose and throat.*

When handling *avoid inhaling and contact with skin or eyes. Use disposable gloves, facemasks and eye protection. After handling wash hands and other exposed parts. If a vacuum is used for cleaning the Logs or cleaning after servicing / installation it is recommended that it be of the type fitted with a HEPA filter.*

Disposal of refractory/ceramic materials. To keep dust to a minimum these materials should be securely wrapped in polythene and be clearly labelled 'RCF waste'. These materials are not classified as 'hazardous waste and should be disposed of at a site licensed for the disposal of industrial waste.

Introduction

- The PV5W has been designed and tested for use in GB (Great Britain) and IE (Ireland).
- The PV5W incorporates a single gas valve which selects ignition pilot, with variable setting between low and high setting and is operated via remote control hand device . This system is powered by battery pack consisting of 6 off High Power Alkaline C 1.5V.
- The PV5W incorporates a safety device in the form of an Oxygen Depletion System, which constantly monitors the oxygen in the room and will cause the fire to switch off if the oxygen level reduces, for instance due to insufficient ventilation or a blocked flue.
- If this regularly occurs do not attempt to relight the appliance until a qualified engineer has checked it, the problem may not be due to lack of air or a defective flue.

Important Information

- The appliance is for use on Natural Gas (G20 @ 20mbar) Only.
- The chimney or flue (unless new or previously used with a gas appliance) shall be swept before installation if it has been used for solid fuel.
- Failure to install appliance correctly could lead to prosecution.

In GB (Great Britain), the appliance must be installed by a competent person i.e. GAS SAFE registered, in accordance with the GAS SAFETY (INSTALLATION AND USE) REGULATIONS, The Building Regulations (or The Building Regulations (Scotland) or The Building Regulations (Northern Ireland)) and The Current I.E.E. Wiring Regulations, if appropriate.

In IE (Ireland), the appliance must be installed by a competent person and installed in accordance with the current edition of I.S.813 Domestic Gas Installation, the current Building Regulations and the current ETCl rules for electrical installation, if appropriate.

- The glass front of this fire acts as a dress guard, conforming to BS 1945 (1997) however; a fireguard conforming to BS6539 (1997) must be used to protect young children, the elderly or infirm.
- The appliance **MUST NOT** be used with the glass safety screen removed or if it is damaged or cracked.
- During initial firing, an odour may be evident. This is the starch binder used during the manufacture of the fibre components of the fire, and there are **no harmful** effects produced.
- During the normal operation of the fire some black staining may appear on some parts of the fuel bed. This is quite normal and adds to the appearance of the appliance. However, if excessive black staining does occur it may be due to the fuel bed being incorrectly laid. This should be checked prior to contacting a service engineer.
- Care must be taken to prevent any damage being caused to surrounding soft furnishing or decoration; e.g. many embossed vinyl wall coverings may become discoloured if placed too close to the appliance. Combustible material i.e. wall panelling or wallpaper must be removed from behind the fire.
- It is advised that this appliance is serviced annually; as it is more likely to provide trouble-free operation.
- In GB (Great Britain) the fire does not normally require purpose built ventilation, but if for any special reason purpose built ventilation is provided it should be checked periodically to ensure freedom from obstructions.
- In IE (Ireland) permanent ventilation must comply with the current edition of IS813.

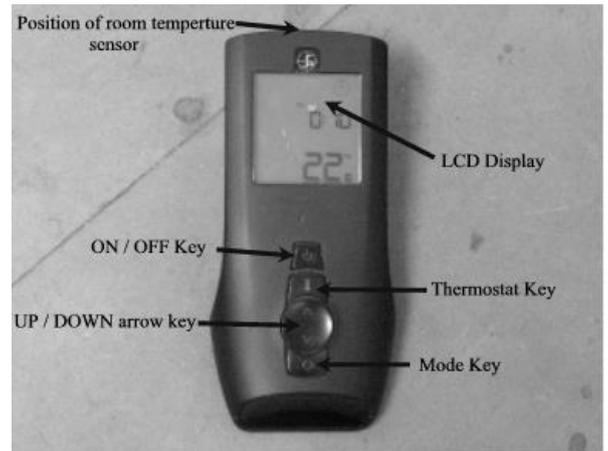
Distances from NON-combustible materials:

- The stove can be recessed in a suitable sized non-combustible fireplace but a permanent free air gap of at least 50mm must be left around the sides and top and at least 50 mm at the back of the stove to obtain reasonable heat output and for access to the stove for removal and maintenance.

SECTION TWO Operating the Appliance (Users Instructions)

To light the appliance using the remote hand set:

- a. Point the remote control hand set in the direction of the appliance and press the  button. Continue to hold the button for approximately 2 seconds and release. When released a beep should be heard and the appliance will automatically go through the ignition sequence and the pilot should ignite. Once the pilot is alight the appliance will automatically go to the high setting (approximately 20-25sec).
- b. If the ignitor stops sparking and the pilot fails to light press the  button for at least 2 seconds and release, again a beep should be heard. Then repeat the lighting procedure.



- c. With the appliance lit, by pressing  key the operational mode is switched from manual to Room thermostat setting and vice versa. When Room thermostat mode is active, the display shows the set temperature value and the "AUTO" icon will appear on the LCD display. By using the  arrow key the desired room temperature can be set. When manual mode is active, the display shows the "MAN" icon plus the flame icon and a five level bar icon setting. By pressing the  arrow key, the flame picture can be adjusted at five stages between high and low flame. If level 5 is currently active, the icon max  below the flame icon will appear.
- d. To switch off the appliance press the  button for at least 2 seconds and on releasing the button the appliance will beep and then shut off.
- e. The appliance can be switched off without using the hand set by removing the appliance batteries located below the air grill cover. When the batteries are removed there will be a delay (up 3minutes) after which, double beeps may be heard and shortly after the appliance will extinguish. Ensure that the battery is reconnected once the fire has been extinguished. The appliance cannot be operated without the use of the handset.

Room Thermostat mode

The remote handset checks the room temperature at a fixed time intervals. Depending on the difference between set room temperature and the actual room temperature the remote proceeds to modulate in one level steps. Once the room temperature is reached it moves to standby position pilot only.

The icon "PILOT" will appear on the LCD display. As soon as the actual room temperature falls below the SET room temperature, the system will move from standby to the high flame level. From this point it will proceed again the modulation process.

Note: Due to the temperature checks at timed intervals, the display temperature on the handset may exceed the room setting temperature before the appliance defaults to the pilot setting.

TO REPLACE BATTERY IN HAND SET (3 AAA TYPE BATTERIES)

Remove the cover from the rear of the handset and fit replacement battery.

Clock Regulation

As soon as the batteries are fitted the timer digits will blink. Using the  arrow key increase or decrease the hour, minutes and week`s value. By pressing the **O** will set and shift setting until complete.



Changing Clock Setting During Operation

To amend timer setting press both the  and **O** keys simultaneously for three seconds, the written clock will appear. To change the clock settings, repeat the above described operation.

Change From Celsius to Fahrenheit

With remote OFF, keeping pressed  key at least for 5 seconds, the temperature unit changes from Celsius to Fahrenheit degrees and vice versa.

Battery level indication (Handset)

When the batteries have to be changed in the handset, the related icon will appear.



Setting the sleep mode

To activate the sleep mode: With the fire switched on press the **O** button. The sleep symbol  will appear top right . The sleep symbol replaces the time indicator in this mode. Using the  arrow key increase the sleep mode in 15 minute intervals (a small star will be visible next to the sleep symbol once any time is set)  .Once the set time is reached, the fire will completely switch off without any further intervention.

When the fire is next operated, the sleep mode will automatically appear unless it is re-set to zero. This can be done by pressing the **O** key and using the  button to decrease the time set by 15 minute intervals until back to zero.

If you experience unexplained outing on the fire please check that the sleep mode is switched off.

LOW BATTERY INDICATION (APPLIANCE)

If you hear a repeated ‘bleep’ sound come from the appliance this indicates the appliance battery pack is low and should be changed. If this is ignored the system will go into a lock out mode, which will not allow the appliance to be used until a new set of batteries are loaded.

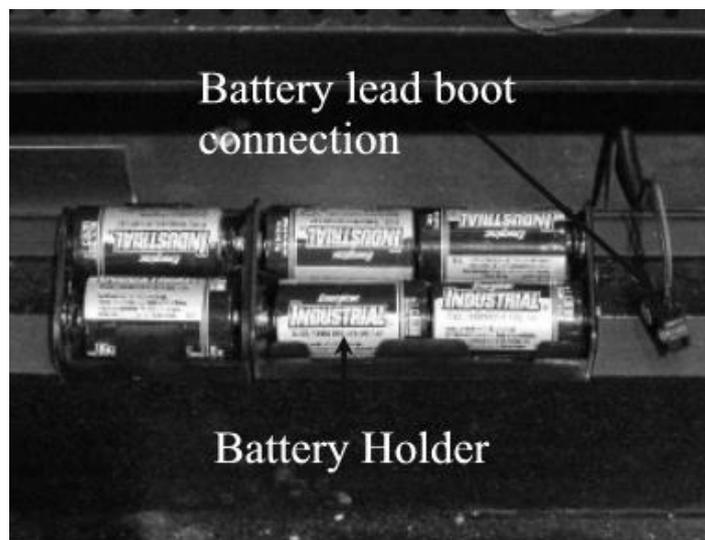
NOTE: The appliance cannot be used when the battery is completely discharged.

