



The Exminster



Gas Stove
For Natural Gas and LPG

INSTALLATION, SERVICING AND USER INSTRUCTIONS

This product is for use only in Great Britain and Ireland (GB, IE)

These instructions are to be left with the customer, should be read carefully and kept in a safe place.

They will be necessary when servicing the appliance.

IMPORTANT

**THIS APPLIANCE MUST ONLY BE OPENED, INSTALLED AND SERVICED BY A
CORGI REGISTERED ENGINEER**

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Welcome to Yeoman

Your new Exminster gas stove is perhaps the most advanced design of modern stoves. Owning such a stove shows appreciation for exceptional quality.

Please read your manual thoroughly, it's purpose is to familiarise you with your stove, and give guidelines for it's installation, operation and maintenance. If after reading this manual you need further information, please do not hesitate to contact your supplier.

IMPORTANT NOTICE

If your stove is installed correctly, it will give you many years of excellent service for which it was designed. This appliance must be installed by a qualified installer, we recommend that you have a CORGI registered engineer to install your stove for you.

WARNING

All types of heating appliance can be potentially dangerous. Correct installation and operating procedures must be observed when fitting this stove. Some parts of your stove are protected on their surface with heat proof paint. When the stove is first used it is normal for it to emit some light smoke, with an unpleasant smell. Though unpleasant, this is non toxic and is produced only whilst the stove paint fully cures. We recommend that you ventilate the room until this disappears.

The fuel effect components in this stove are made from Refractory Ceramic Fibre. Please refer to service instructions on page 16 for safe handling and removal.

USERS INSTRUCTIONS

1. COMMISSIONING DATA

This information must be completed and signed by the installation engineer.

Flue correct for appliance	Yes / No
Type of Gas Supply	
Installation engineer	
Signature	
CORGI Reg No.	
Installation date	
Flow Rate is m ³ /h	
Meter pressure, all gas appliances on FULL	mbar
Meter pressure, stove on full only	mbar
Length and size of gas supply	
Have controls been upgraded	Yes / No

2. GUARANTEE

All Yeoman stoves are guaranteed for two years against faulty components from the date of purchase, subject to the following conditions:

- a) That the installation, and any additional work to either the flue or the combustion chamber is carried out by a suitably qualified person (e.g. CORGI registered for a gas stove or HETAS approved for a solid fuel stove).
- b) That the fireplace (if applicable) and flue installation conform to the relevant Building Regulations and British Standards.
- c) That the correct Yeoman Balanced Flue components are used on Yeoman Balanced Flue stoves.
- d) That Yeoman's instructions for installation, servicing and cleaning are followed. In particular, all stoves must be serviced at least annually to remain covered by the guarantee. Also the use of petro-coke in solid fuel stoves will invalidate this warranty.
- e) This guarantee does not cover wear and tear items, i.e. items that would normally need to be replaced from time to time. These include ceramic components, thermocouple, pilot assembly and ignition leads in the case of gas stoves and glass, firebricks, grates, log retainers, baffles and rope seal in the case of solid fuel stoves.
- f) This guarantee does not cover any faults arising from installations that do not conform to the manufacturer's instructions.
- g) To the extent permitted by law, this guarantee is limited to the cost of the replacement of the faulty part or the free of charge replacement of that part; and does not cover any further consequential losses arising.

- h) The completion and return of Stovax's Warranty Registration Card, which is supplied with your stove.

None of the above restrict your statutory rights.

For your records and to assist us in any guarantee claim please make a note of the Stockist from whom purchased:

Name _____

Address _____

Tel _____

Date Installed _____

Installed by: _____

Address _____

Tel _____

Model Type (see data badge) _____

Serial No. (see data badge) _____

We are pleased that you have chosen a Yeoman stove, which we hope will give you many years of pleasure. Please ensure that you read through your manual thoroughly, as its purpose is to familiarise you with your stove, and give guidelines for its installation, operation and maintenance. If after reading this manual you need further information then please contact your supplier.

USERS INSTRUCTIONS

3. SAFETY NOTES

The Exminster gas stove is designed to be used with either Natural Gas or LPG, however each individual appliance is only capable of using the gas specified on the data plate. It is important to note that once a gas type has been specified, the stove cannot be used with any other gas. The type of gas the stove is capable of burning is stated on the data plate located on the front of the stove, by the control knob, check that the appliance has been correctly supplied.

Installation of your Yeoman Stove must comply with current Building Regulations. Yeoman Stoves therefore recommend that a CORGI engineer be employed for this task. The engineer will provide you with information about the safety limits of the installation and should fix a notice plate in a place where it can be readily seen, eg: next to the electricity meter.

This appliance must never be operated with the doors open or removed, or if the glass is broken. This appliance is designed as an efficient heating device and consequently all body parts of the stove become very hot in use. Except for the control knob and control access door, which are designed to stay cool, all other parts are working surfaces and should not be touched.

The glass and door on this appliance act as a fireguard conforming to BS:1945 – 1971 and satisfies the Heating Appliance (Fireguards) Regulations 1991. No part of the glass or door should be permanently removed. It does not give full protection for young children or the infirm, extra protection conforming to BS 6539 or BS 6778 should be considered for these conditions.

Bearing in mind that the heat given off by this appliance may affect articles placed close to it, curtains should not be placed within 300mm.

The appliance is not designed as a dryer. It is not therefore recommended that the appliance be used in such a manner. Do not place any articles within 300mm of the stove as this may result in damage to the articles.

4. OPERATING THE STOVE

IT IS VERY IMPORTANT TO READ THESE INSTRUCTIONS THOROUGHLY BEFORE LIGHTING THE STOVE.

The stove will produce an odour and/or smoke for the first few hours of use when new. Please ventilate the room when first lighting from new.

This appliance incorporates an O.D.S (Oxygen Depletion Sensor) in the pilot assembly on the burner, which is non-adjustable.

Its purpose is to monitor the air condition in the room and cut off the gas to the appliance before the air condition in the room reaches any harmful levels.

The O.D.S must only be replaced with Yeoman original parts.

The controls for the stove are located behind the access door positioned under the front of the stove. To access, open the door by pulling from the right hand side.

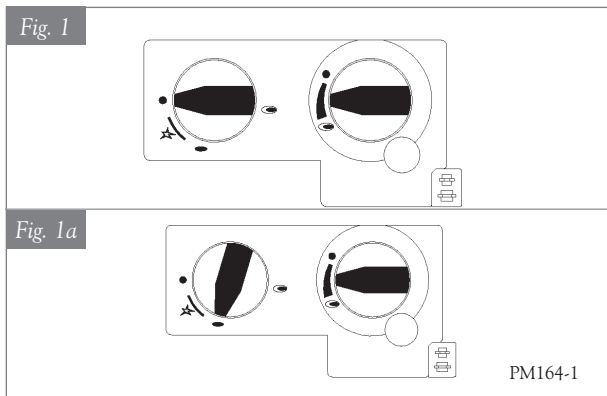
The Exminster operates with a permanent pilot light. The pilot light is located in the centre of the burner and is visible through a cut-out in the ceramic matrix. If the Flame Supervision Device Actuating Flame (the Pilot Light) is extinguished either by intention or not, no attempt should be made to re-light until 3 minutes have elapsed.

