

ENIGMA HE

Remote Control

OWNERS MANUAL

INCLUDES
USER INSTRUCTIONS
&
INSTALLATION & MAINTENANCE
INSTRUCTIONS

Please read these instructions carefully before you start installing or using this appliance

Keep this booklet handy for future reference

**This appliance is
for use in Great Britain or
IRELAND only**

AN FDC (UK) LTD PRODUCT

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1.1 Introduction

Consumer Protection Information

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

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

Health and Safety Notice

Important

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

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

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

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

INTRODUCTION

- The ENIGMA HE REMOTE as been designed and tested to the requirements of EN 613 and is suitable for use in GB (Great Britain) and IE (Ireland).
- The ENIGMA HE REMOTE incorporates a single gas control, which selects ignition pilot, with variable setting between low and high settings and is operated via remote control. The system is powered by a battery pack; therefore no mains electrical supply is required.
- Like all appliances incorporating an aerated burner a low frequency noise may be heard, this may be more noticeable on the low setting.
- The ENIGMA HE REMOTE incorporates a safety device in the form of an Oxygen Depletion System, which constantly monitors the oxygen in the room and will cause the fire to switch off if the oxygen level reduces, for instance due to insufficient ventilation or a blocked flue. If this regularly occurs do not attempt to relight the appliance until a qualified engineer has checked it, the problem may not be due to lack of air or a defective flue.

1.1 Introduction Continued

The ENIGMA HE REMOTE is battery operated; therefore no mains electrical supply is required. Power to the appliance is provided by 6 high power alkaline 1.5V batteries (AA size) (a spare set of 6 AA batteries is supplied with the appliance); these batteries can be changed to Nickel Metal Hydride rechargeable batteries providing they have a minimum capacity of 2200 mAh. A set of 6 high power alkaline 1.5V batteries (AA size) would give in the order of 200 -380 operations while 6 rechargeable batteries when fully charged would give approximately 200-300 operations. These figures are only given for guidance and may vary depending on how the appliance is used and the battery manufacturer and quality.

Using the standby facility when the appliance is switched off for short periods can extend battery life. The standby facility switches off the mains gas supply to the appliance but the pilot remains alight.

An audible double bleep warning indicates that the appliance batteries need changing or charging (if rechargeable batteries have been used).

Important: Batteries should be changed or recharged as soon as possible as the appliance will not light if the battery power gets too low.

IMPORTANT INFORMATION

- The appliance is for use on Natural Gas (G20 @ 20mbar) only.
- The chimney or flue (unless new or previously used with a gas appliance) should be swept before installation if it has been used for solid fuel.
- The fire front (fret) supplied must be used with this appliance.
- Failure to install appliance correctly could lead to prosecution.
In GB (Great Britain), the appliance must be installed by a competent person i.e. Gas Safe registered, in accordance with the GAS SAFETY (INSTALLATION AND USE) REGULATIONS, The Building Regulations (or The Building Regulations (Scotland) or The Building Regulations (Northern Ireland)) and The Current I.E.E. Wiring Regulations, if appropriate.
In IE (Ireland), the appliance must be installed by a competent person and installed in accordance with the current edition of I.S.813 Domestic Gas Installation, the current Building Regulations and the current ETCI rules for electrical installation, if appropriate.
- The glass front of this fire acts as a dress guard, conforming to BS 1945 (1997) however; a fireguard conforming to BS6539 (1997) must be used to protect young children, the elderly or infirm.
- The appliance **MUST NOT** be used with the glass safety screen removed or if it is damaged or cracked.
- During initial firing, an odour may be evident. This is the starch binder used during the manufacture of the fibre components of the fire, and there are **no harmful** effects produced.
- During the normal operation of the fire some black staining may appear on some parts of the fuel bed. This is quite normal and adds to the appearance of the appliance. However, if excessive black staining does occur it may be due to the fuel bed being incorrectly laid. This should be checked prior to contacting a service engineer.

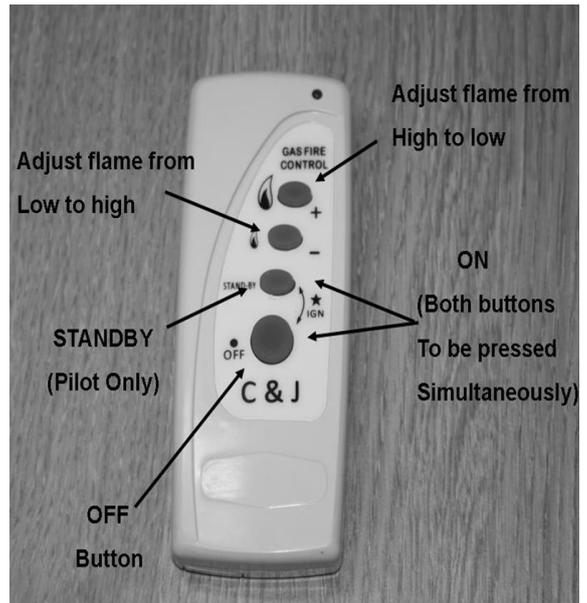
- Care must be taken to prevent any damage being caused to surrounding soft furnishing or decoration; e.g. many embossed vinyl wall coverings may become discoloured if placed too close to the appliance. Combustible material i.e. wall panelling or wallpaper must be removed from behind the fire and fire trim.
- It is advised that this appliance is serviced annually; as it is more likely to provide trouble-free operation.
- In GB (Great Britain) the fire does not normally require purpose built ventilation, but if for any special reason purpose built ventilation is provided it should be checked periodically to ensure freedom from obstructions.
- In IE (Ireland) permanent ventilation must comply with the current edition of IS813.

• **1.2 Operating the Appliance**

Before attempting to operate the appliance check that nothing has been placed in front of the appliance that may interfere with the remote sensor operation.

To light the appliance using the remote hand set:

- Point the remote control hand set in the direction of the appliance and simultaneously press the buttons marked '● OFF' and 'standby'. Continue to hold in these two buttons until a 'bleep' is heard (approximately 2-3 sec.) and then release these buttons. The appliance will automatically go through the ignition sequence and the pilot should ignite. Once the pilot is alight the appliance will automatically go to the high setting (approximately 20-25sec). If the ignitor stops sparking and the pilot fails to light, repeat this procedure.



- The appliance can be adjusted up or down by pressing the

appropriate button  (low setting) or  (high setting). There are 5 heat settings and the fire will give a double bleep when the maximum or minimum heat setting is reached. To switch off the appliance press the OFF ● button or if the appliance is to be switched off for a short period it is recommended that the 'standby' button be used. This switches the main burner off but leaves the pilot on and will extend battery life.

- The appliance can be switched off without using the hand set by removing the appliance batteries located behind the ash pan cover. When the batteries are removed there will be a delay (up to 3 minutes) after which double beeps may be heard and shortly after the appliance will extinguish. Ensure that the battery is reconnected once the fire has been extinguished. The appliance cannot be operated without the use of the handset. If the fire fails to light or extinguishes for any reason, it will be necessary to re-set the fire. This can be done by pressing the OFF ● button then following the normal lighting procedure.

