

WARNING

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Little Wenlock Gas Power Flue (GS1iPF)

Little Wenlock Gas Power Flue Traditional - (GS1iPF -Traditional)

For use in GB and IE

Consumer Protection

As manufacturers and suppliers of cooking and heating products. We take every care to ensure, as far as is reasonably practical, 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 Aga-Rayburn could invalidate the approval of the appliance, operation of the warranty and could affect your statutory rights.

Important

This appliance may contain some of the materials that are indicated. It is the Users/Installers responsibility to ensure that the necessary personal protective clothing is worn when handling where

applicable, the pertinent parts that contain any of the listed materials that could be interpreted as being injurious to health and safety, see below for information.

Firebricks, Fuel beds, Artificial Fuels - when handling use disposable gloves.

Fire cement - when handling use disposable gloves.

Glues and Sealants - exercise caution - if these are still in liquid form use face mask and disposable gloves.

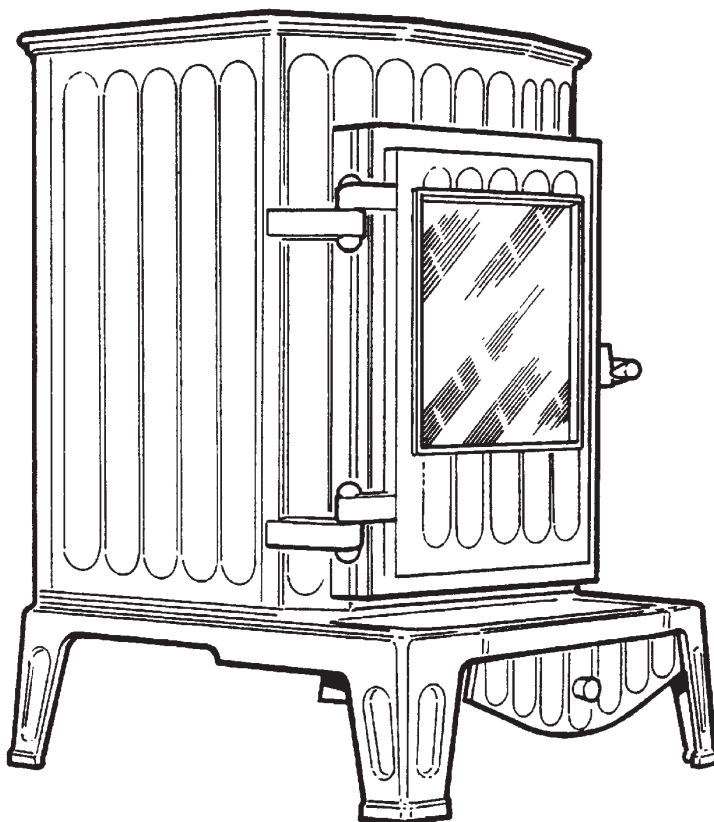
Glass Yarn, Mineral Wool, Insulation Pads, Ceramic Fibre, Kerosene/Gas Oil - may be harmful if inhaled. May be irritating to skin, eyes, nose and throat. When handling avoid contact with skin or eyes. Use disposable gloves, face-masks and eye protection. After handling wash hands and other exposed parts. When disposing of the product, reduce dust with water spray, ensure that parts are securely wrapped.

Natural Gas

Cat I_{2H} (G20) at a supply pressure of 20mbar

Propane Gas

Cat I_{3P} (G31) at a supply pressure of 37mbar

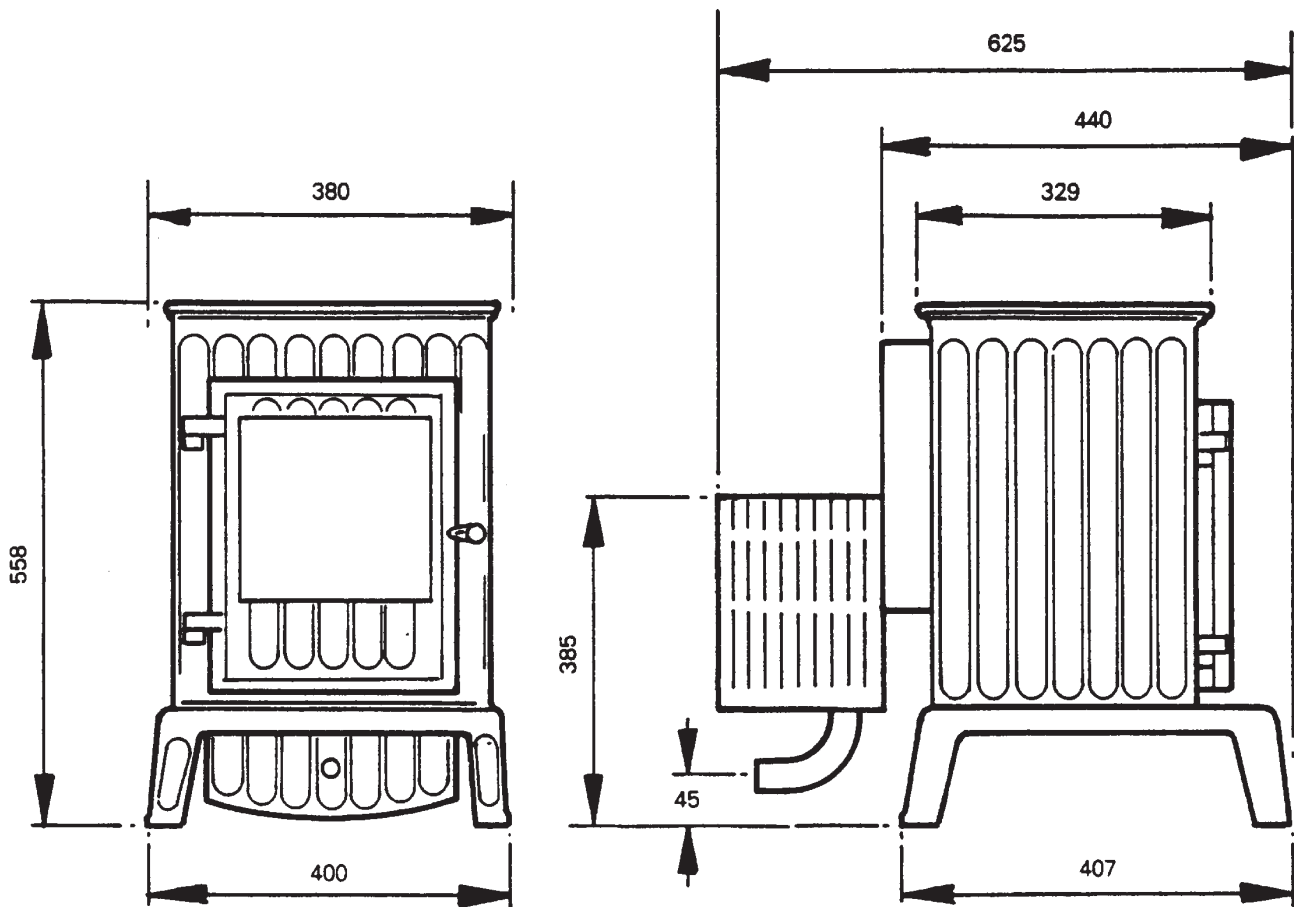


STANDARD DOOR OPTION ILLUSTRATED

DESN 511292



THIS APPLIANCE MUST BE INSTALLED IN ACCORDANCE WITH THE RULES IN FORCE



DESN 511293

SPECIFICATIONS

COALBROOKDALE GS1iPF	NAT. GAS	PROPANE
MAX. HEAT INPUT (GROSS)	6.00 kW	5.5kW
MAX. HEAT OUTPUT (GROSS)	4.62 kW	3.96 kW
MIN. HEAT INPUT (GROSS)	3.30 kW	3.30 kW
MIN. HEAT OUTPUT (GROSS)	2.31 kW	2.20 kW
MAX. SETTING PRESSURE (COLD)	18 mbar	35.5 mbar
BURNER INJECTOR	NAT - Cat 82 - 360	PROPANE - Cat 92 - 180
PILOT INJECTOR	NAT - NG 9008	LPG - 9206
SPARK GAP	2 - 3 mm	2 - 3 mm
IGNITION	PIEZO SPARK GENERATOR	PIEZO SPARK GENERATOR
APPLIANCE WEIGHT	68.5 kg	68.5kg
FLUE	50mm Ø	50mm Ø
ELECTRICAL REQUIREMENTS	230 VOLTS A/C 50Hz 30W A 3 amp FUSE TO BE FITTED	

INTRODUCTION

The Little Wenlock Gas Power Flue (GS1iPF) is factory set to operate on natural gas or propane (See data label) and is available with a standard or traditional door option.

Due to newness the stove may give off a slight smell for a short period after commissioning. This is quite normal and will disappear after a few hours operation, open windows and doors if required.

The Little Wenlock Gas Power Flue (GS1iPF) has one access door as part of its design. The glass fronted door is for access to the coals and apart from initial commissioning of the stove, or in case the pilot is required to be lit with a taper due to malfunction of the spark ignition system.

UNDER NO CIRCUMSTANCES MUST THE STOVE BE OPERATED WITH THIS DOOR OPEN OR IF THE GLASS IS CRACKED OR BROKEN.

The Little Wenlock Gas Power Flue (GS1iPF) has been designed similar to a solid fuel stove to relevant safety standards, but during use, many parts of the appliance can become **HOT** to touch. We recommend that you provide and secure a fireguard complying with BS 6539 when the room is used by elderly, infirm or young persons.

Note: Illustrations show the appliance fitted with the standard door option.

INSTALLATION INSTRUCTIONS

The installation of the appliance must be in accordance with the relevant requirements of the Gas Safety (Installation and Use) Regulations 1995, Building Regulations and the Building Standards (Scotland) (Consolidation) Regulations. It should be in accordance also with any relevant requirements of the local Gas Region and Local Authority and the relevant recommendations of the following current British Codes of Practice & Standards.

BS.6891: Installation of pipes and meters. Low pressure installation pipes.

BS.5440: Part 1 Flues & Part 2 Air Supply.

BS.5871: Part 1 Installation of Gas Fires, Convector Heaters, Fire/Back Boilers.

BS.6461: Codes of Practice for factory-made insulated chimneys for internal application.

BS.8303: Solid fuel appliance flue system.

In your own interests and that of safety to comply with the law all gas appliances should be installed by competent persons, (Corgi Registered) in accordance with the above regulations and with these instructions . Failure to install the appliance correctly could lead to prosecution.

NOTE! This stove is fitted with a spillage safety device. In the event of the flue becoming blocked the fan will increase to its high speed (indicated by the red light on the control box) if this fails to clear the blockage the appliance will shut down.

WARNING: UNDER NO CIRCUMSTANCES IS THE SPILLAGE MONITORING DEVICE TO BE TAMPERED WITH. IF PROBLEMS PERSIST SEEK EXPERT ADVICE.

WHEN THE SPILLAGE MONITORING SYSTEM OR ANY OF ITS PARTS ARE EXCHANGED, ONLY ORIGINAL PARTS SHALL BE USED.

ELECTRICAL CONNECTION

WARNING: THIS APPLIANCE MUST BE EARTHED.

The appliance is suitable for use on 230V 50Hz mains supply only.

The wires in the mains lead on this appliance are coloured in accordance with the following:

Green and Yellow	Earth
Blue	Neutral
Brown	Live

As the colours of the wiring in the mains lead of this appliance may not correspond with the marking on the plug terminal, they should be connected as shown in Fig. 1.

ENSURE ELECTRIC MAINS LEAD IS KEPT CLEAR OF ANY HOT SURFACE

IF THE SUPPLY CORD IS DAMAGED IT **MUST** BE REPLACED BY A SPECIAL CORD OR ASSEMBLY AVAILABLE FROM THE MANUFACTURER OR ITS SERVICE AGENT.

This appliance must be protected by a 3A fuse, if a 13A plug is used or, if any other type of plug is used, by a 5A fuse either in the plug or adaptor or at the distribution board in order to protect the appliance.

