

**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

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
C.O.R.G.I. REGISTERED ENGINEER**



Welcome To Yeoman

We are pleased that you have chosen our Exminster gas stove which has been designed for modern living.

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 gives 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. Ask 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.

CONTENTS

GENERAL SECTION

Dimensions of Stove _____	3
Technical Information _____	4
Safety Note _____	4
Flue Requirements _____	4

INSTALLER SECTION

Ventilation _____	5
Locating the Appliance _____	5
Flue Connection _____	5
Gas Connection _____	6
Appliance Testing _____	6
Arranging the Layout of the Coals _____	6
Arranging the Layout of the Logs _____	8
Completing the installation _____	8
Commissioning the Stove _____	9
Fitting the Flat Top/Canopy _____	8

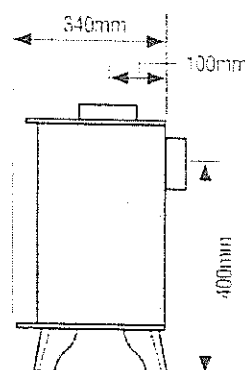
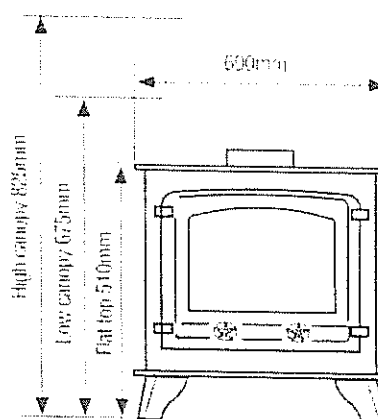
USER SECTION

Operating the Stove _____	9-13
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SERVICING SECTION

Servicing Instructions _____	12
Troubleshooting _____	13
Short Spares List _____	13
Commissioning Data _____	13

1. DIMENSIONS OF STOVE



2. 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)

NO_x level

Class 5 (i.e. below 100mg/kWh)

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 also incorporating, Flame failure device and flue monitor.

Battery type (Remote version)

Receiver - 4x (Alkaline only), AA,

Transmitter - (Alkaline only), PP3.

	GAS		
	L ₁ H / G20 NATURAL L	L ₁ P / G31 PROPANE	L ₁ + / G30 BUTANE
HEAT INPUT (Both Taps)	6.1 kW	5.7 kW	6.0 kW
SUPPLY PRESSURE (Both Taps)	20 mbar	37 mbar	29 mbar
GAS RATE (Both Taps)	0.58 m ³ /h	0.21 m ³ /h	0.17 m ³ /h
INJECTOR (Both Taps)	400	160	160

3. SAFETY NOTES

The Exminster Gas stove incorporates a Oxygen Depletion System (ODS). This is located on the burner unit of the stove, and must not be adjusted or tampered with by the installer. This Monitoring system must not be put out of operation, and if any parts require changing, only original manufacturer parts shall be used.

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 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. Taking particular notice of page 4

"thermal inversion" 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 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 window and frame on this appliance acts as a fireguard conforming to BS: 1945 – 1971 and satisfies the Heating Appliance (Fireguards) regulations 1991. No part of the window or frame should be permanently removed. **It does not give full protection for young children or the infirm.** extra protection should be considered for these conditions conforming to BS 6539 or BS 6778.

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

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. FLUE REQUIREMENTS

The flue which the appliance is to be attached must conform to BS 5440 1990: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 system and is also suitable for class 1, 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.

5. 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 area, then it will be necessary to refer to BS 6714 and BS 5440: pt.2. to ascertain the additional ventilation requirements.

6. LOCATING THE APPLIANCE

The stove must stand on a fireproof hearth, which must be 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.

If the appliance has to be located in an opening, there must be a minimum of 50mm each side of the appliance and 50mm to the rear measured from the rear edge of the draft diverter.

