



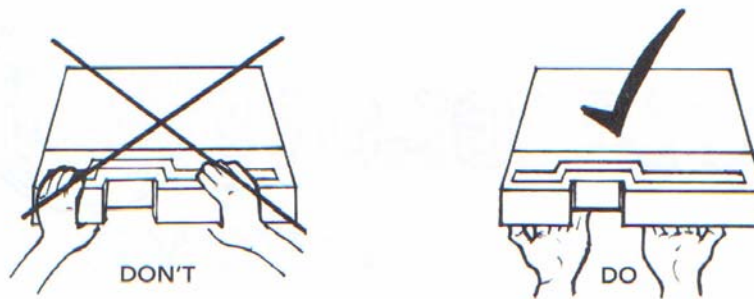
**GENESIS,
GENESIS SUPREME
&
GENESIS EXCEL**

DECORATIVE FUEL EFFECT APPLIANCES
FOR USE WITH NATURAL GAS

**INSTALLATION, SERVICING
& USER INSTRUCTIONS**

THESE INSTRUCTIONS TO
BE LEFT WITH THE USER

MANUFACTURED BY:
MULTIGLOW FIRES
Canterbury Road, St Nicholas-At-Wade
Kent CT7 0PQ



WARNING: The aeration chamber walls are susceptible to damage, therefore handle and place with care.

CONFORMITY

Because the manufacturers believe in the use of modern technology and materials, they reserve the right to modify or change the layout and controls of their fires, at any time, whilst still complying with current specifications.

Therefore, these 'Instructions' are a general guide only and not specifically in compliance with the shape or size of your appliance. These units must be installed in line with the current 'Gas Safety (Installation and Use) Regulations'.

NOTE: For the efficient operation of this burner tray, it should be used in conjunction with a fret or basket that has a minimum gapping of 25% to allow the unimpeded passage of air.

NOTE: No additional coals to be used other than those supplied with the fire.

NOTE: The instructions in this manual are the minimum requirements. All current, local and national regulations where applicable, must be observed.

GENERAL NOTES

- (1) The MULTIGLOW GENESIS is a Decorative Fuel Effect Aerated Gas Fire and is intended for decorative use only. It is designed to operate on Natural Gas and to be fitted into a conventional hearth with a Class 1 chimney using non-combustible materials and with a minimum flue opening of 178mm (7") diameter. Genesis Units of A and B size can be used with a class 2 flue (5") diameter.

ON NO ACCOUNT MUST THE APPLIANCE STAND ON COMBUSTIBLE MATERIALS OR CARPETS

WARNING: The MULTIGLOW GENESIS conforms to the relevant Safety Standards but during use, there are naked flames and parts of the casing become hot. A suitable guard (to BS.6539 fireguards for use with solid fuel appliances) is therefore recommended, where the young, elderly or infirm are concerned.

GENESIS GENERAL & TECHNICAL DATA

(2a)

| SIZE | A | B | C | D | F | G |
|--------------------------------|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
| RANGE IN SQ. CM (Surface Area) | 250/380 | 350/600 | 550/750 | 700/1000 | 700/1000 | 950/1250 |
| MASS IN kg (Inc. of Packaging) | 5.0 | 5.5 | 6.0 | 6.35 | 6.0 | 6.35 |
| GAS DATA | ← G20 GAS CAT.I2H → | | | | | |
| NET HEAT INPUT KW (BTU/HR) | 4.5 15354 | 6.3 21495 | 7.2 24566 | 8.7 29684 | 7.0 23884 | 9.7 33096 |
| CONTROLS | ← MULTI FUNCTIONAL → | | | | | |
| INJECTORS (Bray Type) PILOT | 16/420 | 16/420 | 16/540 | 16/650 | 16/540 | 16/750 |
| | ← PERMANENT (OXY-DEPLETION DEVICE) → | | | | | |
| CONNECTION | ← 8mm COMPRESSION CONNECTOR → | | | | | |
| SUPPLY PRESSURE | ← 20mBAR → | | | | | |
| BURNER TEST PRESSURE (M/Bars) | 9.9 | 18.7 | 18.5 | 17.1 | 17.6 | 16.9 |
| DATA LABEL | ← AFFIXED TO BURNER TRAY → | | | | | |

NOTE: Sizes A and B are rated below 7kw, therefore no vent is required if the flue flow for the clearance of the products of combustion is correct.

