AGA DUAL CONTROL

Model No's: DC3G & DC5G

Installation Guide

PLEASE READ THESE INSTRUCTIONS BEFORE COMMENCING SITE SURVEY OR INSTALLING THIS APPLIANCE.

IMPORTANT : SAVE INSTRUCTIONS FOR FUTURE REFERENCE

IMPORTANT : CONSERVER CES INSTRUCTIONS POUR REFERENCE FUTURE

For use in USA/Canada

06/15 EINS 516911

CONTENTS

PRODUCT SAFETY

MEANING/DESCRIPTION	SYMBOL	SIGNIFICATION/DESCRIPTION
WARNING/CAUTION An appropriate safety instruction should be followed or caution to a potential hazard exists.		**AVERTISSEMENT** Une consigne de sécurité appropriée doivent être suivies ou garde d'un danger potentiel exists.
DANGEROUS VOLTAGE To indicate hazards arising from dangerous voltages.		**TENSION DANGEREUSE** Pour indiquer les dangers résultant des tensions dangereuses.
PROTECTIVE EARTH (GROUND) To identify any terminal which is intended for connection to an external conductor for protection against electric shock in case of a fault, or the terminal of a protective earth (ground) electrode.		**TERRE DE PROTECTION** Pour marquer bornes destinées à être raccordées à un conducteur de protection extérieur contre les chocs éclectiques en cas de défaut d'isolement, ou pour marquer la borne de la terre de protection.
HEAVY This product is heavy and reference should be made to the safety instructions for provisions of lifting and moving.		**LOURD** Ce produit est lourd et doit être fait référence auc consignes de sécurité relatives aux dispositions de soulever et déplacer.
DISCONNECT MAINS SUPPLY Disconnect incoming supply before inspection or maintenance.		**APPAREIL À LASER DE CLASSE 2** Alimentation d'entrée Débrancher avant inspection ou d'entretien.
REFER TO MANUAL Refer to relevant instructions detailed within the product manual.		**ATTENTION, SURFACE TRÉS CHAUDE** Reportez-vous aux instructions applicables, indiquées dans le manuel du produit.

GENERAL NOTES

NOTE: THESE INSTALLATION INSTRUCTIONS SHOULD BE LEFT WITH THE RANGE AND THE USER TO RETAIN FOR FUTURE REFERENCE.

DELIVERY REQUIREMENTS

The AGA DC3 arrives on 1 pallet.

The AGA DC5 (Hotcupboard Option) arrives on 2 pallets.

Vent Pipe Installation kit (AG1M212542) arrives in a separate carton.

There must be access to the kitchen to manipulate a foot print of 39 9/16" (1005mm) x 29 1/8" (740mm). A wooden template (skate with castor wheels) of dimensions 39 9/16" (1005mm) x 29 1/8" (740mm) could be used to check if the AGA Dual Control fully built appliance is able to fit through the property grounds and doors into its installation position in the kitchen. It must also be considered that the height of the appliance is 37 3/4" (960mm) off pallet and 43 1/4 " (1100mm) on the pallet, so high level obstacles/restrictions must not be overlooked.

If this skate/template **can** be manipulated through the property grounds and doorsinto position, then the AGA Dual Control can be installed as intended with no re-work.

GENERAL INSTALLATION REQUIREMENTS

The installation of the range must be in accordance with the relevant requirements of the local Wiring and Building Regulations. It should be in accordance also with any relevant requirements of the local or state codes.

In your own interest and that of safety to comply with the law, all appliances should be installed by an authorized AGA distributor in accordance with the relevant regulations.

CAUTION:
THIS UNIT IS HEAVY, PROPER EQUIPMENT AND ADEQUATE MANPOWER MUST BE USED IN MOVING THE RANGE TO AVOID DAMAGE TO THE UNIT OR THE FLOOR

APPLIANCE DIMENSIONS - AGA DC3G

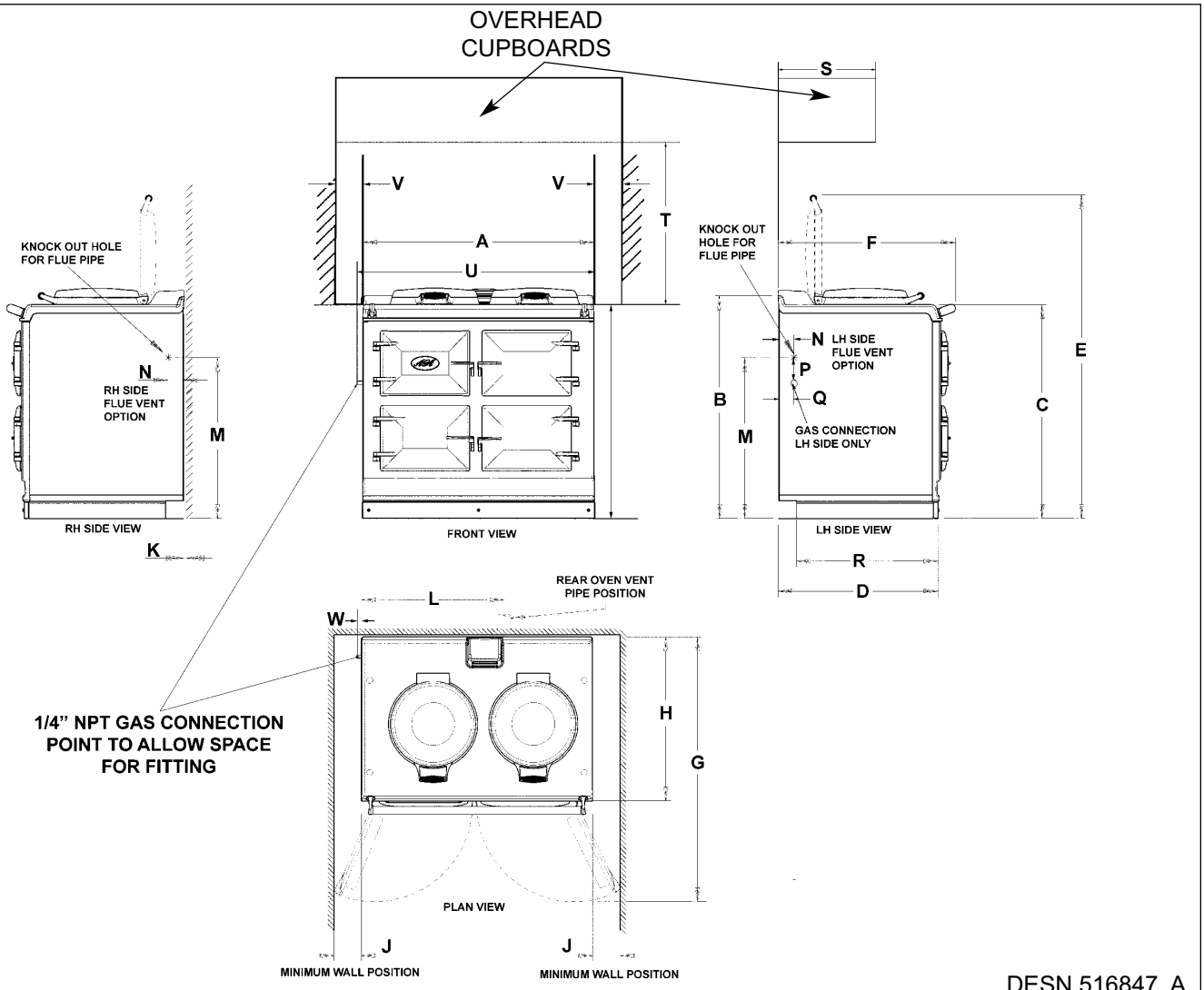


Fig. 1 DESN 516847 A

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
mm	987	951	913	680	1388	760	1145	698	116	10	565	689	43	118	55	634	330	760	996	75	9
inch	38 7/8	37 1/2	36	26 3/4	54 5/8	29 7/8	45 1/8	27 1/2	4 9/16	3/8	22 1/4	27 1/8	1 3/4	4 5/8	2 1/8	25	13	30	39 3/16	3	3/8

Range Dimensions

When surveying for a range installation the actual clearance required for the 'body' of the appliance should be increased by 3/8" beyond the figures quoted above. This allows safe margin to take into account the natural dimensional variations found in major castings. In particular the width across the appliance recess could be critical.