TO REPLACE APPLIANCE BATTERIES (6 High Power Alkaline C 1.5V)

- a. Remove the trim or inlet cover plate.
- b. Remove the battery holder from within the protective cover or battery holder and replace the six high power alkaline C batteries as a complete set.

WARNING, batteries will overheat if fitted incorrectly, when fitting the batteries ensure that they are fitted as per the marking on the rear of the holder (i.e. minus of battery against spring).

- e. Once the new batteries are loaded the fire will continue to bleep until re-set. Press the ON / OFF key for at least 2 seconds, on release a bleep sound will be heard and the ignition process will start. If the fire continues to bleep this may indicate a loose connection or badly loaded batteries.



Important Information !!!

- If the fire goes out for any reason, or it is turned off and is to be turned on again, it is necessary to wait three minutes before attempting to re-light.
- **The spillage monitoring system will operate if the flue does not work or becomes blocked.**
- **If the fire repeatedly goes out during use, this may be due to lack of ventilation or a blocked flue. Expert advice should be obtained.**
- **Do not use the fire with the glass safety screen removed, or if the glass is cracked.**

SECTION THREE Cleaning (Users Instructions)

Warning: -

Before you clean any part of the appliance ensures that the appliance is turned off and cold.

Cleaning: Black Painted Surfaces

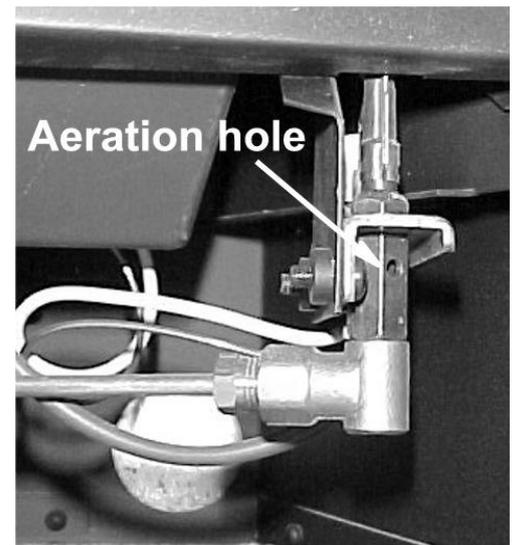
- These surfaces should be dusted regularly and any marks removed with a soft cloth.
- Abrasive or chemical cleaner should **never** be used.

Cleaning: Pilot Assembly

(Before cleaning ensure that the appliance is turned off and cold)

In some instances you may experience ignition problems even when the appliance is new. This may be due to the aeration hole in the pilot body (see photograph) being partial blocked with dust, pet hairs, or other foreign matter. The source of this debris could be such things as carpet fibres, decorating dust or pet hairs etc.

The pilot is located on the right hand side of the appliance, any debris in or around the aeration hole can usually be removed using the nozzle of a vacuum cleaner around the top of the pilot assembly, this usually draws it out of the aeration hole. It is advisable not to blow the debris into the hole or pilot assembly as this may cause more of a restriction and not rectify the problem.



Note: - Take care when cleaning in this area so as not to damage the pilot assembly.

Glass Cleaning

From time to time it will be necessary to clean the glass panel of your PV5W Gas Stove. We recommend you use a Ceramic hob cleaner these are available for all leading super markets: - i.e. ASDA, TESCO, SAINSBURY'S Etc.

Brands of hob cleaning we have tested and found suitable are - **HOB BRITE & VITRO CLEN.**

- Ensure the fire as been turned OFF for at least four hours to ensure it is cool.
- Pull on the door handle to disengage the door catch and fully open the door.
- Remove the 2 off M4 fixing nuts from the glass fixing bracket located at the top of the glass panel.
- Remove the top fixing bracket why supporting the glass panel.
- Lift the glass panel from within the bottom support bracket.
- Lay some old newspaper under the area you are working on when the door is open.
- Follow the instructions on the Hob Cleaner Bottle.

- On stubborn stains (where the appliance has been used for a long period without glass panel being cleaned), use a new Brillo Pad well wetted with the Hob cleaner applied directly to it.
- Ensure all the residues of the cleaner are removed with a damp cloth and the glass panel is completely dry before closing/rehanging the door and refastening the door to the stove.

Important: - The appliance must not be used if the glass panel is missing or damaged.

Note: - The glass may discolour quickly when first installed, and it should be cleaned. This is due to the burning off process of the refractory shapes.

SECTION FOUR Fuel Bed Cleaning and Layout (Users Instructions)

Warning: -

- Before you clean any part of the appliance ensures that the appliance is turned off and cold.
- Use only the fuel bed components provided and no additional parts must be added.
- Incorrect positioning of the fuel bed components could result in the staining of the glass panel.

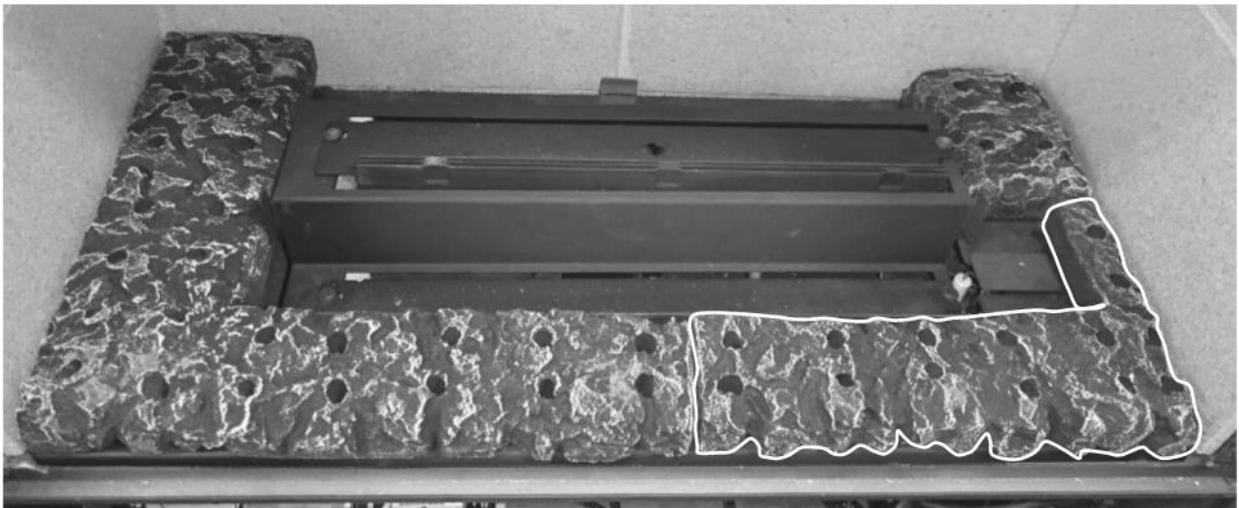
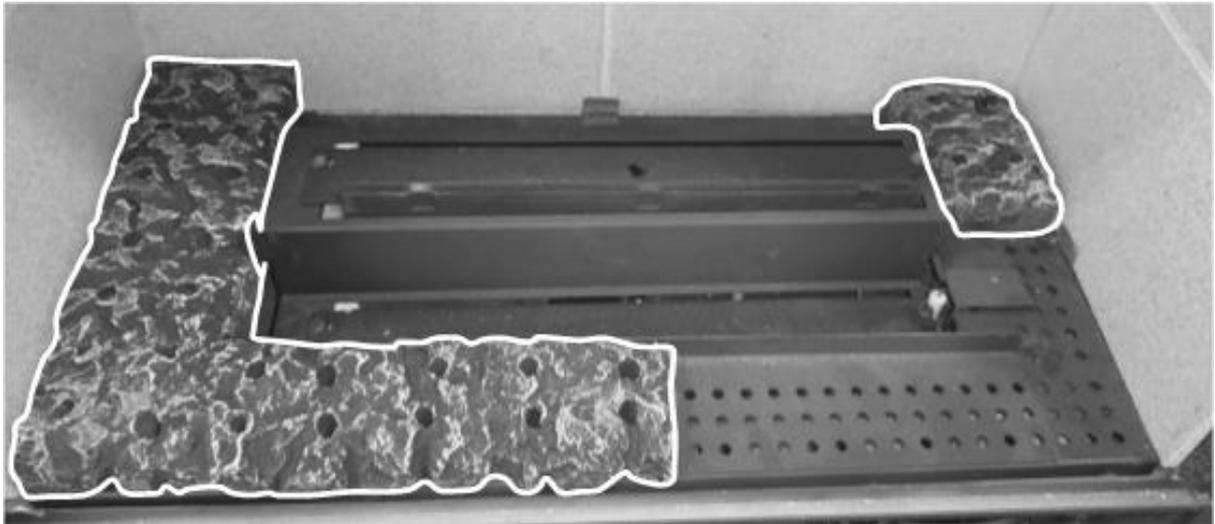
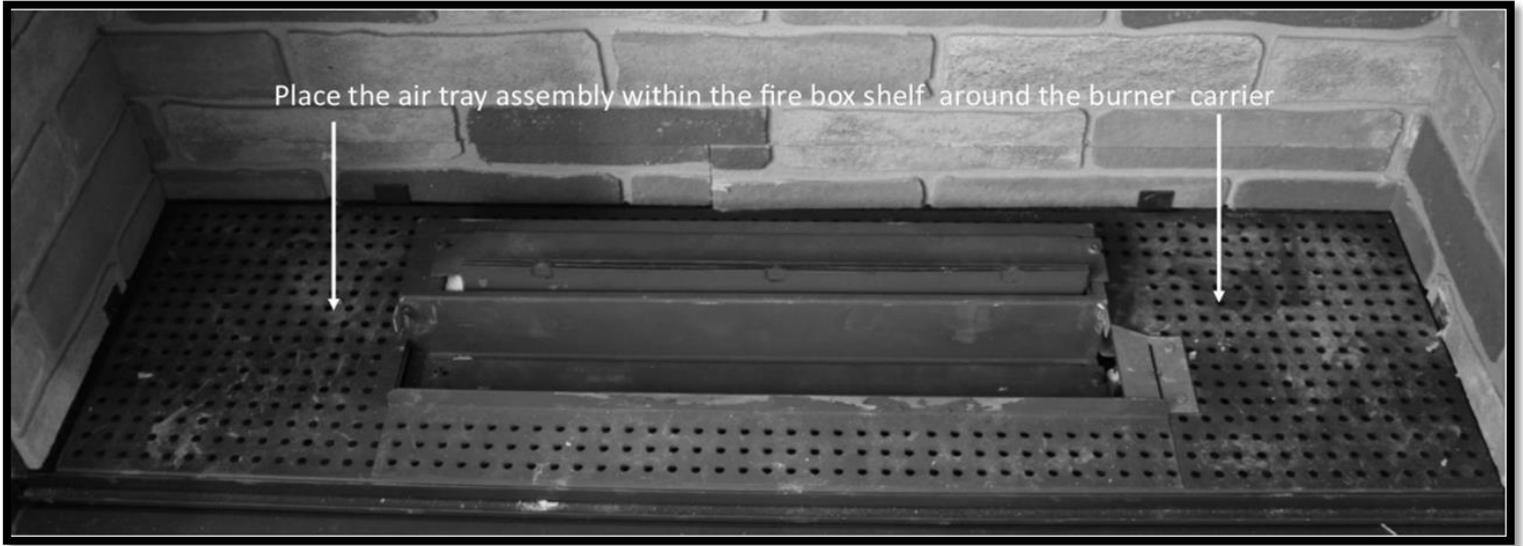
Important: - Refer to the 'Health & Safety Notice located on page 5 of this booklet before cleaning or replacing any refractory material.