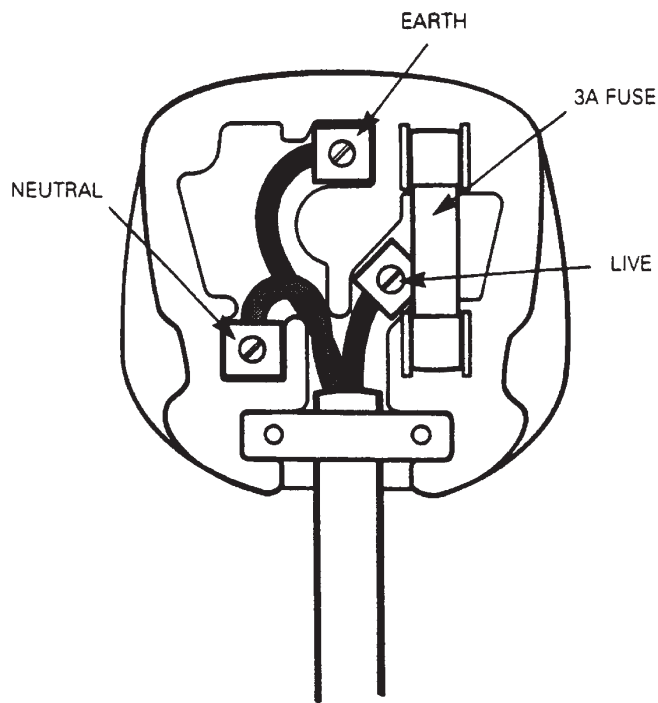
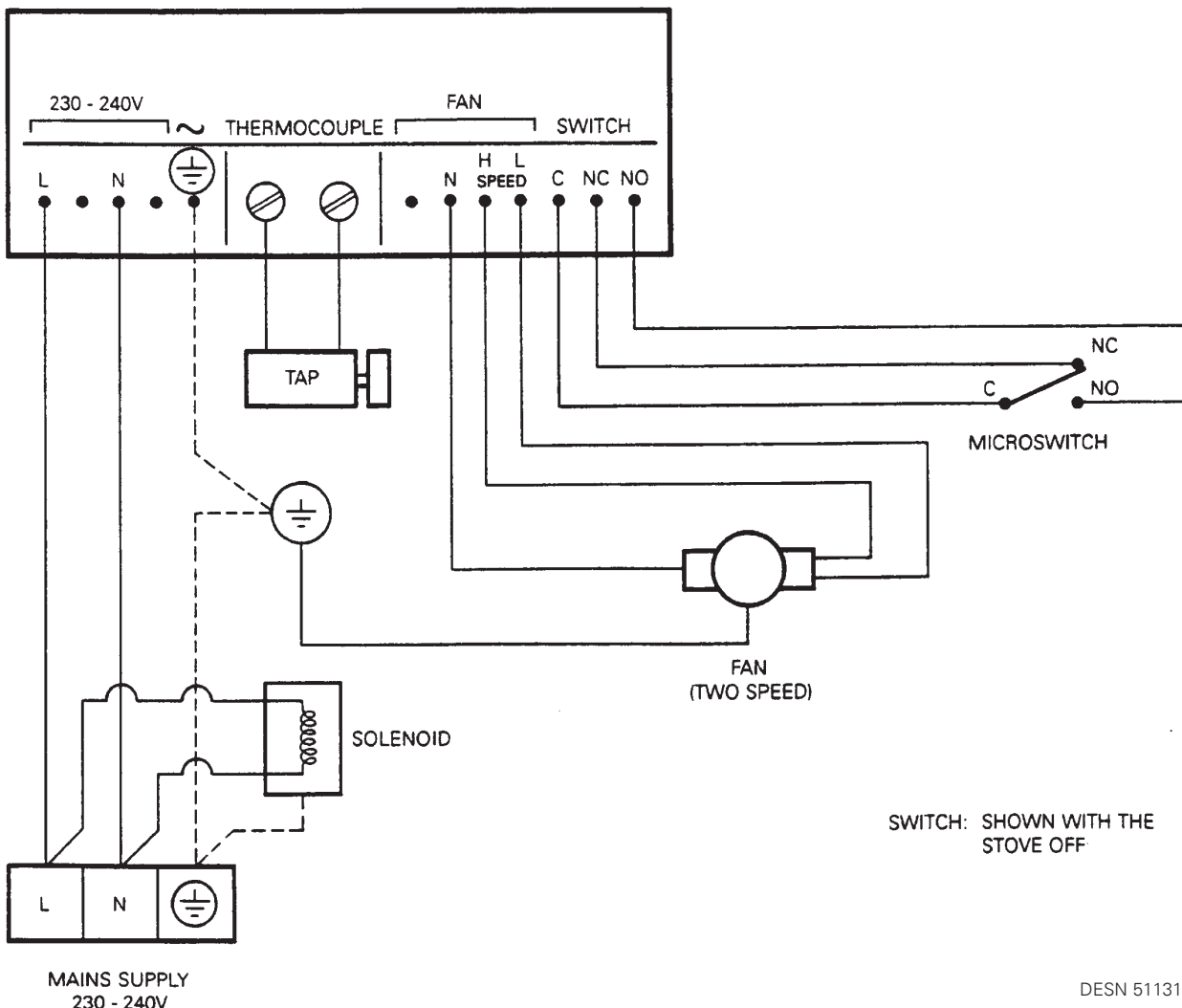


FIG. 1

DESN 511294

CIRCUIT DIAGRAM



DESN 511319

THE LOCATION

The appliance must be installed on a base of incombustible material, at least 12mm thick, extending to at least the front of the stove supporting legs and to 85mm beyond each side of the stove (570mm). See Fig. 2. No clearance is required in front of the hearth

The stove must be installed with a hearth capable of withstanding a maximum temperature of 150°C. Conglomerate marble, marble and tiled surrounds can meet this requirement.

The stove must be installed with a non-combustible wall at the rear. In the event of a combustible wall being present a shield of non-combustible material, at least 25mm thick and to the dimensions in Fig. 2 should be fitted.

Clearances for Shelves: A wooden shelf may be fitted above the stove. The underside of the combustible shelf above the top of the stove should be dimensioned accordingly.

Depth of shelf	Height to underside of shelf Y
150mm	558mm
175mm	575mm
200mm	600mm
225mm	650mm
250mm	700mm
275mm	750mm
300mm	800mm

NOTE:

THE PROPANE VERSION MUST NEVER BE INSTALLED IN A ROOM OR EXTERNAL SPACE BELOW GROUND LEVEL E.G. IN A BASEMENT OR CELLAR.

IT IS IMPERATIVE THAT THE STOVE WHEN INSTALLED IS LEVEL IN ALL DIRECTIONS.

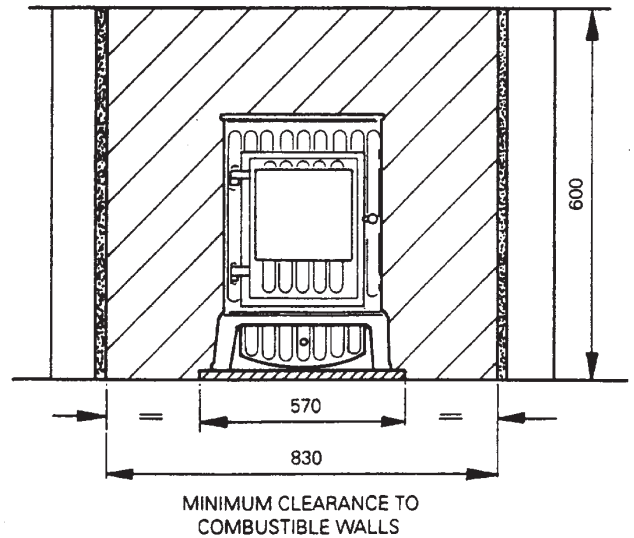
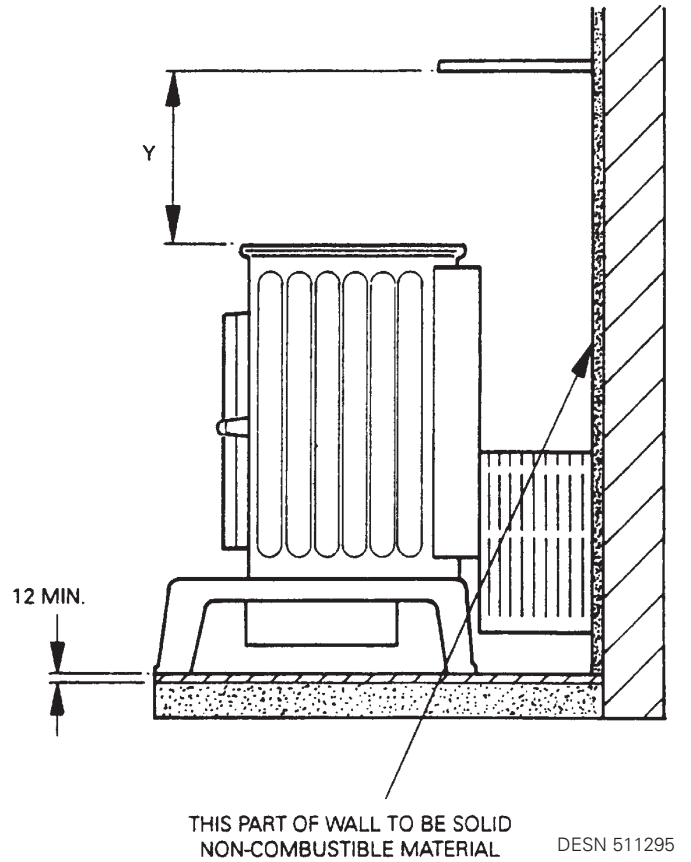


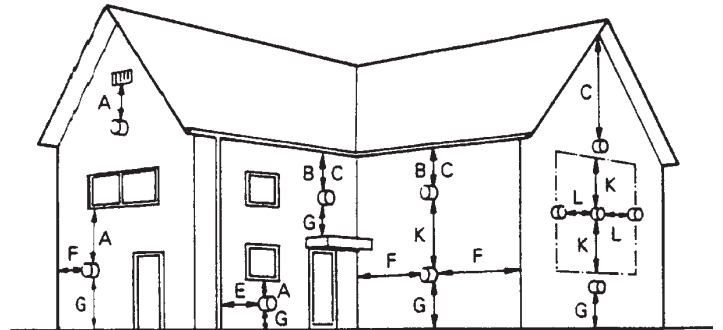
FIG. 2

DESN 511296

THE FLUE

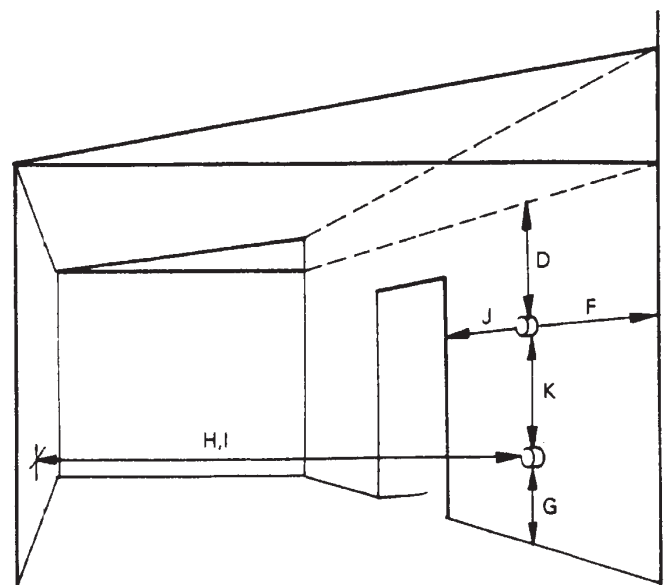
The flue pipe must terminate on an outside wall observing the minimum clearances in Fig. 3.

Position	Minimum Spacing	mm
A	Directly below an openable window, air vent, or an other ventilation opening	300
B	Below gutter, drain/soil pipe	75
C	Below eaves	200
D	Below a balcony or car port roof	200
E	From vertical drain pipes and soil pipes	75
F	From internal to external corners	150
G	Above adjacent ground, roof or balcony eaves	150
H	From surface facing the terminal	600
I	Facing terminals	1200
J	From opening (door/window) in car port into dwelling	1200
K	Vertical from a terminal	1500
L	Horizontally from a terminal	300



AROUND THE HOUSE

DESN511052



UNDER CAR PORT, ETC

FIG.3

DESN511053

THE FLUE

The appliances fluing can exist in a number of different ways depending upon the position of an outside wall and where the flue outlet is to be positioned.