APPLIANCE WEIGHT (Excludes Packaging)

Model: AGA Dual Control (DC3G) - 996lb (452kg)

GAS CONNECTION - AGA DC3G ONLY

1/4" NPT MALE AT LEFT REAR OF APPLIANCE

NOTE: GAS CONNECTION POINT PROTRUDES

APPLIANCE DIMENSIONS - AGA DC5G

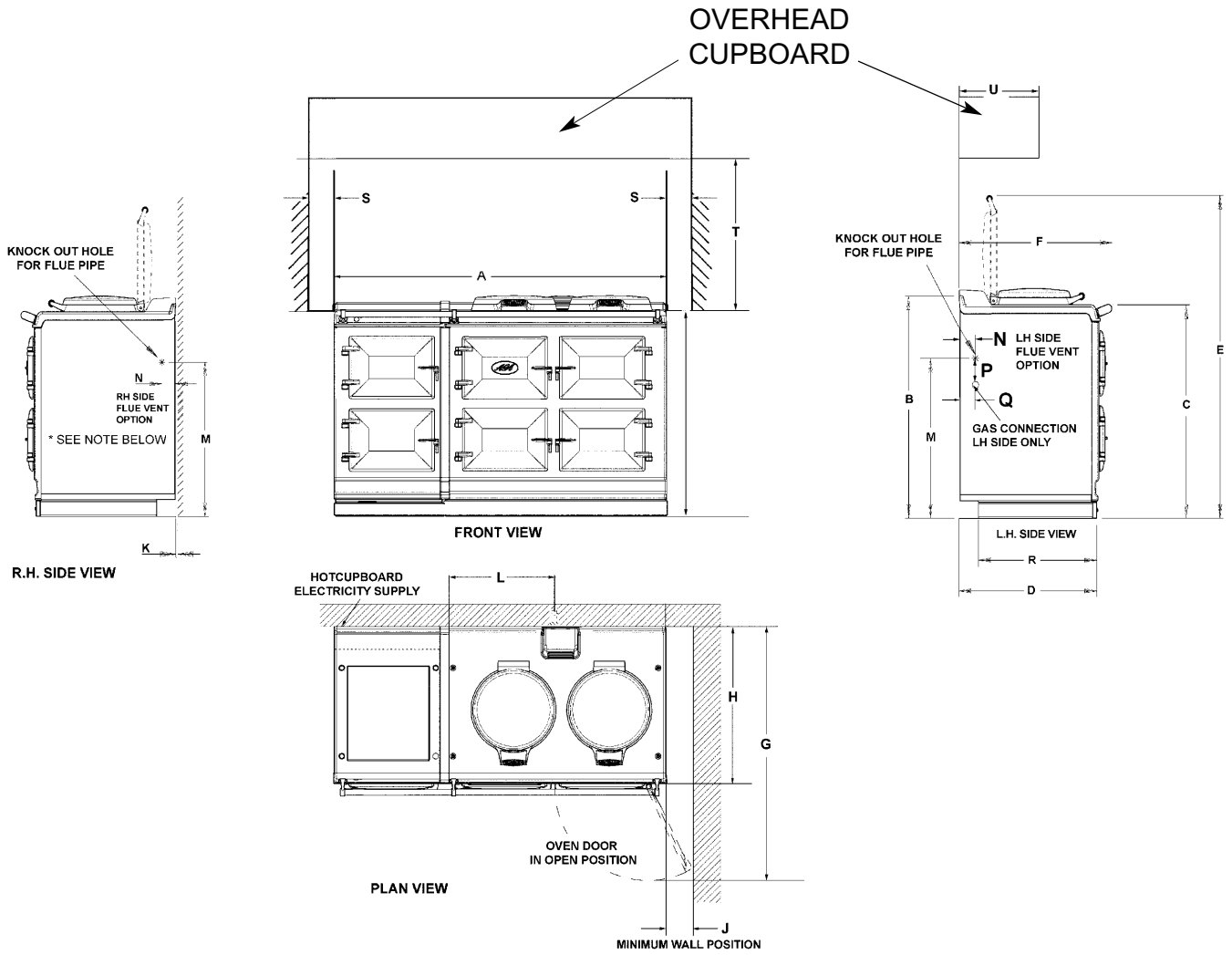


Fig. 2 DESN 516848 A

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
mm	1478	951	913	680	1388	760	1145	698	116	10	565	689	43	118	55	634	75	760	330
inch	58 1/4	37 1/2	36	26 3/4	54 5/8	29 7/8	45 1/8	27 1/2	4 9/16	3/8	22 1/4	27 1/8	1 3/4	4 5/8	2 1/8	25	3	30	13

Range Dimensions

When surveying for a range installation the actual clearance required for the 'body' of the appliance should be increased by 3/8" beyond the figures quoted above. This allows safe margin to take into account the natural dimensional variations found in major castings. In particular the width across the appliance recess could be critical.

APPLIANCE WEIGHT (Excludes Packaging)

Model: AGA Dual Control (DC3) - 996lb (452kg)

Hotcupboard - 242lb (110kg)

Data plate located behind plinth.

***NOTE:** A 5" CLEARANCE HOLE IS REQUIRED THROUGH COMBUSTIBLE MATERIAL, TO ALLOW 1 1/2" CLEARANCE AROUND THE FLUE PIPE, (See Fig. 8), Page 15.

TECHNICAL DATA

Models AGA DC3G and DC5G	
NATURAL GAS	
MAXIMUM HEAT INPUT	6,800 Btu/hr
Thermostat Bypass	70
Main Burner Injector	112
Gas Supervision Injector	4212
Minimum Inlet Pressure	5” w.g.
Burner Pressure	4” w.g.

INSTALLATION

Range Base or Hearth

It is essential that the base or hearth on which the range stands should be level and be capable of supporting the total weight of the range 8.9 cwt. The base of the built-in AGA plinth must be level and sit above the finished height for service access.

Plinth

The front plinth cover is removable and must not be obstructed by flooring or tiles. If necessary the range must be raised by the thickness of the tiles to ensure the plinth can be removed.

Rear Wall

Since this appliance runs continuously, please take note of these **IMPORTANT** instructions:

Combustible Walls

Houses constructed of combustible materials (such as all-timber or stud wall partitions and batoned plasterboarded walls) require special wall heat protection features.

Non-combustible material behind a range must be of at least 1” (25mm) thick insulation board (Monolux or equivalent), up to hotplate level.

SPECIAL NOTE: Ensure electric cabling or plastic services do not pass within or on the outside of the wall, behind or directly above the range.

This type of material can age prematurely when exposed to continuous higher ambient temperature.

Alternatively the range can be spaced 1 1/2” (38mm) away from the wall to create an air gap.

The air gap must be left open and **NOT** blocked off across the top edge.

Side Clearances

A 1/8” (3mm) gap is required each side between the range top plate and adjoining work surfaces that may be fitted, this is to allow for the safe removal of the top plate should this be required at a later date.

Where ranges are to be fitted against a side wall a 4 9/16” (116mm) clearance is required on the right and left hand side for oven door access.

If the AGA is to be installed in a brick recess, then the minimum clearance should be increased by at least 3/8” (10mm), to allow for the walls not being square.

In addition a minimum clearance of 39 3/8” (1000mm) must be available at the front of the range to enable the range to be serviced.

Tiling

When the range is to stand in a recess or against a wall which is to be tiled, under no circumstances should the tiles overlap the range top plate, access to remove the hotplate must be allowed for servicing at a later date.