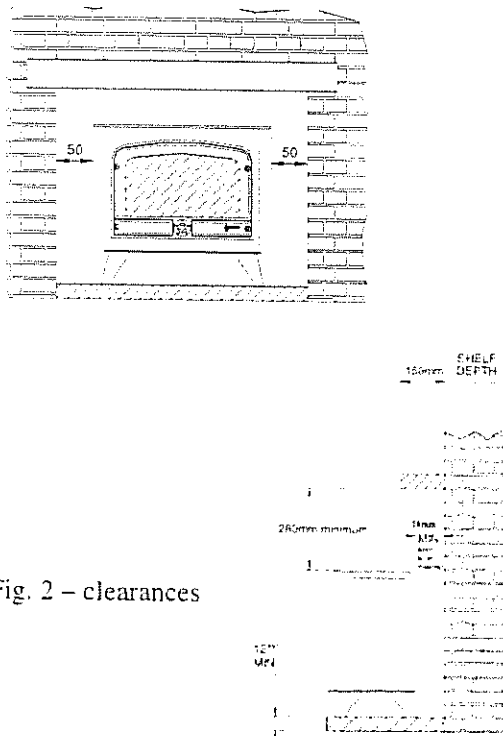


Fig. 2 – clearances

The stove must be located at least 280 mm from any combustible materials.

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.

7. 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. Hence, as well as the stove the following extra parts will be supplied:

- 1 No. 125mm Flue Connector
- 1 No. Flue Blanking Plate
- 2 No. Flue Gaskets
- 6 No. Set Screws + Washers
- 1 No. Flat Top Infill

If the appliance is to be installed as a Top Flue, place 1 of the gaskets on the top flue position. Using 3 set screws and 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); once again ensuring that the gasket enforces a good seal and is air tight. This will leave the Flat Top Infill (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 Infill will sit on top of the screw holding the Flue Blank 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.

8. GAS CONNECTION

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 in section 9 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, please fit as desired and check soundness before final positioning of the appliance. A gas supply tap must be installed in the supply pipework in a location that is easily accessible, such that the appliance may be isolated if necessary.

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.

9. 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 +/-5% for N.G or 37mb for LPG. The flow rate should be checked using the method described in the CORGI Essential Gas Safety book, cm³/hr as in section 2 +/-5%.

With the Remote Control version there are two pressure test points on the right hand side of the tap itself. The front tapping gives the standing pressures which must be as above.

The above values are on "HIGH" and should be measured whilst all appliances are on full.

10. 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 and ceramic mat are available from your dealer, but should only be installed by a qualified installation engineer.

The parts required for the coal layout are listed below: See Fig. 4 to identify components.

- 1 No. Rear Matrix (supplied in 2 parts)
- 1 No. Front Matrix (supplied in 2 parts)
- 1 No. Top Matrix
- 6 No. Ceramic Coals
- 1 No. Ceramic Mat

Please check that the correct parts and quantities have been delivered before commencing installation.

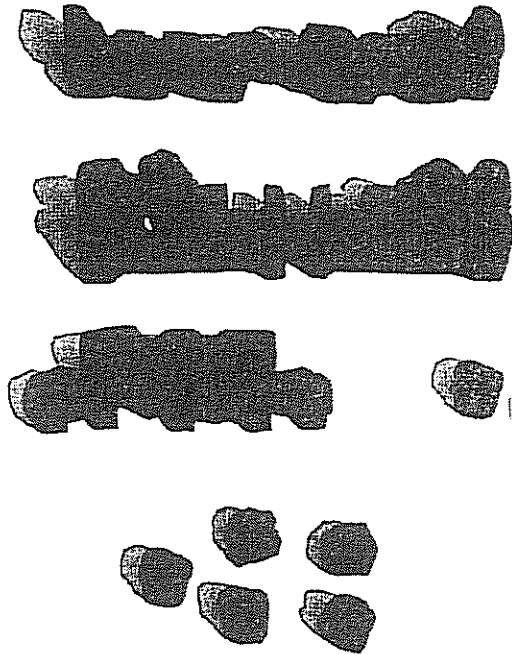


Fig. 4 – Loose parts necessary for coal layout.

10.1 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.

DO NOT TOUCH CERAMIC COALS WHEN HOT
Yeoman Stoves accept no responsibility for any injury sustained whilst handling hot ceramics.