- A Rear flue outlet directly behind appliance - *supplied as standard* Fig. 5.
- B Rear flue outlet with flue running behind wall - *optional* Fig. 6.
- C Outlet with flue running in room (MAXIMUM OF 1 ADDITIONAL BEND) - *optional*.

UNDER NO CIRCUMSTANCES MUST ADDITIONAL BENDS OR FLUE PIPE LENGTHS OF OVER 2M BE USED. THE APPLIANCE CAN ONLY BE INSTALLED USING THE FLUE PIPE MATERIAL SUPPLIED.

NO FORM OF RESTRICTION CAN BE FITTED TO THE FLUE SYSTEM.

FLUE TERMINAL

A terminal guard must be fitted irrespective of height of the installation above ground level Fig. 4.

FLUE LENGTH

THE LENGTH OF THE FLUE, MEASURED FROM THE CENTRE LINE OF THE FLUE OUTLET TO THE OUTER FACE OF THE OUTSIDE WALL MUST BE BETWEEN 200MM MINIMUM AND 2M MAXIMUM AND USE NO MORE THAN 2 BENDS.

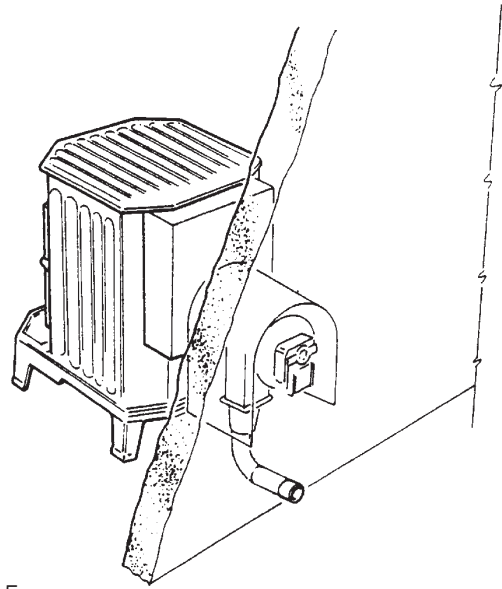


FIG. 5

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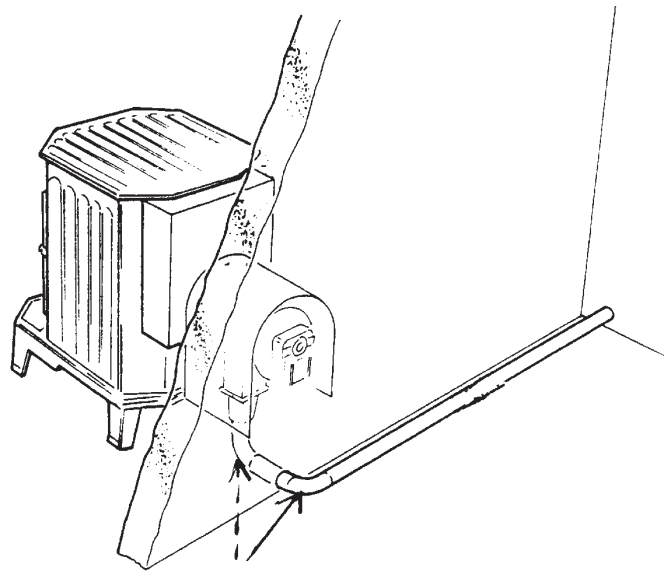


FIG. 6

MAXIMUM OF 2 BENDS.

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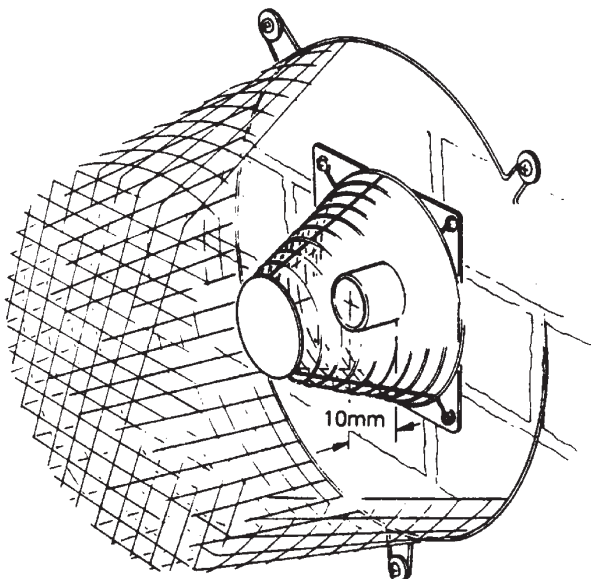


FIG. 4

DESN. 511189

THE FLUE

DIRECT VENT INSTALLATION

1. Flue drilling point. Position of the hole through the wall should be as Fig. 7.
2. Assemble the flue elbow flue connector and flue as shown in Fig. 8 ensuring that the seals are in position.
3. Cut flue pipe to length ensuring that it protrudes through the wall a minimum of 10mm.
4. Seal around hole with cement and fit cover plate and terminal guard.

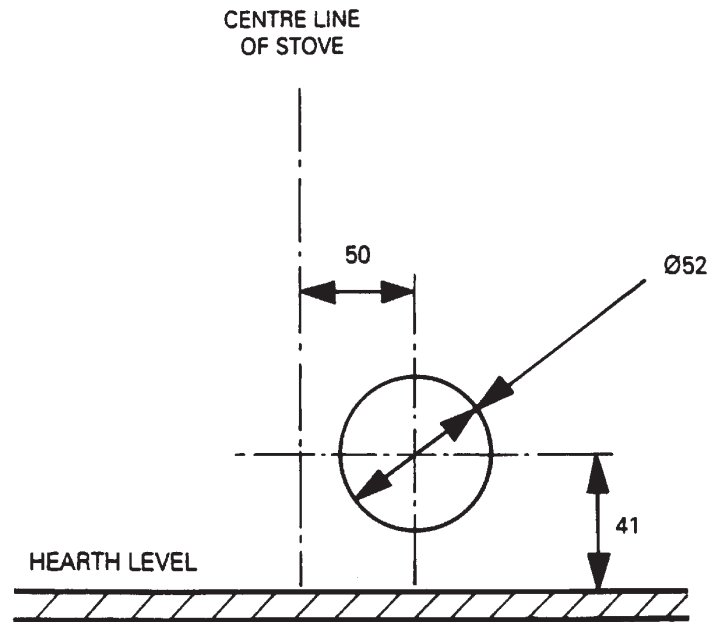
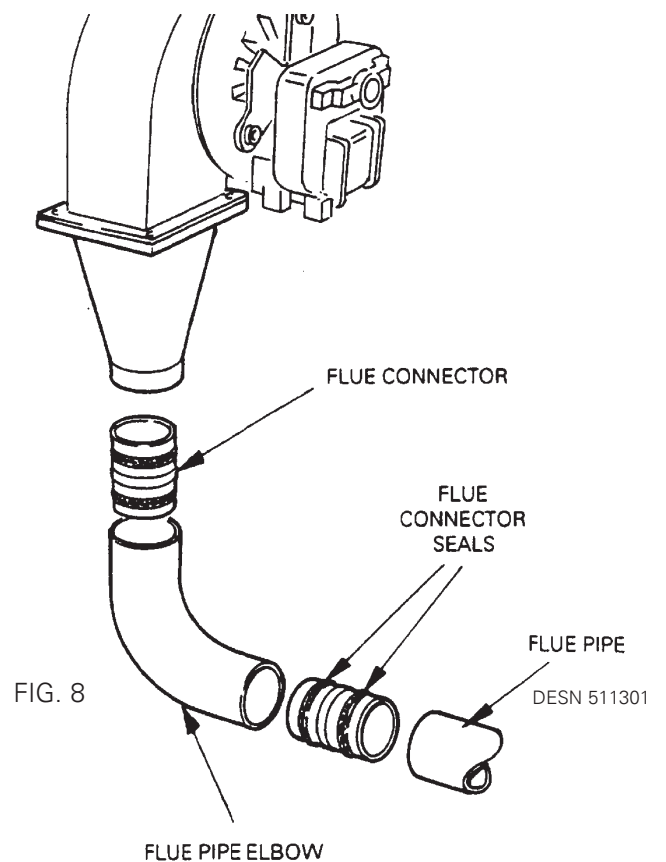


FIG. 7 Viewing from front of stove

DESN 511300



THE FLUE

ALONG AN INSIDE/OUTSIDE WALL

1. Mark position of the top of the hearth on the inside face of the exterior wall and also the flue hole position (Fig. 9).

Note: Check that the flue length will be between 200mm and 2M.

2. Drill the hole for the flue pipe, the centre being 41mm above the top of the hearth and 45mm from the corner.
3. The flue pipe and elbows can be assembled as described previously, see Fig. 8.

PLEASE NOTE THAT THE FLUE PIPE IS HOT, IF THE FLUE IS RUNNING ALONG THE INSIDE WALL THE FITTING OF A NON COMBUSTIBLE FLUE COVER IS STRONGLY RECOMMENDED.

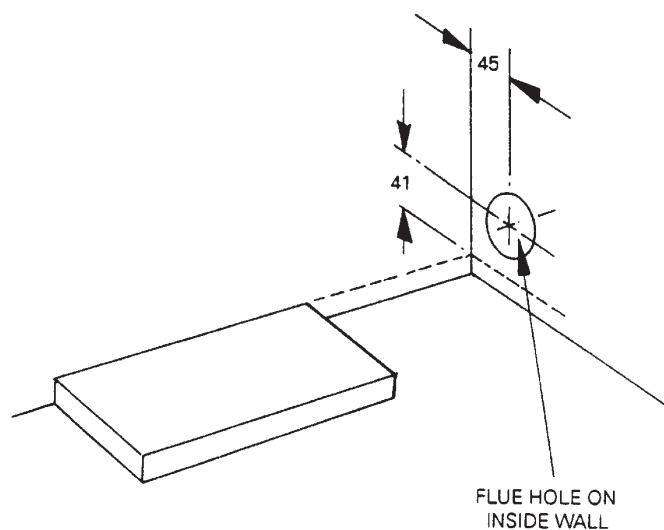


FIG. 9

DESN 511302

FLUE CLAMPING BRACKETS

Flue clamping brackets should be fitted (see Fig. 10) ensuring the spacing between brackets is sufficient to provide sturdy support for the flue pipe.

Note: When installing the flue along an inside wall all combustible material i.e. skirting board, wallpaper must be removed from the immediate vicinity of the flue pipe.

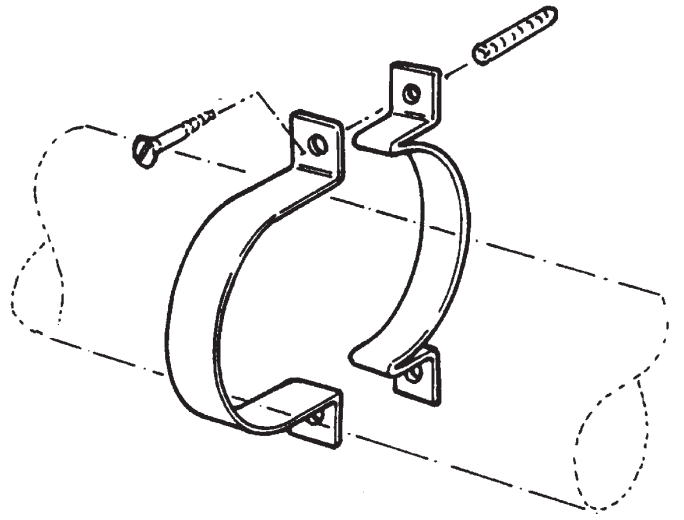


FIG. 10

DESN 511303

AIR SUPPLY

The stove does not normally require any additional purpose made ventilation. However, we recommend that the room has a permanent vent of minimum free air area of 36cm².