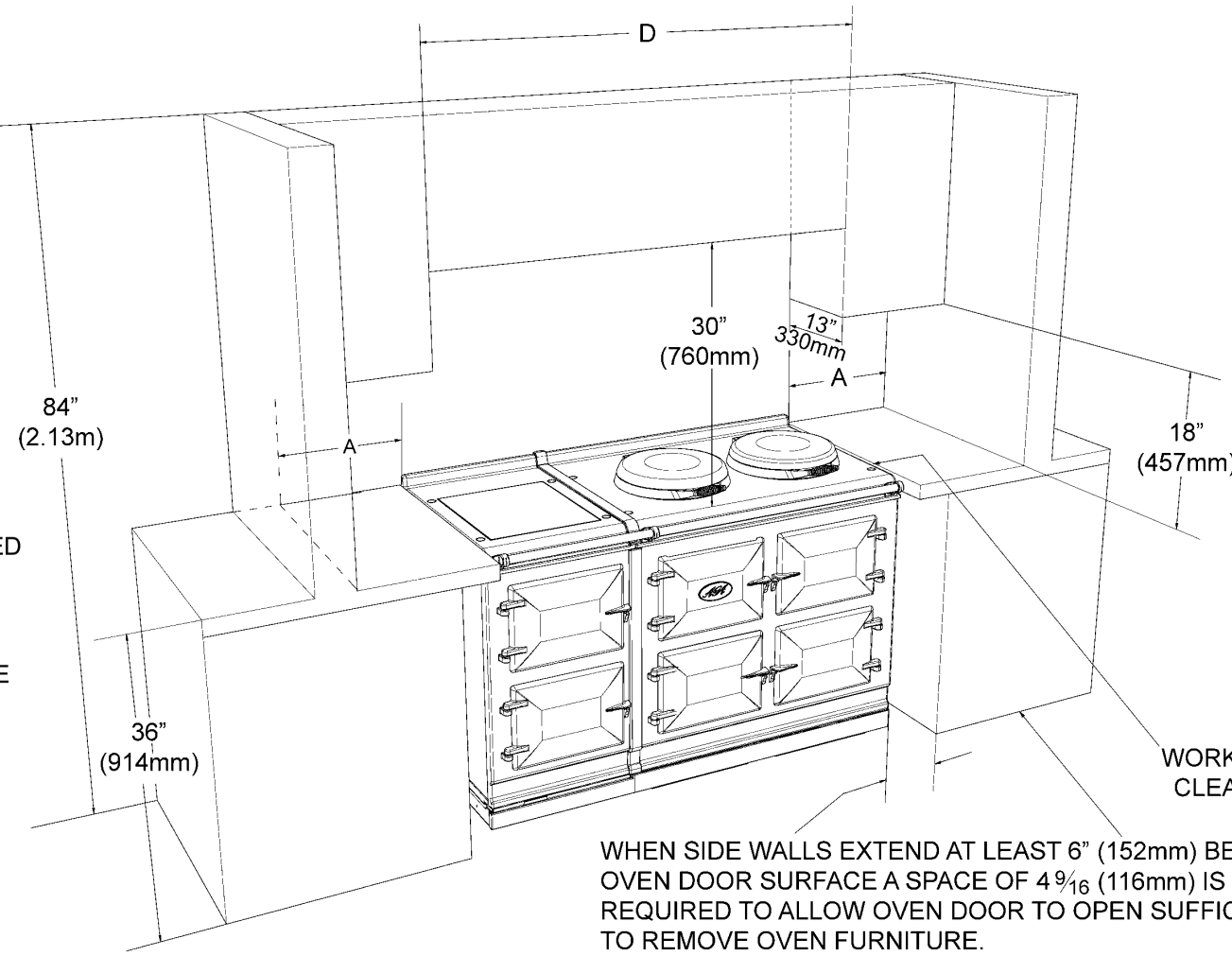
A gap of at least 3/8" (10mm) must be observed from the rear of the top plate and the wall behind the range.

⚠ Overhead Cabinets

To eliminate the risk of burns or fires by reaching over hot surface units, cabinet storage space located above the surface units should be avoided.

Installation Clearance of Combustible Cabinets Adjacent to Range

1/2" CLEARANCE TO THE BACK OF THE RANGE MAY BE OBTAINED WHEN INSTALLING THE APPLIANCE AGAINST A NON-COMBUSTIBLE WALL OR IF THE WALL BEHIND THE RANGE IS DEEMED COMBUSTIBLE THEN THE MINIMUM SPACING FROM THE BACK OF THE RANGE TO THE NEAREST COMBUSTIBLE WALL IS 1 1/2" (38mm).



NOTE: ANY OVERHEAD FITTED CABINETS MUST NOT EXCEED 13" PROJECTED DEPTH ABOVE THE RANGE.
DIM 'D' TO BE NOT LESS THAN THE NORMAL WIDTH OF THE RANGE.

Top Plate Adjustment - AGA DC3 (See Fig. 4)

In general, adjustment of the top plate is to be avoided. However minimum use of the top plate adjusters can be used to improve the alignment of the top plate.

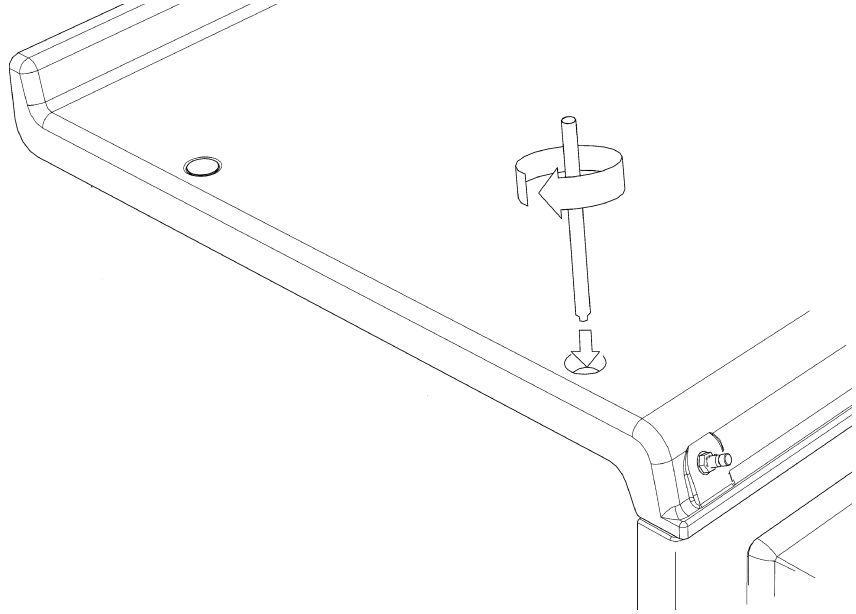


Fig. 4 DESN 516751

CONNECTION TO THE POWER SUPPLY - AGA DC3G

Electric Shock Hazard

Rating Plate is located behind removable plinth, see Fig. 5, Page 13

Electrical Grounding is required on this appliance.

DO NOT connect to the electrical supply until the appliance is permanently grounded.

This appliance must be connected to a grounded metallic permanent supply or a grounding connector should be connected to the grounding terminal or wire lead on the appliance.

Failure to follow these instructions could result in death or serious injury.

This range must be supplied with a 240V, 60Hz power supply and connected to an individual, properly grounded branch circuit protected by a circuit breaker. At 240V, it has a maximum load of 30 amps. Electric hook-up must be done by a licensed electrician. This unit must be installed according to regional codes, or in the absence of codes, the National Electrical Code.

- Product installation requires a separate (not shared) 240V/40 amp circuit protected by an appropriate branch circuit supply.
- The service cord on your range is fitted with a standard four (4) prong type 14-50P plug (matching receptacle 14-50R).

The method of connection to the mains electricity supply must facilitate complete electrical isolation of the appliance.

The mains connection and isolation should not be positioned above the range and must be positioned within the area defined in Fig. 5A, Page 13.