Important: Immediately after lighting, the stove must be left on HIGH for ten minutes in order to warm up the flue.

4.1 REMOTE CONTROL (MANUAL OPERATION)

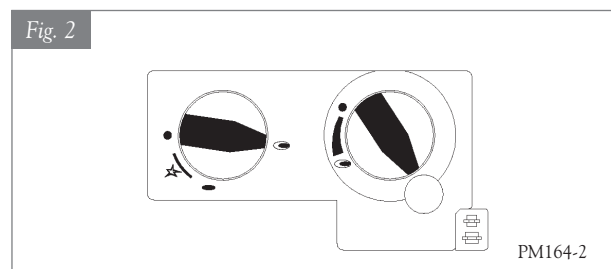
a) Igniting the Pilot Light

1. Turn the left hand knob slightly anti-clockwise towards the ignition position until reaching stop, depress and hold for five seconds (only pilot gas flows). See Fig. 1.
2. Whilst still depressed, turn further in a anti-clockwise direction to activate the piezo. If the pilot does not light, steps 1 and 2 can be repeated immediately.
3. Continue to keep the knob depressed for a further 10 seconds, after the pilot has been lit.
4. Upon releasing the knob, the permanent pilot will remain lit, if not return to 1.



b) Running the stove at high output

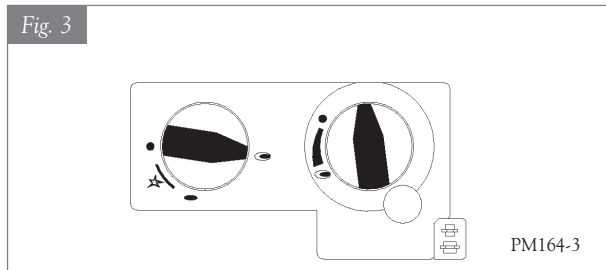
1. Ignite permanent pilot as shown in Fig.1a.
2. Turn the left-hand control knob anti-clockwise to the setting, which shows the larger flame. See Fig. 2.
3. Turn the right-hand control knob anti-clockwise to the highest setting (large flame).
4. The stove is now burning at it's highest operating output.



USERS INSTRUCTIONS

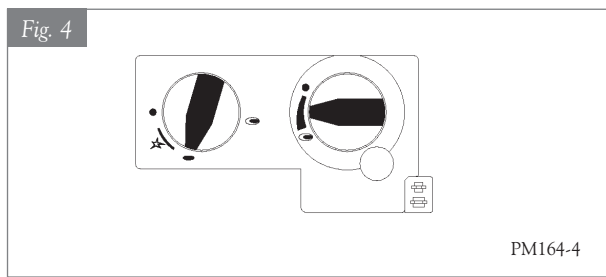
c) Running the stove at low setting

1. Ignite permanent pilot and run stove at "HIGH" setting for a minimum of 10 minutes as shown in Fig. 2.
2. With the right-hand control knob at the highest setting, rotate in a clock-wise direction to the lowest setting (filled circle). See Fig. 3.



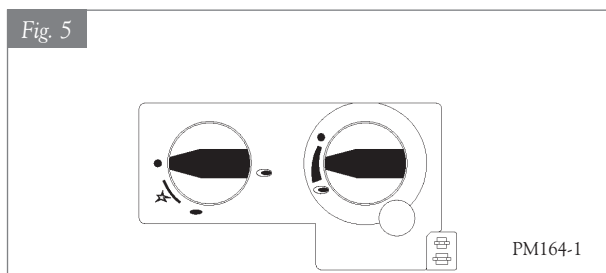
d) Extinguishing the stove back to permanent pilot setting

1. From any heat setting, turn the left-hand knob in a clockwise direction to the "PILOT" position (a smaller flame is shown). See Fig. 4



e) Extinguishing the stove fully

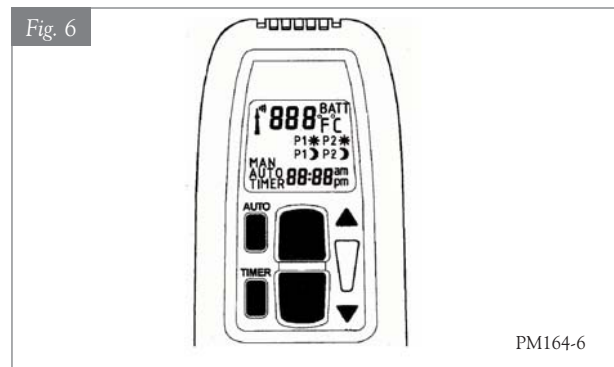
1. From any heat setting, turn to "PILOT" as in Fig 4.
2. Depress the same knob slightly and turn clockwise to "OFF" position (filled circle). See Fig. 5.



5. TWIN ROTARY CONTROL with OPTIONAL REMOTE

Light the pilot as described in section 4.1a. Turn left hand control anti-clockwise until it is on the large flame setting. You are now able to use the remote control. To increase the flame, the top button should be pressed. Pressing the lower button on the handset will reduce the flame. It is also possible to turn the main burner all the way down so that it is effectively off, leaving only the pilot ignited.

5.1 TIMER REMOTE CONTROL



TRANSMITTER FUNCTION

SET THE DISPLAY

After connecting the battery or by simultaneously pressing AUTO and TIMER, the display flashes. You are in set mode.

From set mode, press AUTO to switch from Degrees F (and 12 hour clock) to degree C (and 24 hour clock) or vice versa.

The display will automatically return to manual mode after some time, but you may immediately return to manual by depressing the TIMER button.

SET THE CURRENT TIME.

After connecting the battery or by simultaneously pressing AUTO and TIMER, the display flashes. You are in set mode.

From set mode, press ▲ to set the hour and ▼ set the minute.

Wait or press TIMER to return to "manual" mode.

PROGRAMMING THE DESIRED SET TEMPERATURE

Press AUTO until the display flashes.

Press ▲ or ▼ to set the desired temperature.

Wait or press AUTO to switch to automatic mode.

A sensor in the transmitter measures room temperature. The controller compares the room temperature with the set temperature and sends a signal to the receiver to turn the gas valve motor, which adjusts the flame height accordingly.

PROGRAMMING THE TIMER

Press TIMER until P1* flashes (period 1, heating cycle on).

Set the time for the beginning of the first heating period by pressing ▲ for hour and ▼ for minute.

Press TIMER again; P1) appears.

Set the time for the end of the first heating period.)

USERS INSTRUCTIONS

Press **TIMER** again to set the second heating period
P2* heat on and P2 (heat off)

Store both heating periods by pressing **TIMER** again.

If only one period is desired, program the same time for
P2* and P 2.)

MANUAL MOD(MAN IN DISPLAY) FOR MANUAL FLAME HEIGHT ADJUSTMENT.

Press ▲ to turn on the fire (main burner) or to
increase flame height. Press ▼ to decrease flame or to
turn down to pilot.

To incrementally increase or decrease the flame height
lightly tap either the ▲ or ▼ button.

The “send” symbol appears in the upper left corner of
the display when either button is depressed.

The LED of the receiver flashes when the larger knob
of the valve reaches its end stops.

AUTOMATIC MODE (AUTO IN DISPLAY) FOR TEMPERATURE CONTROL

Briefly press **AUTO**. The set temperature will appear
briefly before the display reverts to the room
temperature.