NOTE: Sizes A and B can be used with a class 2 flue (5" dia.).

NOTE: Size circled corresponds to this appliance.

GENESIS SUPREME GENERAL & TECH. DATA

(2b)

| SIZE | C | D | F | G |
|--------------------------------|--------------------------------------|---------------|---------------|---------------|
| RANGE IN SQ. CM (Surface Area) | 550/750 | 700/1000 | 700/1000 | 950/1250 |
| MASS IN kg (Inc. of Packaging) | 6.0 | 6.35 | 6.0 | 6.35 |
| GAS DATA | ← G20 GAS CAT.I2H → | | | |
| NET HEAT INPUT KW (BTU/HR) | 9.3 31731 | 10.9 37190 | 10.0 34120 | 12.5 42650 |
| CONTROLS | ← MULTI FUNCTIONAL → | | | |
| INJECTORS (Bray Type) PILOT | 16/750 | 16/900 | 16/900 | 16/1100 |
| | ← PERMANENT (OXY-DEPLETION DEVICE) → | | | |
| CONNECTION | ← 8mm COMPRESSION TYPE → | | | |
| SUPPLY PRESSURE | ← 20mBAR → | | | |
| BURNER TEST PRESSURE (M/Bars) | 16.0 | 15.7 | 15.5 | 13.6 |
| DATA LABEL | ← AFFIXED TO BURNER TRAY → | | | |

NOTE: Size circled corresponds to this appliance.

GENESIS EXCEL

(If the flue flow for the clearance of products of combustion is correct this unit can be used without a vent).

| SIZE | RANGE In Sq. cm | MASS KG. | GAS | CAT | HEAT (NET) Input KW | BTU/HR | INJECTOR | CON. | SUPPLY PRES. | BURNER TEST PRES. |
|------|--------------------|----------|-----|-----|------------------------|--------|----------|------|-----------------|----------------------|
| S | 570/655 | 6.0 | G20 | I2H | 6.3 | 21495 | 16/420 | 8mm | 20mBAR | 18mBAR |

NOTE: Size circled corresponds to this appliance.

INSTALLATION REQUIREMENTS

(3)

3.1 REGULATIONS AND CODES OF PRACTICE

In your own interest and safety it is law that all gas appliances are installed by a competent person, in accordance with the current Gas Safety (Installation and Use) Regulations.

In addition, they must be carried out in accordance with the relevant and current Local and National Building Regulations.

3.2 The minimum required fireplace, hearth and clearance dimensions are shown in fig.1.

WARNING: This appliance must not be fitted in any room where steam is present. (e.g. Bathroom)

3.3 The appliance must be mounted behind a non-combustible hearth and be 50mm (2") above floor level to discourage the over-laying of carpets or rugs etc.

3.4 The minimum clearance height above the fireplace opening for a combustible shelf (having a depth of 150mm (6") is 200mm (8") minimum add 12mm (½") for each additional 25mm (1") depth of shelf.

WARNING: Please note that soft wall coverings may become discoloured when close to a heating appliance - this should be born in mind.

3.5 The minimum flue opening is 178mm (7") diameter 250 sq. cm. (38½ sq. inches) and a minimum effective height 3m (10ft). *See Technical Data with regard to class 2 flue (Genesis A & B size only).*

WARNING: The flue must **NOT** be shared with any other appliance.

3.6 All chimney damper or restrictors should be removed or permanently fixed in the open position.

WARNING: If the fireplace has previously been used with solid fuel the flue should be swept clean prior to installation.

3.7 The room in which the appliance is to be fitted must have a permanent air vent with a minimum effective area of 100cm² (15.½"sq. in) and be accessible to the outside air, unless specifically stated otherwise by the manufacturer.

NOTE: Vent should be checked on a regular basis to ensure that there is no obstruction.