THIS RANGE MUST BE COMPLETELY ISOLATED FROM THE ELECTRICITY SUPPLY BEFORE SERVICING. THE RANGE IS DESIGNED FOR THE VOLTAGE STATED ON THE RATING PLATE, WHICH IS SITUATED BEHIND THE PLINTH COVER.

POWER SUPPLY - HOTCUPBOARD (AGA DC5)

The hotcupboard attachment requires an independent single phase supply. It has a maximum load of 6 amps, protected by an appropriate branch circuit supply.

110/120V FLEXIBLE CORD and PLUG PARALLEL TYPE (NEMA 5-15P). The appliance when installed must be electrically grounded with local or state codes.

An electrical socket must be provided within 5 feet of the LH side of the appliance and easily accessible for the user to disconnect. Do not position the socket above the appliance. See Fig. 6A, Page 14.

Take special care when cutting holes in wall or floor. Electrical wires may be behind the wall or floor covering and could cause an electrical shock if you touch them.

Locate any electrical circuits that could be affected by the installation of this product and disconnect power circuit.

WARNING
Electrical Grounding Instructions

This appliance is equipped with a NEMA 5-15P grounded plug for your protection against a shock hazard and should be plugged directly into a proper receptacle. Do not cut or remove the grounding prong from this plug.

Do not have a fuse in the neutral or grounding circuit. A fuse in the neutral or grounding circuit could result in electrical shock.

Do not use an extension cord with this appliance.

Check with a qualified electrician, if you are not sure the appliance is properly grounded.

Failure to follow these instructions could result in death or serious injury.

MAINS CABLE ROUTING - AGA DC3G

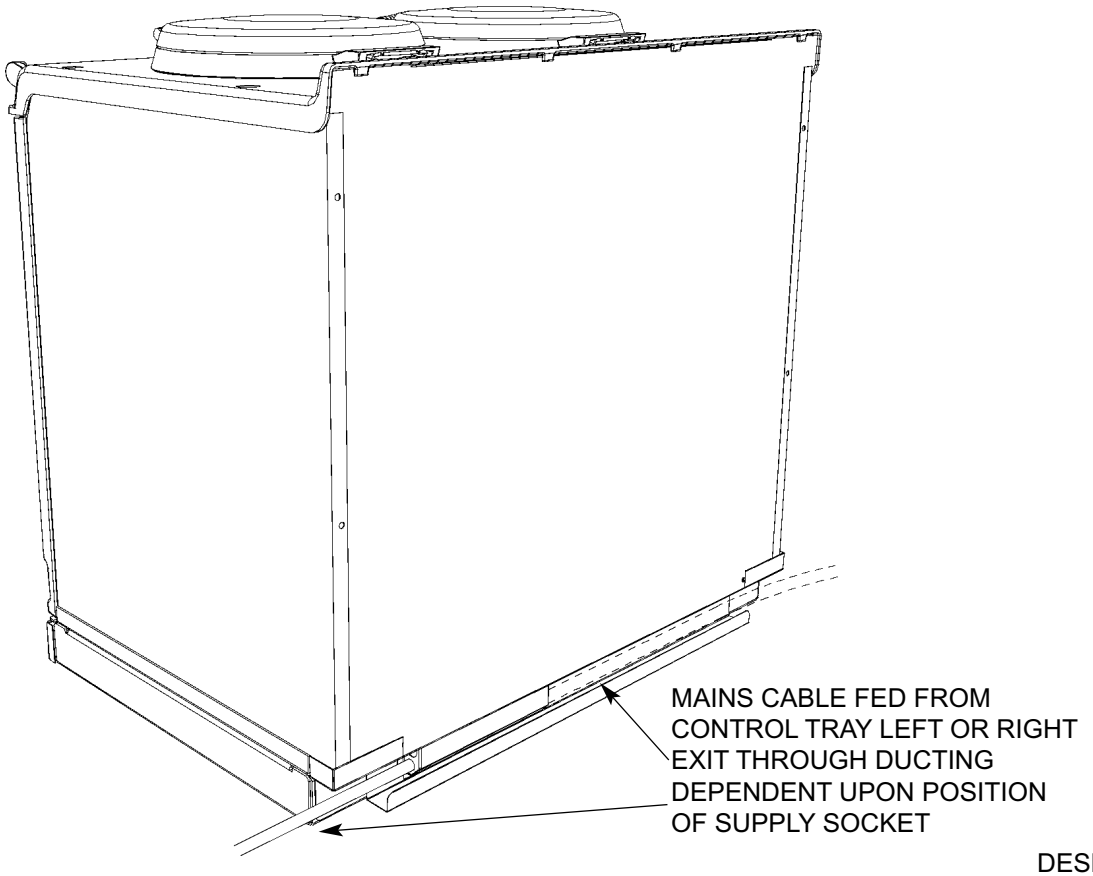
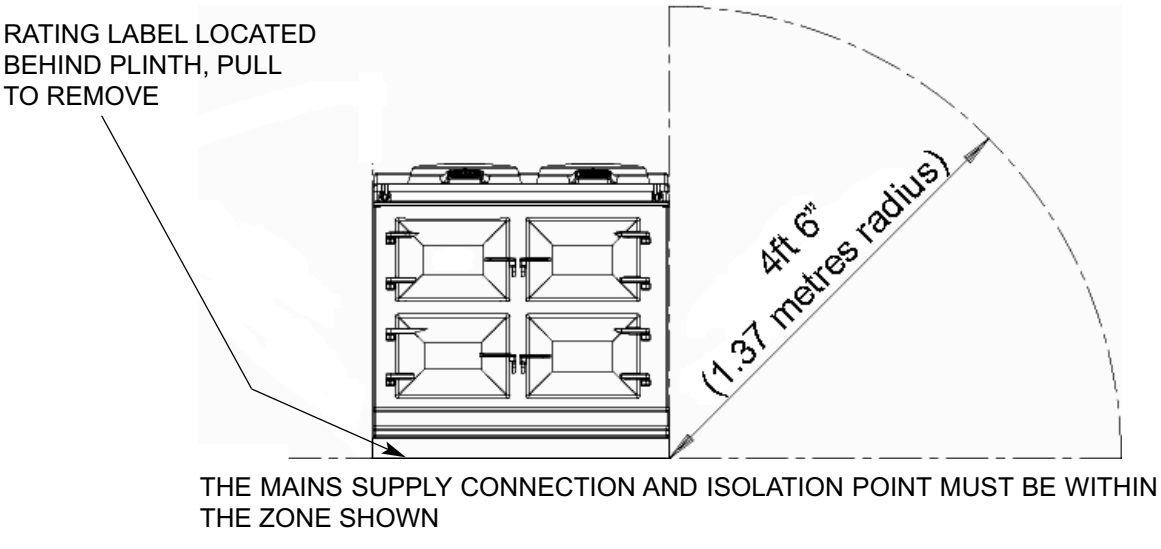


Fig. 5 DESN 516643



THE MAINS SUPPLY CONNECTION AND ISOLATION POINT MUST BE WITHIN THE ZONE SHOWN

Fig. 5A DESN 516295

MAINS SUPPLY LOCATION - AGA DC5 (HOTCUPBOARD OPTION)