EFFECT OF EXTRACTION FAN

If there is any type of extractor fan fitted in the same room as the stove, there is a possibility that if adequate air inlet area from outside is not provided, spillage of the products from the appliance flue could occur when the extractor fan is in operation. Where such installations occur, a spillage test as detailed in BS.5440 Part 1 must be carried out.

GAS CONNECTION

The complete installation **must** be tested for soundness and purged as described in BS.6891.

The gas inlet to the stove is 8mm dia compression, and providing the distance from the service cock to the stove does not exceed 1.5m, 8mm dia rigid or semi-rigid supply pipe may be used.

Above this length, 15mm dia rigid or semi-rigid pipe should be used.

A service cock **must** be fitted adjacent to this appliance.

APPLIANCE ASSEMBLY

Unpacking

Remove all parts from inside the pack and ensure that no damage has occurred during delivery transit. If so, please contact your local stockist.

Items in Pack:

Instructions-Installation-Servicing-Operating
Coal Guard
Small Coals (12)
Large Coals (8)
Finger Coals (4)
Control Cover
Door Locking Tool
Clay Aggregate
Flue Pipe (1 metre length)
90° Flue Bend (1)
Flue Connector (2)
Terminal Guard (2)
Wall Plate

INSTALLING THE APPLIANCE

Position the appliance in accordance with the instructions given in the section 'LOCATION' and connect the flue pipe in accordance with the section 'THE FLUE'.

FLEXIBLE PIPE/CONNECTIONS MUST NOT BE USED.

Connect the stove to the gas supply. (See Gas Connection).

LAYING THE FUEL BED

Open the door of the stove (Using the tools supplied), see Fig. 11) as follows:

1. Loosen the locking screw with the hex. driver.
2. Turn the door catch with the tool as illustrated.

Pour the aggregate into the burner tray as illustrated in Fig. 12.

Fit the coal guard as illustrated in Fig. 12.

Do not compress or tap down. Any excess should be kept and handed to the user for future use.

Positioning the Coals

Carefully place the coals on the coal bed as illustrated in Figs. 13, 14 , 15 and 16.

Close the door and lock (Using the tools supplied).

WARNING: USE ONLY THE SIMULATED COALS SUPPLIED WITH THE APPLIANCE TO BUILD THE BED. UNDER NO CIRCUMSTANCES USE EXTRA COALS OR PUT ANY OTHER MATERIALS ON THE FUEL BED.

DO NOT OPERATE THE STOVE WITH THE DOOR OPEN OR IF THE GLASS IS CRACKED OR BROKEN.

THE DOOR CATCH IS HOT AND SHOULD ONLY BE OPENED WITH THE TOOLS PROVIDED.

Hands should be washed after handling coals. (If gloves are not used).

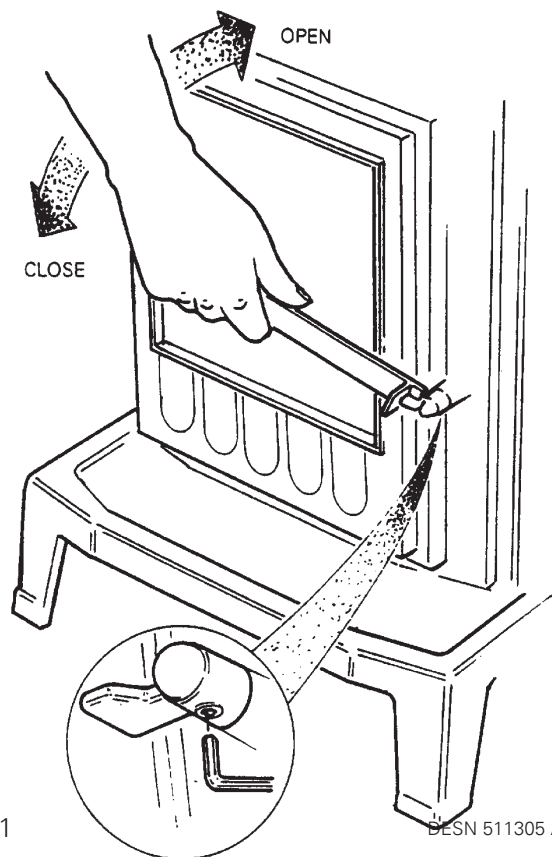


FIG. 11

DESIGN 511305 A

LAYING THE FUEL BED

POUR THE CLAY AGGREGATE SUPPLIED INTO THE TRAY UNTIL IT IS FLUSH WITH THE TOP OF THE BURNER TRAY.

LOCATE COAL GUARD.

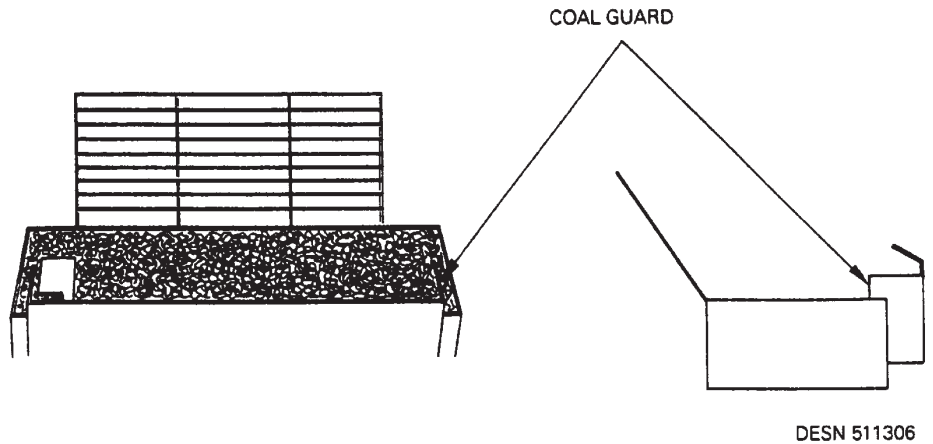


FIG. 12

LOCATE 12 SMALL COALS AS SHOWN.

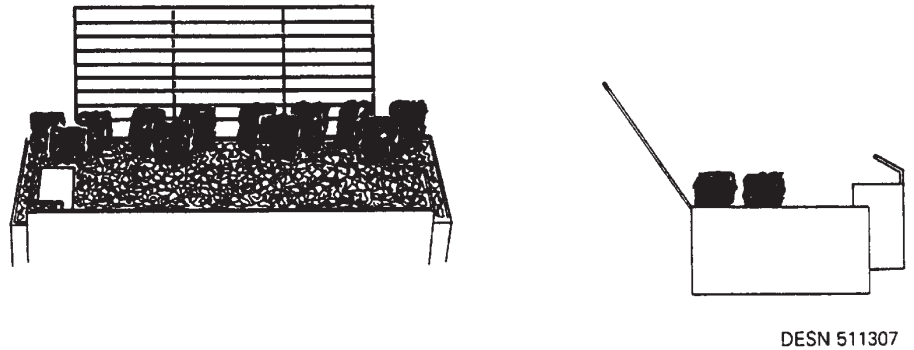


FIG. 13

PLACE 4 LARGE COALS AS SHOWN.

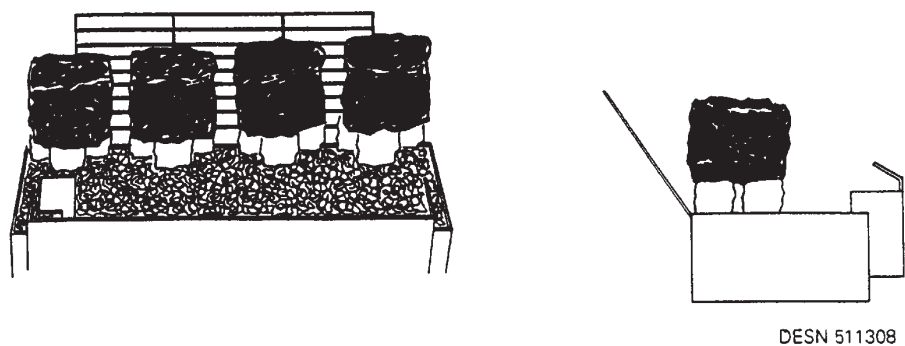
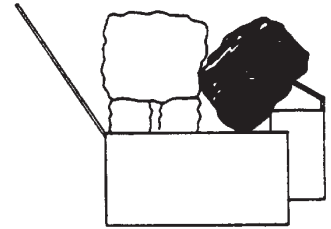


FIG. 14

PLACE THE REMAINING 4
LARGE COALS AS SHOWN.



FIG. 15



DESN 511309

PLACE THE 4 FINGER COALS
ON TOP OF THE LARGE
COALS AS SHOWN.

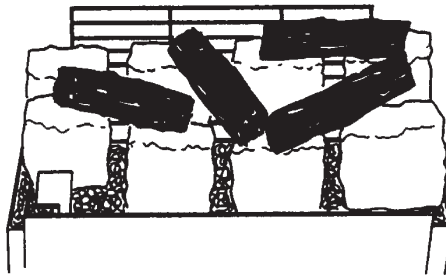
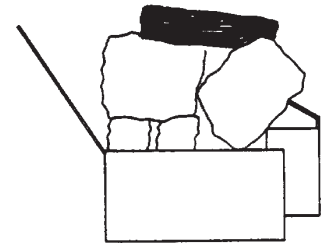


FIG. 16



DESN 511310

COMMISSIONING AND TESTING

NO SMOKING OR NAKED LIGHTS

The whole installation **must** be inspected and tested for soundness and purged up to the gas service cock in accordance with BS. 6891.

Remove the pressure test point sealing screw on the burner feed pipe, located at the left hand side of the control valve, connect a suitable pressure gauge. (See Fig. 17).

The control tap is marked with the following positions:-

OFF	●
PILOT ONLY	✱
MINIMUM	🔥
MAXIMUM	🔥

The stove is fitted with a piezo spark ignitor.

Note: If the main burner or pilot are extinguished for any reason do not attempt to re-light the pilot for three minutes.

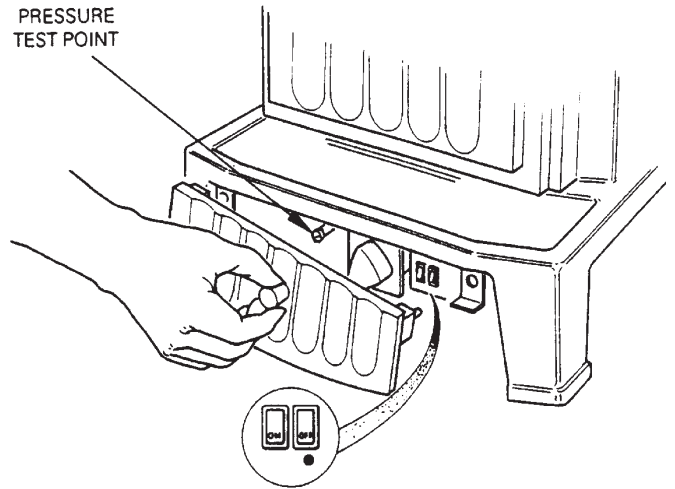


FIG. 17

DESN 511311

TO OPERATE THE FAN

Ensure the electricity supply is connected and turned on press the on button located on the fan control box (see Fig. 18) this will illuminate the light and the fan should operate at high speed for approx. 15-20 seconds the light will go off, the fan speed will reduce and the appliance can be lit.

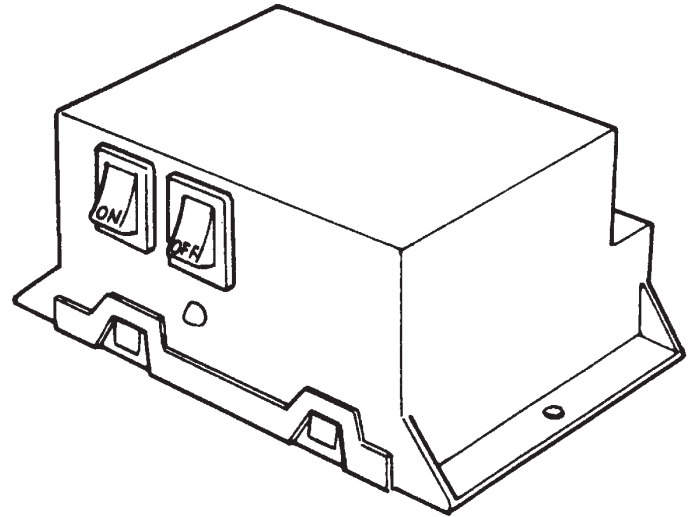


FIG. 18

DESN 511312

TO LIGHT THE PILOT

Ensure that the control knob is in the OFF (●) position (Fig. 19).