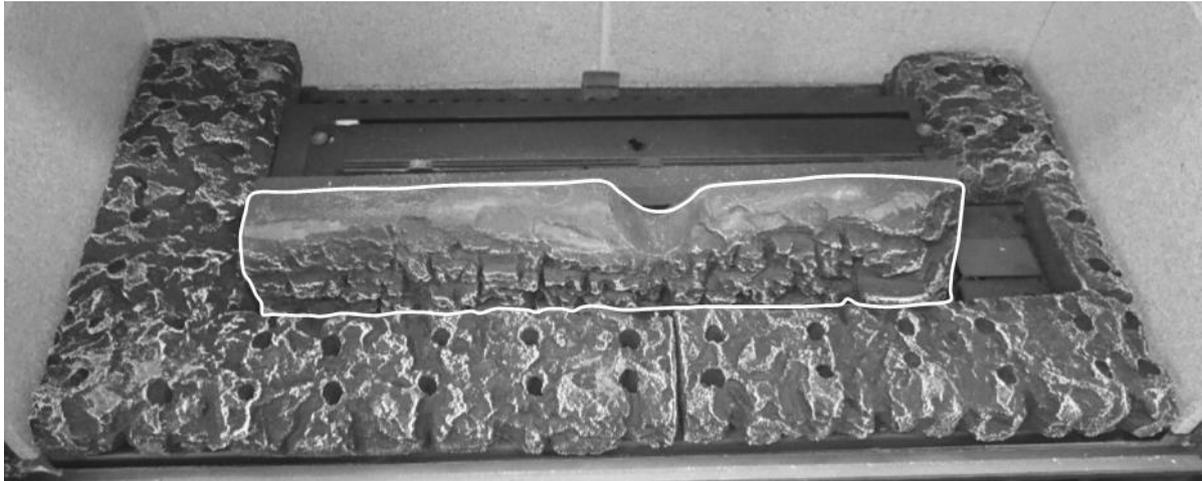
- The fuel bed components are delicate and they should be handled with great care.
- The loose Log shapes may be removed for cleaning. They can be brushed very gently with a soft brush to remove dust or any deposits.
- A vacuum cleaner may only be used after the loose Log shapes and vermiculite has been removed.

CARE SHOULD BE TAKEN TO AVOID DAMAGE TO THE LOG SHAPES AS THESE ARE A DELICATE SURFACE AND SHOULD NOT BE WIPED OR RUBBED.

It is important that all the Log Fuel Bed shapes are positioned as shown in these instructions.

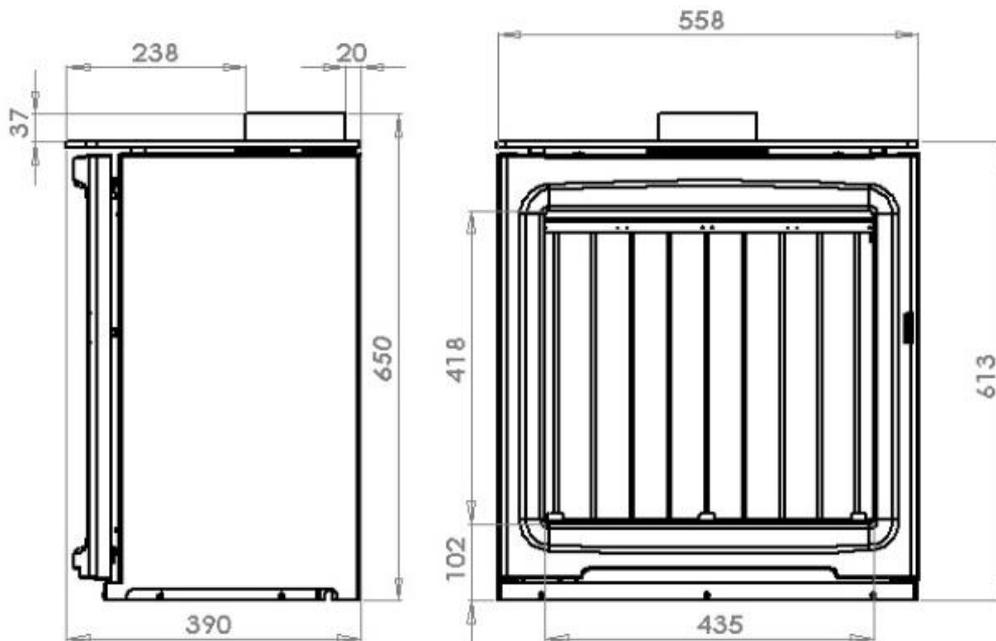
Log Fuel Bed Layout









Appliance Dimensions :-**PV5W GAS STOVE DIMENTIONS****Data Badge located on the base of the Fire box.**

NOTE: The efficiency of this appliance has been measured as specified in BS EN 613:2001 and the result is 67.0%. The gross calorific value of the fuel has been used for this efficiency calculation. GasTec have certified the test data from which it has been calculated. The efficiency value may be used in the UK Government's Standard Assessment Procedure (SAP) for energy rating of dwellings.

When unpacking the appliance please check the following items are included:

- Fuel Bed
- Owners Manual
- Handset
- Fixing Kit

SECTION SEVEN Regulations and Warnings (Installation Instructions)

- This appliance must only be installed in Great Britain or Ireland.
- The appliance is suitable for use on natural gas and propane
- **GB (Great Britain)** This fire does not normally require purpose built ventilation.
- **IE (Ireland)** Permanent ventilation must comply with the current edition of IS813.
- **In GB, (Great Britain)**

It is the law that all gas appliances must be installed by a competent person; i.e. a GAS SAFE registered installer, in accordance with the Current Gas Safety (Installation And Use) Regulations (as amended), all relevant parts of the local and national building regulations and all relevant recommendations of the following British Standards. Failure to do so could lead to prosecution.

The following are relevant codes of practice and British Standards: -

B.S. 5871

B.S. 5440 PART 1 & PART 2

B.S. 6891

This appliance must be installed to current versions of the above standards and include any relevant amendments to:-

The Building Regulations Issued By The Department Of The Environment.

The Building Standards (Scotland) (Consolidated) Regulations Issued By The Scottish Development Office.

- **IN IE, (Ireland)**

The appliance must be installed by a competent person and installed in accordance with the current edition of I.S.813 Domestic Gas Installation, the current building regulations, and the current ETCl rules for electrical installation, if appropriate.

- Prior to the installation ensure that the local distribution conditions (identification of type of gas and pressure) and adjustment of the appliance are compatible. Natural gas (G20 @ 20mbr)

WARNINGS

- The glass front of the fire act as a dress guard, conforming to BS 1945 (1971) and satisfies the heating appliance regulations (1991) However, a guard conforming to BS6539 (1984) must be used to protect young children, the elderly or infirm.
- **This appliance incorporates a safety device in the form of an Oxygen depletion system. IT MUST NOT BE ADJUSTED OR PUT OUT OF OPERATION! THIS IS A NON-SERVICABLE ITEM AND MUST BE EXCHANGED AS A COMPLETE ASSEMBLY; USING ONLY THE ORIGINAL MANUFACTURER'S PART.**
- A non-combustible hearth must be provided to comply with the building regulations, or a suitable proprietary fire surround with a 150°C minimum rating.
- During initial firing, an odour may be evident. This is the starch binder used during the manufacture of the fibre components of the fire, and there are **no harmful** effects produced.
- Care must be taken to prevent any damage being caused to surrounding soft furnishing or decoration; e.g. many embossed vinyl wall coverings may become discoloured if placed too close to the appliance.