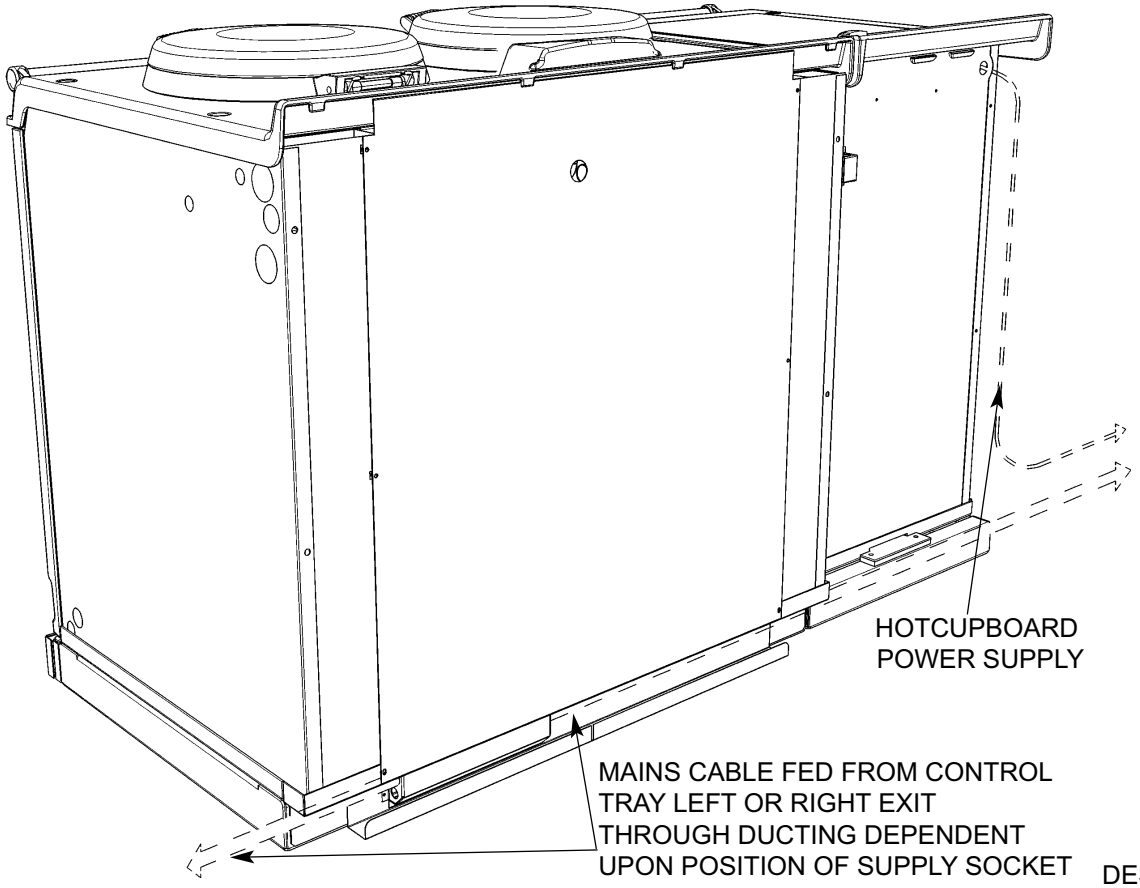
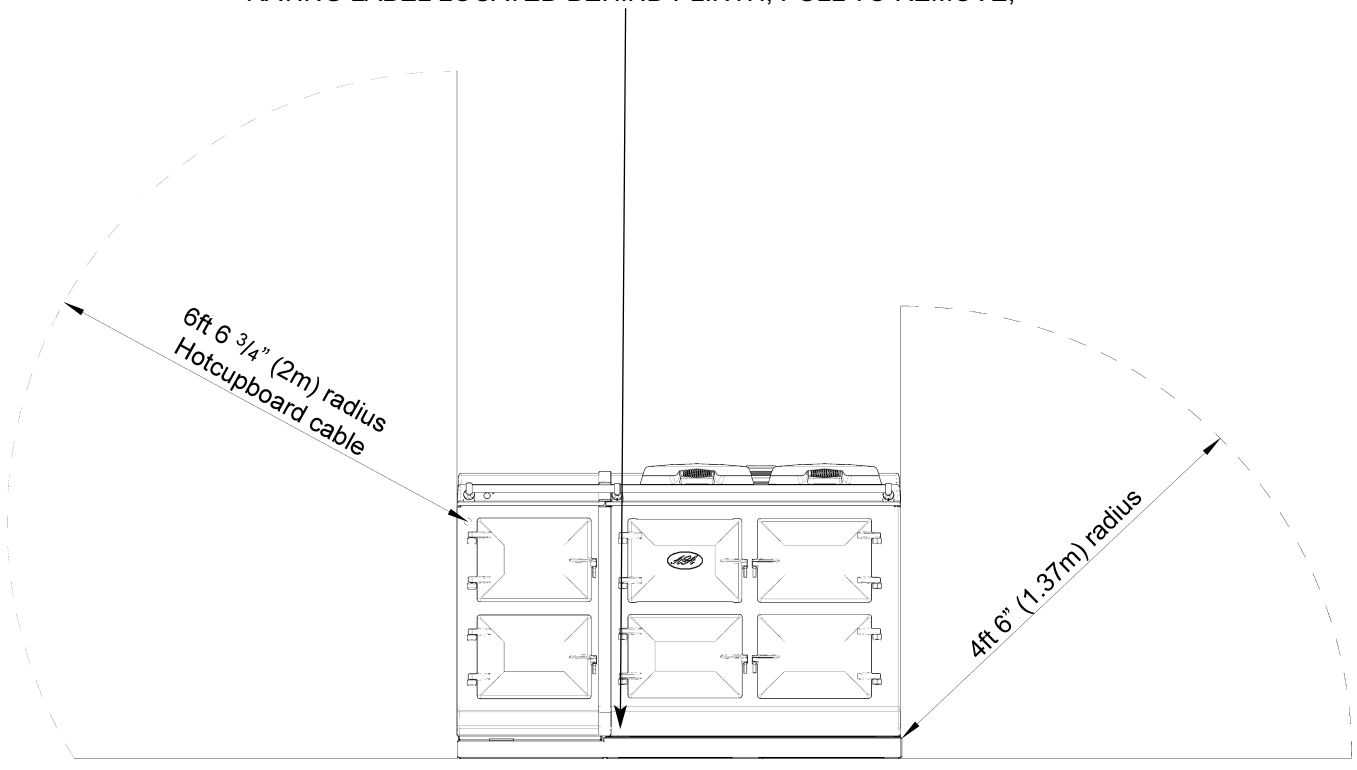


Fig. 6

DESN 516562



THE MAINS SUPPLY CONNECT POINT MUST BE WITHIN THE ZONES SHOWN

Fig. 6A

DESN 516590 A

FLUE SYSTEM

SEE FIGS. 7, 8, 9, 10 & 11

The flue system must be installed in accordance with the federal, state and local codes.

Only genuine AGA approved flue pipe is to be used.

Maximum permitted flue length run including bends is 13 ft.

Products of combustion discharge is by a fan powered flue pipe of 2” (50mm) diameter which can reach up to 13’ (4 metres) in length through a maximum of 4 x 90° bend. Exits from the appliance can be from rear, LH or RH sides. (See Figs. 8 and 9).

The flue pipe should protrude through the outside wall fixing plate by 1” (25mm) (See Fig. 7).

Terminal Position

The minimum acceptable spacings from the terminal to obstructions and ventilation openings are as shown in Fig. 9.

Where the terminal is fitted within 23 5/8” (600mm) below plastic guttering an aluminium shield 39 3/8” (1000mm) long should be fitted to the underside and immediately beneath the guttering or eaves.
Where the terminal is fitted within 17 3/4” (450mm) below eaves or painted guttering an aluminium shield 29 1/2 (750mm) long should be fitted to the underside and immediately beneath the guttering or eaves.

Terminal Protection

A terminal guard is supplied with the range and must be fitted, if flue termination is less than 78 3/4” (2 metres) above ground level, or subject to damage.
When fitted, it must be positioned to provide a minimum of 2” (50mm) clearance from any part of the terminal and be central over the terminal.