Fully depress the control knob and turn anti-clockwise (keeping the control valve fully depressed) until the pilot position (☆) is reached (Fig. 20). If the pilot has not lit repeat the operation.

Once the pilot is lit continue to hold in the control knob for a further 10-15 seconds to establish the pilot. When the control knob is released the pilot should remain alight. If the pilot fails to remain alight refer to fault finding section of this document.

If required the pilot may be lit by a long spill or taper as follows:

Open the door of the stove (using the tools supplied) (See Fig. 11).

Apply a lighted long spill or taper to the pilot (See Fig. 21) positioned at the front LH side of the burner tray.

Fully depress the control knob and turn anti-clockwise (keeping the control knob fully depressed) until the spark position (☆) has been removed and the pilot should light.

Once the pilot is lit remove the long spill or taper, continue to hold the control knob for 10 to 15 seconds to establish the pilot. When the knob is released, the pilot should remain alight. If the pilot fails to remain alight, repeat the procedure, but hold the knob in longer.

When pilot is established close and lock the door (using the tools supplied).

TO LIGHT STOVE

If the pilot is not alight, follow procedure to light pilot.

Turn the control knob anti-clockwise to the full on position (🔥) (Fig. 22). The main burner will light. At this setting the pressure should be 17.7 +/-1.0mbar with an inlet pressure of 20mbar for natural gas, or 36 +/-1.0mbar with an inlet pressure of 37mbar for propane.

Depress and turn the control knob clockwise to the pilot position (☆) (Fig. 23). The stove will go out and the pilot will remain alight. Remove the pressure gauge and replace the test point sealing screw.

Turn stove to maximum setting (🔥) (Fig. 24) and check for gas soundness.

FIG 19.

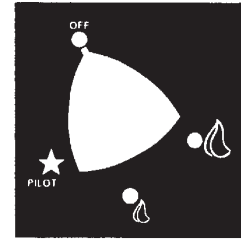


FIG 20.

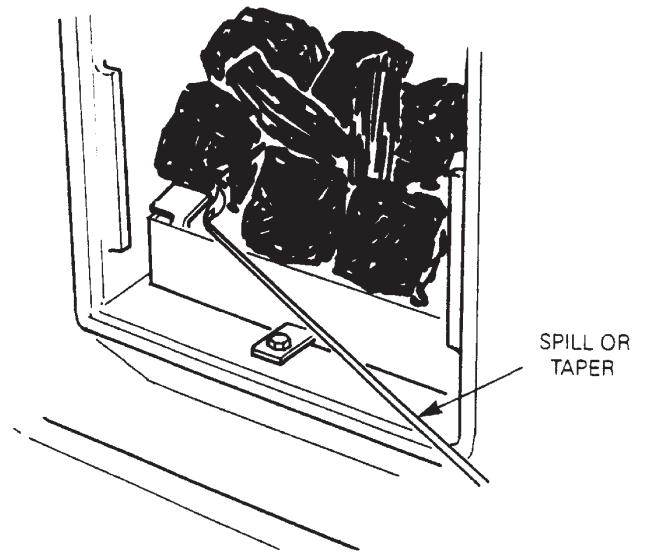
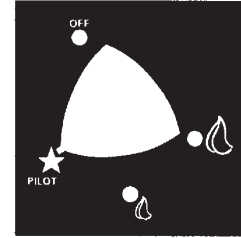


FIG. 21.

DESN 511313

FIG 22.

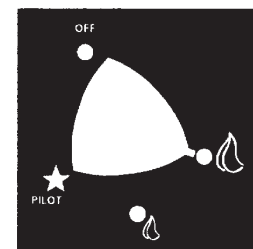


FIG 23.

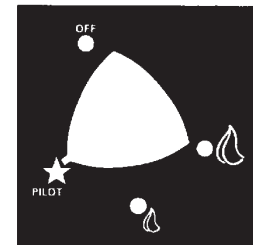
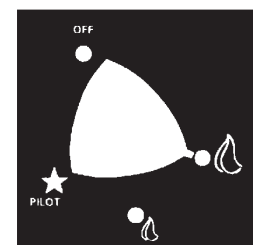




FIG 24.



TO TURN STOVE OFF

Turn the gas control knob to the minimum gas rate position () (Fig. 25), slightly depress the knob and continue turning to the pilot position () (Fig. 26). The fire will go out and the pilot will remain lit and may be left on permanently.

Turn off fan.

FIG 25.

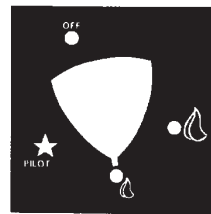
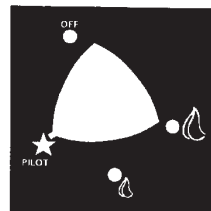



FIG 26.

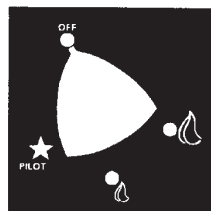


TO TURN STOVE AND PILOT OFF

Turn the stove off as described. Depress the control knob, turn to the off position () (Fig. 27) and the pilot will go out.

Ensure fan is switched off.

FIG 27.



POWER FAILURE

Should the stove be subject to a power cut. On restoration of the power the gas control will require resetting manually (see page 15).

CHECK FOR CLEARANCE OF PRODUCTS OF COMBUSTION

Ensure that all doors and windows of the room are closed.

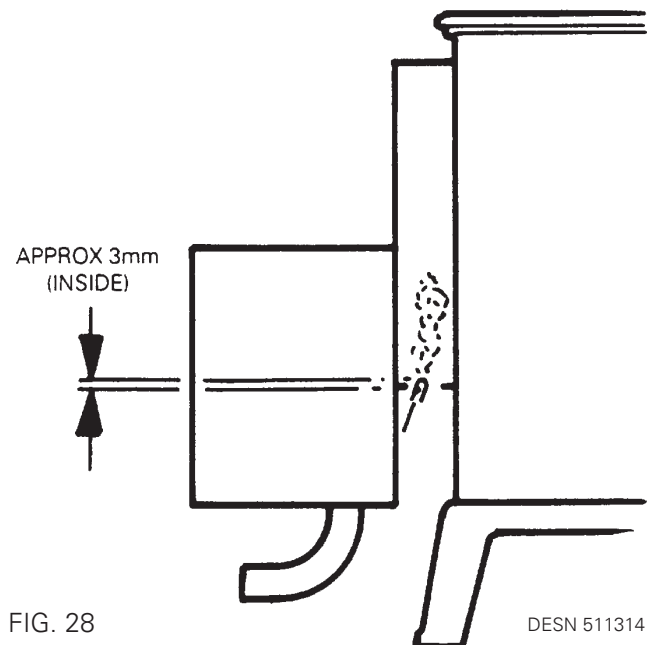
Light the stove as described. Leave on maximum rate for 5 minutes.

If there is a fan in a nearby room then the spillage test must be repeated with the fan turned on and any interconnecting doors between the stove and the fan location left open.

A spillage test as detailed in BS. 5440 must be carried out after 5 minutes as follows:- By holding a smoke match so that match head is approximately 3mm up inside the lower edge of the draught diverter (See Fig. 28). Spillage is indicated by smoke being displaced outwards from the draught diverter. If in doubt repeat after a further 10 minutes.

If spillage is detected the fan may be faulty. The fault **must** be corrected before leaving the stove installed.

if the fault cannot be corrected turn off and disconnect the gas supply to the stove and seek expert advice.



INSTRUCT USER

Hand over all the instructions to the user and explain how to light and operate the appliance.

Impress upon the user that the coals must be located in accordance with the instructions and that the appliance **MUST NOT** be operated with the stove door open or if the glass is cracked or broken. The appliance should be serviced at regular intervals by a competent person to ensure safe operation.

Point out the removable warning label which the customer must remove and read.

Advise the user that any smell emitted from the stove on initial lighting will quickly clear away with use.

The door tools must be stored in a safe place out of the reach of children.

SERVICING AND REPLACEMENT PARTS

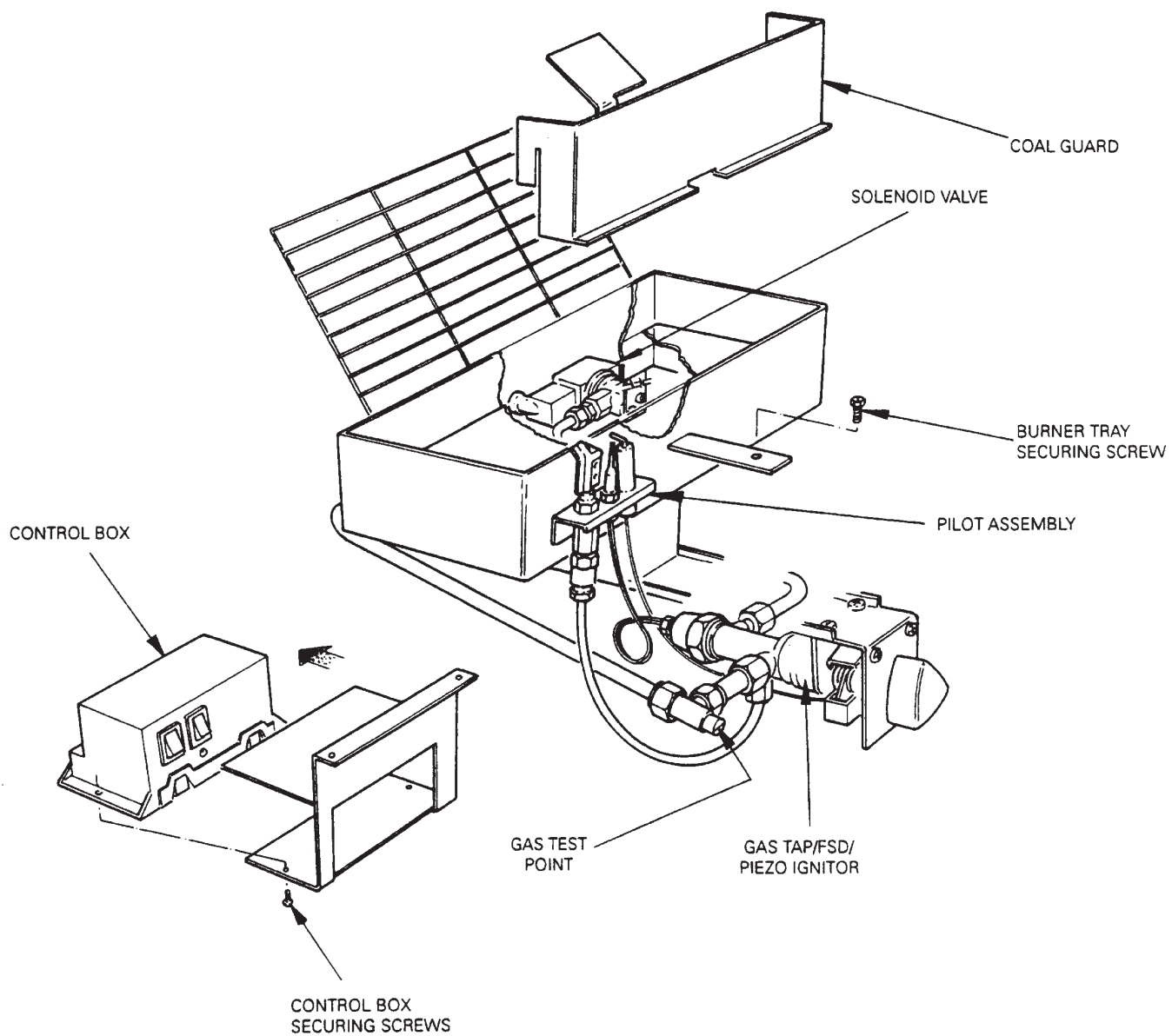


FIG. 29

SERVICING

It is recommended that the stove is inspected/serviced annually by a competent person (e.g. A Corgi Registered Installer).

it is recommended that the flue is checked for debris.