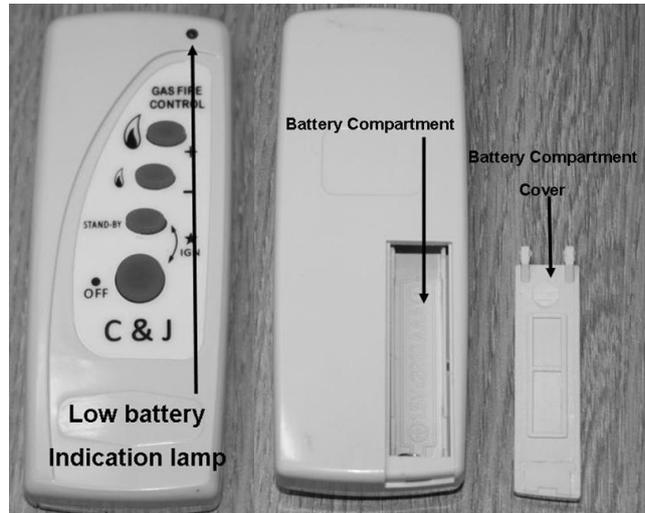
NOTE: If the fire is extinguished for any reason wait 3 minutes before relighting.

LOW BATTERY INDICATION (HAND SET)

If while pressing any of the buttons on the remote hand set the low battery indicator lamp either stops flashing or appreciably slows then battery should be changed.

TO REPLACE BATTERIES IN HAND SET (AAA 1.5 V LR3 X2)

Remove the cover from the rear of the handset fit replacement batteries, taking care not to strain battery connections.



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LOW BATTERY INDICATION (APPLIANCE)

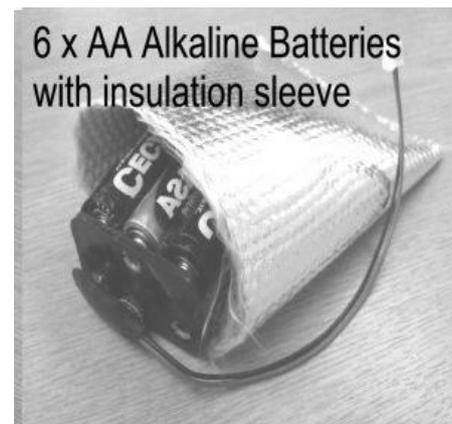
If you hear a repeated 'bleep' sound come from appliance this indicates the appliance battery pack is low and should be changed as soon as possible. The appliance will continue to work normally for a short period but if the warning is ignored you may experience difficulty lighting the appliance or the appliance may automatically switch off for no apparent reason.

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

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

(Rechargeable batteries can be used providing they are a nickel metal hydride type 1.5V AA with a minimum capacity of 2200mAh). Using AA Lithium batteries will give more operations.

- a. Lift off fret and ash pan.
- b. The battery power pack or holder is located at the left hand of the burner; carefully slide the battery holder forward and replace all six batteries as a complete set or recharge as appropriate. **WARNING, batteries will overheat if fitted incorrectly, when fitting the batteries ensure that they fitted as per the marking on the rear of the holder (i.e. minus of battery against spring).** If rechargeable batteries are used they MUST be a Nickel Metal Hydride with a minimum capacity of 2200mAh.
- c. **Important:** Place the battery pack or holder inside the insulation blanket and ensure that it is placed to the left hand side of the appliance as shown and refit fret and ash pan cover.
- d. Once the new batteries are loaded the fire will continue to bleep until re-set. This can be done by pressing the "off " button on the handset followed by the normal ignition sequence as above. If the fire continues to bleep this may indicate a loose connection or badly loaded batteries.



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1.3 Cleaning

Warning: -

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

CLEANING: TRIM & FRET

Abrasive or chemical cleaner should **never** be used.

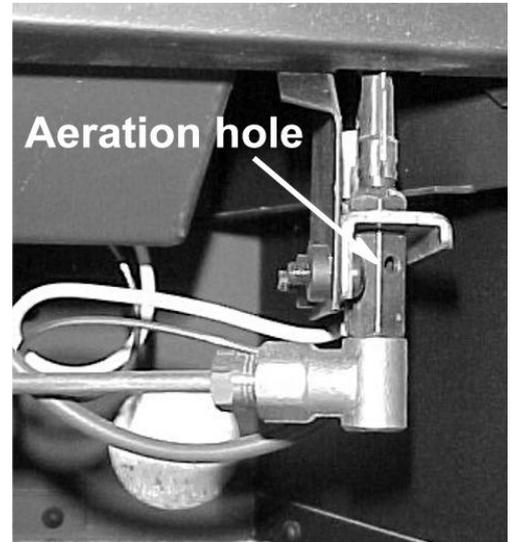
CLEANING: BLACK PAINTED SURFACES

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

CLEANING: PILOT ASSEMBLY

(Before cleaning ensure that the appliance is turned off and cold)
In some instances you may experience ignition problems even when the appliance is new. This may be due to the aeration hole in the pilot body (see photograph) being partial blocked with dust, pet hairs, or other foreign matter. The source of this debris could be such things as carpet fibres, decorating or pet etc.
To gain access to the pilot, remove the ash pan cover and fret.

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



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

GLASS CLEANING

From time to time it will be necessary to clean the glass panel of your Enigma HE fire. We recommend you use a Ceramic hob cleaner, these are available from all leading supermarkets: - i.e. **ASDA, TESCO, SAINSBURY'S** Etc.

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

- Ensure the fire as been turned OFF for at least four hours to ensure it is cool.
- Remove the glass panel as described on the following page.
- Lay the glass panel down on a flat working surface on top of an old opened newspaper with the side to be cleaned uppermost.
- Follow the instructions on the Hob Cleaner Bottle.
- On stubborn stains (where the appliance as been used for a long period without glass panel being cleaned), use a new Brillo Pad well wetted with the Hob cleaner applied directly to it.
- Ensure all the residues of the cleaner are removed with a damp cloth and the glass panel is completely dry before fitting to the appliance.

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

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

1.3 Cleaning Continued

REMOVING GLASS PANEL

- Remove the trim, which is held in position with magnets.
- Remove the fret and ash pan cover.
- Lift off the canopy and remove.
- Remove the glass fixing clamp secured with three securing nuts. Take care to support the glass panel when removing the fixing clamp. Lift the glass panel out of the retaining brackets. It should be placed in a safe place to prevent damage.
- Reassemble in reverse order.



1.4 Fuel Bed Cleaning and Layout

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

Important: - Refer to the 'Health & Safety Notice' located on page 3 of this booklet before cleaning or replacing any refractory material.