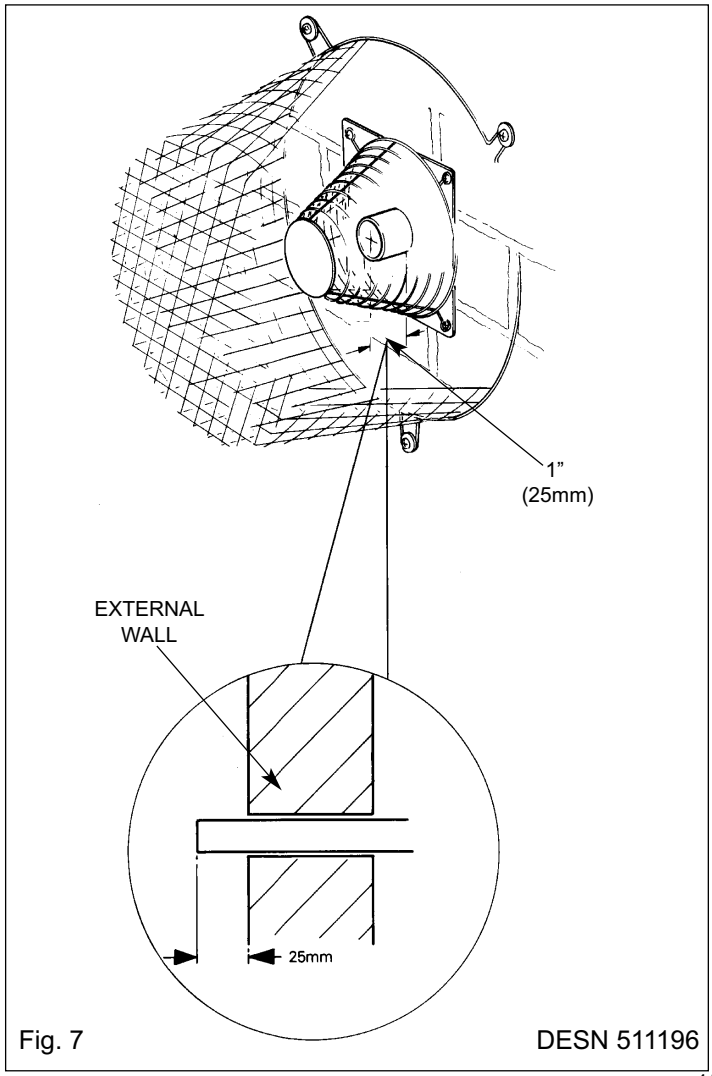


Fig. 7 DESN 511196

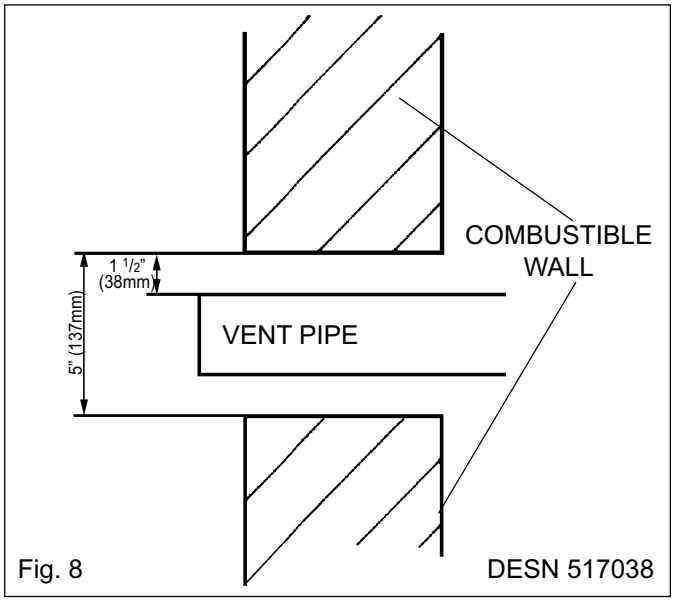
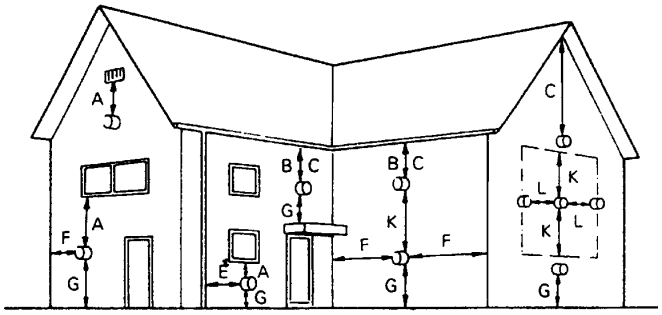


Fig. 8 DESN 517038

NOTE: A 5” hole clearance is required through combustible material, to allow 1 1/2” clearance around flue pipe, (See Fig. 8).

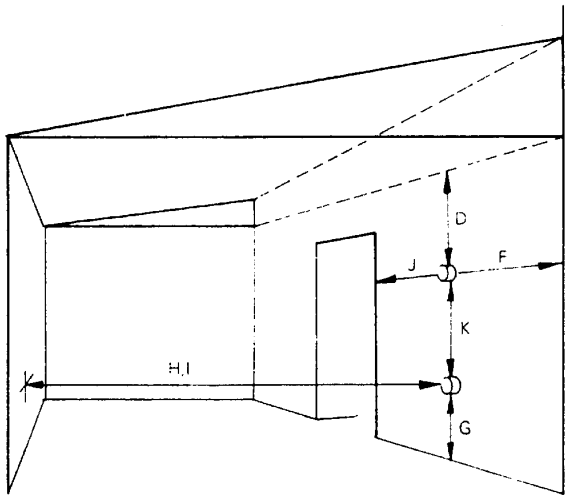
Minimum siting dimensions for flue terminals

Position Spacing	Minimum inch/mm
A Directly below an openable window, air vent, or any other ventilation opening	11 3/4"/300
B Below gutter, drain/soil pipe	3"/75
C Below eaves	7 7/8"/200
D Below a balcony or car port roof	7 7/8"/200
E From vertical drain pipes and soil pipes	5 7/8"/150
F From internal or external corners	11 3/4"/300
G Above adjacent ground or balcony level	11 3/4"/300
H From surface facing the terminal	23 5/8"/600
I Facing terminals	47 1/4"/1200
J From opening (door/window) in car port into dwelling	47 1/4"/1200
K Vertical from a terminal	59"/1500
L Horizontally from a terminal	11 3/4"/300



AROUND THE HOUSE

DESN 511052



UNDER THE CAR PORT, ETC.