WARNING: An extractor fan **MUST NOT** be fitted in the room that the ventilation is taken from.

PRE-INSTALLATION CHECK

(4)

4.1 CHECK FOR FLUE PULL

Apply a lighted taper, or smoke match 50mm in from the top edge of the chimney opening. Observe the smoke. If there is a definite flow upwards continue with the installation.

WARNING: If there is no definite flow, the chimney may need attention – seek expert advice.

4.2 CHECK FIREPLACE FLOOR

Make sure that fireplace floor is level and sound. Make good, if necessary.

4.3 Check that there is a gas supply/isolating tap fitted and working.

4.4 CHECK CARTON CONTENTS

CONTENTS:

- 1 x Installation, Servicing & User Instructions
- 1 x Burner Control Unit
- 1 x Nut and Olive for 8mm Inlet Pipe
- 1 x 1.5 meter 8mm Copper Pipe
- 1 x Pack of Coals/Logs
- 1 x Pack Coal Support Fingers/Reflector Pads
- 1 x Coal Rack Support Pad

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

INSTALLATION

(5)

5.1 CHECK IGNITION ELECTRODE SPARK (SEE FIG.2)

The pilot and ignition unit is mounted to the right of the main burner unit.

The pilot burner is ignited by a spark produced when pushing in and turning control knob (fig.3) anti-clockwise until there is a definite click.

Check that a spark is produced between pilot burner and piezo electrode.

5.2 POSITIONING

If Your appliance is fitted with legs, it is a freestanding type and is to be secured to the hearth floor.

Proceed as follows:

- (a) Place appliance centrally into fire opening so that the back of the burner tray touches the rear wall of the fireback insert.
- (b) Mark the hearth floor through the fixing holes provided in appliance mounting legs.
- (c) Remove appliance and using a suitable masonry drill, drill marked positions and fit suitable raw plugs.
- (d) Replace and realign appliances, secure into position with suitable screws.

NOTE: If appliance is to be used in conjunction with a free-standing basket, place burner tray into basket and position both burner tray and basket centrally into hearth opening

5.3 CONNECT TO GAS SUPPLY

An 8mm nut and olive are supplied for the gas inlet connection. These are located on the right-hand side of the main valve (See fig.4). Connect the 8mm pipe supplied to the valve and to an isolating tap which must be adjacent to the appliance. (So that when tap is closed appliance is totally isolated).

WARNING: Flexible pipe must not be used.

5.4 Turn on gas supply and check for gas soundness. (Tests should be carried out in accordance with current Gas Safety Regulations.)

5.5 FIRE BED ASSEMBLY AND COAL PLACEMENT (SEE Fig.7)

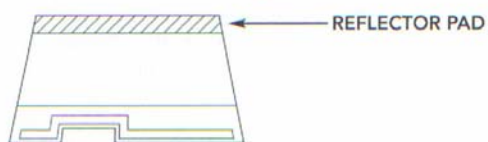
The following instructions are recommended procedures to obtain the most realistic flame effect. (The illustrations shown are for a 16" fire. For larger appliances, adjust accordingly).

STEP 1



CERAMIC FIBRE REFLECTOR PAD

REAR REFLECTOR (Fig.7A)



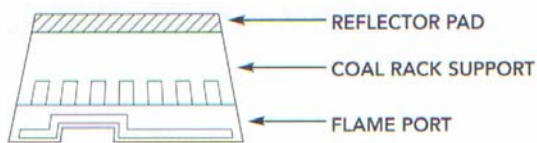
The rear reflector pad fits into the slot at the rear of the burner tray, with its tapered sides matching the taper of the burner tray.

STEP 2



CERAMIC FIBRE COAL RACK SUPPORT

COAL RACK SUPPORT PAD (Fig.7B)



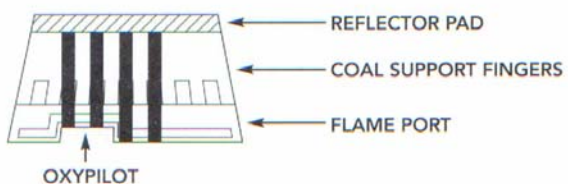
Place coal rack support pad flat into space between flame port and rear reflector pad.