Note: Dampers or register plates must not restrict any of the above flues. The flue must only service a single appliance and not have any branches or traps, which may impede the natural draught. If a terminal is fitted it must be suitable for the purpose.

Note: A non combustible hearth must be provided beneath the appliance and must extend outwards all around the appliance base. The hearth must be level and have a minimum thickness of 12mm and must have a clearly defined edge (change of level) to discourage placing of any combustible materials on or partially over it.

SECTION EIGHT Siting the Appliance (Installation Instructions)

Class 1 Conventional Flue.

The chimney must have a minimum effective height of at least 3 metres. Any permanent flue restriction or variable dampers are to be removed or locked fully open. The chimney should be swept prior to installation if it has previously been used with solid fuel. This is not necessary if the flue has previously been used with a gas appliance or if it is a new installation.



Precast Flue (Please note the Spigot restrictor plate must be removed)

The appliance can be installed to a precast concrete or clay flue block system conforming to BS1289 or BS EN 1806. The appliance is suitable for installation conforming to older versions of BS1289. The cross-sectional area must not be less than 13,000mm². The chimney vertical height must not be less than 3m and be correctly terminated.

Hearth Requirements

This fire must stand on a non-combustible hearth that is at least 12mm thick and project 50mm minimum from the base of the fire in all directions.

Fireplace Opening (When using the rear vent closure plate).

The builders opening must be fully sealed using with the closure plate. The width of the opening must be between minimum of 280mm to a maximum of 475 mm. The height of the opening must be between a minimum of 550mm to a maximum of 560mm.

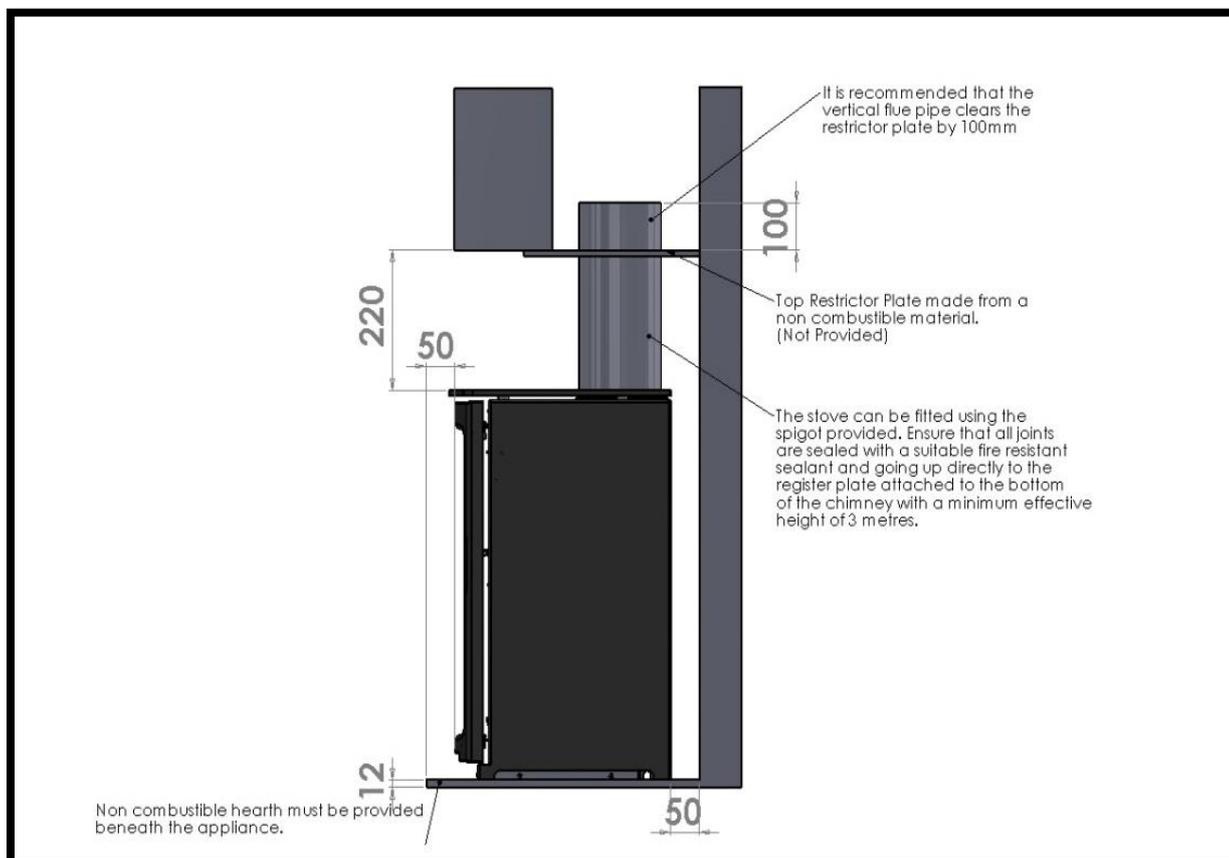
Clearances required when installing into a Inglenook opening

Top Exit : Using Register Plate (Not Provided)

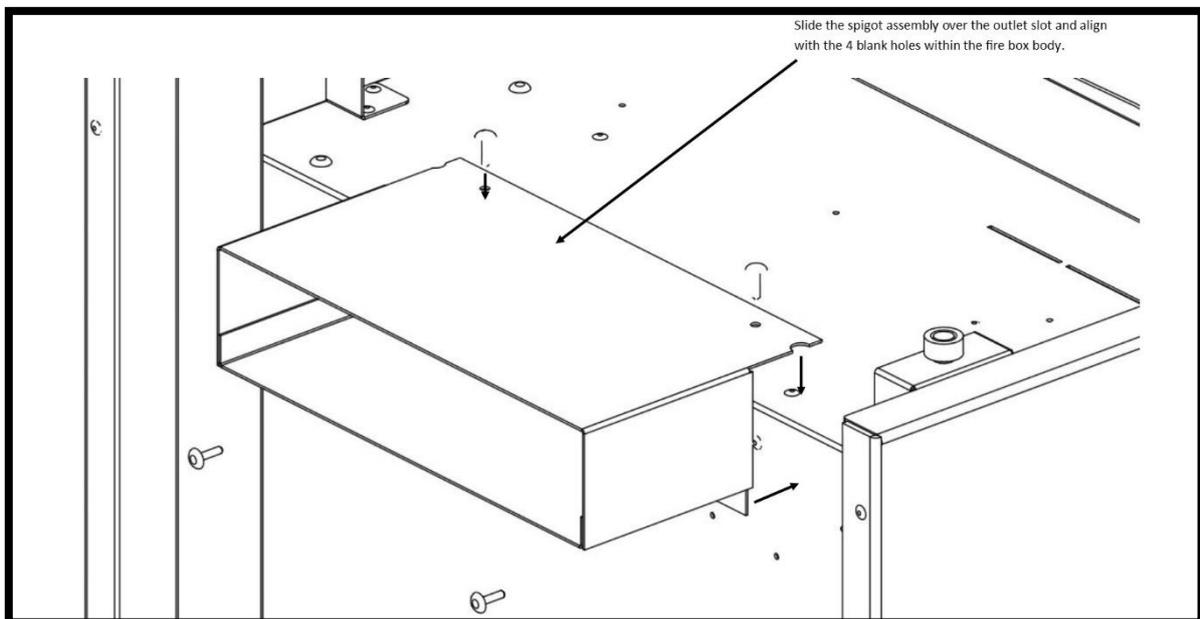
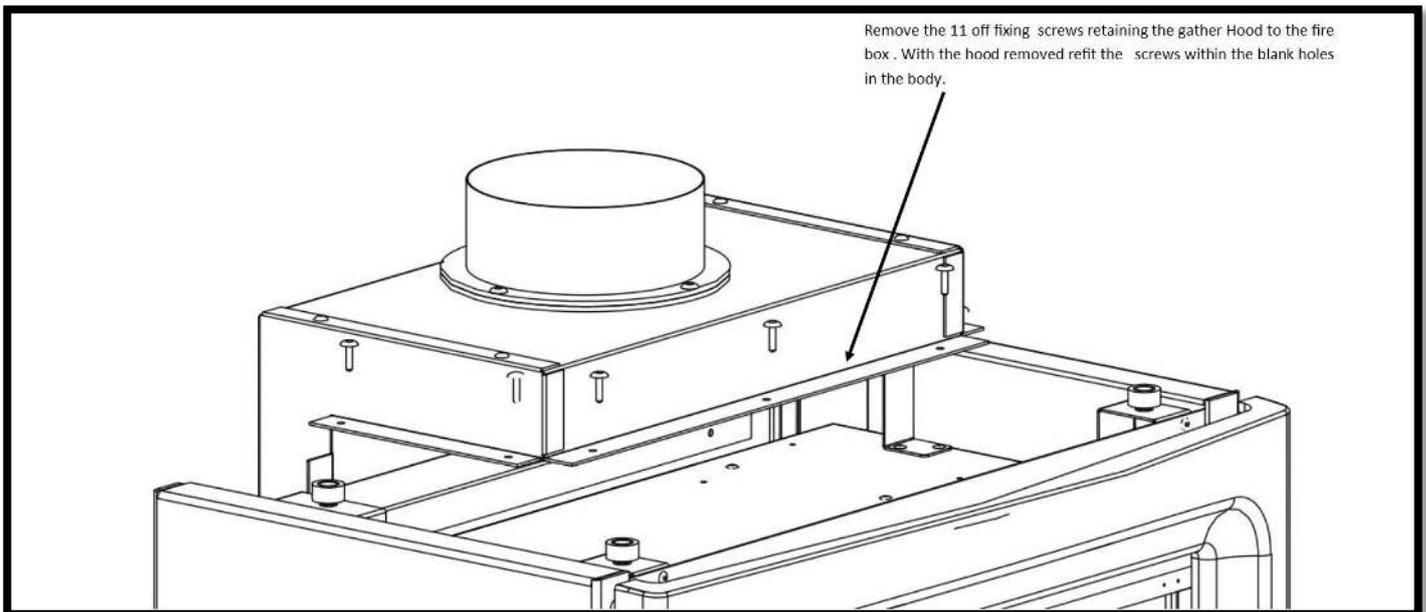
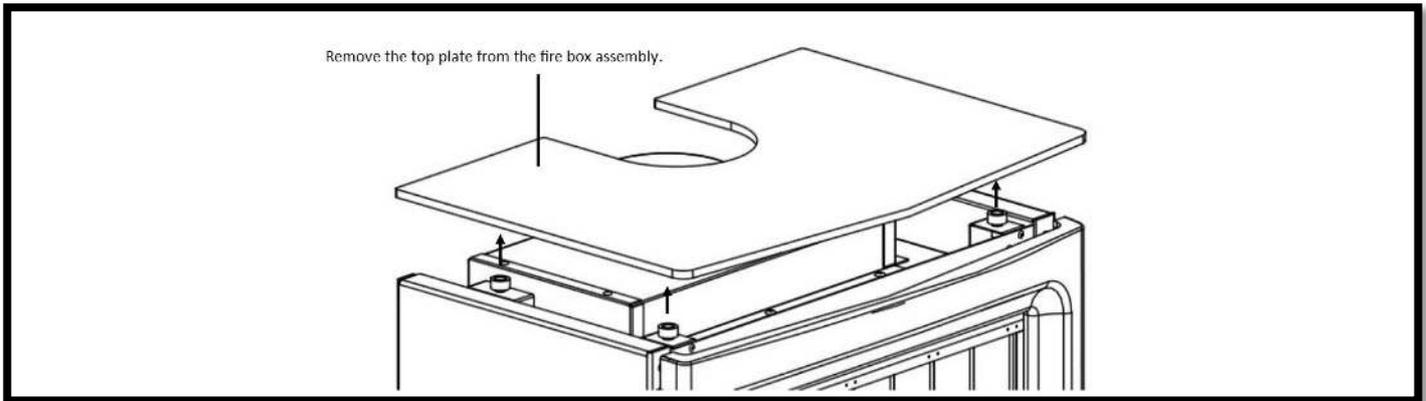
The appliance has provided with the gather outlet allowing for vertical flue installation.