After any servicing ALWAYS check for gas soundness and carry out a spillage test as detailed in the section 'CHECK FOR CLEARANCE OF PRODUCTS OF COMBUSTION'.

RE-ASSEMBLE IN REVERSE ORDER.

SERVICING PROCEDURE

Ensure that the stove is cold.

Isolate the gas and electricity supplied to the stove.

Hands should be washed after handling coals. (If gloves are not used).

Open the door of the stove (using the tools supplied). Carefully remove all coals from the fire and inspect for Damage/Breakage. Clean any excessive soot from the coals with a soft brush.

Clean any deposits from the surface of the aggregate bed with a soft brush.

A VACUUM CLEANER MUST NOT BE USED, as this could remove the clay aggregate.

If necessary clean the pilot injector as follows:

Remove coal guard (See Fig. 29).

Disconnect gas supply to control valve.

Remove burner assembly tray location and securing screw (See Fig. 29).

Carefully lift out the burner assembly tray and retain the clay aggregate. If necessary top up the tray with aggregate during re-assemble as described in 'LAYING THE FUEL BED';

Undo the pilot pipe connection at the pilot burner.

Remove the pilot assembly securing nut and remove the pilot assembly.

Remove the pilot injector.

Clean the injector and aeration holes. The injector must not be cleaned with a needle or wire.

DO NOT USE A WIRE BRUSH.

RE-ASSEMBLE IN REVERSE ORDER.

IMPORTANT: Carefully replace the coals as described in the section 'LAYING THE FUEL BED'.

REPLACEMENT OF PARTS

SEE FIG. 29

Ensure the stove is cold.

Isolate the gas and electricity supplies to the stove.

On completion **ALWAYS** check for gas soundness.

Hands should be washed after handling coals. (if gloves are not used).

Open the door of stove (using the tool supplied).

Disconnect the gas supply to Control Valve.

Remove the coals and coal guard.

Remove the Burner Assembly Tray Location and Securing Screw.

Carefully lift out the burner assembly tray and retain the clay aggregate. If necessary top up the tray with clay aggregate during re-assembly as described in 'LAYING THE FUEL BED'.

The following components can now be replaced, as follows:

Gas Tap/FSD/Piezo Ignitor

Note: The Piezo Ignitor is an integral part of the above item and is not available as a separate item.

Disconnect the thermocouple, the injector and pilot feed pipes at the gas tap/FSD/Piezo Ignitor.

Disconnect the ignition lead at the tap.

Pull off the control knob and remove the Gas tap/FSD/Piezo Ignitor (2 screws).

Fit replacement Gas Tap/FSD/Piezo Ignitor and re-assemble in reverse order, carefully replace the coals as described in 'LAYING THE FUEL BED'.

CHECK THE BURNER PRESSURE AS DESCRIBED IN 'TO LIGHT THE STOVE'.

Main Burner Injector

Disconnect feed pipe at the main injector and remove injector.

Fit replacement injector and re-assemble in reverse order, carefully replace the coals as described in 'LAYING THE FUEL BED'.

Pilot Assembly

Disconnect the feed pipe at the pilot assembly.

Disconnect the thermocouple connection at the control valve and pull off the ignition lead from the electrode.

Remove pilot filter.

Remove the pilot assembly (one nut).

Fit the replacement pilot assembly and re-assemble in reverse order.

NOTE: Ensure that the insulation sleeving is pushed back over the end of the electrode during re-assembly.

Carefully replace the coals as described in 'LAYING THE FUEL BED'.

Control Box

Disconnect the wiring from the rear of the control box (2 plugs and thermocouple wires) remove the box from underside of the appliance (2 screws).

Fit replacement control box and re-assemble in reverse order.

Solenoid Valve

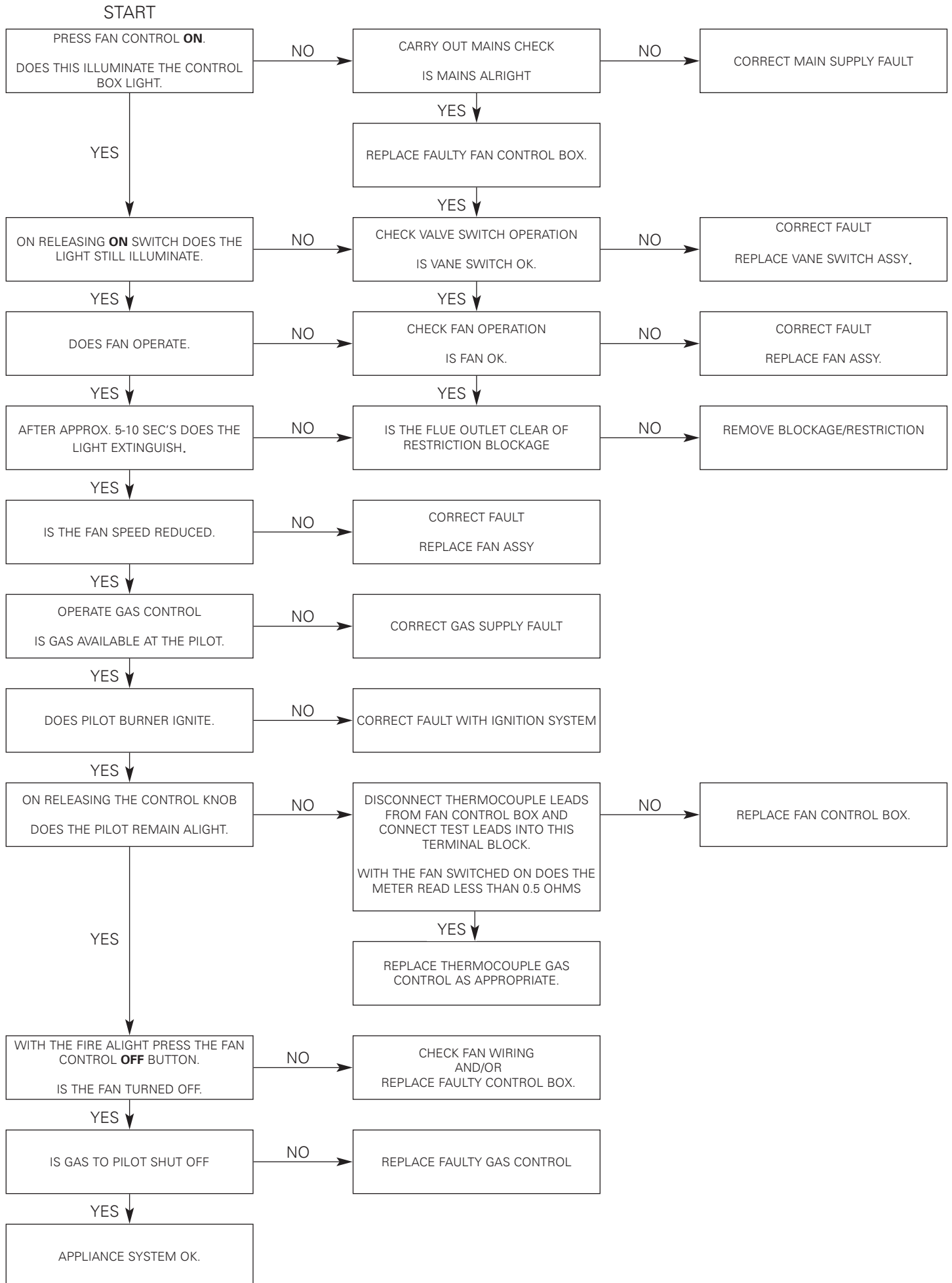
Remove the burner tray assembly.

Disconnect solenoid feed pipe.

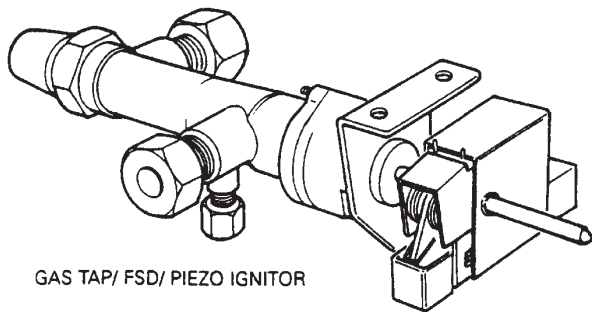
Remove solenoid valve (2 screws).

Fit replacement solenoid valve and re-assemble in reverse order.

FAULT FINDING CHART



SPARE PARTS

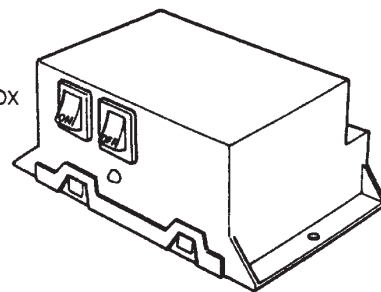


GAS TAP/ FSD/ PIEZO IGNITOR



DESN 510726

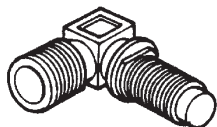
CONTROL KNOB



CONTROL BOX

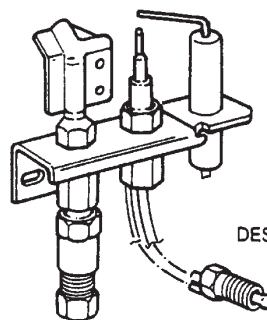
DESN 511316

BURNER INJECTOR



DESN 510727

PILOT ASSEMBLY



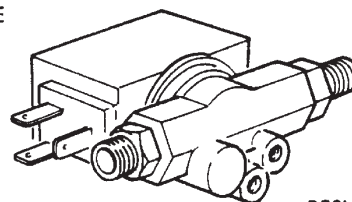
DESN 510623

COAL PACK CONTAINING:-
BLACK, 8 LARGE
BLACK, 12 SMALL
BLACK, 4 FINGER



DESN 511320

SOLENOID VALVE



DESN 511316

SHORT LIST OF SPARE PARTS

The following Spare Parts are available from your Distributor:

DESCRIPTION	MAKERS PART NUMBER	DESCRIPTION	MAKERS PART NUMBER
1. Gas Valve — NG — PROPANE	HG4M410130 HG4M410131	5. Coals Pack	HG4M410194
2. Pilot Assembly — NG — PROPANE	FG4M420220 FG4M420220	6. Aggregate Pack	TLCY410132
3. Burner Injector — NG — PROPANE	HG4M410169 HG4M410197	7. Door Tool	HS1M93003
4. Control Knob	HG4M999413	8. Control Box	HG4M410170
		9. Solenoid Valve	HG4M410213

THEY SHOULD BE FITTED ONLY BY A COMPETENT PERSON (e.g. A CORGI Registered Installer)

**For further advice or information contact
your local distributor/stockist**

With Aga-Rayburn's policy of continuous product improvement, the Company reserves the right to change specifications and make modifications to the appliances described and illustrated at any time.



Manufactured By
Aga-Rayburn
Station Road
Ketley Telford
Shropshire TF1 5AQ

www.aga-rayburn.co.uk
www.agacookshop.co.uk

Little Wenlock Gas Power Flue (GS1iPF)

Little Wenlock Gas Power Flue Traditional - (GS1iPF -Traditional)

For use in GB and IE

Consumer Protection

As manufacturers and suppliers of cooking and heating products. We take every care to ensure, as far as is reasonably practical, 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 Aga-Rayburn could invalidate the approval of the appliance, operation of the warranty and could affect your statutory rights.

Important

This appliance may contain some of the materials that are indicated. It is the Users/Installers responsibility to ensure that the necessary personal protective clothing is worn when handling where

applicable, the pertinent parts that contain any of the listed materials that could be interpreted as being injurious to health and safety, see below for information.

Firebricks, Fuel beds, Artificial Fuels - when handling use disposable gloves.

Fire cement - when handling use disposable gloves.

Glues and Sealants - exercise caution - if these are still in liquid form use face mask and disposable gloves.