TIMER MODE (TIMER IN DISPLAY)

During heating periods P1* and P2*, the
temperature is controlled in the same manner as in
automatic mode.

When the timer programme turns to) (heating cycle
off), the motor will turn the valve to the pilot and there
is no temperature control. This minimises battery
consumption.

You may press **AUTO** to verify the set-temperature and
then press **TIMER** to return to timer mode

You may press either the ▲ or ▼ button from any
mode for manual override.

To prolong battery life, we recommend switching the
transmitter to manual mode and turning the fire to pilot
with the ▼ button before turning the appliance off. If
the transmitter is left in automatic or timer mode, the
batteries will continue to be used when the appliance is
off.

CHANGING THE BATTERY

If **BATT** appears in upper right hand corner of the
display or if the LED of the receiver becomes faint,
please change the battery from the transmitter or
receiver. If the batteries lose power, the flame height
can be adjusted by manually turning the larger knob.

NOTE

Please note, the placement of the transmitter
(temperature sensor) is important to assure proper
temperature regulation. Generally, a more constant
temperature will be assured, if the transmitter is not too
far from the gas appliance. Before switching to **AUTO**
or **TIMER** mode, press either button ▲ or ▼ to verify
reception (when the send symbol appears in the

transmitter display, the receiver's LED must illuminate)
For the **AUTO** or **TIMER** mode to function correctly,
the transmitter must remain within range of the
receiver. The transmitter should not be used in very
close proximity to the receiver (less than 1m/3ft) as this
could, in very rare cases, produce a electronic switching
error. This error could block the motor when the larger
knob reaches the end points of its turning radius. The
knob must then be turned manually to free the
blockage.

The temperature is controlled by activating the motor
for a specific length of time to adjust the appropriate
flame height. This time is calculated by the transmitter
and depends on variables such as room size, heater
capacity, battery power etc. Therefore, a few cycles are
necessary before an optimum is achieved. If a low flame
is sufficient to provide enough warmth to the room,
then the appliance will cycle between low fire and off.
This allows longer periods with the flame on and
provides a more uniform room temperature.

It is recommended to turn the combination control
either to the off or pilot position if the appliance is left
unattended for longer periods (eg. Holidays), so that it
cannot receive commands from the remote transmitter.
Exercise caution when leaving the appliance
unattended, in exceptional cases sound waves from
sources other than the transmitter can cause changes in
flame height adjustment.

6. VENTILATION

The Exminster gas stove is rated at less than 7 kW; it
therefore does not normally require additional
ventilation in the room to conform to BS 5871 pt.2.
However it is important that adequate air for complete
combustion is available, and also if other gas appliances
or extractor fans are fitted in the same room or adjacent
rooms, refer to BS 5440: pt.2. to ascertain the
additional ventilation requirements.

USERS INSTRUCTIONS

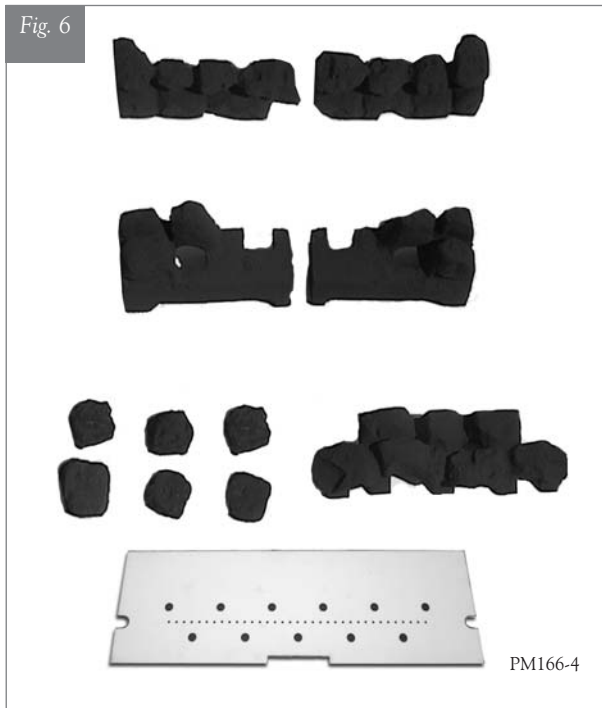
7. ARRANGING THE LAYOUT OF THE COALS

Only the ceramic coals supplied with this appliance are to be used. The coals must be laid only as shown on the following pages.

Replacement coals, ceramic and mat are available from your dealer.

The parts required for the fuel effect layout are listed below: See Fig. 6 to identify components.

1	Front Matrix left
1	Front Matrix right
1	Rear Matrix left
1	Rear Matrix right
1	Top centre Matrix
5	Small Ceramic Coals
1	Large Ceramic Coal
1	Ceramic Mat



8. PROCEDURE FOR ARRANGEMENT

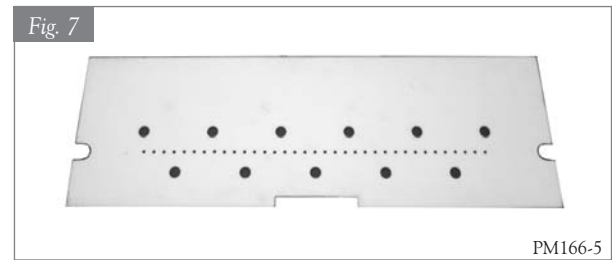
Ensure that the Pilot Assembly remains unobstructed when arranging the matrix and coals.

Note that there is a viewing slot in the front matrix such that the Pilot Flame will be visible when lit, this must also be kept clear.

Please note that once the stove is lit, the coals become very hot, care must be taken when adjusting coals after the appliance has been lit and Yeoman Stoves accept no responsibility for any injury sustained whilst handling hot ceramics.

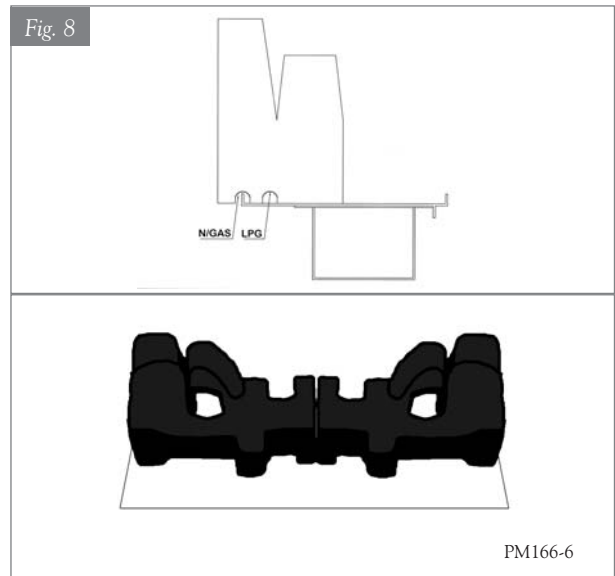
STAGE 1

Lay the Ceramic Mat on top of the Burner as shown in Fig. 7 making sure that all holes including the small cross lighting holes are not blocked, and that the pilot assembly is not obstructed.