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

CARE SHOULD BE TAKEN TO AVOID CONTACT WITH THE REFRACTORY LINING THIS IS A DELICATE SURFACE AND SHOULD **NOT** BE WIPED OR RUBBED.

It is important that all the fuel bed moulded shapes are positioned as shown in these instructions.

1.4 Fuel Bed Cleaning and Layout Continued

Coal Fuel Bed Layout

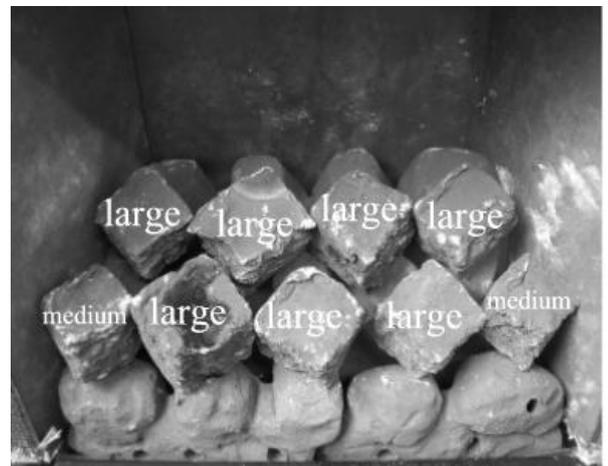
Locate the Rear Matrix on the burner ensuring that the front edge is against the back of the burner slot and not on top of it.



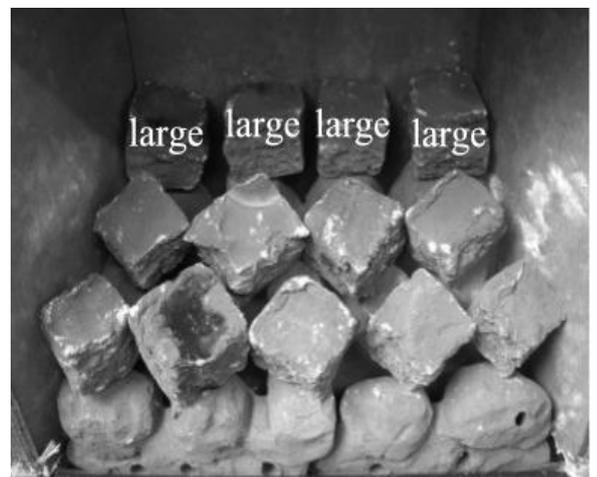
- Place the LH and RH Front Matrix in the channel at the front of the burner tray.



- Lay Two rows of coals as shown.



- Lay another row of loose coals as shown.



1.4 Fuel Bed Cleaning and Layout Continued

- Lay another row of loose coals as shown and refit glass panel.



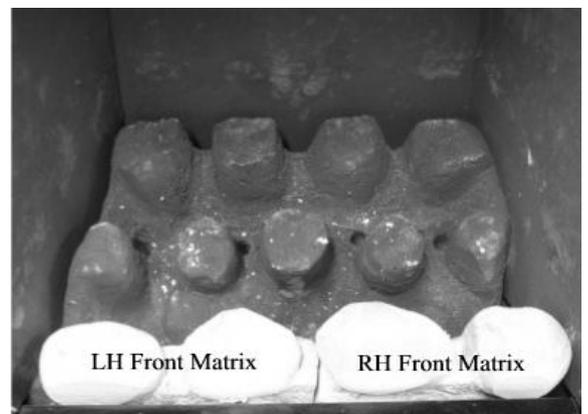
* Before fitting the pebble set loosen the burner securing screws and make sure that burner is pushed to the right side of the burner tray. This will ensure maximum aeration to the burner and reduce discolouration.

Pebble Fuel Bed Layout (Refer to warnings at the beginning of this section.)

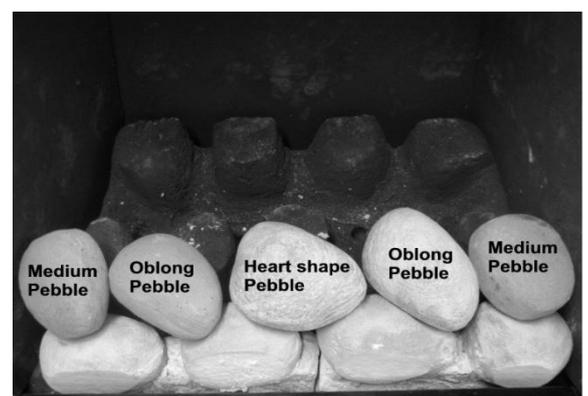
- Locate the Rear Matrix on the burner ensuring that the front edge is against the back of the burner slot and not on top of it.



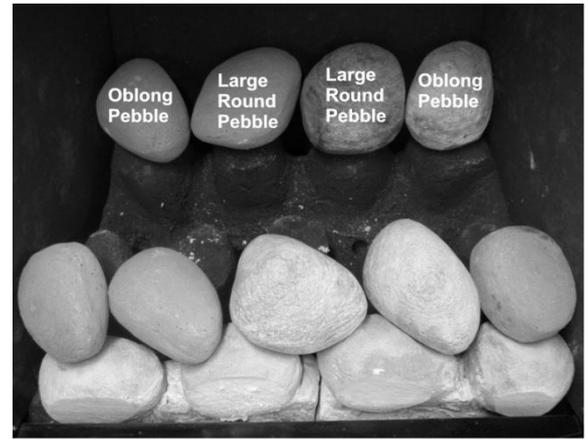
- Place the RH and LH Front Matrix in the channel at the front of the burner tray.



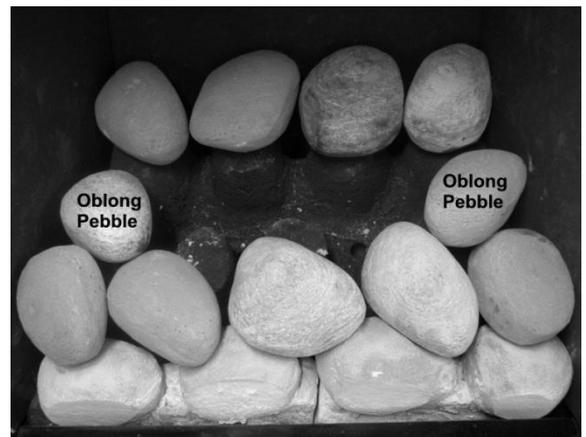
- Lay one row of pebbles as shown.



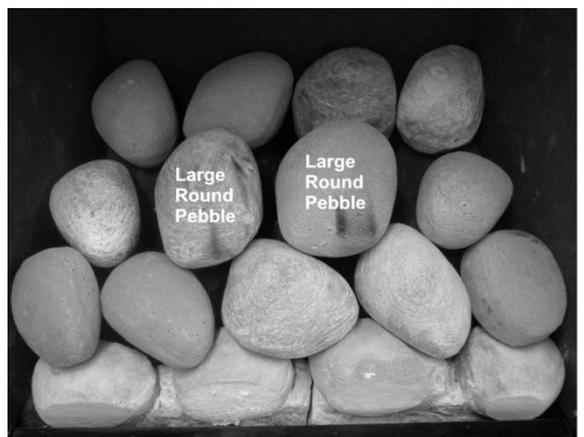
- Lay another row of pebbles as shown.