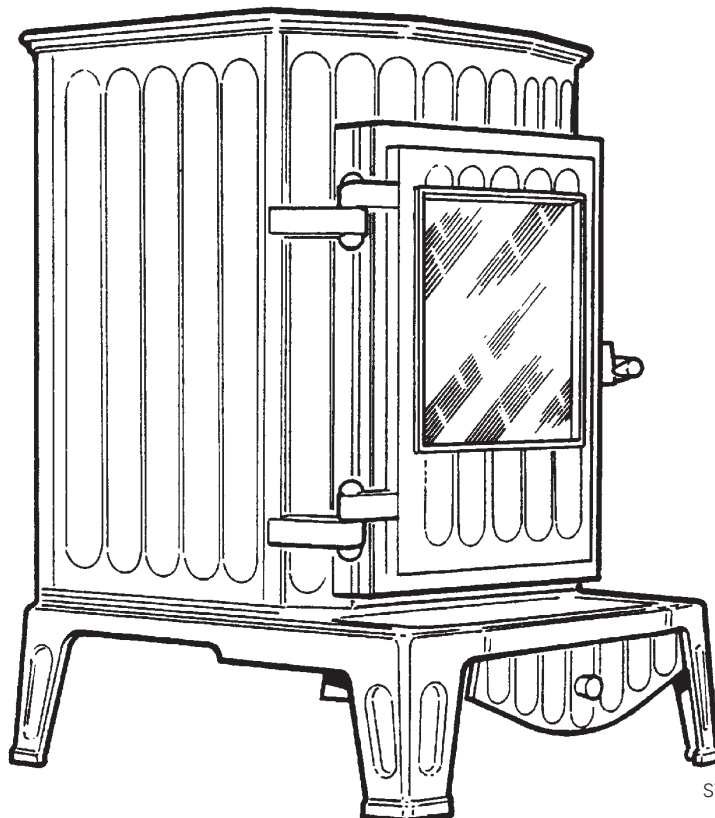
Glass Yarn, Mineral Wool, Insulation Pads, Ceramic Fibre, Kerosene/Gas Oil - may be harmful if inhaled. May be irritating to skin, eyes, nose and throat. When handling avoid contact with skin or eyes. Use disposable gloves, face-masks and eye protection. After handling wash hands and other exposed parts. When disposing of the product, reduce dust with water spray, ensure that parts are securely wrapped.

Natural Gas

Cat I_{2H} (G20) at a supply pressure of 20mbar

Propane Gas

Cat I_{3P} (G31) at a supply pressure of 37mbar



STANDARD DOOR OPTION ILLUSTRATED

DESN 511292



THIS APPLIANCE MUST BE INSTALLED IN ACCORDANCE WITH THE RULES IN FORCE

Dear Customer,

Your gas stove is for use on either **natural gas or propane**. It **must be** installed by a competent person (e.g. A CORGI Registered Installer) in accordance with the Installation Instructions and operated in accordance with these users instructions if so it should provide many years of safe and efficient operation.

Please complete the separate guarantee card and return it to us within 28 days of purchase. This card will enable us to record the details of your purchase and keep you advised of any future developments.

We thank you for purchasing our product and trust it will provide many years of excellent service.

The components of this appliance are guaranteed for one year. We agree to repair free of charge or, at our option, replace the appliance or part thereof which may prove to be defective within one year of purchase.

Please retain your purchase receipt. Our Service Engineer will need to see this in the event of a claim under warranty.

IMPORTANT NOTES

Your Little Wenlock Gas Power Flue - (GS1iPF) is a natural gas or propane gas stove.

Due to the newness, the stove may give off a slight smell for a short period after commissioning. This is quite normal and will disappear after a few hours of operation, open doors and windows if required.

The installation of the stove must be carried out by a competent person (e.g. CORGI Registered installer), in accordance with the installation instructions and the current Gas Safety (Installation and Use) Regulations 1995. Failure to install the appliance correctly could lead to prosecution.

The hearth under the stove should never be covered with combustible flooring or material. Do not obstruct the space beneath the stove.

WARNING: DO NOT OPERATE THE STOVE WITH THE GLASS DOOR OPEN OR IF THE GLASS IS CRACKED OR BROKEN. THE DOOR MUST ALWAYS BE CLOSED USING THE TOOLS PROVIDED.

The Little Wenlock Gas Power Flue - (GS1iPF) has been designed similar to a solid fuel stove to relevant safety standards, but during use, many parts of the appliance can become **HOT** to touch. We recommend that you provide and secure a fireguard complying with BS 6539 when the room is used by elderly, infirm or young persons.

Any alterations after the initial installation must be in accordance with the requirements of the Installation and Servicing Instructions. Clarification of combustible material clearances, hearth dimensions, shelf heights and fluing requirements are detailed in the sections 'Location and the Flue'.

It is recommended that the appliance is inspected/serviced annually by a competent person (e.g. A CORGI Registered Installer).

Combustible furniture or materials **MUST NOT** be placed closer than 1m in front of the stove.

It is **NOT** recommended to have any materials, such as curtains, above the appliance or to within 1m at the sides.

Clothing or other flammable material should **NOT** be placed on the stove.

Blown vinyl wallpaper or other similar materials. The types of material which have a raised pattern are easily affected by heat, so that it may scorch or become discoloured close to a heating appliance. Please bear this in mind when installing this stove and when re-decorating.

The door tools must be stored in a safe place out of the reach of children.

This appliance should under **NO** circumstances be utilised for solid fuel.

Must be installed in accordance with BS.5440: Part 1 Flues & Part 2 Air Supply.

NOTE! This stove is fitted with a spillage safety device, in the event of the flue becoming blocked the fan will increase to its high speed (indicated by the red light on the control box) if this fails to clear the blockage the appliance will shut down.

WARNING: UNDER NO CIRCUMSTANCES IS THE SPILLAGE MONITORING DEVICE TO BE TAMPERED WITH. IF PROBLEMS PERSIST SEEK EXPERT ADVICE.

ELECTRICAL CONNECTION

WARNING: THIS APPLIANCE MUST BE EARTHED.

This appliance is suitable for use on a 230V 50Hz mains supply only.

The wires in the mains lead on this appliance are coloured in accordance with the following:-

Green and Yellow	Earth
Blue	Neutral
Brown	Live

As the colours of the wiring in the mains lead of this appliance may not correspond with the marking on the plug terminal, they should be connected as shown in Fig. 1.

ENSURE ELECTRIC MAINS LEAD IS KEPT CLEAR OF ANY HOT SURFACE.

This appliance must be protected by a 3A fuse, if a 13A plug is used or, if any other type of plug is used, by a 5A fuse either in the plug or adaptor at the distribution board in order to protect the appliance.

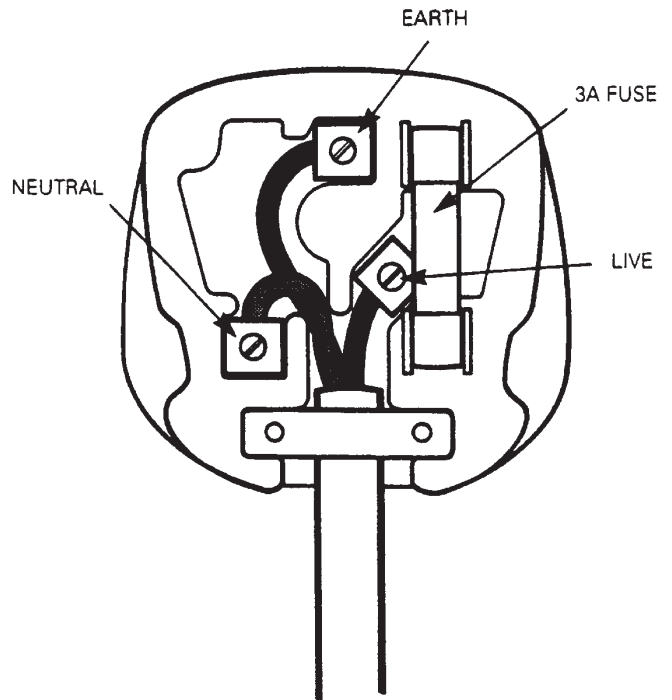


FIG. 1

DESN 511294

OPERATION OF THE STOVE

The gas to the stove is controlled by a point light, control knob and a safety feature called a flame supervision device.

To gain access to the gas control knob, remove the control cover (fig. 2).

The tap-knob bezel is marked with positions for OFF (●) PILOT (↯) and a graduated section for minimum, and maximum, gas rate (fig. 3).

The stove is fitted with a piezo spark ignitor.

NOTE: If the main burner or pilot are extinguished for any reason, DO NOT attempt to relight the pilot for three minutes.

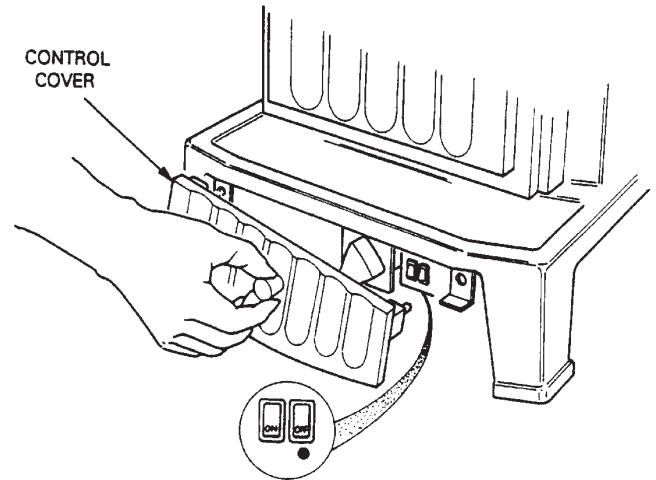


FIG. 2

DESN 511317

TO OPERATE THE FAN

Ensure that the electricity supply is connected and turned on press the ON button located on the fan control box (see Fig. 2) this will illuminate the light and the fan should operate at high speed for approx. 15-20 seconds the light will go off, the fan speed will reduce and the appliance can be lit.

TO LIGHT THE PILOT

Remove the control knob cover. Ensure that the glass door is closed and locked and that the control knob is in the OFF (●) position (Fig. 3).

To light the fire ensure the fan is switched on.

See Page 4.

Fully depress the control knob and turn anti-clockwise (keeping the control knob fully depressed) until the spark position (⚡) is reached (Fig. 3). If the pilot has not lit repeat the operation.

Once the pilot is lit continue to hold in the control knob for a further 10 - 15 seconds to establish the pilot. When the control knob is released the pilot should remain alight. If the pilot fails to remain alight refer to fault finding section of this document.

If required the pilot may be lit by a long spill or taper as follows:-

Open the door of the stove (Using the tools supplied, see Fig. 4) as follows:

1. Loosen the locking screws with the hex. driver.
2. Turn the door catch with the tool as illustrated.

Apply a lighted long spill or taper to the pilot (See Fig. 5) positioned at the front LH side of the burner tray.

Fully depress the control knob and turn anti-clockwise (keeping the control knob fully depressed) until the spark position (⚡) has been reached and the pilot should light.

Once the pilot is lit remove the long spill or taper, continue to hold the control knob for 10 to 15 seconds to establish the pilot. When the knob is released, the pilot should remain alight. If the pilot fails to remain alight, repeat the procedure, but hold the knob in longer.

When pilot is established close and lock the door (using the tools supplied).