Stage 1

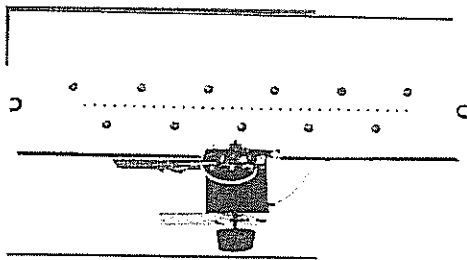


Fig. 5 – Ceramic Mat placement.

Lay the Ceramic Mat on top of the Burner as shown in Fig. 5 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. 6., 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). As shown in fig. 6a

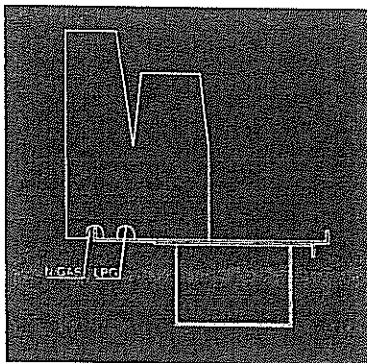


Fig. 6a

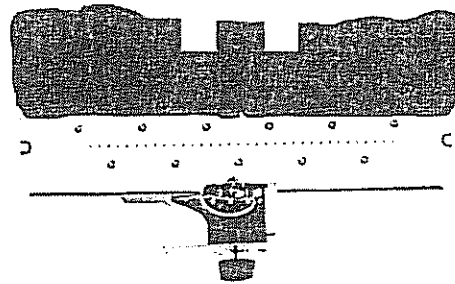


Fig. 6 – Rear Matrices placement.

Stage 3

Place the Front left & right Matrices as shown in Fig. 7., noting that the front matrix is positioned right forward on the burner. Please note that there are locating lugs on the under side of the front matrices to position it against the front edge of the burner top. Ensuring that where the two front matrices meet is directly above the centre of the three flame pilot head.

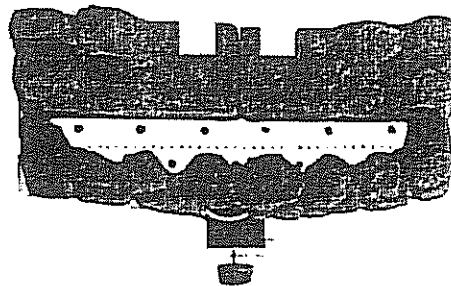


Fig. 7 – Front Matrices placement.

Stage 4

Position the Top middle Matrix as shown in Fig. 8., noting that on Natural Gas appliances the Top Matrix is pulled right forward to touch the front matrix, on 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.

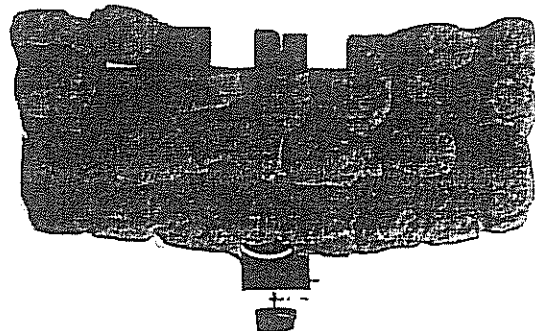


Fig. 8 – Top Matrix Placements.

Stage 5

Place the 6 Ceramic Coals as shown in Fig. 9, locating the coals into the cutouts in the Matrices.

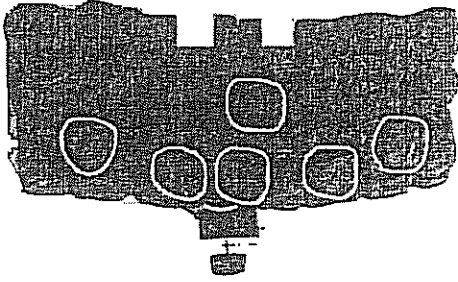


Fig. 9 – Coal placements.

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 qualified installation engineer.