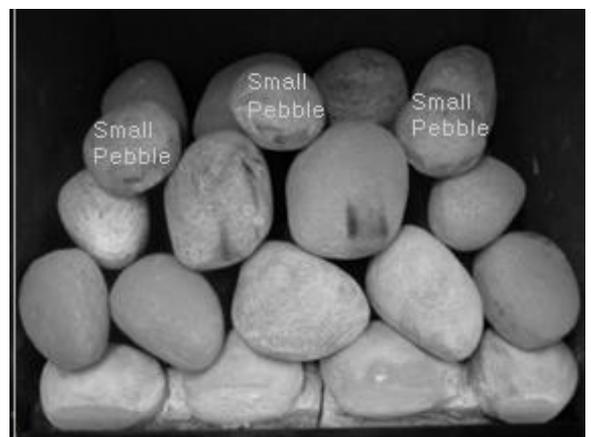
- Lay the two Oblong pebbles as shown.



- Lay a further two large round pebbles. They should bridge the gap between the front and rear row of pebbles.



- Lay a further three small pebbles as shown and refit glass panel.



1.5 General Points

Like all appliances incorporating an aerated burner a low frequency noise may be heard, particularly on the low setting, this is quite normal and does not affect the operation of the appliance.

It is advised that a competent person service the ENIGMA HE Remote fire annually. The fire is more likely to provide trouble-free operation.

Dulling and slight discoloration inside the firebox will occur adding to the realism of the appliance. This is normal.

It is important that: -

- The chimney or flue is checked annually to ensure clearance of combustion products.
- The fire front must be positioned in front of the fire whilst it is burning.
- Any debris from the chimney or flue should be removed. The fire should be allowed to cool before it is removed.
- The fire must not be used if the glass panel is missing or damaged.
- The data badge is located on the right hand side of the appliance, behind the trim.

The only user removable parts are: -

- Fret.
- Refractory Fire bed Components.
- Fire trim.
- Glass panel assembly.

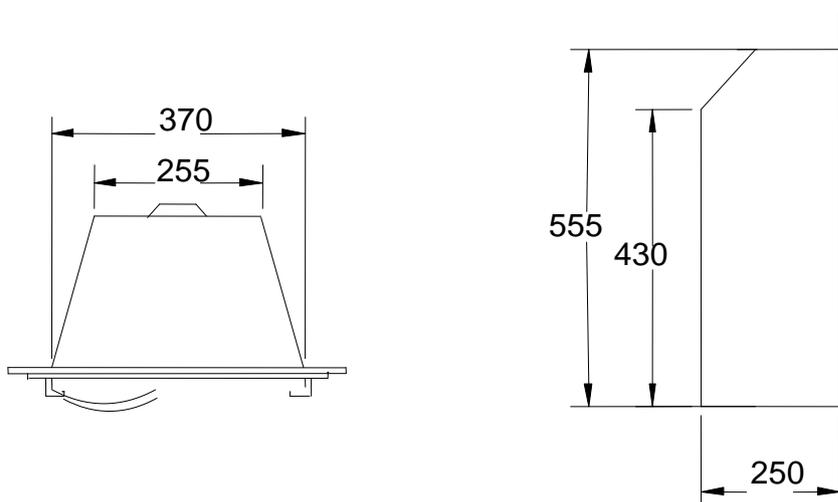
2.1 Appliance Data

NATURAL GAS

Gas Type:.....CATEGORY I 2 H
Gas Pressure:.....20 mbar +/- 1.0mbar
Pressure Test Point Location:.....Gas inlet elbow
Gas Input:.....5.5 kW Gross (Max.)
.....2.4kW Gross (Min.)
Injectors:.....Mk 360
Oxy pilot:.....9102
Gas Connection:.....8mm compression: semi-rigid or rigid
Data Badge Location:.....Located on the left hand side of the appliance behind the trim.

Battery.....Remote handset 9v size MN1604 or 6F22,
Appliance 6 x 1.5V AA high power alkaline or 6 x 1.5 V Rechargeable nickel metal
hydride with a minimum capacity of 2200mAh.

Appliance Dimensions



NOTE: The efficiency of this appliance has been measured as specified in BS7977-1 2002 and the result is 68%. The gross calorific value of the fuel has been used for this efficiency calculation. GasTec have certified the test data from which it has been calculated. The efficiency value may be used in the UK Government's Standard Assessment Procedure (SAP) for energy rating of dwellings. **Please note:** The restrictor fitted to the appliance is there to achieve the maximum efficiency. This, however, may require removal where a flue is underperforming.

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

Fuel Bed: Coal or Pebble:
Wire Fixing Kit (Including magnets & restrictor elbow), Foam sealing strip, Owners Manual and Trim.

2.2 Regulations and Warnings

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

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

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

B.S. 5871

B.S. 5440 PART 1 & PART 2

B.S. 6891

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

The Building Regulations Issued By The Department Of The Environment.

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

- **IN IE, (Ireland)**

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

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

IMPORTANT NOTE: -

The fire front (fret) supplied must be used with this appliance.

WARNINGS

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

2.3 Siting the Appliance

• CLASS ONE

That is a conventional brick or stone chimney as used for a solid fuel appliance with an effective cross-sectional dimension of 225 x 225 mm (9" x 9") or a lined flue with a minimum diameter of 125mm (5"). The chimney must have a minimum effective height of at least 3 metres. Any permanent flue restriction or variable dampers are to be removed or locked fully open. The chimney should be swept prior to installation if it has previously been used with solid fuel. This is not necessary if the flue has previously been used with a gas appliance or if it is a new installation.

Note: A brick or stone chimney with a 125 mm (5") minimum diameter flue liner conforming to BS 715 may be used. Provided a suitable sealing plate is fitted to the base of the liner and the appliance does not restrict the opening into the liner.

• CLASS TWO FABRICATED METAL

A double-walled or insulated metal flue box built to the requirements of BS 715 with an insulated flue having a minimum diameter of 125 mm (5") and a minimum effective overall height of 3 metres (10 ft).