Fig. 9

DESN 511053

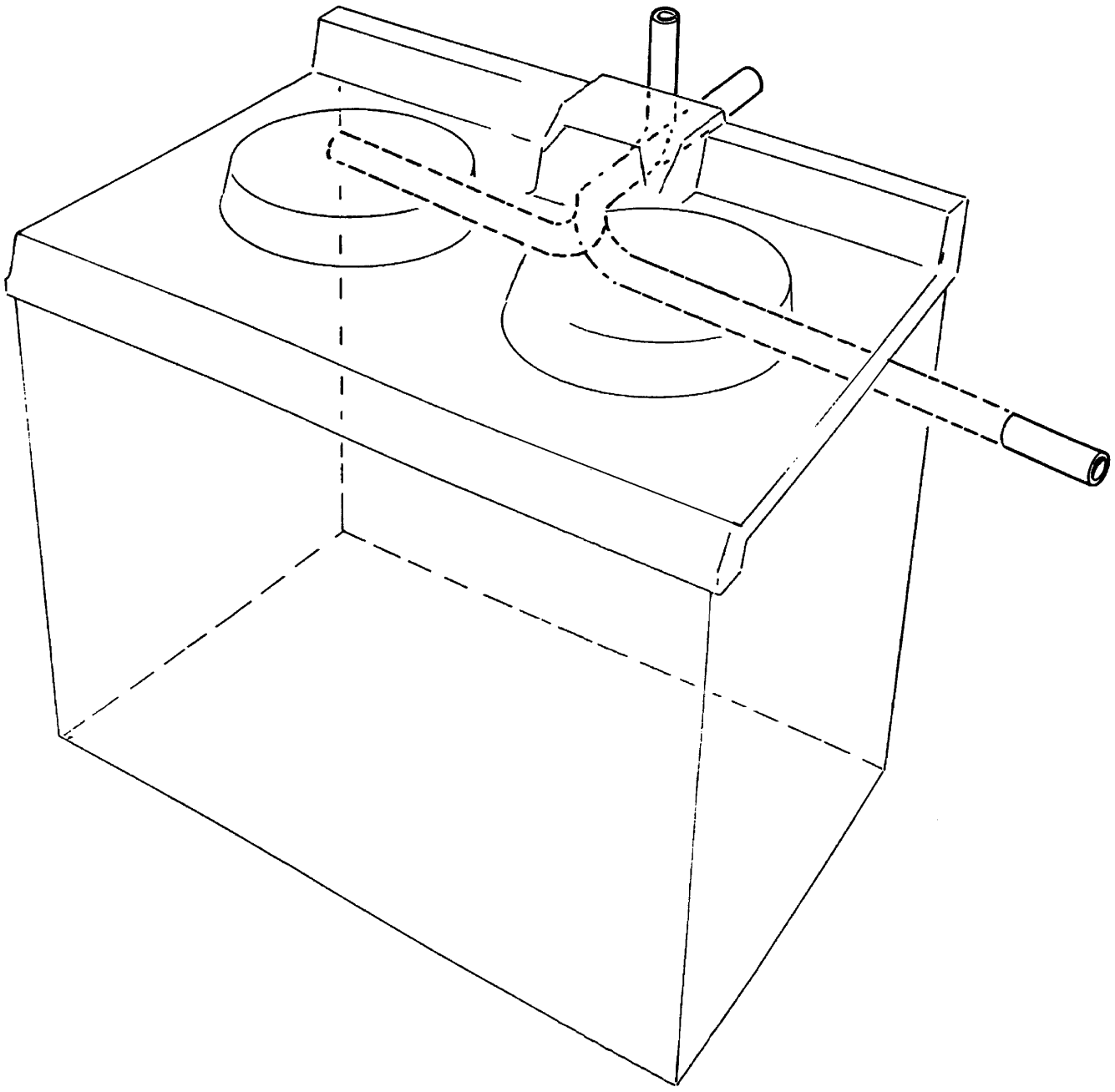
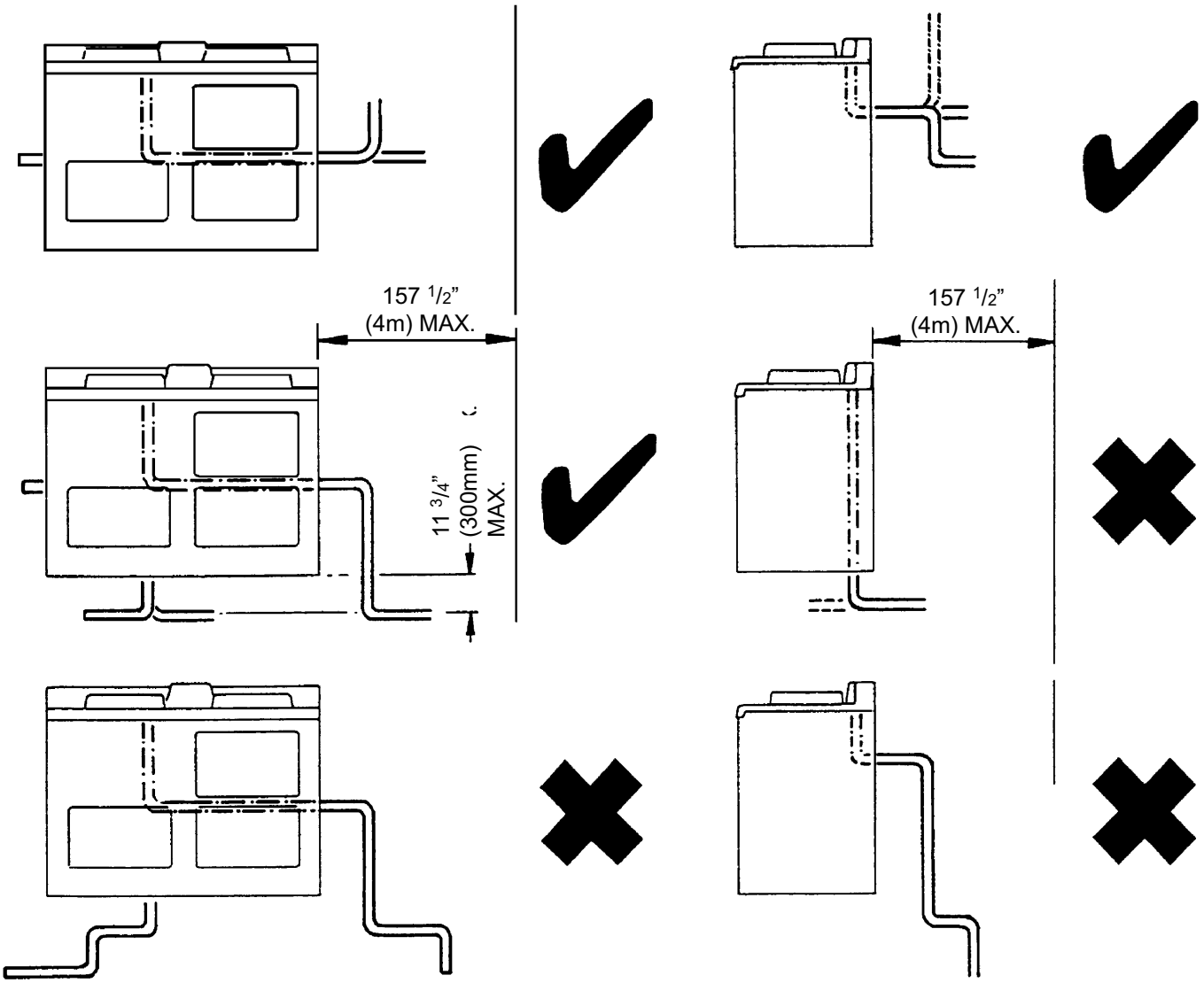


Fig. 10 DESN 516850



DOWNWARD RUNS UP TO 11 3/4"(300mm) BELOW THE APPLIANCE ARE ALLOWED, PROVIDED ONLY ONE BEND IS USED.

DOWNWARD RUNS USING 2 BENDS ARE **NOT** ALLOWED.