- (i) Lay the embers on top of the white ceramic mat as shown in fig 1. Making sure the pilot is not covered

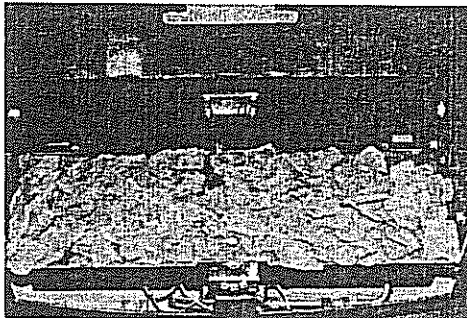


Fig. 1 Embers layout.

- (ii) Place the two rear logs at the back of the burner as shown in fig. 2

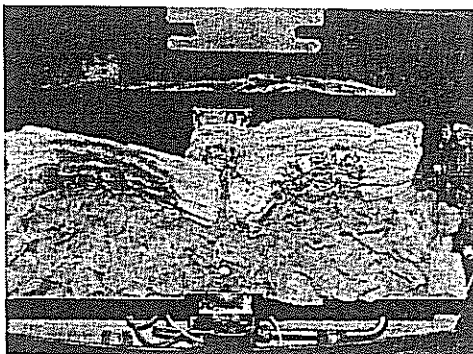


Fig 2. Rear log placement

- (iii) Lay the large centre log on the right rear log as shown in fig. 3



Fig 3. Centre log placement

- (iv) Lay the remaining two logs on the rear logs as shown in fig. 4

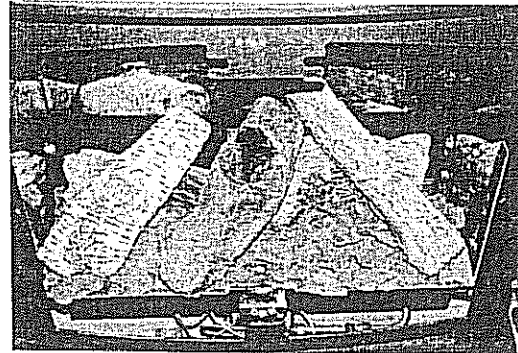


Fig. 4 Side log placement

12. COMPLETING THE INSTALLATION

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

When the coals and matrices have been arranged as shown in section 10 above, the door must be closed and a good seal achieved.

All door knobs used on the Exminster Stove are imitation knobs, and these only hide the nuts and screws that are actually fastening the doors. To open the stove doors, remove the knobs, and then undo the M6 nuts and then the doors will be free to open. Thus when closing the doors, push the doors shut ensuring a good seal between door and wrapper with the glass rope, then use the "penny" washer to blank off the clearance hole and apply the nuts to hold doors closed. Finally, apply the cast knob to hide the nut and washer. This knob is only for visual appearance and does not need to be wrenched up tight.

13. FITTING THE FLAT TOP OR 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 “penny” washers.

First place the top (either Flat Top or Canopy) on to the body, and apply the washer and nut to fix the top and seal the appliance.

These nuts and studs can be located on the inside of the stove, once the doors are open.

It is important to check that these nuts are tight and 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.

14. COMMISSIONING THE STOVE

Section 18 (inside back cover) must be filled out and completed as part of the commissioning of the appliance, and 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 the draught diverter as shown in Fig. 10 below. 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 or right.

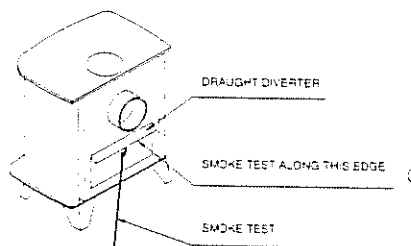


Fig. 10 – Spillage test (shown as rear flue, top flue draught diverter identical)

If most of the smoke is not drawn into the draught diverter leave for a further 10 minutes and repeat.

If there is a fan in the room (or adjacent rooms) the spillage test is to be repeated with the fan running on full power and all connecting doors between the fire and fan left open.

If there are problems, the chimney/flue may require attention. Isolate the stove and seek expert advice.

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

15. 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.