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

SURROUNDS

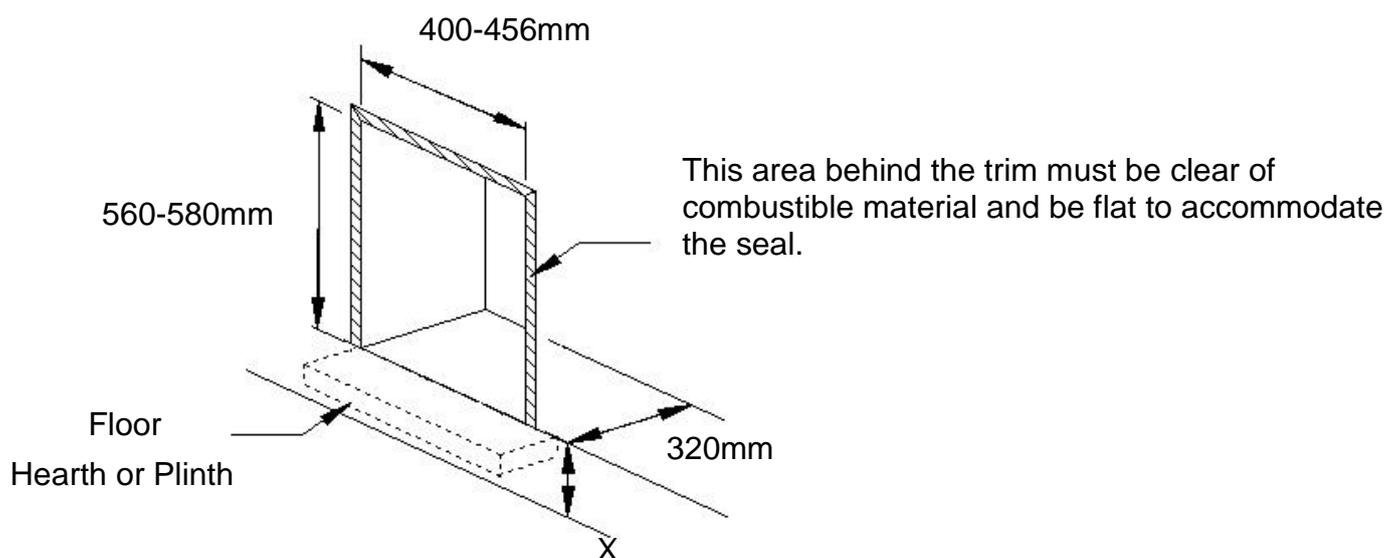
The fire can be fitted on either a conventional hearth (i.e. tile fireplace etc) or plinth mounted in a fire surround. If a hearth or plinth is used it **MUST** be non-combustible. Purpose built superimposed fire-resistant hearths and back panels, specified as suitable by the manufacturers, may be used, or a suitable proprietary fire surround with a 150°C minimum rating.

IMPORTANT NOTE when the fire is installed without a fireplace or non combustible back panel any wall surface or covering that comes in contact with the appliance and is not non combustible must be removed.

Care should be taken to prevent any damage being caused to surrounding soft furnishings or decoration e.g. many wall coverings may become discoloured if placed too close to the appliance.

2.3 Siting the Appliance Continued

FIREPLACE OPENING



The front face and the base of the fire opening must be flat to ensure that a good seal is formed between the rear and base of the appliance and the chimney to avoid any reduction of natural draught.

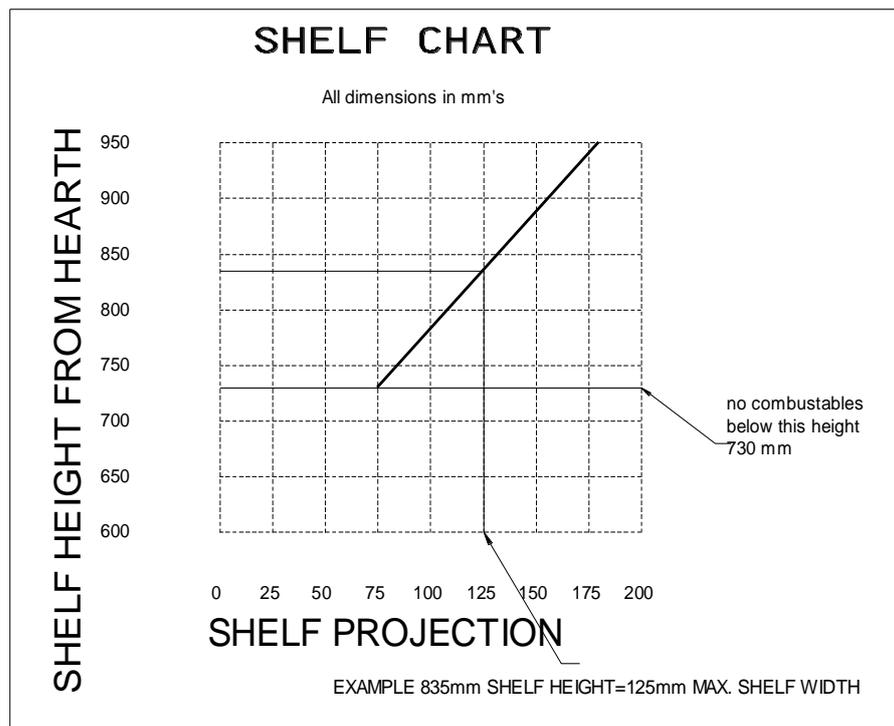
Hearth or Plinth Mounted When fire fitted with STANDARD THREE SIDED TRIM	
Hearth / Plinth Size (Minimum Dimensions)	Width 505mm Depth 100mm Thickness 50mm
'X' Ht from floor to base of opening. (min.)	50mm

Clearance to Shelf

Minimum clearance from hearth or base of opening to underside of combustible shelf should be 780mm provided the shelf depth is 100mm (4"). This gives a minimum clearance above the appliance of 170mm. For a shelf of 150mm (6") the minimum height above the hearth or base of opening must be 880mm. This will give a minimum clearance above the appliance of 270mm. For other depth refer to the shelf chart.

Clearance to Sides of Fire

Minimum width between vertical sides of combustible surround should not be less than 800 mm provided fire is central to the surround and sides do not project more than 150 mm. When vertical side forward projection is increased by 12.5 mm add 50 mm to inside width of surround.



2.4 To Install the Appliance

CHECKING THE FLUE AND FIRE OPENING

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

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

No combustible material should be fitted inside the fireplace opening.

- When installing this appliance against a dry lined (plasterboard) wall ensure that any void between the plasterboard and the wall is sealed with a suitable non-combustible material (i.e. plaster or mortar).