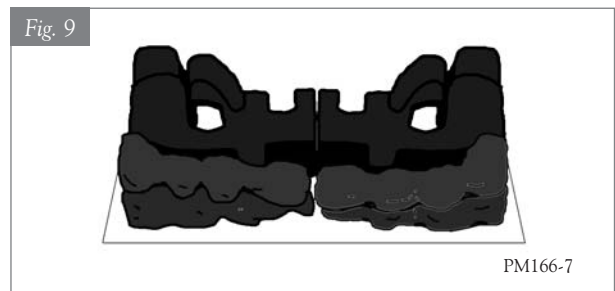
STAGE 2

Place the rear left & right matrices on top of the mat and burner as shown in Fig. 8, the matrices should be placed with the rear underside slot locating over the back of the burner **Nat Gas**, or the front slot located over the back of the burner for **L.P.G.**



STAGE 3

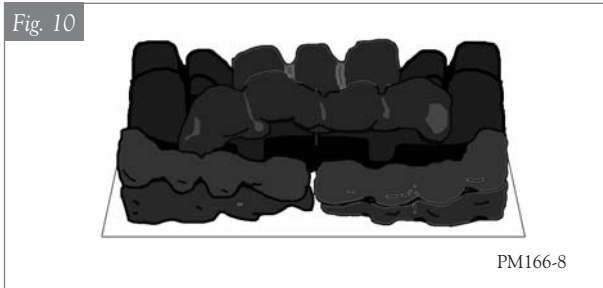
Place the front left & right matrices as shown in Fig. 9, noting that the matrices are with the locating lugs on the under side against the front edge of the burner tray, ensuring that where the two front matrices meet is directly above the centre of the pilot head. Note that the burner holes must still be visible after the front matrices are in position.



USERS INSTRUCTIONS

STAGE 4

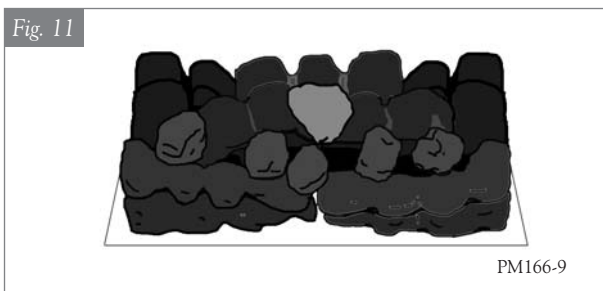
Position the top centre matrix as shown in Fig.10, noting that on Natural Gas appliances the Top Matrix is pulled right forward to touch the front matrix, for LPG it should be positioned back from the front matrix supported on the two protruding extensions.



Note that there is a larger air space between the front and rear matrix for LPG.

STAGE 5

Place the 5 small Ceramic Coals across the front and the one larger coal in the central position as shown in Fig. 11, locating the coals into the cutouts in the matrices.



11. ARRANGING THE LAYOUT OF THE LOGS

Only the ceramic Logs supplied with this appliance are to be used. The Logs must be laid only as shown on the following pages.

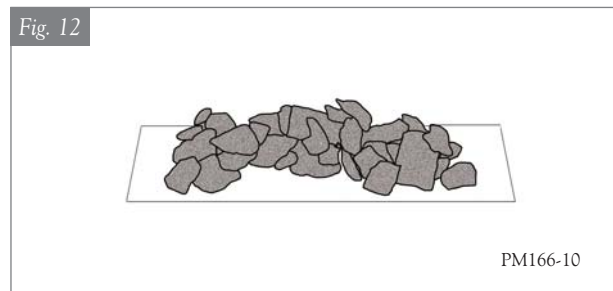
Replacement logs and ceramic mat are available from your dealer, but should only be installed by a CORGI registered engineer.

The parts required for the log layout are listed below:-

1	Ceramic Mat
1	Bag of Embers
1	Left Rear Log
1	Right Rear Log
1	Large Centre Log
1	Centre Front Log

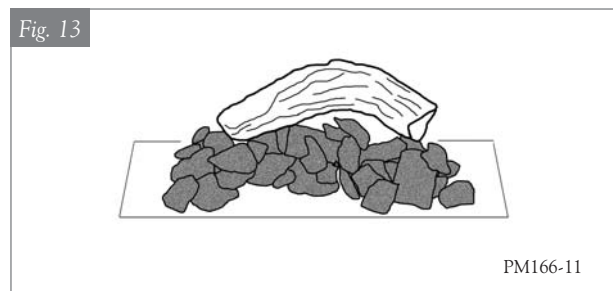
STAGE 1

Lay the embers on top of the white ceramic mat as shown in fig 12. Making sure the pilot is not covered.



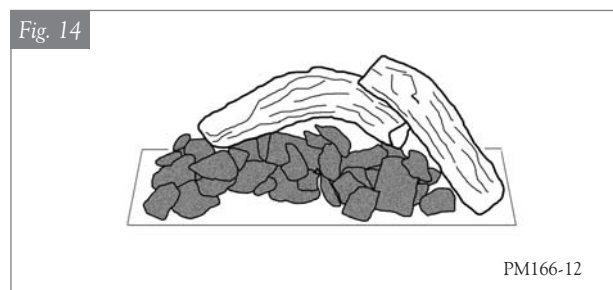
STAGE 2

Place the large centre log at the back of the burner as shown in fig. 13.



STAGE 3

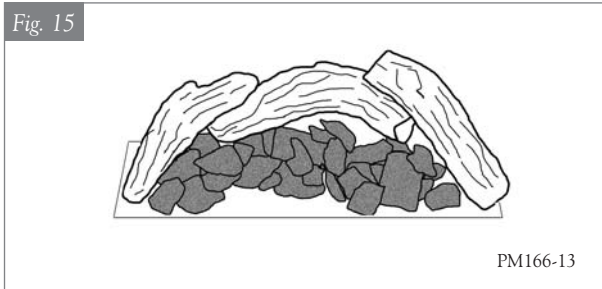
Lay the right rear log as shown in fig. 14.



USERS INSTRUCTIONS

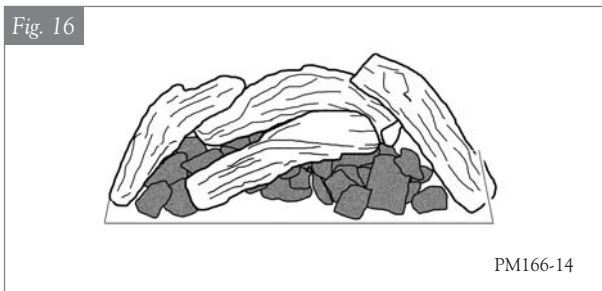
STAGE 4

Lay the left rear log as shown in fig. 15.



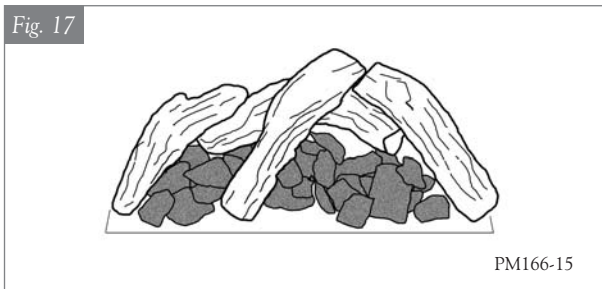
STAGE 5A (LPG ONLY)

For **LPG** appliances place the front centre log as shown in fig. 16.