There is a flue spillage monitoring system fitted to this appliance, which cuts off the gas supply upon the detection of spilled flue gasses. If this system activates and the stove cuts out, allow 3 minutes before retrying the ignition, noting that the control tap must first be returned to the off position. If the pilot will not light, allow a further 3 minutes or sufficient time for switch to reset. If cutting off persists, then a CORGI registered engineer should be informed.

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.

There are two control options for the Exminster stove. The Stove will be fitted with either a basic rotary tap, which has just one knob, or a remote control unit fitted, to enable remote HIGH and LOW operation, this type is easily identifiable because it has twin control knobs.

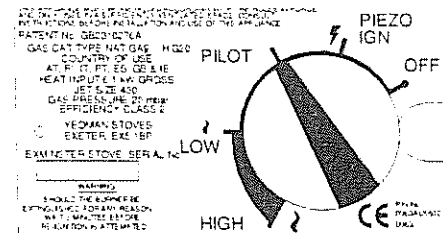
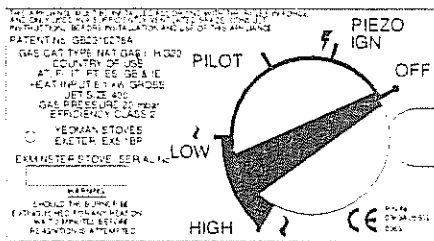
Both rotary controls operate with a traditional pilot light. The pilot light is located in the centre of the burner, and is visible through a cut-out in the ceramic matrix. If the Flame Supervision Device Actuating Flame (the Pilot Light) is extinguished either by intention or not, no attempt should 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 chimney.

15.1 BASIC ROTARY CONTROL

(i) Igniting the pilot light.

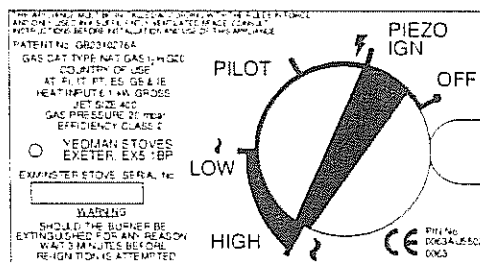
- 1 Depress control knob fully.
- 2 Whilst depressed, turn knob 90° anti clockwise to "PILOT" setting. Repeat until pilot light is visibly lit. This may take a few attempts.



KEEP KNOB DEPRESSED AT THIS POINT FOR 15 – 20 SECONDS.

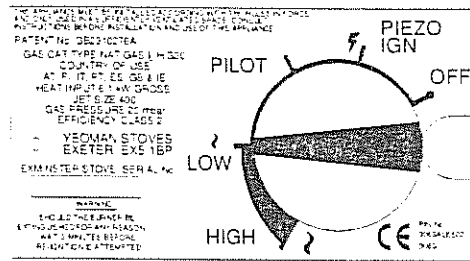
- 4 Upon releasing the knob, the permanent pilot will remain lit, if not return to 1.

(ii) Running the stove at high output.



1. Ignite permanent pilot as shown in 14.1 (i).
2. With the control knob at "PILOT" setting, turn in an anti clockwise direction to "HIGH" setting.
3. The stove is now burning at it's highest operating output.

(iii) Running the stove at low setting.



1. Ignite permanent pilot as shown in 14.1 (i) and run stove at "HIGH" setting for a minimum of 10 minutes.
2. With control knob at "HIGH" setting, turn in a clockwise direction to "LOW" setting, a slight click can be felt when low is engaged.
3. The stove is now burning at it's lowest operating output.

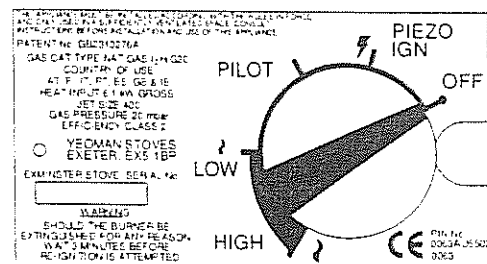
Output can be set at a variable rate between "LOW" and "HIGH"; this can be increased by turning the control knob progressively in an anti-clockwise direction (from "LOW" or clockwise from "HIGH"), until the desired level is achieved.