STEP 3



CERAMIC FIBRE COAL SUPPORT FINGER

COAL SUPPORT FINGERS (Fig.7C)



Fit Coal Support Fingers into slots provided in Coal Rack Support Pads, so that the Heel is sitting on the front edge of Flame Port.

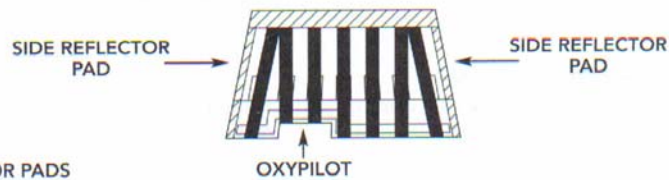
NOTE: The shorter Fingers are fitted in line with the Oxypilot.

STEP 4



CERAMIC FIBRE SIDE REFLECTOR PADS

SIDE REFLECTOR PAD (Fig.7D)

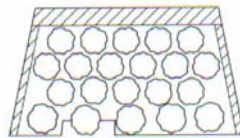


Fit the two side Reflector Pads into spaces provided between the Burner Tray sides and the Coal Rack Support Pad so that the curved edge is facing the front of the fire. Clip onto Burner Tray, Flame Port and Oxy-pilot Guard.

STEP 5

COAL PLACEMENT

COAL & LOG PLACEMENT



Where large and small coals have been provided, the large coals must be placed with gaps of 20mm ($\frac{3}{4}$ " to 14mm ($\frac{1}{2}$ " across the front edge of the fire. The small coals are then placed as a single layer on the Support Fingers so that there are 20mm ($\frac{3}{4}$ " to 14mm ($\frac{1}{2}$ " gaps between the coals (**NOTE:** some faces can be touching), until the full surface is covered. The balance of coals, if any, can be placed randomly on top to form a second layer.

NOTE: If small coals are only provided only these must be used.

LOG PLACEMENT (For Genesis Supreme see appendix 1.)

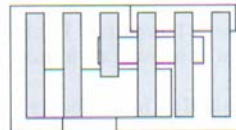
LAYER 1.

Base layer should consist of the largest logs. Lay bottom layer of logs lengthwise across Fingers leaving 25-30mm gaps.



LAYER 2.

Top layer of logs must be laid at right angles to the base layer leaving 25-30mm gaps between logs.

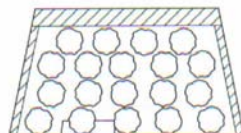


WARNING: The user is advised not to throw rubbish onto the fire and also not to disturb the fuel bed.

EXCEL COAL PLACEMENT

ONE LAYER

5 large and 14 small coals. Place 5 large coals at the front, with 14 -20mm gaps small coals behind large to give maximum gapping.



FUNCTION CHECKS

(6)

6.1 PILOT IGNITION

Push in and turn the Control Valve Knob (fig.3) anti-clockwise until there is a definite click. The pilot burner should now be lit, hold control knob in for 10 seconds, then release. The pilot burner should remain alight (if not, repeat the operation).

6.2 CONTROL POSITIONS (FIG.4)

6.2.1 With the pilot burner lit, push in Control Valve Knob and turn fully anti-clockwise to the 'High' position. The main burner will ignite.

6.2.2 On lighting the main burner, it should remain on its 'High' setting for 10 minutes before turning to the 'Low' position.

6.2.3 Turn Control Valve Knob back clockwise to the 'Low' position. The flames will lower but remain alight.

6.2.4 Depress knob slightly and turn clockwise to the pilot position. The main burner will extinguish but the pilot will remain alight.

6.2.5 Depress knob slightly and turn clockwise to the 'Off' position. The pilot will now go out.

6.3 REFERENCE PRESSURE (FIG.5)

The appliance is preset to the given heat input for the inlet pressure given on the Data Label.