STAGE 5B (NATURAL GAS ONLY)

For **Natural Gas** appliances place the front centre log as shown in fig. 17.



INSTALLATION INSTRUCTIONS - TECHNICAL SPECIFICATIONS

1. LIST OF COMPONENT PARTS FOR THE EXMINSTER GAS STOVE.

1 No. | Stove body complete with burner.

COALS		LOGS	
1	Front Matrix left	1	Rear Centre log
1	Front Matrix right	1	Left Rear log
1	Rear Matrix left	1	Right Rear log
1	Rear Matrix right	1	Centre Front log
1	Top centre Matrix	1	Bag of embers
5	Small Ceramic Coals		
1	Large Ceramic Coal		
1	Ceramic mat		

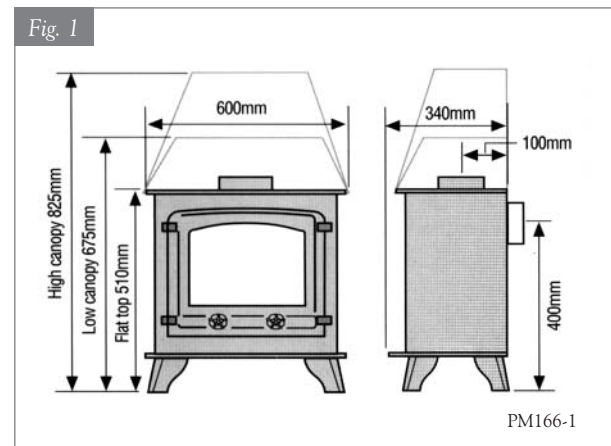
1 No. Flue fixing kit comprising of:

1	125mm Bolt on flue Connector
1	Flue Blanking plate
2	Flue gaskets
6	M6x20 set screw
3	M6 standard washers
1	Instruction manual

Prior to commencement of installation of the appliance, the flat top or canopy which has been fitted for transportation must be removed.

This is achieved by opening the appliance door(s) and then removing the two M8 nuts and washers located in the top of the stove

2. DIMENSIONS OF STOVE.



3. TECHNICAL INFORMATION

Inlet pipe connection:	8mm compression.
Chimney Requirements:	Class I or Class II
Flue fitting:	5" diameter Top or Rear outlet
Flue monitor:	Oxygen Depletion Sensor (ODS)
Stove control:	Front mounted variable rotary gas control with integrated Piezo Ignition, Permanent Pilot Facility, Flame Failure Device and Flue Monitor. OR as above with Remote Control Option
Battery type (Remote version)	Receiver - 4x AA (Alkaline only) Transmitter - (Alkaline only), 1 x PP3.
NOx level:	Class 5 (i.e. below 100 mg/kWh)

	I/H/G20 Natural Gas	I/P/G31 Propane	I3+/G30 Butane
HEAT INPUT	6.1 kW	5.7 kW	6.0 kW
SUPPLY PRESSURE	20 mbar	37 mbar	29 mbar
GAS RATE	0.58 m ³ /h	0.21 m ³ /h	0.17 m ³ /h
INJECTOR	400	160	160

4. SAFETY NOTES

This appliance incorporates an ODS (Oxygen Depletion Sensor) on the pilot assembly on the burner, which is non adjustable. The ODS shall not be adjusted by the installer, or put out of operation.

Its purpose is to monitor the air condition in the room and cut off the gas to the appliance before the air condition in the room reaches any harmful levels.

The ODS or any of its parts must only be replaced with genuine Yeoman parts.

INSTALLATION INSTRUCTIONS - SITE REQUIREMENTS

1. FLUE REQUIREMENTS.

The flue which the appliance is to be attached must conform to BS 5440 2000:pt.1. Before the appliance is installed, the flue system or chimney must be inspected and passed as suitable.

This stove is suitable for installation onto either flexible or fabricated steel flue systems and is also suitable for class 1 chimneys, when fitted with vertical closure plate, pre-cast flues, pre-cast chimney block, pre-cast flue block and ridge tile vent. The minimum effective height of the flue must be three metres measured from the hearth to the termination of the flue. If the flue has any non-vertical sections, the height should be increased in line with BS 5440 pt.1. Prior to installation, the installer should ensure that the flue is free from obstruction, ideally should be swept and subsequently smoke tested. Ensure that any dampers are fixed in a permanently open position. The appliance has been designed with a built in draught diverter, and as such no further draught diverter need be fitted to the flue system.

NOTE: If it is intended to fit the stove into an existing brick built chimney without a closure plate, a 5" (127mm) liner must be used. Larger lined flues may work, but in some instances could cause cold start flue problems resulting in nuisance shutdown. Lined flues above 7" (175mm) are not recommended.

Prior to installation a smoke test must be carried out to ascertain that there is sufficient draught in the flue for safe operation of the stove.

2. FLUE CONNECTION

The Exminster stove may be installed as either top or rear flue, and as such comes with all relevant parts to enable connection of flue to either flue system.

If the appliance is to be installed as a Top Flue, place 1 of the flue gaskets on the top flue position. Using 3 M6 set screws and M6 washers attach the flue connector and tighten up to ensure that the gasket is fully sealing and is airtight. Repeat this operation on the back plate with the flue blanking plate (with 3 holes drilled) and 3 M6 set screws; once again ensuring that the gasket enforces a good seal and is air tight. This will leave the Flat Top Flue Blank (no holes); this part is redundant and may be disposed of.

If the stove is to be fitted as a rear flue, the same procedure as above should be followed but with the Flue Connector and Flue Blanking Plate reversed. If fitted as Rear Flue then the Flat Top Flue Blank will sit on top of the screw holding the Flue Blanking Plate and will then sit flush with the Top plate.

It is recommended that a minimum height of 610 mm from the stove should be established before any significant changes in direction of the flue. Horizontal or negative gradients in the flue pipe are to be avoided.

The flue system may now be connected to the stove; this should be sealed using a fire resistant sealant.

Please note that all flue systems should be installed in accordance with the flue manufactures recommendations and BS5871:pt.1.

When installing the flue in properties of timber framed construction, the regulations (BS 5440:Part 1:2000) must be adhered to.

3. VENTILATION

The Exminster gas stove is rated at less than 7 kW; it therefore does not normally require additional ventilation in the room to conform to BS 5871 pt.2. However it is important that adequate air for complete combustion is available, and also if other gas appliances or extractor fans are fitted in the same room or adjacent rooms. Refer to BS 5440: pt.2. to ascertain the additional ventilation requirements.

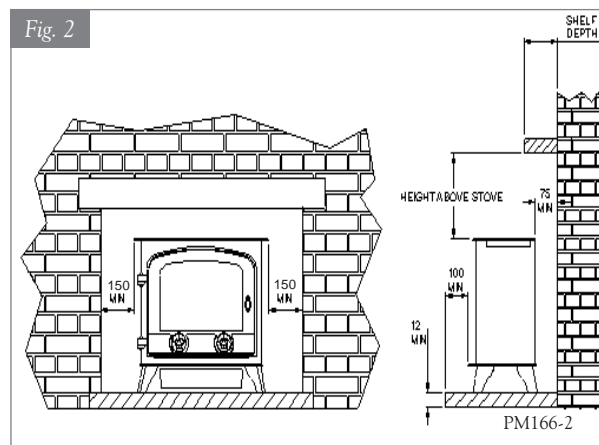
4. LOCATING THE APPLIANCE

The appliance must stand on a fireproof hearth, which is manufactured of a non-combustible material with a minimum thickness of 12 mm and must extend to at least the lip of the stove.