(iv) Extinguishing the stove back to permanent pilot setting

1. From any heat setting, turn the knob in a clockwise direction through the "LOW" setting (a click will be felt as the knob passes through "LOW") to the "PILOT" position

(v) Extinguishing the stove fully

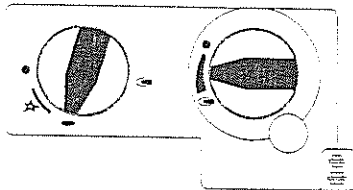
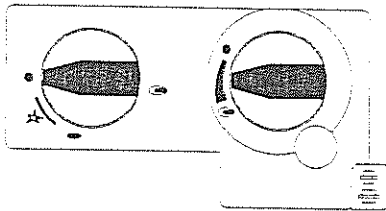
1. From any heat setting, turn to "PILOT" as in 14.1 (iv).
2. Depress knob fully and turn clockwise to "OFF" position.



15.2 **REMOTE CONTROL
(MANUAL OPERATION)**

a) **Igniting the Pilot Light**

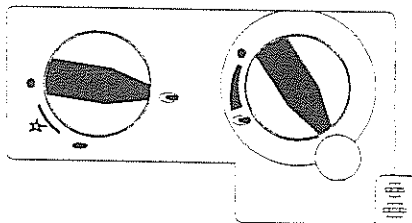
1. Turn the Left hand knob slightly anti-clockwise towards the ignition position until reaching stop, depress and hold for five seconds (only pilot gas flows).



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.

ii) **Running the stove at high output**

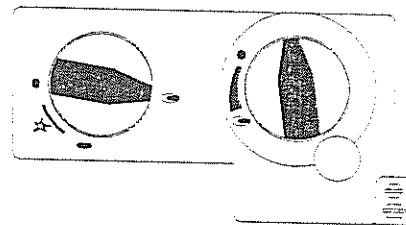
1. Ignite permanent pilot as shown in 14.2 (i).
2. Turn the left-hand control knob anti-clockwise to the setting, which shows the larger flame.



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.

ii) **Running the stove at low setting**

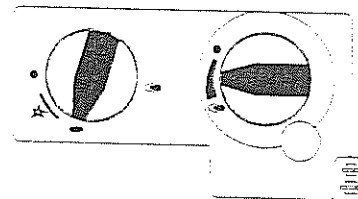
1. Ignite permanent pilot and run stove at "HIGH" setting for a minimum of 10 minutes as shown in 14.2 (ii).
2. With the right-hand control knob at the highest setting, rotate in a clock-wise direction to the lowest setting (filled circle).



The stove is now burning at its lowest operating output.

(i) **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).



(vii) **Extinguishing the stove fully**

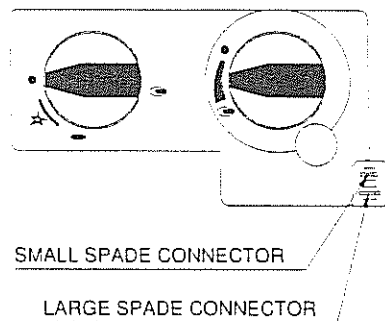
1. From any heat setting, turn to "PILOT" as in 14.2 (iv).
2. Depress the same knob slightly and turn clockwise to "OFF" position (filled circle).

16. TWIN ROTARY CONTROL with OPTIONAL REMOTE

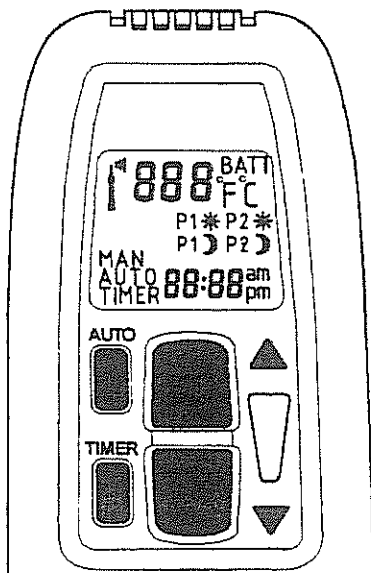
Light the pilot as described in section 13.2. Turn right hand control anti-clockwise until it is on the large flame setting. You are now able to use the remote control. To increase the flame, the top button should be depressed. Pressing the lower button on the handset will reduce the flame. It is also possible to turn the main burner all the way down so that it is effectively off, leaving only the pilot ignited.