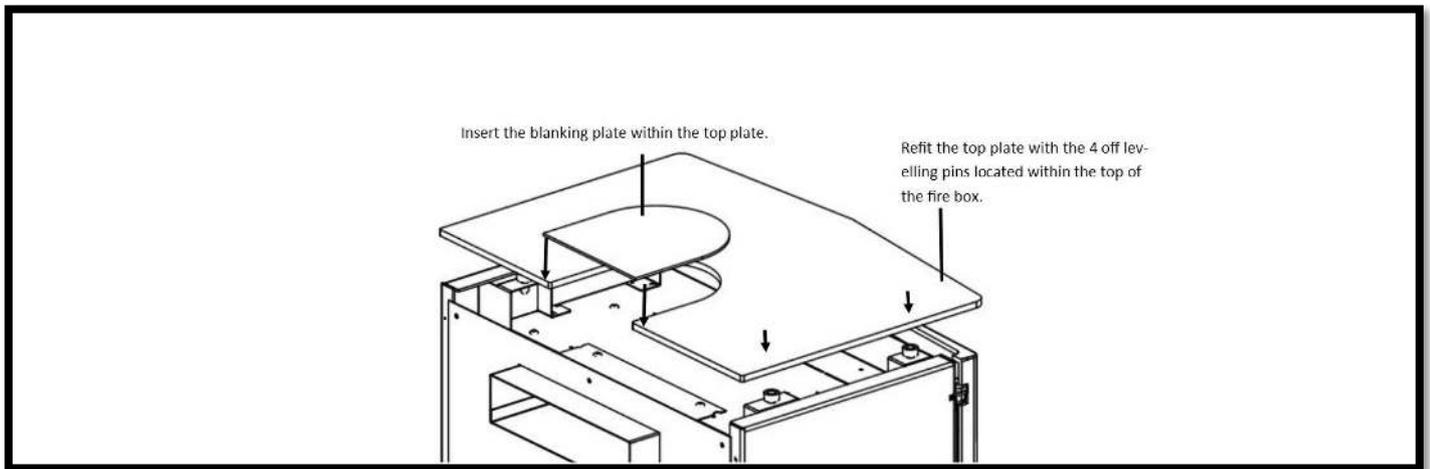
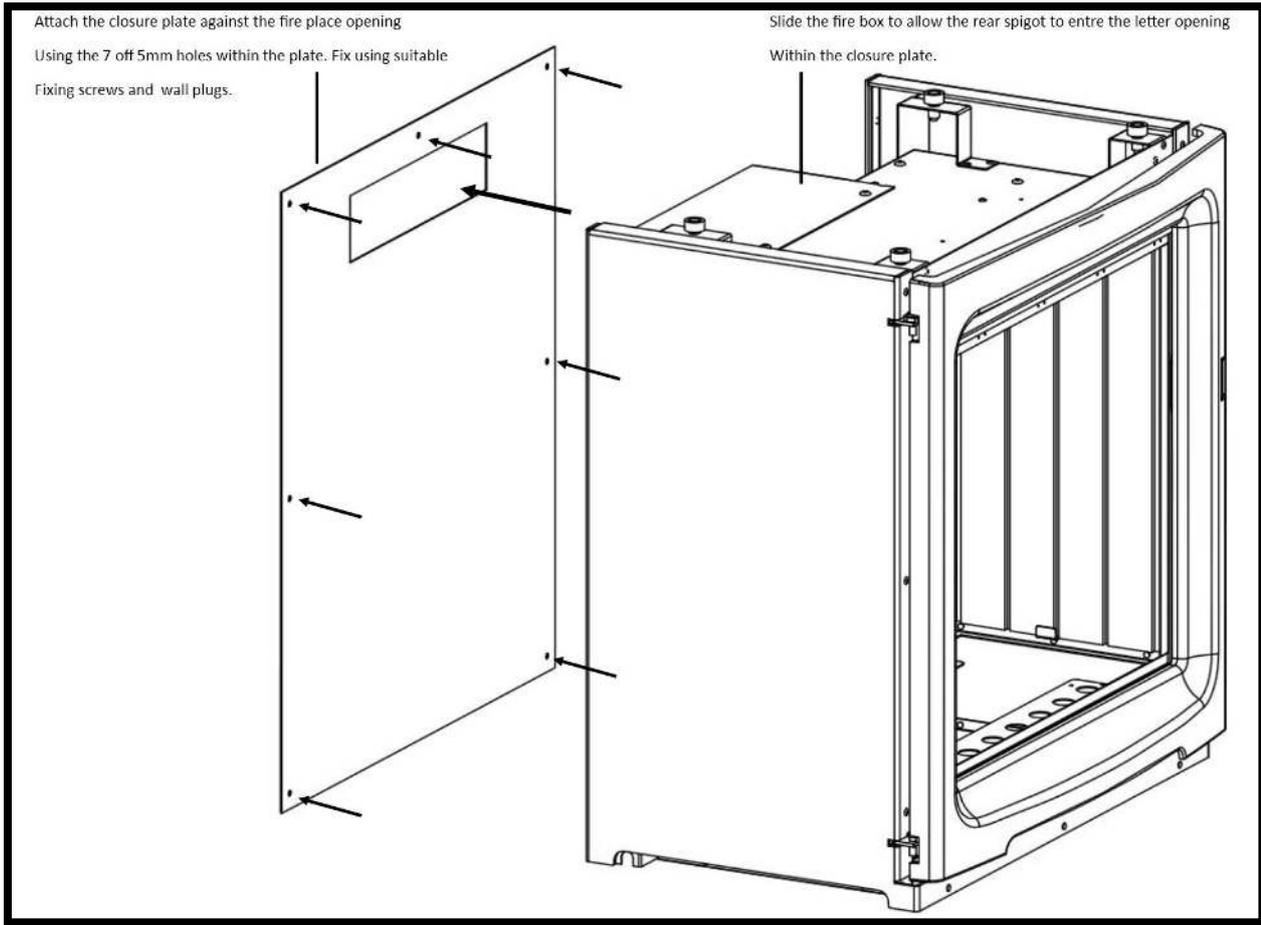
Flue pipe used for this type of installation must be 125mm (5ins) minimum diameter and 3 metres minimum effective height.