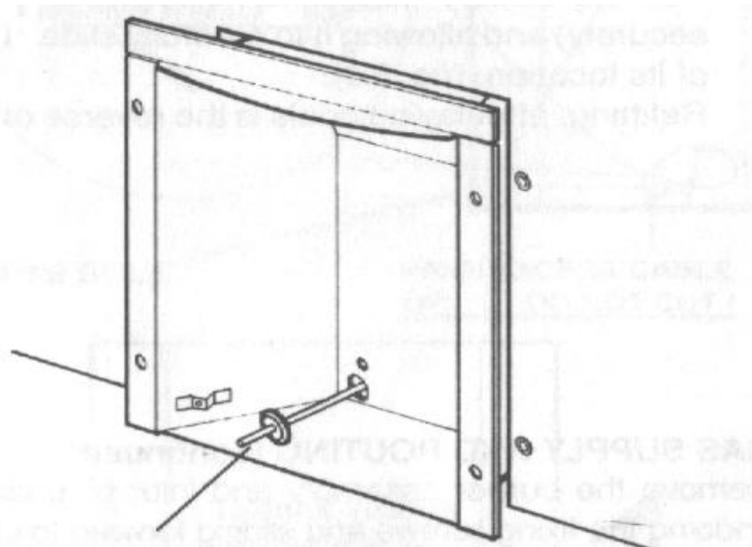
2.4 To Install the Appliance Continued

GAS SUPPLY ROUTING

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

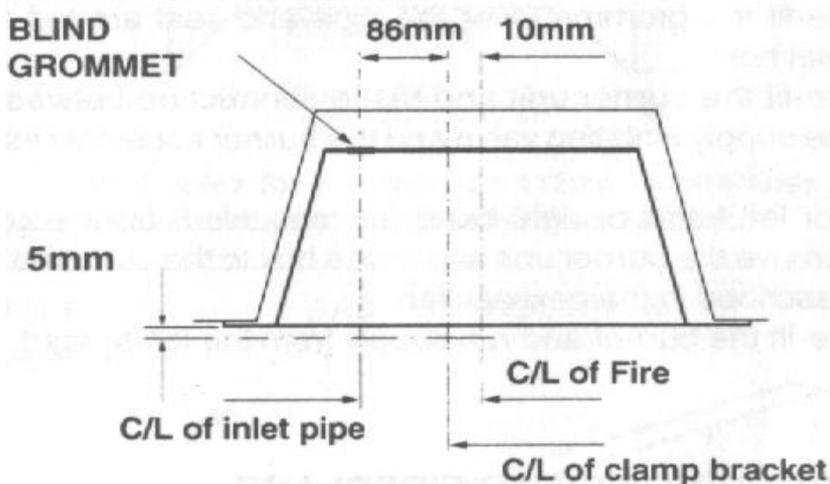
STANDARD TRIM & FRET

This may be from the front of the unit, either from the left or from the right hand, or it can be a concealed fitting from the rear of the appliance.



BLIND GROMMET (SUPPLIED ASSEMBLED IN INLET PIPE ENTRANCE HOLE).

PLAN VIEW OF FIREPLACE SHOWING PIPEWORK DIMENSIONS.



REMOVING GLASS PANEL

- Remove the trim, which is held in position with magnets.
- Remove the fret and ash pan cover.
- Lift off the canopy and remove.
- Remove the glass fixing clamp secured with three securing nuts. Take care to support the glass panel when removing the fixing clamp. Lift the glass panel out of the retaining brackets. The glass should be placed in a safe place to prevent damage.
- Reassemble in reverse order.



CONNECTING THE GAS SUPPLY

Note: - An isolation valve may be fitted in the gas supply adjacent to inlet pipe.

For a concealed connection: -

- Remove the burner assembly by undoing the two fixing screws in front control fascia and one at the rear of burner plate.
- Remove the rubber (blind) grommet from the supply pipe inlet hole at the rear of the outer box and slide the box over the supply pipe and fix to the surround using one of the methods described in the next section.
- Refit the grommet over the pipe and seal around the inlet hole.
- Refit the burner unit and make connection between the supply isolating valve and the burner assembly inlet.

For an unconcealed connection: -

- For left hand or right hand (unconcealed) front supply remove the burner unit and fix box to the surround as described in the next section.
- Refit the burner and run supply from left or right.

FIXING FIRE INTO OPENING

Method 1 (Screw Fix)

- Mark the position of flange holes required in the fireplace front, drill and insert wall plugs (not supplied).
- Remove the paper bacing from the length of seal and stick it around the rear of the front flange of the fire.

Note: -The seal must be positioned to ensure an airtight seal when the appliance is fitted.

- Fix the firebox in position with wood screws. (Not supplied.)

2.4 To Install the Appliance continued

Method 2 (CABLE FIXING SYSTEM)

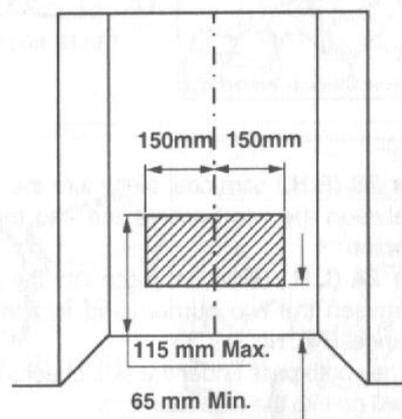
- Using a No 14 masonry bit drill two holes in the rear wall within the range shown, fit rawl plugs provided and screw eyebolts securely into plugs.
- Remove the paper backing from the length of seal and stick it around the rear of the flange of the fire.

NOTE: -The seal must be positioned to ensure an airtight seal when the appliance is fitted.

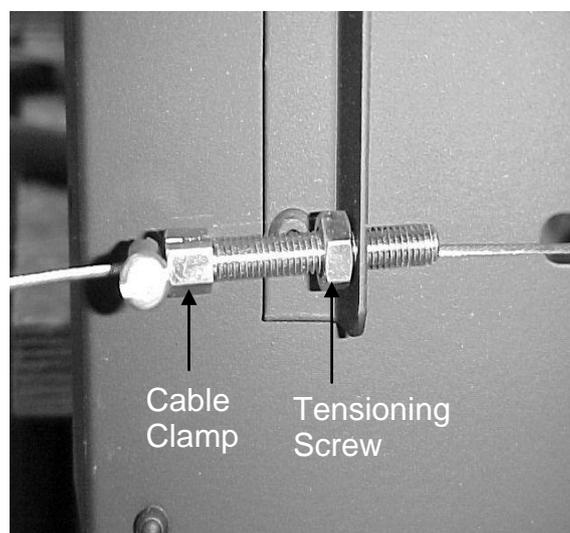
- Position the fire close to fireplace, allowing sufficient access to thread the cable through the eyebolts. Feed the cables (one cable to each side) through the top holes in the firebox, through the eyebolts, and back through the bottom holes in the firebox.
- Push firebox fully back in the fireplace opening, allowing it to seal against it to seal against the surround.
- Feed the cables through the adjusters and cable clamps and slide the clamps up the adjusters. Pull the cable as tight as possible and tighten the cable clamps. With a spanner tighten up the adjuster nut to tension the cable and make good the seal.

Note: -

After fitting neatly coil up the excess cable. Do not cut off the excess cable.