The appliance must not be fitted against a rear wall constructed from a combustible material. A minimum gap of 280 mm should be given all round the stove before combustible materials may be used in the wall construction. There must be a minimum of 75mm clearance behind the stove measured from the rear edge of the draft diverter to any non combustible surface.

If the appliance is located in an opening, there must be a minimum of 150mm each side of the appliance and 75mm to the rear measured from the rear edge of the draft diverter.

A combustible shelf may be fitted over the appliance, if in the case of a 150 mm or less deep shelf, there is at least 280 mm clearance above the top of the stove. The shelf depth may increase at the same rate as the increase in clearance; i.e. a shelf depth of 200 mm would require a clearance of 330 mm.



INSTALLATION INSTRUCTIONS - INSTALLATION

1. GAS CONNECTION

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

It is important to ensure that all pipe work installed is fitted in accordance with BS6891 and is capable of supplying sufficient gas flow and pressure to meet the minimum pressures quoted on page 10 of this manual. A minimum pipe size of 15 mm should be used for the gas supply to within 1 metre of the appliance. 8 mm pipe may only be used for the final connection to the stove, or within 1 metre of the appliance. An 8 mm nut and olive is supplied with the stove for the final pipe joint. A length of formed pipe is supplied with the stove and test point elbow (with isolation valve), please fit as desired and check soundness before final positioning of the appliance.

Do not make any connections to the appliance until all supply pipes have been purged to expel any dust or debris. Failure to do this may result in a blocked injector or tap and will invalidate the guarantee.

Although a gas soundness test is made on all appliances before they leave the factory, the appliance must be tested for soundness before operating the stove. This is to ensure that the burner has not been damaged in transit.

The Exminster gas stove is designed to be used with either Natural Gas or LPG, however each individual appliance is only capable of using the gas specified at the time of purchase. It is important to note that once a gas type has been specified, the stove cannot use any other gas. The type of gas the stove is capable of burning is stated on the data plate located on the front of the stove, by the control knob, check that the appliance has been correctly supplied.

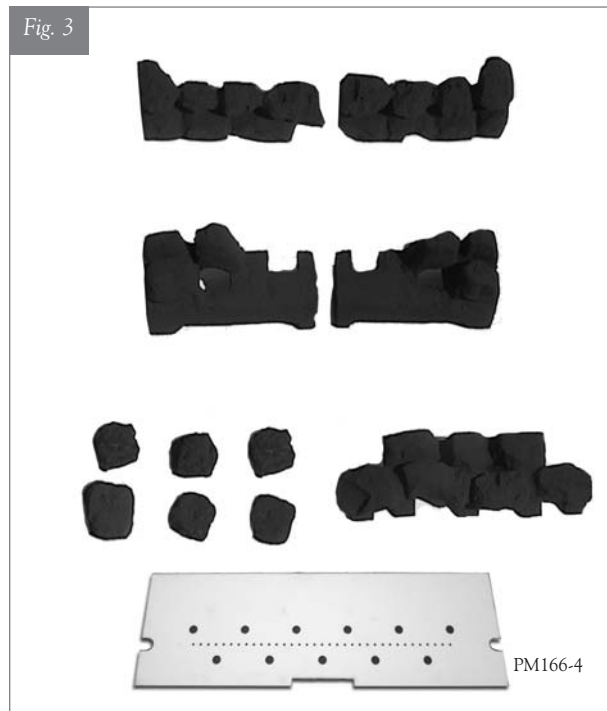
2. ARRANGING THE LAYOUT OF THE COALS

Only the ceramic coals supplied with this appliance are to be used. The coals must be laid only as shown on the following pages. Replacement coals, ceramic and mat are available from your dealer, but should only be installed by a CORGI registered engineer.

The parts required for the coal layout are listed below: See Fig. 19 to identify components.

1 x	Front Matrix left
1 x	Front Matrix right
1 x	Rear Matrix left
1 x	Rear Matrix right
1 x	Top centre Matrix
5 x	Small Ceramic Coals
1 x	Large Ceramic Coal
1 x	Ceramic Mat

Fig. 3



3. PROCEDURE FOR ARRANGEMENT

Ensure that the Pilot Assembly remains unobstructed when arranging the coals.

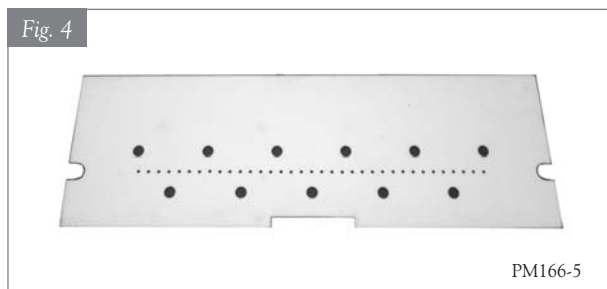
Note that there is a viewing slot in the matrix such that the Pilot Flame will be visible when lit, this must also be kept clear.

Please note that once the stove is lit, the coals become very hot, care must be taken when adjusting coals after the appliance has been lit and Yeoman Stoves accept no responsibility for any injury sustained whilst handling hot ceramics.

STAGE 1

Lay the Ceramic Mat on top of the Burner as shown in Fig. 4 making sure that all holes including the small cross lighting holes are not blocked, and that the pilot assembly is not obstructed.

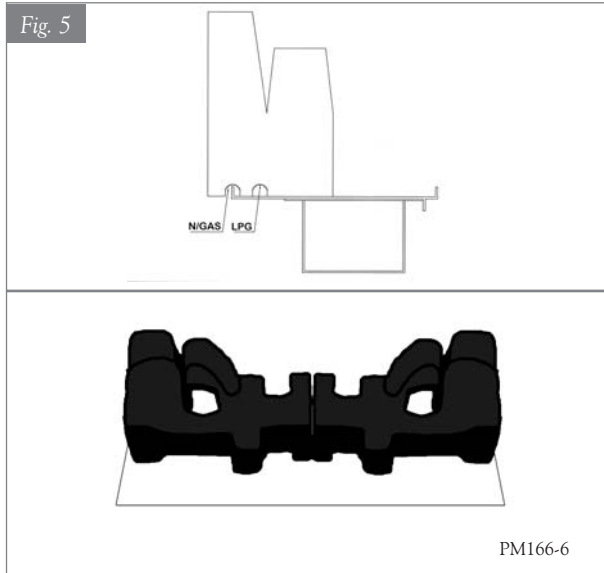
Fig. 4



STAGE 2

Place the rear left & right Matrices on top of the mat and burner as shown in Fig. 5, the matrices should be placed with the rear underside slot locating over the back of the burner (Nat Gas) and the front slot located over the burner lip (L.P.G).