Connecting the remote control has been made very easy.

Fit the connector to the spade terminals on the front left top of the rotary control, place the remote control receiver box in a position that is convenient to the user.



16.1 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. ▸

- 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 P2 ▶

Manual mode (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 the changes in flame height adjustment.

17. 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 C.O.R.G.I. Registered engineer.

- a) Open the doors. This is achieved by first unscrewing the cast handle to reveal an M6 nut, unscrew the nut, and the door will open.
- b) Remove all coals and matrix from top of burner.
- (c) Remove the existing ceramic mat and discard.
- a) Remove any debris from the top of the burner and any dirt, dust or hair from the venturi on the underside using a vacuum cleaner and brush.
- b) Inspect the burner unit.
- c) Perform an ignition check.
- d) Perform a flame failure check
- e) 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.
- f) Place new ceramic mat in position, brush off and replace coal arrangement as shown in section 10, replacing any broken or damaged pieces.
- g) Check all seals on doors (including glass) and close the Door/s.
- h) Check the installation for gas leaks.
- i) 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.

18 TROUBLESHOOTING

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 Electromagnetic 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.

E. Optional remote control will not function.

- (i) Check PP3 battery is fully charged. if not, change battery.
Check the 4 No. AA batteries in receiver box under the stove, if not fully charged, change batteries

19. SPARES SHORT LIST

Log Set	YA75542
Matrix inc. coals	YA75142
Burner ceramic Mat	YG75131
Glass window (2 door)	YB00227
Glass window (single door)	YB00827
ODS Pilot Assembly (N.Gas)	CG06178
ODS Pilot Assembly (LPG)	CG20078
Standard Gas Control Tap	X-CG06079
Mertik Remote Gas Control Tap	YG75279
Injector (Natural)	YG75077
Injector (LPG)	YG60177
Standard Gas Control knob.	YG76279
Remote control unit complete.	GDRC

20. COMMISSIONING DATA

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

Type of Gas Supply _____
 Installation engineer _____
 Signature _____
 Installation date _____
 Burner pressure,
 all gas appliances on Full _____ mbar
 Burner pressure, stove on full only _____ mbar
 Meter pressure, all gas appliances
 on FULL _____ mbar
 Meter pressure, stove on full only _____ mbar
 Length and size of gas supply _____

GUARANTEE

1. All Yeoman stoves are guaranteed for two years against faulty components from the date of purchase.

2. The guarantee is given subject to the following provisions;

a) That the installation, and any additional work to either flue of combustion chamber, is carried out by a Corgi registered engineer.

b) That the fireplace* and flue installation conform to the relevant building regulations and British standards, and that the correct Yeoman components are used.

c) Yeoman Stoves will not cover for any associated problems due to a faulty flue or a flue which does not perform so as to successfully move the products of combustion to the atmosphere.

d) Yeoman Stoves will not be responsible for the lack of ventilation or primary air required to enable a stove to perform successfully. CORGI engineers must check that the stove will receive a continuous and uninterrupted flow of air for combustion. They must also check the property for obvious signs of Thermal Inversion as per the CORGI manual.

e) That our instructions for installation, servicing and cleaning are followed. This guarantee does not cover mishandling.

f) That any part or parts replaced under guarantee are returned to us postage paid for inspection, via your Yeoman dealer.

g) That our liability is limited to the free replacement part or parts affected. No claims for any other work will be considered unless agreed by Yeoman stoves management.

h) This guarantee does not cover normal wear and tear.

i) This guarantee does not cover glass or any seal replacement.

3. Yeoman stoves are guaranteed via the stockist from whom they were purchased, and not directly by Yeoman. In the event of any guarantee claims, you should therefore contact the stockist from where you purchased the stove.

This does not affect your statutory rights.

* If applicable

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

Name.....
 Address.....

 Tel

Installed by:

Name

Address.....

.....

.....