No further adjustment should be necessary. However, the burner can be checked by fitting a pressure gauge at the Test Point accessible to the left of the Control Valve. The pressure should be checked with the appliance alight and the control set at 'High'. After checking pressure, turn off appliance, remove Pressure Gauge, replace Test Point Seal Screw and check gas soundness.

6.4 CHECK FOR SPILLAGE (FIG.6)

IMPORTANT: A spillage check must be made before the installed appliance is handed over to the customer.

6.4.1 This test is to be carried out with the appliance fully fitted and front grate in position.

- (a) Close all doors and windows of the room in which appliance is fitted.
- (b) Light the fire and set the control to maximum and leave appliance on for 5 minutes.

6.4.2 After five (5) minutes, light a smoke match and position flush with fireplace opening, a minimum of 50mm (2") from side and a maximum of 50mm (2") from top.

The installation is satisfactory if the smoke is drawn into the chimney and out of the room. If this does not happen then leave fire alight for a further ten minutes and check again.

6.4.3 This appliance is fitted with a pre-set Oxygen Depletion System incorporated in the Pilot Ignition Unit. Therefore this system must not be adjusted or put out of operation and must be replaced with a complete unit of original manufacture in the event of renewal.

WARNING: If smoke is still not drawn into the chimney, turn off and disconnect the appliance and seek expert advice.

WARNING: If the fire goes out under normal operation and continues to go out after relighting, spillage has occurred and the flue should be checked.

FINAL CHECK & CUSTOMER BRIEFING

(7)

- 7.1 Instruct the customer on the full operation of the appliance.
- 7.2 Recommend to the customer that the appliance should be serviced by a competent person annually.
- 7.3 Recommend to the customer that on a yearly basis the flue should be swept and that rubbish should not be burnt on the fire or fuel bed disturbed.
- 7.4 Instruct the customer that the pilot and flame sensing device fitted to this fire, also acts as an atmospheric sensing device, which shuts off the appliance if the evacuation of the products of the combustion is interrupted.
- If the fire shuts off, restart the main burner as stated in section 6. If the appliance fails to relight or repeatedly cuts off, then do not use and inform a qualified person.
- 7.5 Hand over these User Instructions to the Customer.

SERVICING

(8)

SPARES LIST

See Figs. 2, 3, 4 & 7

| FIG. NO. | DESCRIPTION | PART NO. | QTY. |
|----------|------------------------------|----------|------|
| 2 | PILOT BURNER & IGNITION UNIT | | 1 |
| 3 | CONTROL VALVE COVER-KNOB | | 1 |
| 4 | MAIN CONTROL VALVE | | 1 |
| 7A | REAR REFLECTOR PAD | | 1 |
| 7B | COAL RACK SUPPORT PAD | | 1 |
| 7C | COAL SUPPORT FINGERS | | 1SET |
| 7D | SIDE REFLECTOR PADS | | 2 |

Turn off gas supply before commencing any servicing. Always test for gas soundness and spillage after refitting the appliance.

8.1 GENERAL MAINTENANCE

At yearly intervals, turn off and allow to cool down. Check all coals/logs, pilot burner/ignition unit, for soot or debris deposits. These can cause imperfect flame appearance and should be removed by lightly vacuuming. Replace all misplaced coals/logs and relight.

NOTE: On the failure of either the pilot burner/ignition unit, or main control valve, have repairs carried out by a competent person.

8.2 RENEWING PILOT BURNER/IGNITION UNIT (Fig.2)

- 8.2.1 Isolate gas supply.
- 8.2.2 Remove all coal/logs, remove front grate bars where applicable and coal/log support fingers - store in a safe place.
- 8.2.3 Disconnect main 8mm gas supply pipe from control valve (fig.4).
- 8.2.4 Remove appliance fixing screws from fireplace floor and remove appliance from fireplace.
- 8.2.5 Undo and remove thermocouple nut from the rear of control valve.
- 8.2.6 Disconnect and remove piezo ignition wiring from ignition electrode (fig.2).
- 8.2.7 Undo and remove the gas supply pipe from the bottom of pilot burner (fig.2).
- 8.2.8 Undo and remove 2 x 4mm locating nuts on pilot/ignition unit. Remove unit.
- 8.2.9 Replace with new unit and reassemble in reverse order.