INSTALLATION INSTRUCTIONS - INSTALLATION



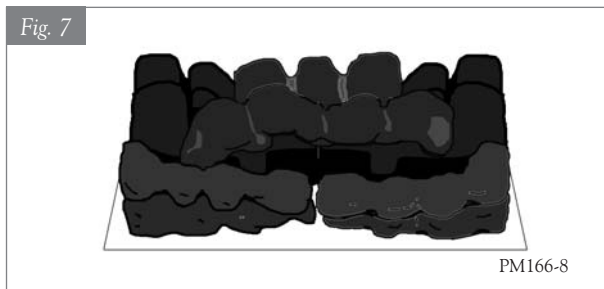
STAGE 3

Place the Front left & right Matrices as shown in Fig. 6, noting that the front matrices are positioned with the locating lugs on the under side against the front edge of the burner tray. Ensure that where the two front matrices meet is directly above the centre of the three flame pilot head. Note that the burner holes must still be visible after the front matrices are in position.



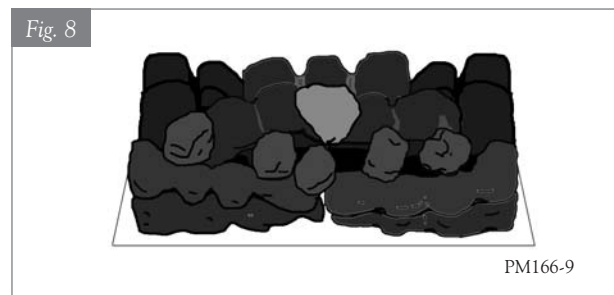
STAGE 4

Position the Top middle Matrix as shown in Fig.7, noting that on Natural Gas appliances the Top Matrix is pulled right forward to touch the front matrix, for LPG it should be positioned back from the front matrix supported on the two protruding extensions. Please note that there is a larger air space between the front and rear matrix for LPG.



STAGE 5

Place the 5 small Ceramic Coals across the front and the larger coal in the central position as shown in Fig. 8, locating the coals into the cutouts in the Matrices.



3. ARRANGING THE LAYOUT OF THE LOGS

Only the ceramic Logs supplied with this appliance are to be used. The Logs must be laid only as shown on the following pages.

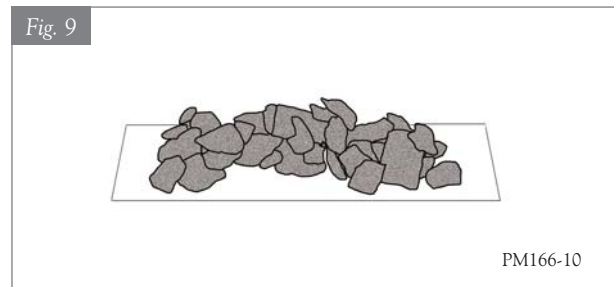
Replacement logs and ceramic mat are available from your dealer, but should only be installed by a CORGI registered engineer.

The parts required for the log layout are listed below:-

1x	Ceramic Mat
1x	Bag of Embers
1x	Left Rear Log
1x	Right Rear Log
1x	Centre Front Log
1x	Large Centre Log

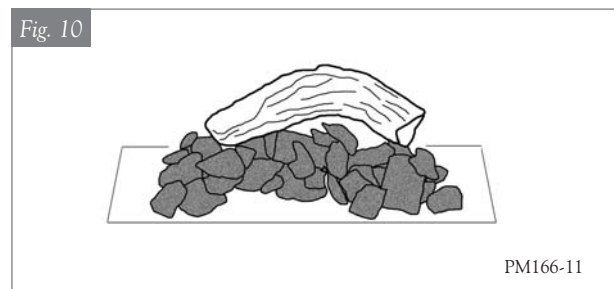
STAGE 1

Lay the embers on top of the white ceramic mat as shown in fig 9. Making sure the pilot is not covered.



STAGE 2

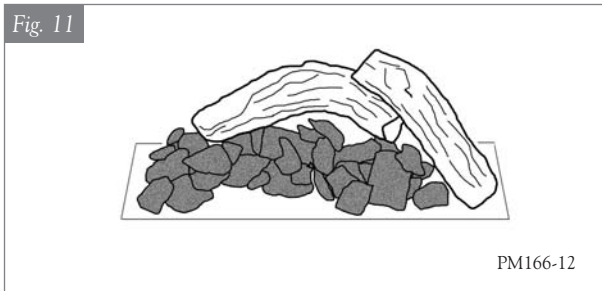
Place the large centre log at the back of the burner as shown in fig. 10.



INSTALLATION INSTRUCTIONS - INSTALLATION

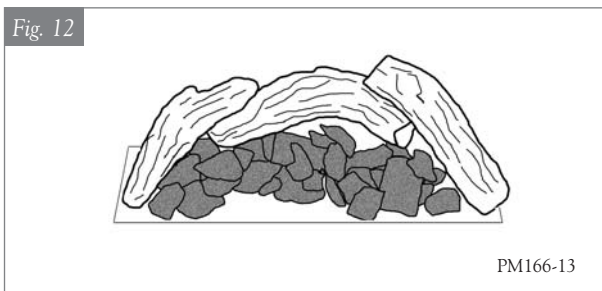
STAGE 3

Lay the right rear log as shown in fig. 11.



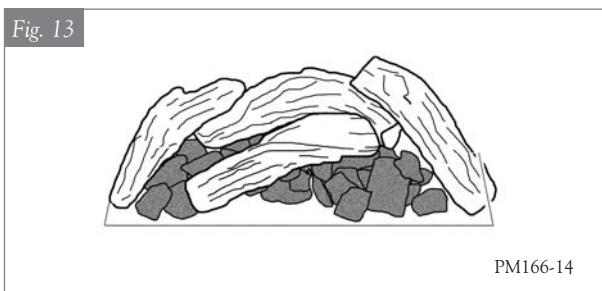
STAGE 4

Lay the left rear log as shown in fig. 12.



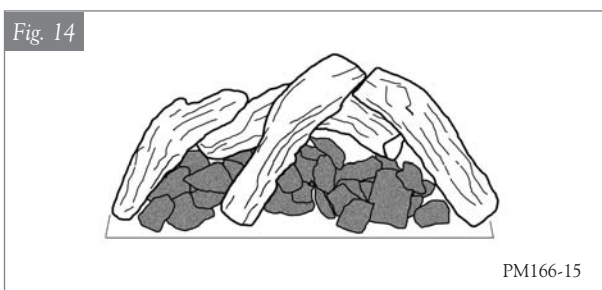
STAGE 5A (LPG ONLY)

For LPG appliances place the front centre log as shown in fig. 13.



STAGE 5B (NATURAL GAS ONLY)

For natural gas appliances place the front centre log as shown in fig. 14.



4. OPERATING THE STOVE

SEE USERS SECTION

5. FITTING THE CANOPY

All Exminster gas stoves are supplied with bolt on top options. The tops are fixed to the stove body using two M8 nuts and M8 penny washers.

First place the top (either Flat Top or Canopy) on to the body, locating the studs on the underside of the canopy through the holes in the top of the stove. Apply the washer and nut from the inside top of the stove, whilst the doors are still open, to fix the top and seal the appliance.

It is important to check that these nuts are tight and that no spillage can occur, a smear of fire sealing compound should be used on the washer and nut, to guarantee the seal. The stove must be checked for leakage as part of the commissioning by the installer.