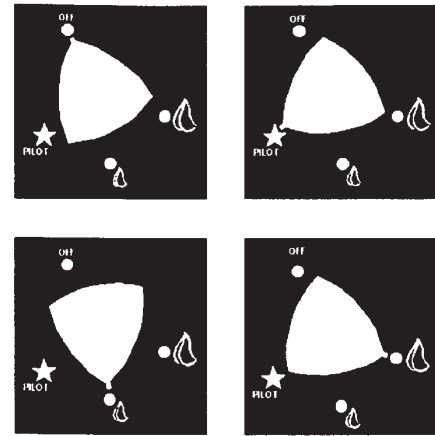


FIG. 3

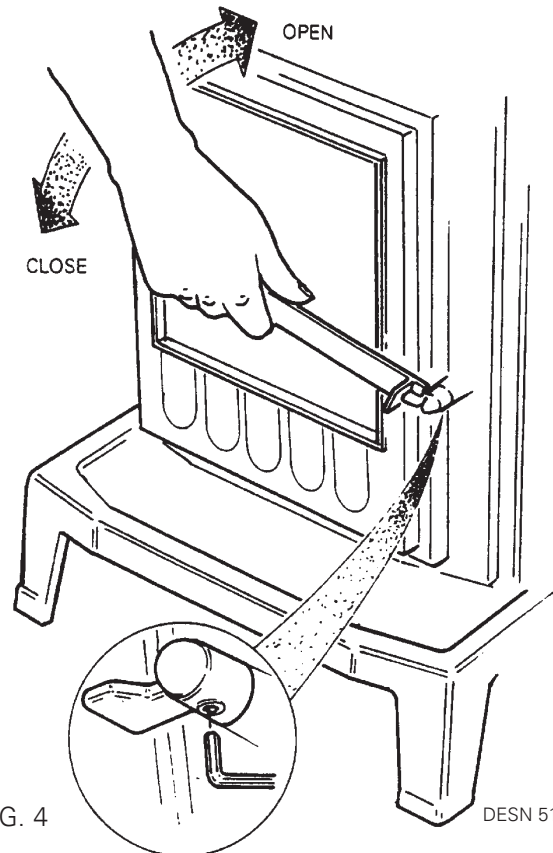


FIG. 4

DESN 511305A

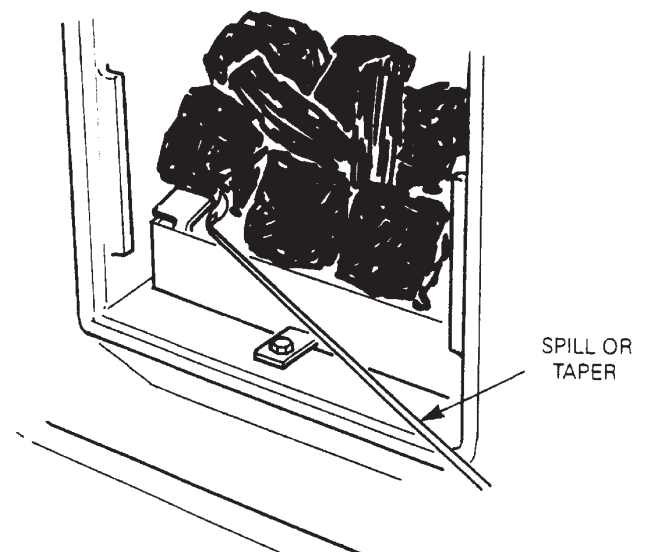


FIG. 5

DESN 511313

TO LIGHT THE STOVE

If the pilot is not already alight, light the pilot as described. Slightly depress and turn the control knob anti-clockwise from the pilot position (🔥) (See Fig. 6). The fire will ignite.

Adjust the heat output as required by turning the control knob clockwise towards the minimum position (🔥) (See Fig. 7).

To ensure correct operation of the stove it is recommended that it is **NOT** operated below the minimum setting.

Replace the control cover.

TO TURN THE STOVE OFF

Turn the gas control knob to the minimum gas rate position (🔥) (Fig. 8), slightly depress the knob and continue turning to the pilot position (🔥) (Fig. 9). The fire will go out, and the pilot will remain lit and may be left on permanently.

PLEASE NOTE: If the fan is turned off at the control box the pilot will be extinguished.

TO TURN THE STOVE AND PILOT OFF

Turn the stove off as described. Depress the control knob, turn to the off position (●) (Fig. 10) and the pilot will go out.

Ensure that the fan is switched off.

POWER FAILURE

Should the stove be subject to a power cut. On restoration of power the gas control will require resetting manually (see page 5).

FIG. 6

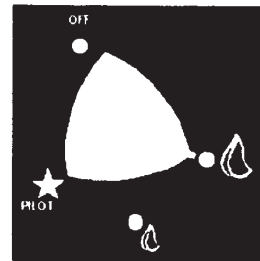


FIG. 7

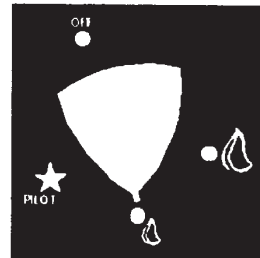


FIG. 8

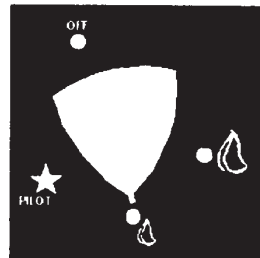


FIG. 9

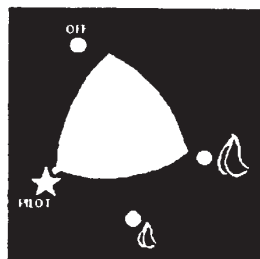
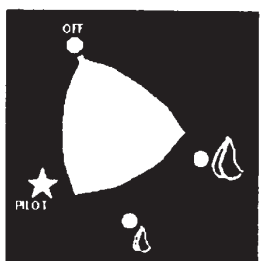


FIG. 10



CLEANING

Cleaning should be carried out when the stove is turned **OFF** and is cold.

The exterior of the stove can be cleaned with a vacuum cleaner, or dusted with a soft brush, either dry or moistened by drawing the bristle over a damp cloth.

A cloth is not recommended as it can leave fibres behind.

The flame effect of the stove may deposit some soot in the coals or back of the stove. This is quite normal and need not be cleaned off but if desired can be removed by careful use of a soft brush.

WARNING: DO USE A VACUUM CLEANER.

Remove the coals for cleaning and replace as described opposite.

REMOVING AND REPLACING COALS

Ensure that the stove and pilot are turned OFF and that the stove is cold.

Open the door of the stove. (Using the tools supplied Fig. 4).

In time due to expansion and contraction the 'coals' may settle. The settlement of the 'coals' may cause minor abrasions and expose some white spots. These white spots usually add realism to the stove when in operation.

UNDER NO CIRCUMSTANCES TRY TO RE-COLOUR THE COALS WITH PAINT.

If the settlement of the 'coals' has produced any unsatisfactory flame pattern, or if the 'coals' need to be replaced, remove the existing 'coals' and replace as follows:

Ensure that the coal guard is correctly located as illustrated in Fig. 11.

Positioning the Coals

Carefully place the coals on the coal bed as illustrated in Fig. 12, 13, 14 and 15.

Close the door and lock (using the tool supplied).

WARNING: USE ONLY THE SIMULATED COALS SUPPLIED WITH THE APPLIANCE TO BUILD THE BED. UNDER NO CIRCUMSTANCES USE EXTRA COALS OR PUT ANY OTHER MATERIAL ON THE FUEL BED.

DO NOT OPERATE THE STOVE WITH THE DOOR OPEN OR IF THE GLASS IS CRACKED OR BROKEN.

THE DOOR CATCH IS NOT AND SHOULD ONLY BE OPENED WITH THE TOOLS PROVIDED.

Hands should be washed after handling coals. (If gloves are not used).

LAYING THE FUEL BED

POUR THE CLAY AGGREGATE SUPPLIED INTO THE TRAY UNTIL IT IS FLUSH WITH THE TOP OF THE BURNER TRAY.

LOCATE COAL GUARD.

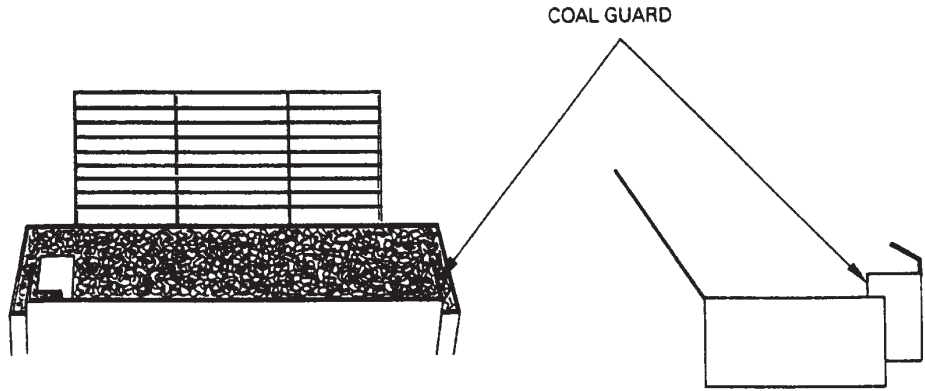


FIG. 11

DESN 511306

LOCATE 12 SMALL COALS AS SHOWN.

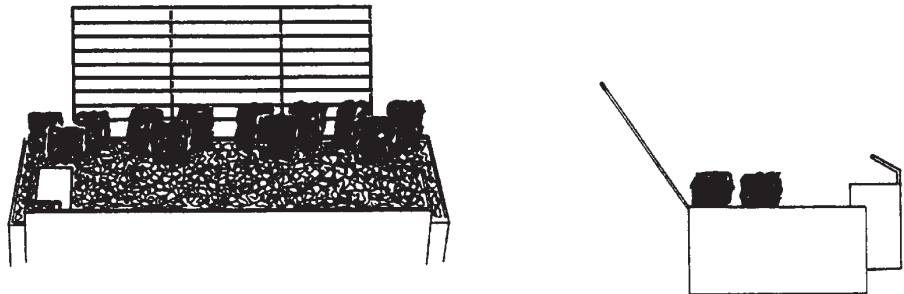


FIG. 12

DESN 511307

PLACE 4 LARGE COALS AS SHOWN.

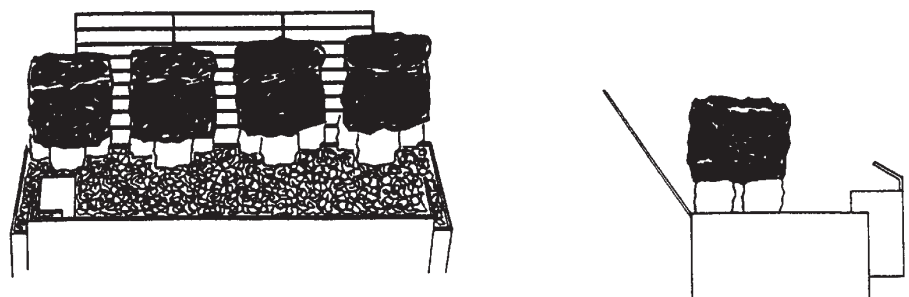


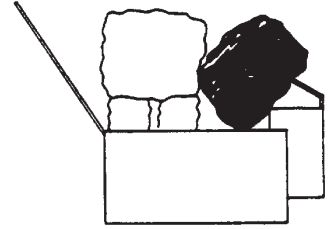
FIG. 13

DESN 511308

PLACE THE REMAINING 4
LARGE COALS AS SHOWN.



FIG. 14

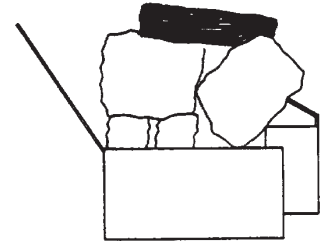


DESN 511309

PLACE THE 4 FINGER COALS
ON TOP OF THE LARGE
COALS AS SHOWN.



FIG. 15



DESN 511310

MAINTENANCE

If you require any of the below user replacement items or if you have any difficulty with the fire, consult your original supplier quoting the stove's name: Little Wenlock Gas Power Flue - (GS1iPF) - Serial number (found on Data Plate on inside of glass door).

Serial No;

The appliance should be serviced annually by a competent person (e.g. CORGI registered installer).

HEAT OUTPUT (GROSS)

Maximum Setting

NG

Output
4.62 kW

Maximum Setting

PROPANE

Output
3.96 kW

Minimum Setting

NG

Output
2.31 kW

Minimum Setting

PROPANE

Output
2.20 kW

REPLACEMENT ITEMS

These are available from your supplier, and such items which can be charged are:

ITEM	MAKERS PART NUMBER
Control Knob	HG4M999413
Coals Pack	HG4M410194
Aggregate Pack	TCLY410132
Door Tool	HS1M93003

**For further advice or information contact
your local distributor/stockist**

With Aga-Rayburn's policy of continuous product improvement, the Company reserves the right to change specifications and make modifications to the appliances described and illustrated at any time.



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