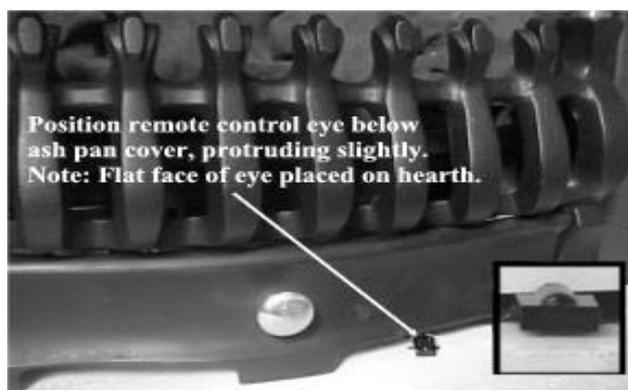
Drill holes for eye bolts on 112mm centre lines between maximum and minimum heights.



Positioning Remote Control Eye

Note: - The remote control eye is fixed to the front of the control facia using a self adhesive clip. In some instances (e.g. when an alternative fret or ash pan cover is used) it may be necessary to reposition the remote control eye, an alternative position is specified below.

- Position the remote control eye as shown with the front edge level with the ash pan cover.
- Secure in position with insulation tape as shown. Position the tape at the rear of the eye do not place any tape over the eye as this may cause receiving problems.
- Connect battery pack to appliance and insert batteries.
- Reposition ash pan cover.
- Fit battery 9V battery (supplied) to remote hand set (see Section 2).
- Check that a signal is being received by pointing the remote control hand set in the direction of the appliance and simultaneously press the buttons marked '●' and 'standby'. Continue to hold in these two buttons until a 'bleep' is heard (approximately 2-3 sec.). If no sound is heard check position of remote control eye.



2.5 Checking Operation of Fire

CHECKING GAS SOUNDNESS

- Turn on the gas supply to the appliance and check for soundness in accordance with current codes of practice.
- Turn off the gas supply at the external Isolation valve.
- Remove the pressure test point screw from the inlet elbow and connect the pressure gauge.
- Turn on the gas to the appliance at the Isolation valve.
- Light the appliance as described in section 2.
- Check the inlet pressure is 20mbar. +/- 1.0
- Turn off gas supply at the isolation valve. Disconnect the pressure gauge and replace the pressure test point screw.
- Turn on the supply to the appliance and check the pressure test point for soundness with detection fluid.

LAY FUEL BED

Important: -

Refer to the 'Health & Safety Notice' located on page 3 of this booklet before laying or replacing any refractory material.

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

Lay fuel bed as described under Users Section.

Warning:

It is important that the fuel bed components are positioned as shown in these instructions. If the fuel bed components are not positioned correctly this may result in damage to the glass.

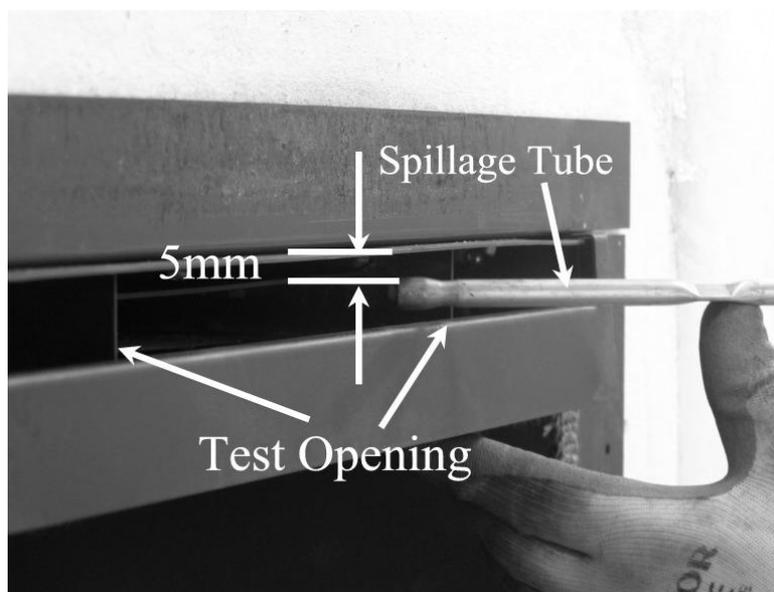
REFIT GLASS PANEL

- Refit glass panel. Prior to replacing the glass panel it may necessary to adjust the seal around the glass to ensure it is not seen when the decorative trim is fitted.

CHECKING FOR COMBUSTION PRODUCTS CLEARANCE

IMPORTANT:-The smoke test must be carried out with the fire starting from cold.

- Light the fire and leave at maximum input.
- Close all the doors and windows.
- After five minutes fit the smoke match in a holder and position as illustrated with the head of the match just inside the test opening.
- Run the match along the top edge **All smoke** must be drawn into the test opening if the clearance is satisfactory.
- If spillage occurs wait a further five minutes and repeat the test.



2.5 Checking Operation of Fire Continued

- Repeat the test with doors open and with any extractor fans in other rooms in operation.
- If spillage is detected the cause must be discovered and the fault corrected, if the fault cannot be corrected, disconnect the fire from the gas supply and seek expert advice. Spillage can be caused by a restriction in the flue system, down draught or insufficient ventilation into the room where the fire is installed.

FIT STANDARD FIRE TRIM & FRET

- Fit the fire with the magnets placed on the vertical side flange of the box. Avoid placing magnets along the top section of the trim.
- Offer the decorative trim up squarely and centrally and push into position.
- To remove the decorative trim, simply pull away from the magnets.
- Fit the fire fret by standing on the hearth OR plinth in front of the fire.

ADVISE CUSTOMER THAT:

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

Hand these instructions over to the user

IMPORTANT INFORMATION

**If any problems are encountered during
commissioning of this appliance please
telephone 01952 217 501 –**

WHILST STILL ON SITE

3.1 Maintenance

GENERAL

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

PILOT LINTING

Check pilot aeration holes for linting, use a vacuum cleaner nozzle taking care not to damage the pilot head.

TO REMOVE THE BURNER TRAY

- Turn off the gas supply by the isolating cock.
- Remove the fret & trim and glass panel.
- Remove the loose fuel bed components.
- Disconnect battery leads and remove appliance battery pack.
- Detach remote control eye from hearth. (See Section Nine when repositioning.)
- Disconnect fire at inlet elbow and undo the four burner tray fixing screws. Pull carefully forward and remove.
- For normal servicing the tray can be cleaned using a vacuum cleaner.
- Whilst the tray is removed vacuum the firebox if necessary.

REPLACEMENT OF GAS CONTROL

- Follow the burner tray removal sequence.
- Disconnect the thermocouple from the rear of the gas valve.
- Undo the three compression nuts securing the pipes to the gas valve and remove the two screws fixing the valve to the bracket.
- Clean, service or replace gas valve.
- Re-assemble in the reverse order.
- Turn on the gas supply, check for soundness and re-commission appliance.

REPLACEMENT OF INJECTOR

- Follow the burner tray removal sequence.
- Undo the compression nut on the supply pipe.
- Unscrew the locking nut holding the injector on the chassis.
- Clean or replace the injector.

NOTE: -Do not use a wire or a drill to clean out holes. Refer to the appliance data section for details.