Tel

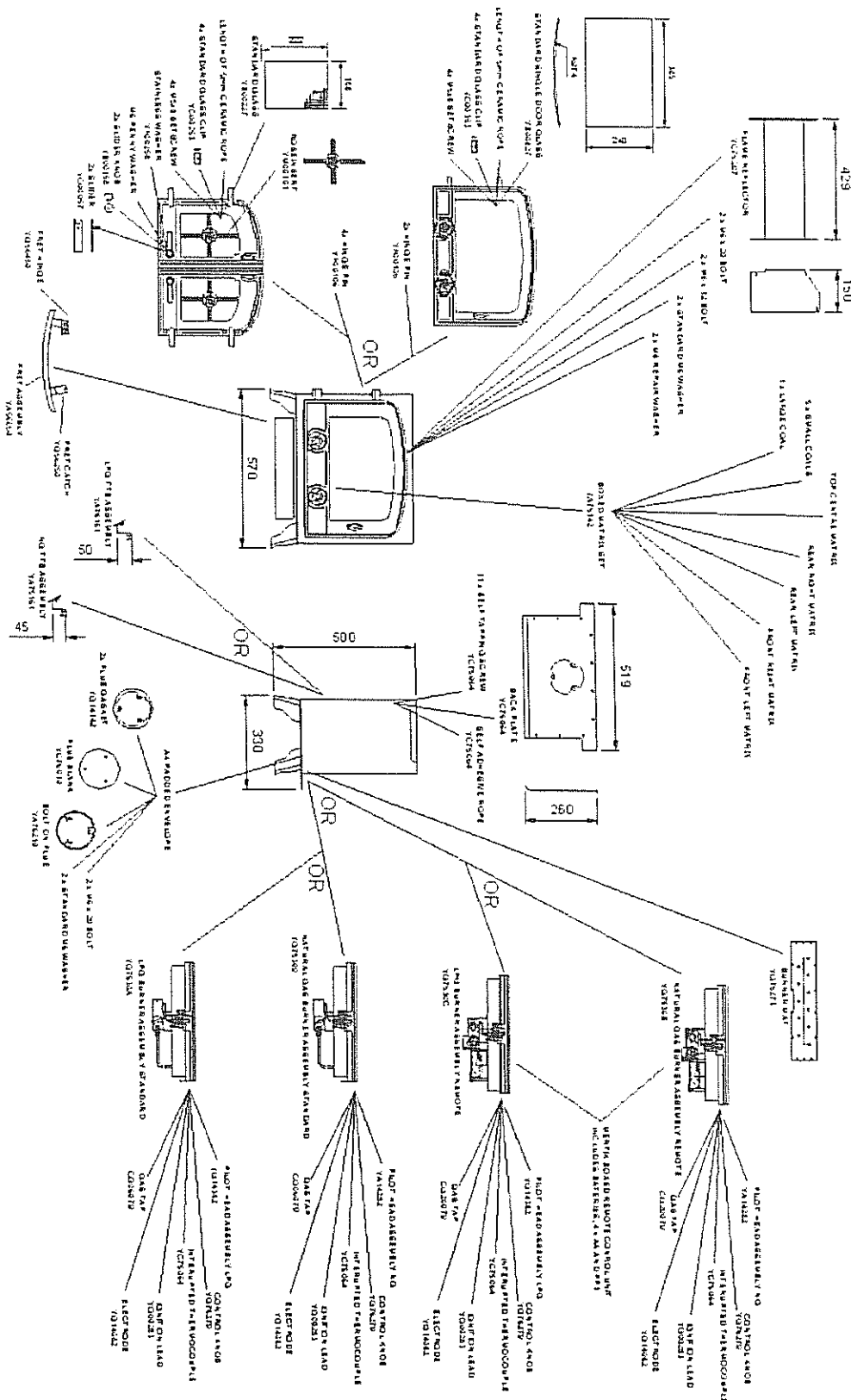
Date Installed.....

Model Type ..EXMINSTER N.G / LPG

Serial No. (see data badge).....

EXMINSTER GAS STOVE

RETAIN FOR FUTURE REFERENCE



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