8.3 RENEWING FLAME FAILURE CONTROL VALVE (Fig.4)

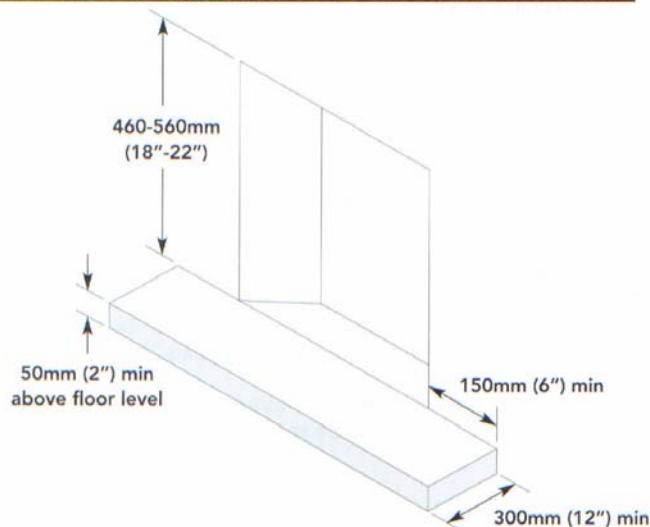
- 8.3.1 Proceed as 8.2.1 to 8.2.5.
- 8.3.2 Undo and remove the main burner gas supply pipe (fig.4).
- 8.3.3 Undo and remove the pilot gas supply pipe located on the body of the main valve (fig.4).
- 8.3.4 Remove Control Knob by pulling firmly (fig.3).
- 8.3.5 Remove Control Valve Cover (fig.3).
- 8.3.6 Remove Main Valve Unit by removing Securing Screw.
- 8.3.7 Replace with new unit and reassemble in reverse order.

8.4 REPLACING/RENEWING CERAMIC FIBRE PARTS (Fig.7)

When renewing or replacing Ceramic Fibre Parts, this should be carried out in accordance with 5.5 of these Instructions.