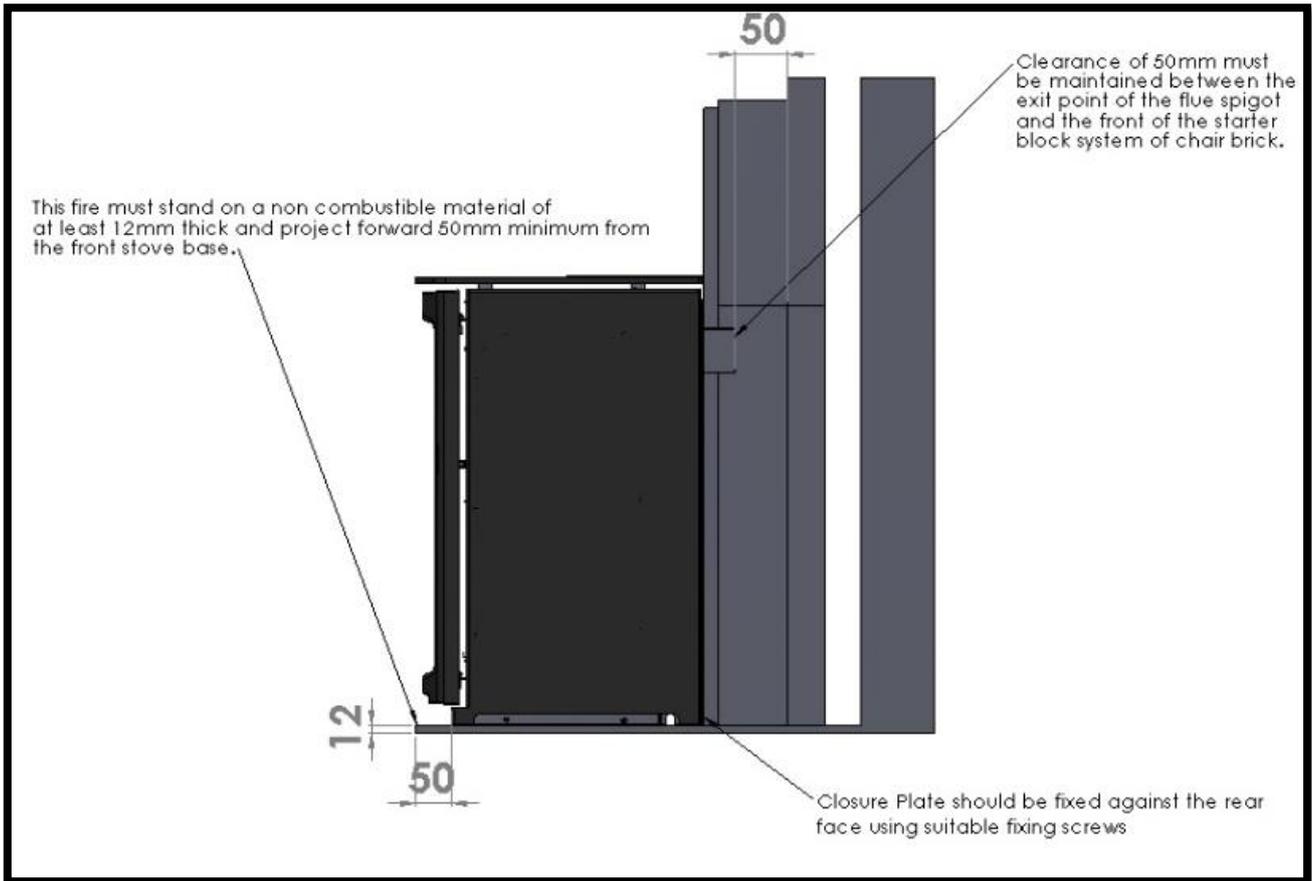
Rear Exit : Using optional PV5W Gas Stove rear vent Kit (Part Number A-0644)



To achieve the rear exit option, the appliance gather hood will need to be removed. The outlet spigot from with the rear vent kit will need to be attached to the firebox assembly and engaged within the closure plate.







Note:- When installing the appliance using the above method. The appliance must sit hard against the closure plate. This will allow 50mm of the rear spigot assembly to protrude into the catchment area.

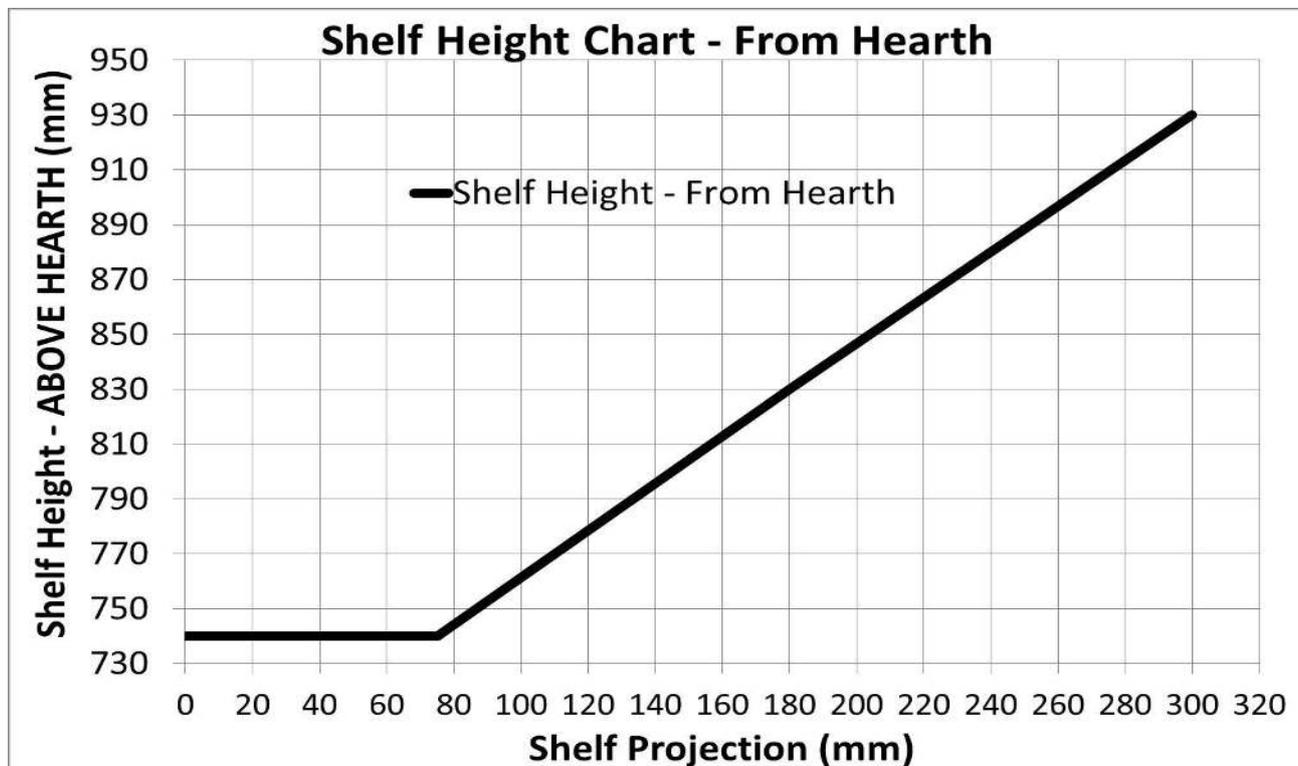
Distances from combustible materials:

It is strongly recommended that any furniture or other combustible materials are kept at least 900mm clear from the front of the stove.

Due to the fact that combustible shelves, timber fireplaces and beams have potentially thousands of possible configurations in conjunction with stoves outset or inserted partially or fully into chambers, it is not possible to give firm guidance on dimensions to these features. As a guideline, materials that are in 'line of sight' to the stove are more likely to overheat due to direct radiation from the stove body than materials that are not in 'line of sight' (e.g. with stove fully inside a chamber). Materials above the stove are more likely to overheat than materials alongside or below. A guideline limiting temperature for solid timber (not surface finishes) is approximately 80-85 degrees C with a normal ambient room temperature. Temperatures of combustible materials can be substantially lowered with a simple heat shield constructed of a non-combustible material and small air gap between the shield and combustible material.

Clearance to Shelf

Minimum clearance from hearth to underside of combustible shelf should be 740mm provided the shelf depth is 75mm (3"). This gives a minimum clearance above the appliance of 150mm. For a shelf of 150mm (6") the minimum height above the hearth must be 800mm. This will give a minimum clearance above the appliance of 220mm. For other depth refer to the shelf chart.



Clearance to Sides of Fire

Minimum width between vertical sides of combustible surround and the sides of the stove should not be less than 330mm provided fire is central to the surround and sides do not project more than 50mm. When vertical side forward projection is increased by 12.5 mm add 50 mm to inside width of surround.

Distances from Non-combustible materials:

- The stove can be recessed in a suitable sized non-combustible fireplace but a permanent free air gap of at least 50mm must be left around the sides and top and at least 50mm at the rear of the box. (Please note that the 50mm clearance is not required when using the rear vent kit).

SECTION NINE To Install the Appliance (Installation Instructions)

CHECKING THE FLUE AND FIRE OPENING

- Check that the chimney conforms to the required specifications as previously stated. Examine the condition and carry out any remedial work including removing any debris from the base.
- If the flue has been used for solid fuel it should be swept prior to the installation
- Prior to installing the appliance a smoke test (using a smoke bomb) should be carried out to check that satisfactory smoke clearance has been established.

If all the smoke is not drawn into the flue, pre-heat the flue with a blowtorch or similar and re-check. If there is any uncertainty examine for the cause and, if necessary, seek expert advice.

No combustible material should be fitted inside the fireplace opening.

GAS SUPPLY ROUTING :-

Use rigid or semi – rigid tube to connect the supply. Determine the gas supply pipe route to the appliance before installing the Stove.

Check the gas run to assess that the gas supply is capable of providing the required amount of gas and is in accordance with the rules in force.