6. THE REMOTE CONTROL

Refer to installation instructions supplied with remote control unit for fitting motor and receiver.

This requires no external power to operate.

The receiver unit can be hidden under or behind the appliance, ensure that the receiver is located in an area that has a temperature below 60°C, and that the customer knows where the receiver is for future battery replacement.

INSTALLATION INSTRUCTIONS - COMMISSIONING INSTRUCTIONS

1. COMPLETING THE INSTALLATION

THE APPLIANCE MUST NEVER BE OPERATED WITH THE DOOR REMOVED OR GLASS BROKEN.

When the coils and matrices have been arranged as shown in section 3, the door(s) must be closed and a good seal achieved, using the supplied washer and nut. Finally, the cast knob should be screwed onto the same bolt as the nut. This can then be tightened up with orientation either horizontal or vertical, noting that it is not necessary to “wrench” this knob on tight. Ensure that the rope seal is forming a good seal around the door in all places.

2. APPLIANCE TESTING

The gas pressure to the appliance must be measured; this should be measured with all gas appliances after the gas meter operating on full, including the Exminster stove. It should be 20mb or 37mb +/-5%.

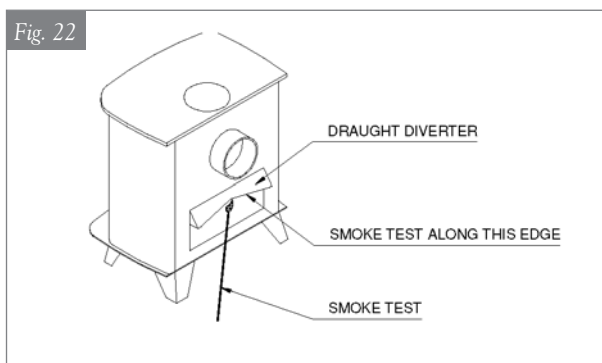
The flow rate should be checked using the method described in the CORGI Essential Gas Safety book. See Technical Specification section3. +/-5%. The above values are on “HIGH” and should be measured whilst all appliances are on full.

Carry out the test by first closing all doors and windows in the room containing the stove. Ensure the fire is burning at full rate for a minimum of 5 minutes to warm the flue.

3. COMMISSIONING THE STOVE

A spillage test **MUST** be made before the installed fire is left with the customer. Carry out the test by first closing all doors and windows in the room containing the stove.

Ensure that the fire is burning at full rate for a minimum of 5 minutes to warm the flue. Using a smoke match, run along the edge of a draught diverter as shown below in Fig. 22. The smoke should be drawn into the draught diverter. The test should be made over the full width of the draught diverter, and the test may be done from either left to right.



4. POST INSTALLATION CHECKS

Before leaving the appliance connected to the gas supply, the installer is required to visually examine the appliance and flueway to ensure that:

- The seal between the combustion chamber and the room is intact and in good condition.
- The flue has been correctly sealed.
- There is no debris contained within the flue assembly.
- All pipe work must be purged.

PLEASE EXPLAIN TO THE CUSTOMER THE LIGHTING AND EXTINGUISHING PROCEDURES

INSTALLATION INSTRUCTIONS - SERVICING AND FAULT FINDING

ADVICE ON HANDLING AND DISPOSAL OF FIRE CERAMICS

The fuel effect matrix and coals in this appliance are made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

Protective clothing is not required when handling these articles, but we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags labelled as RCF waste.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

Excessive exposure to these materials may cause temporary irritation to the eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

1. SERVICING INSTRUCTIONS

The following outlines only the minimum work that should be performed on an annual basis. This service work, like any other work on the appliance, must only be done by a qualified and competent engineer who is registered with CORGI.

- a) Open the door. This is achieved by first un-screwing the cast handle to reveal an M6 nut, un-screw the nut, and door will open.
- b) Remove all coals and matrix from top of burner.
- c) Remove ceramic mat from top of burner and discard.
- d) Remove any debris from the top of the burner using a vacuum cleaner and brush.
- e) Inspect the burner unit.
- f) Perform an ignition check.
- g) Perform a flame failure check
- h) There should be no need to service the burner. If however this is required, then the engineer should check the setting pressure at inlet to burner; the correct pressure is shown on the data information plate.
- i) **Fit new ceramic mat.** Brush off and replace coal arrangement as shown on pages 12-14, replacing any broken or damaged pieces.
- j) Check all seals on door (including glass) and close the Door.
- k) Check the installation for gas leaks.
- l) Check flue for clearance of products of combustion. If any parts need to be replaced use only genuine Yeoman parts, non-standard parts will invalidate the guarantee and may be dangerous.

2. TROUBLE SHOOTING

- A) **The gas pilot will not ignite or stay lit?**
 - i) Ensure the gas is turned on at the appliance and the meter/cylinder.
 - ii) Depress the control knob for at least twenty seconds once the pilot is alight to ensure the operation of the safety thermocouple valve.
 - iii) Ensure that the pilot injector is not obstructed or blocked and it is free from any dust or dirt.
 - iv) Ensure that the thermocouple has not been damaged in transit. This is a very delicate Electro-magnetic device.
 - v) On propane, the cylinder could be empty.
- B) **The pilot is not burning or performing correctly?**
 - i) Ensure the pilot flame is the correct size for the type of gas. The flame should be focused on the thermocouple probe.
 - ii) The pilot flame will have been set correctly in the factory.
- C) **The Main Burner does not seem to be burning correctly?**
 - i) Ensure adequate gas pressure to the appliance. The pressure can be checked by unscrewing the pressure test nipple and applying a suitable pressure gauge (i.e. a manometer). Ensure adequate volume of gas is being used. Once the fire is burning on maximum, turn off all other gas appliances in the house and calculate the fuel being burned from the gas meter.
 - ii) Make sure that the burner is burning correctly. The flame should be even across the top of the burner before any coals are placed on top.
- D) **Optional Remote Control will not function.**
 - i) Check PP3 battery in the handset is fully charged, if not, change battery. Check the four AA batteries in the receiver box are fully charged, if not, replace them.

3. SHORT SPARES LIST

Only original Yeoman parts may be used when replacing parts on this appliance.

Exminster Nat Gas & LPG Matrix Set	YM-YA75142
Exminster Nat Gas & LPG Log Set	YM-YA75542
Exminster Ceramic Mat	YM-YG75131
Exminster Mertik Gas Tap Nat Gas	YM-YG75304
Exminster Mertik Gas Tap LPG	YM-YG75305
Exminster Nat Gas Injector	YM-YG75077
Exminster LPG Injector	YM-YG14177
Exminster ODS Nat Gas Oxy Pilot Assy	YM-NG9043
Exminster ODS LPG Oxy Pilot Assy	YM-LPG9228
Mertik Ignition Lead	YM-GC0090
Remote Motor Unit	YM-EL0234
4 Sided Twin Door Glass 222x168mm	GL0240
Single Door Glass 384x237x974R	GL0241

SERVICE RECORD

1ST SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

6TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

2ND SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

7TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

3RD SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

8TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

4TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

9TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

5TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

10TH SERVICE

Date of Service:

Next Service Due:

Signed:

Dealer's Stamp/CORGI Registration Number

NOTES

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