FIREPLACE DIMENSIONS & CLEARANCES

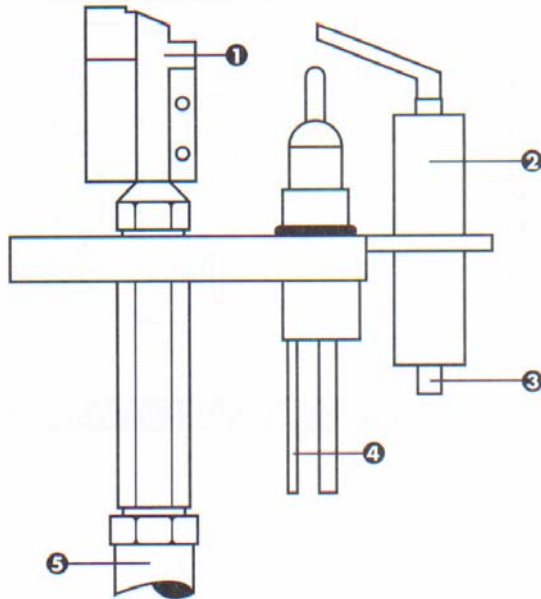
Fig.1



PILOT & IGNITION UNIT

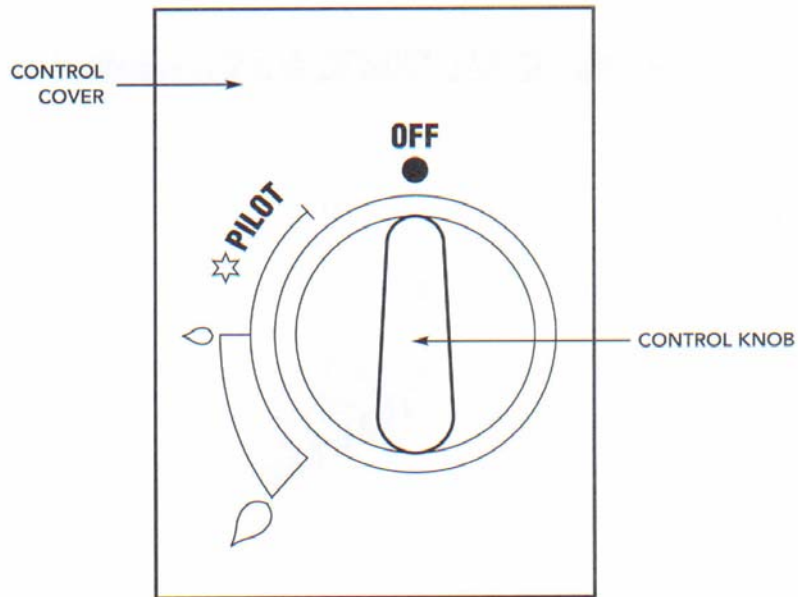
Fig.2

- ① Pilot Burner
- ② Ignition Electrode
- ③ Piezo Lead Connection
- ④ Thermocouple
- ⑤ 4mm Copper Tube Connection



BURNER & PILOT CONTROL PUSH IN & TURN ANTI-CLOCKWISE

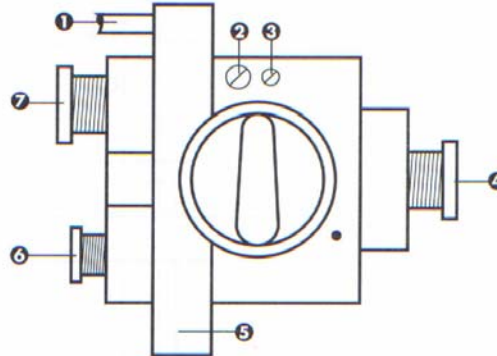
Fig.3



FLAME FAILURE CONTROL VALVE WITH INTEGRAL PIEZO IGNITION

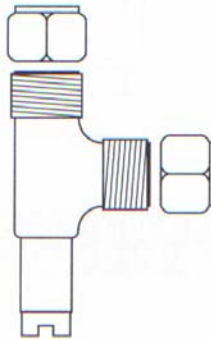
Fig.4

- ① Piezo Lead
- ② High Setting Screw
- ③ Low Setting Screw
- ④ Gas Supply
- ⑤ Piezo Ignition
- ⑥ 4mm Copper Tube Connection
- ⑦ 8mm Copper Tube Connection