- Re-assemble in reverse order.

3.1 Maintenance Continued

REPLACEMENT OF OXY-PILOT ASSEMBLY

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

- Follow the burner tray removal sequence.
- Undo the compression nut on the supply pipe at the pilot.
- Carefully pull off the ignition lead.
- Disconnect the thermocouple at the end of the main control valve.
- Remove the cross headed nut holding the pilot to the chassis
- Carefully remove the pilot shield & oxy-pilot.
- Re-assemble in reverse order.

REPLACEMENT OF CONTROL UNIT (EDB)

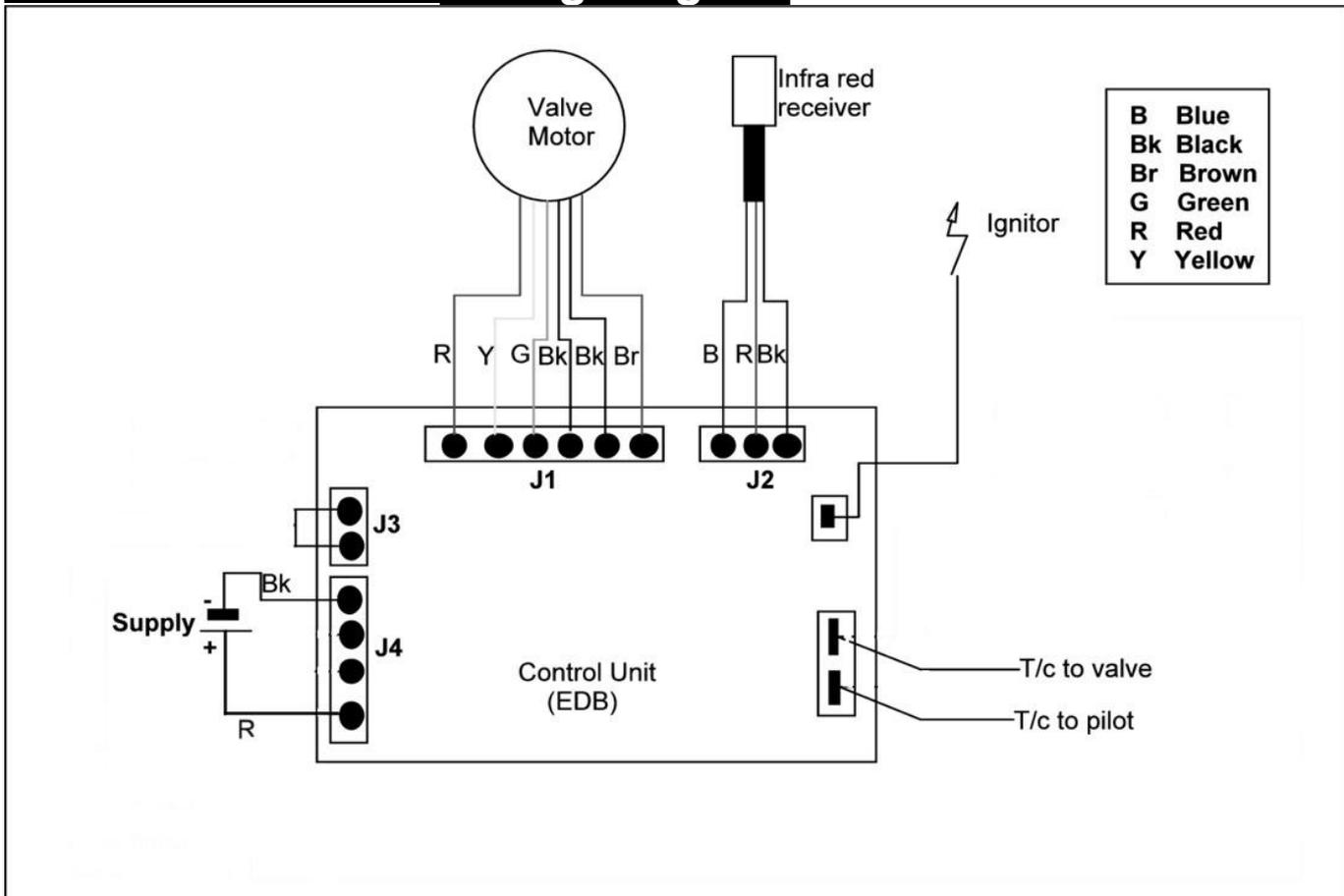
- Follow the burner tray removal sequence.
- Disconnect leads from control unit and remove 4 bolts.
- Re-assemble in the reverse order.

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

FLUE CHECK

- Remove the fire from the opening: - Reversing fitting instructions, but first remove fret, trim, glass panel and coals.
- Examine flue and rectify as necessary.
- Replace the fire, referring to fitting instructions.

SECTION TWELVE Wiring Diagram



IMPORTANT INFORMATION

Important

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

Model: **ENIGMA HE REMOTE** **Serial No.**

This information can be found on the label attached to the packaging and on the data badge, which is located on the appliance flange, top right behind trim.

Retailer Name: _____

Address: _____

Date of Purchase:

FDC (UK) Ltd

SALISBURY

Wiltshire

SP3 5HZ

Telephone 01722 716161

**PLEASE REGISTER YOUR FIRE TO
ACTIVATE THE WARRANTY**

Complete and return the form on page 28

THIS PAGE IS DELIBERATELY BLANK

PLEASE REGISTER YOUR 12 MONTH WARRANTY WITH US TODAY

Simply detach this sheet from this booklet, complete and return it in a stamped addressed envelope to:

YOUR DETAILS

Name _____

Address _____

Post Code

TELEPHONE No.

PRODUCT DETAILS

Model: : ENIGMA HE REMOTE **Serial No.**

Date of Purchase

This information can be found on the label attached to the packaging and on the data badge, which is located on the appliance flange, top right behind trim.

WHERE DID YOU PURCHASE THIS PRODUCT

Name _____

Address _____

Post Code

TELEPHONE No.

Installers Details

Name _____ **Gas Safe Registration No.** _____

Address _____

Telephone no. _____

ENIGMA HE Remote NG– Coal

Product ID Label	A-0328	Serial No Prefix	MR
			(NG)
Burner Tray / Box Assembly			
Restrictor Elbow (2613)			
Linings (Side, rear and top)			
Rear Matrix (4890)			
LH Front Matrix (4891)			
RH Front Matrix (4892)			
Coal Set (5616)			
Glass Panel			
Canopy & Fret Plate			
Sealing (4904)			
Wire Fixing Kit (0705)			
Battery (9V PP3)			
Remote Control Hand Set			
Battery Holder with Lead			
Battery Insulation Blanket			
AA Battery (12)			
Magnet (4 X Segment 3048)			
Owners Book			
Data Badge NG (Located behind trim)			
Warning Label			
ID Label & Packing Labels			
Serial Number			
Inspector			