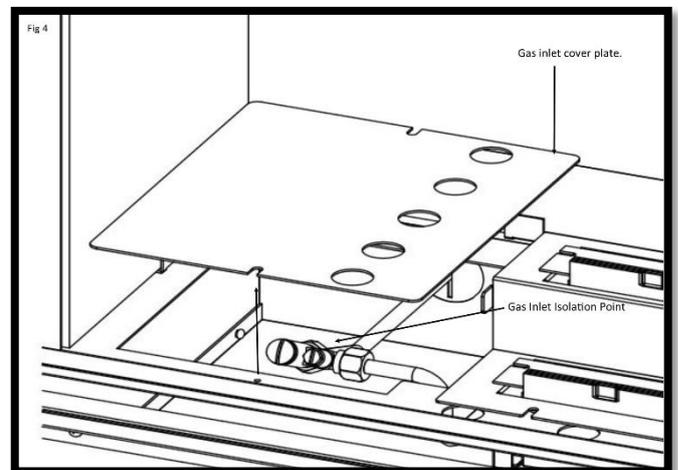
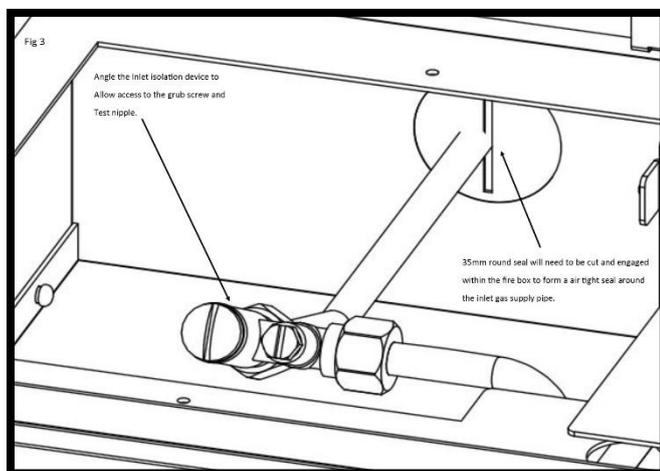
Soft copper pipe can be used to install the appliance. Soldered joints can be used only externally of the appliance.

The appliance is supplied with a factory fitted isolation device to allow for an 8mm copper connection. No further isolation point is required.

The new gas line must be purged of any debris, prior to final connection to the appliance.

Gas inlet isolation device is located on bottom left hand side of the fire box, the gas supply entry point is positioned at the rear bottom on left hand side. With the appliance fixing kit is a 35mm round seal (Please see fig 3), this should be cut and fitted over the 8mm copper at the point the gas supply entry into the appliance assembly. The gas inlet cover will need to be removed to gain access to the connection. (Please see fig 4).

The gas inlet isolation device must be angled to allow access to the grub screw and gas test nipple. (Please see fig 3).



CHECKING GAS SOUNDNESS

Checking gas soundness and running pressure.

Turn on the supply to the appliance and check for soundness in accordance with the current codes of practice.

Turn off the gas supply at the external isolation valve.

Remove the pressure test point screw from the inlet elbow and connect the pressure gauge.

Turn on the gas to the appliance at the isolation valve.

Light the appliance as described in the user instruction section 2. Operating the appliance.

Check the inlet pressure is 20 mbar +/- 1.0 mbar with other appliances running.

Turn off gas supply, at the isolation valve. Disconnect the pressure gauge and replace the pressure test point screw.

Turn on the appliance and check the pressure test point for soundness with detection fluid.

Refit the gas cover as shown on Page 25.

SECTION TEN Checking Operation of Fire (Installation Instructions)

Removing the Glass Panel

Remove Glass Panel.

Due to transit protection, the glass panel is packed fitted to the appliance. Special care should be taken when removing the glass panel from the appliance. The top fixing is attached to the fire box via 2 off M4 fixing nuts. Remove the nuts and remove the top fixing bracket to be able to remove the glass from the front of the appliance.

LAY FUEL BED

Important: -

Refer to the 'Heath & Safety Notice located on page 5 of this booklet before laying or replacing any refractory material.

In the event of replacing fuel bed components please use only the specified number of components as illustrated. Only use fuel bed component provided for this appliance. In the interest of safety and efficiency of your appliance when replacing the fuel bed it is essential that the existing fuel bed be removed and the new components are replaced correctly as a complete set.

Lay Log fuel bed as described under Users Section.

Warning:

It is important that the fuel bed components are positioned as shown in these instructions.

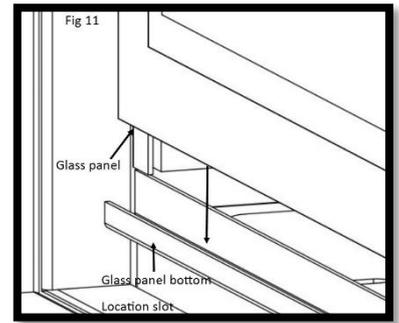
If the fuel bed components are not positioned correctly this may result in damage to the glass.

Once fuel bed is fitted refit the glass

Locate the glass panel within the bottom retaining slot and push back against the seals. (Please see Fig 11).

Position the top fixing bracket over the top edge of the glass panel and slide over the four M4 studs.

Using the four M4 nuts previously removed. Tighten the top glass fixing using the nut runner provided with the appliance.



CHECKING FOR COMBUSTION PRODUCTS CLEARANCE

Spillage Test Procedure.

(Please note this test should be taken with the decorative door fully open)

Light the appliance on maximum setting.

Close all the doors and windows.

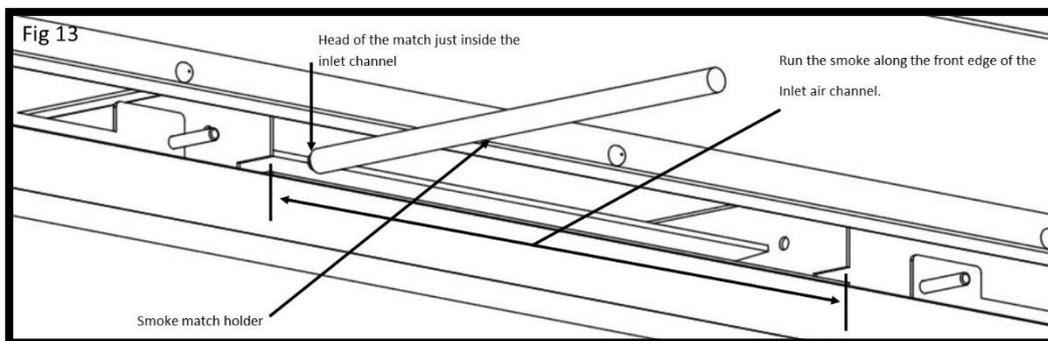
After five minutes fit the smoke match within match holder and position as illustrated in Figure 13 with the head of the match just inside the inlet air channel.

Run the match along the edge of the inlet air channel. All smoke must be drawn into the inlet channel if the spillage test is satisfactory.

If spillage occurs wait a further five minutes and repeat the test.

Repeat the test with doors open and with any extractor fans in other rooms in operation.

If spillage is detected the cause must be discovered and the fault corrected. If the fault cannot be corrected. Disconnect the fire from the gas supply and seek expert advice. Spillage can be caused by a restriction in the flue system, down draught or insufficient ventilation into the room where the fire is installed.



ADVISE CUSTOMER THAT:

- The glass front of this fire acts as a dress guard, conforming to BS 1945 (1997) and satisfies the heating appliance regulations (1991) however; a fireguard conforming to BS6539 (1997) must be used to protect young children, the elderly, or infirm.
- The curing effect of heating the coals and other refractory components will cause an initial odour. This is due to the starch used in the manufacturing process and is non-toxic.
- Any debris should be cleaned from the appliance. A vacuum cleaner can be used but only after all the loose log shapes and vermiculite has been removed.
- The appliance should be serviced annually by a competent person in accordance with these instructions and the appliance checked for spillage in accordance with the method detailed in these instructions.
- Demonstrate the lighting and extinguishing procedures to the user. Refer to the user section of this booklet.
- If ventilation is fitted for any reason it must be checked regularly to ensure freedom from obstructions.

Hand these instructions over to the user.

SECTION ELEVEN Maintenance (Maintenance Instructions)

GENERAL

- Servicing should be carried out annually by a competent person such as a Gas Safe-registered person in accordance with the relevant regulations, to ensure the safe and correct operation of the appliance.
- Before commencing any service or replacement of parts, turn off the gas supply to the fire. After servicing check for gas soundness.
- When ordering spare parts please quote appliance name and serial number, these can be found on the data badge, which is located on the left hand side of the appliance behind the trim or fascia.
- At least once a years check for debris in the catchment area behind the fire and in the flue way.
- If soot has accumulated checks to establish cause rectify and clean flue or chimney accordingly.

PILOT LINTING

Check pilot aeration holes for linting; use a vacuum cleaner nozzle taking care not to damage the pilot head. The aeration hole in the pilot body may be partially blocked with dust, pet hairs, or other foreign matter. The source of this debris could be such things as carpet fibres, decorating dust or pet hairs etc. To gain access to the pilot remove the Gas Control Knob by loosening the two retaining screws, remove the Allen Screw on the Door handle catch on left hand side, and open the door. The Log Fuel Bed will need to be removed for access around the pilot.

The pilot is located on the Right hand side of the appliance, any debris in or around the aeration hole can usually be removed using the nozzle of a vacuum cleaner around the top of the pilot assembly, this usually draws it out of the aeration hole. It is advisable not to blow the debris into the hole or pilot assembly as this may cause more of a restriction and not rectify the problem.

To Remove The Burner Carrier Assembly

Remove the glass panel as described on page 10 of the users instruction section.

Remove the Loose shapes and the air tray assembly.