PRESSURE TEST POINT

Fig.5



SPILLAGE TEST

Fig.6

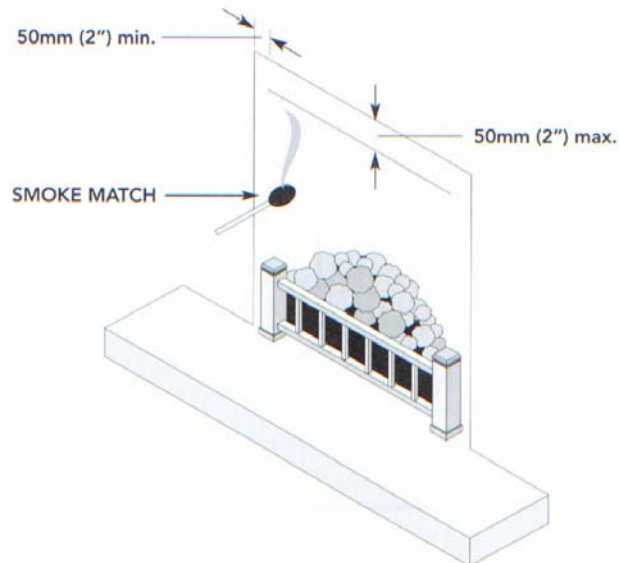


Fig.7

CERAMIC FIBRE PARTS

WHEN ORDERING PLEASE SPECIFY 'H' & 'L' DIMENSIONS

Fig.7A

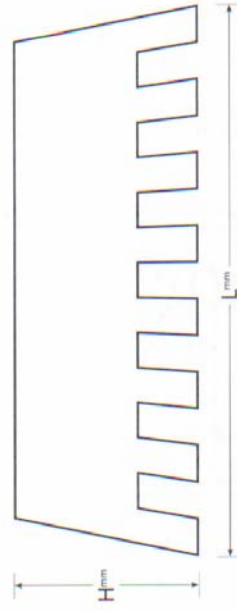
REAR REFLECTOR PAD



25mm CERAMIC FIBRE BOARD

Fig.7B

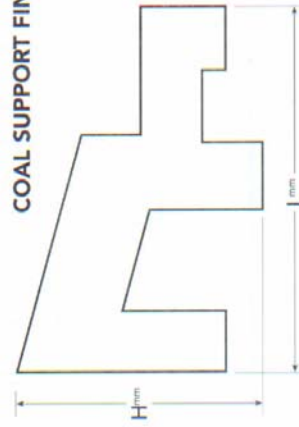
COAL RACK SUPPORT PAD



25mm CERAMIC FIBRE BOARD

Fig.7AC

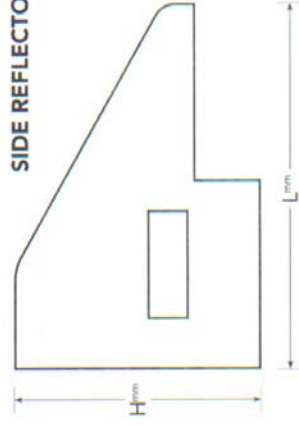
COAL SUPPORT FINGERS



15mm CERAMIC FIBRE BOARD

Fig.7BD

SIDE REFLECTOR PADS



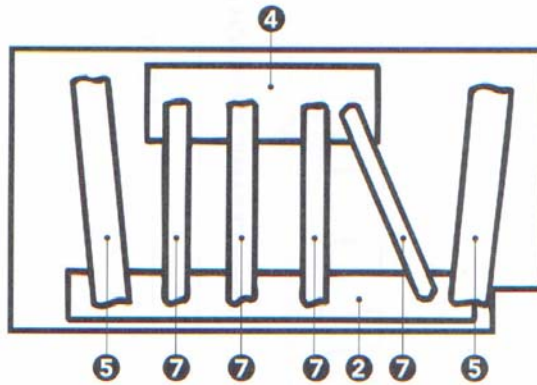
15mm CERAMIC FIBRE BOARD

APPENDIX 1

LOG LAYOUTS

'F' RANGE

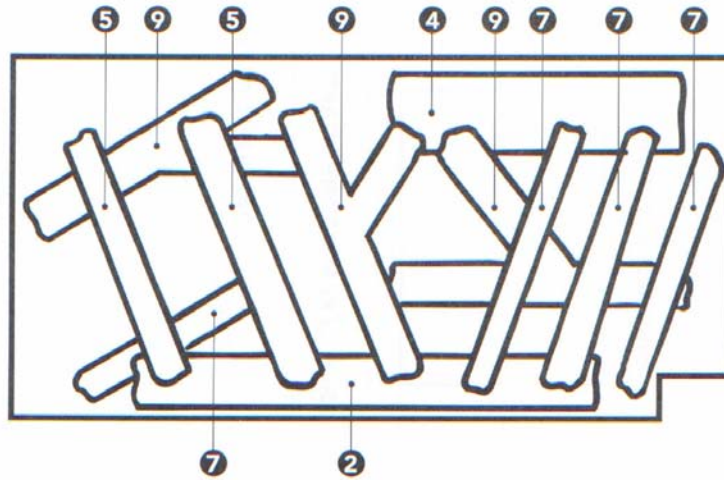
2 LAYERS



2 Logs on first layer (1 x No.2, 1 x No.4)
6 Logs on second layer (2 x No.5, 4 x No.7)

'G' RANGE

2 LAYERS



5 Logs on first layer (1 x No. 2, 1 x No.4, 1 x No.7, 2 x No.9)
6 Logs on second layer (2 x No.5, 3 x No.7, 1 x No.9)

NOTE: Logs should be placed such as to prevent rolling.