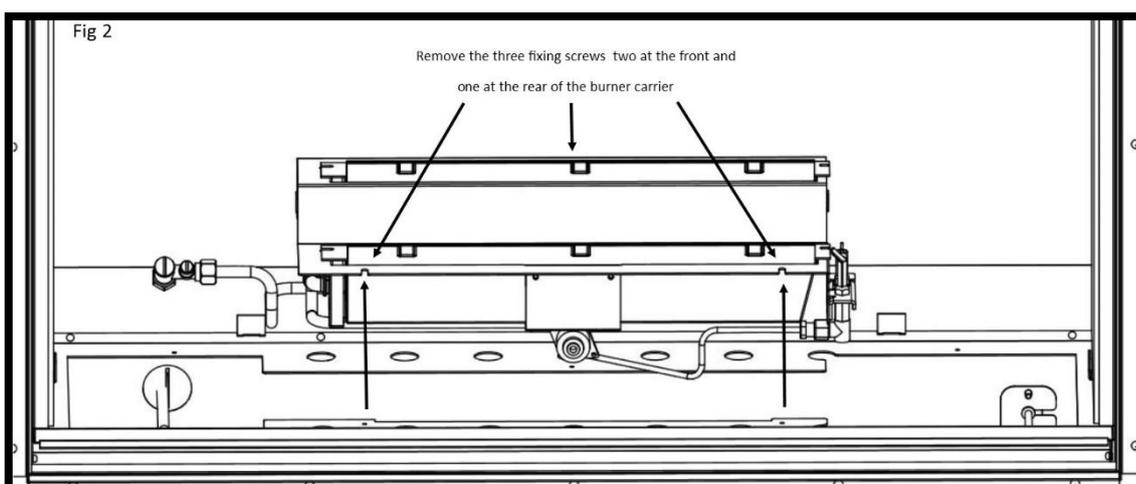
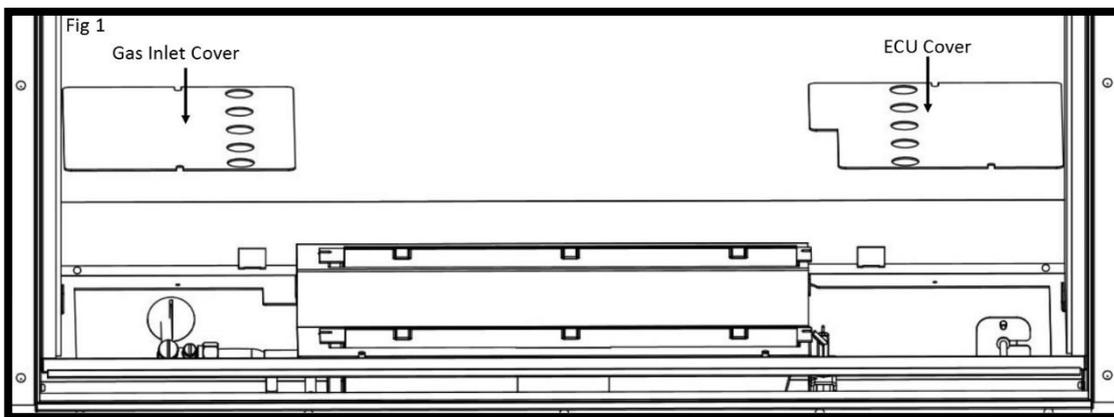
Remove the four screws retaining the gas inlet plate and the ECU cover.

Shut off the restrictor elbow and disconnect the 8mm inlet nut.

Disconnect the battery pack.

Undo the one M3 nut retaining the ECU unit.

Take out the three screw retaining the burner tray assembly and lift out of the fire box shelf taking care not to damage the panels. (Please see Fig 2)



Replacement Of The Gas Valve

Follow the sequence to remove the burner carrier assembly.

Disconnect the thermocouple from the rear of the gas valve.

Undo the three compression nuts securing the pipes to the gas valve and remove the two M4 nuts fixing the valve to the valve mounting brackets.

Clean, service or replace the gas valve.

Re-assemble in the reverse order.

Turn on the gas supply, check for soundness and re-commission the appliance.

Replacement Of The Injectors

Follow the sequence to remove the burner carrier assembly.

Undo the compression nut on the supply pipe.

Remove the two screws retaining the burner assembly to the carrier and lift away from the injector.

Unscrew the locking nut holding the injector and silencer bracket on the burner carrier.

Remove injectors from assembly. Clean or replace injector.

Re-assemble in reverse order.

Replacement of the Oxy-Pilot Assembly

Note: If the pilot assembly is replaced it must be replaced by an identical unit from the same manufacturer and replaced as a complete unit.

Follow the sequence to remove the burner carrier assembly.

Undo the compression nut on the supply pipe at the pilot.

Carefully pull off the ignition lead.

Disconnect the thermocouple at the end of the gas valve.

Remove the two fixing screws attaching the assembly to burner carrier.

Re-assemble in the reverse order.

Replacement of the burner Assembly

Remove the glass panel as described on page 10 of the users instruction section.

Remove the Loose shapes and the air tray assembly.

Undo the three fixing screws retaining the burner assembly with the carrier.

Lift the burner clear of the silencer and injector tip.

Clean or replace the burner assembly.

Re-assemble in reverse order.

Replacement of the Electronic Control Unit (ECU)

Remove the glass panel as described on page 10 of the users instruction section.

Remove the Loose shapes and the air tray assembly.

Disconnect the battery pack from the power lead.

Undo the one M3 nuts retaining the ECU unit and remove the connection bracket.

Unplug the connection from the ECU board.

Re-assemble in reverse order.

Register your appliance online today to active your warranty



GAS FIRE COMMISSIONING CHECKLIST

This Commissioning Checklist is to be completed in full by the competent person who commissioned the gas fire as a means of demonstrating compliance with the appropriate Building Regulations and then handed to the customer to keep for future reference.

Failure to install and commission according to the manufacturer's instructions and complete this Benchmark Commissioning Checklist will invalidate the warranty. This does not affect the customer's statutory rights.

Site Requirements	Yes	N/A
Was the chimney checked to ensure it only serves one flue/fire, has no obstructions and is continuous?		
Has any debris at the base of the chimney been removed?		
For brick chimney installations is there enough depth for 12 litres of debris, or precast flues 2 litres of debris? (see instructions for debris gap details)		
Have damper and register plates been removed or locked in the fully open position ensuring correct size of flue is maintained?		
If previously used for solid fuel has the chimney been thoroughly swept?		
If the chimney is pre-cast has the inside of the flue been checked for extruded cement / sealant which must be removed?		
Has the fire place been checked for under-floor air supply which must be sealed off?		
Has the chimney been inspected prior to fitting the gas fire to ensure that it is in good condition?		
Has the structure of the chimney been checked for leakage using a smoke pellet test? (See BS5440-1 for details).		
Ventilation		
Does the installation require any additional ventilation requirements as detailed in the manufacturer's instructions?		
Hearth Requirements- where fitted		
Is the hearth constructed from non -combustible material?		
Is the hearth a minimum of 12mm thick with a minimum floor to top surface of 50mm?(BS5871) or as per manufacturer's instructions?		
Is the hearth for open fronted fires a minimum of 760mm wide and has 300mm projecting from the fire opening (BS6871) or to manufacturer's instructions?		
Mounting height (where applicable) has the fire been installed to the correct mounting height- as per manufacturer's instructions?		
Firebox and Fuel Bed		
Has the fuel bed, coals, pebbles etc. been fitted to manufacturer's instructions?		
Gas Supply		
Has an isolation tap/restrictor inlet elbow been fitted for servicing?		
Has the gas supply been thoroughly purged prior to connection to remove any debris?		
Has a gas tightness test been completed prior to breaking into the gas supply and following completion of installation?(IGEM/UP/1B)		
Record burner gas pressure reading? If only the supply pressure is available a gas rate must be undertaken.(GSIUR REG26/9C)		
Record dynamic inlet gas pressure (working pressure) reading (all gas appliances running)		
Spillage test		
Installation passes smoke match test with any extractor fans turned on (see manufacturer's instructions)		
Installation		
Has the gas fire been installed and commissioned in accordance with manufacturer's instructions?		
Has the fire been installed with the correct clearance to combustible materials, as per manufacturer's instructions?		
The operation of the appliance and controls have been demonstrated to the customer including battery replacement where applicable?		
The manufacturer's literature, including Benchmark Checklist and Service record has been explained and left with the customer?		
Has the appliance been registered with the Local Authority as detailed on the Gas Safe web site and is a legal requirement and forms part of the warranty?		
Customer's Signature: (To confirm satisfactory demonstration and receipt of manufacturer's literature)	Commissioning Engineer's Signature:	

*All installations in England and Wales must be notified to be Local Authority Building Control (LABC) either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer.

SERVICE RECORD

It is essential that your gas fire is serviced regularly and that the appropriate Service Interval Record is completed. Service Provider

Before completing the appropriate Service Record below, please ensure you have carried out the service as described in the manufacturer's instructions. Always use the manufacturer's specified spare part when replacing controls.

SERVICE 01	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

SERVICE 02	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

SERVICE 03	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

SERVICE 04	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

SERVICE 05	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

PV5W Gas Stove

Product ID Label	A-0634	Serial No	QZ
		Prefix	
Burner Tray / Box Assembly			
Restrictor Elbow (2189)			
Log Fuel Bed (7176)			
Glass Panel			
Closure Plate			
Data Badge			
Warning Label			
ID Label & Packing Labels			
Owners Book			
Bottle Of Black Paint			
Handle			
Semi Circle Restrictor Plate			
Spigot Gasket			
Flue Spigot			
Grommet (solid) 35mm (1092)			
Serial Number			
Inspector			