Fig. 11

DESN 516849

WIRING DIAGRAM - AGA DC3G

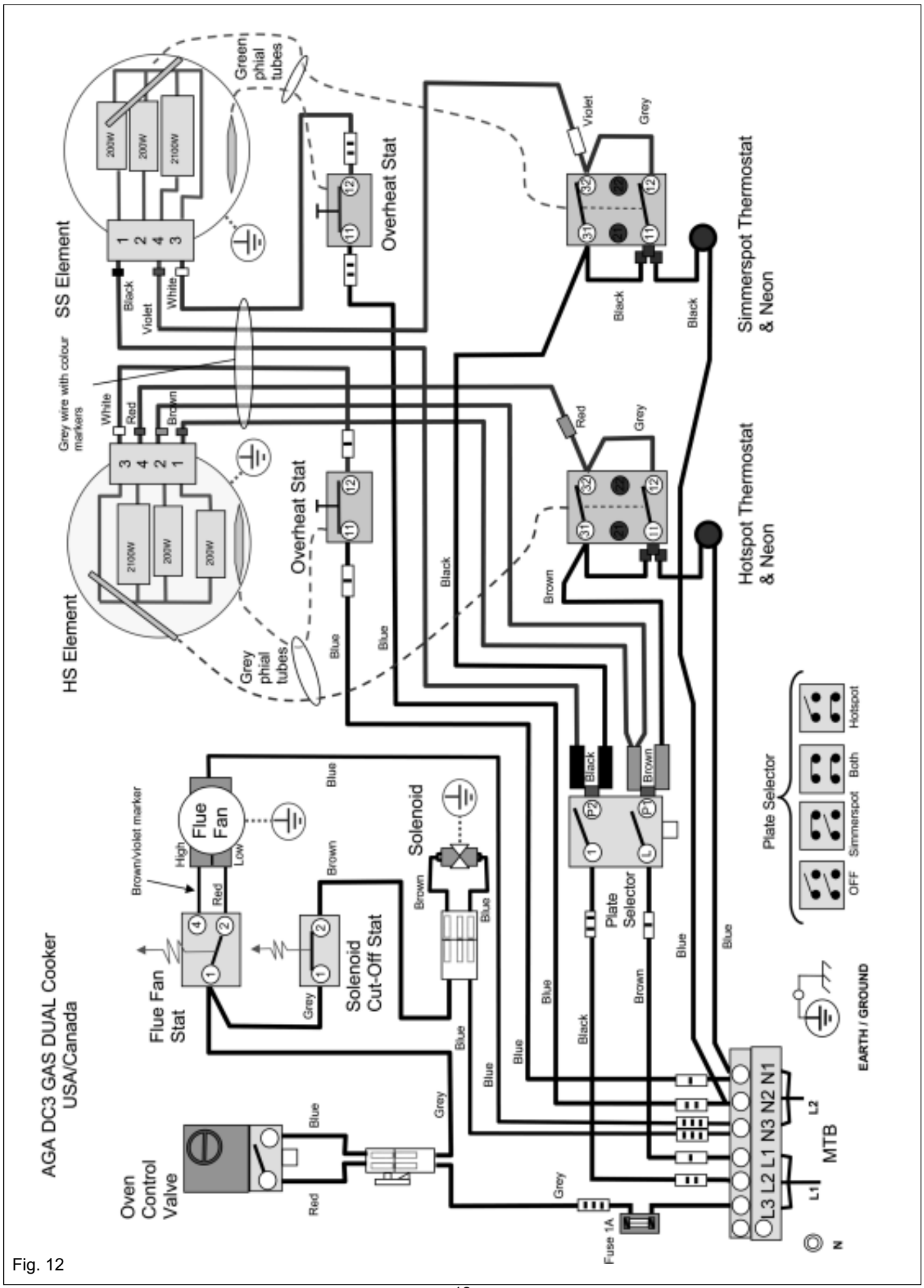


Fig. 12

GAS SUPPLY - U.S. PIPE THREADS

NOTE: A MANUAL SHUT-OFF VALVE MUST BE INSTALLED IN AN ACCESSIBLE LOCATION IN THE GAS PIPE EXTERNAL TO THE APPLIANCE FOR THE PURPOSE OF TURNING ON OR SHUTTING OF GAS TO THE APPLIANCE.

ALL GAS CONTROLS MUST BE U.S. PIPE THREADS.

Maximum Heat Input 2 kW (6,800 Btu/h).

Gas Inlet Pipe: 1/4” NPT male at left rear of appliance.

The maximum gas inlet pressure at the range must not exceed 10 inches w.g. for Natural Gas . The minimum gas inlet pressure at the appliance must be 5 inches w.g. Natural Gas to enable the correct manifold pressure to be obtained.

The range and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa). The range must be isolated from the gas supply piping system by closing its i manual shut-off valve during any pressure testing of the gas supply piping system at test pressure equal to or less than 1/2 psi (3.5 kPa).

On completion test the gas installation for soundness and purge. Leak testing of the range shall be conducted according to the manufacturer’s instructions.

NOTE: Use soapy water solution on new gas connections to ensure there are no gas leaks.

On DC5 models, the gas inlet pipe and the vent pipe run behind the hotcupboard, (See Fig. 13)

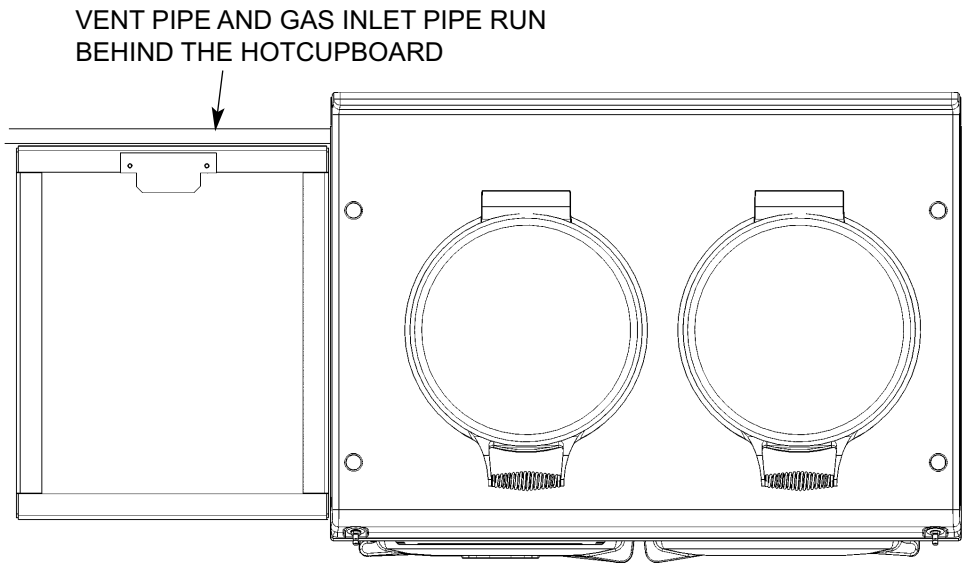


Fig. 13 DESN 517039

AIR SUPPLY

Kitchen or Internal Air Supply

The appliance can only be installed in a room which meets ventilation regulations in force but in any event the room must have a permanent vent of minimum free air area 36cm^2 (14in^2).

In the event of an extractor fan being fitted in the vicinity of the range, compensatory ventilation will be required to satisfy the demands of the fan without influencing combustion efficiency and flue conditions.

HOTCUPBOARD INSTALLATION

NOTE: The AGA DC5 hotcupboard should arrive with the top plate in a jacked up position. This is to allow the complete appliance to be slid onto its plinth when alongside the AGA DC3 without the top plates clashing. The hotcupboard top plate should then be adjusted down to its correct height once the range is in its final position.

1. Detach hotcupboard from plinth by removing two screws and tongue bracket from plinth (See Fig. 14), slide hotcupboard forwards and away from rear fixing bracket (See Fig. 15).

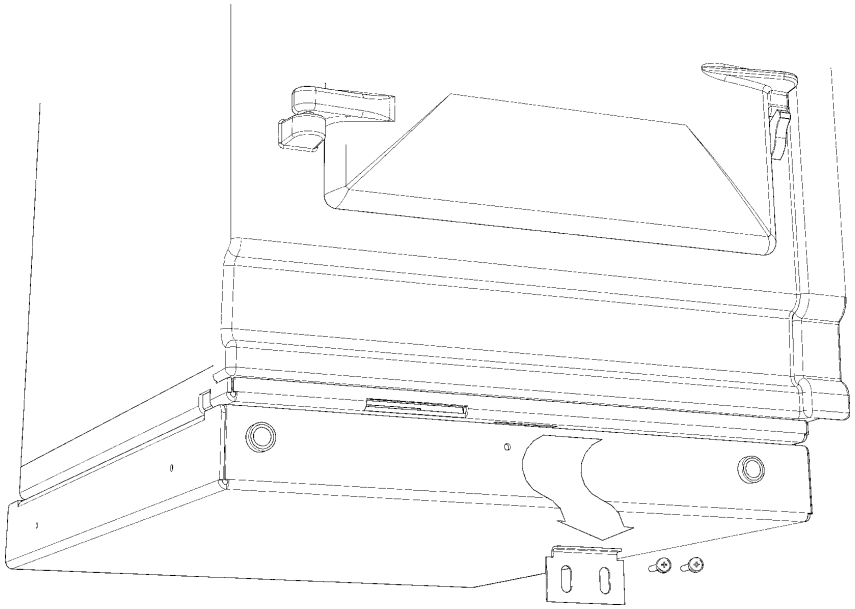


Fig. 14 DESN 516448

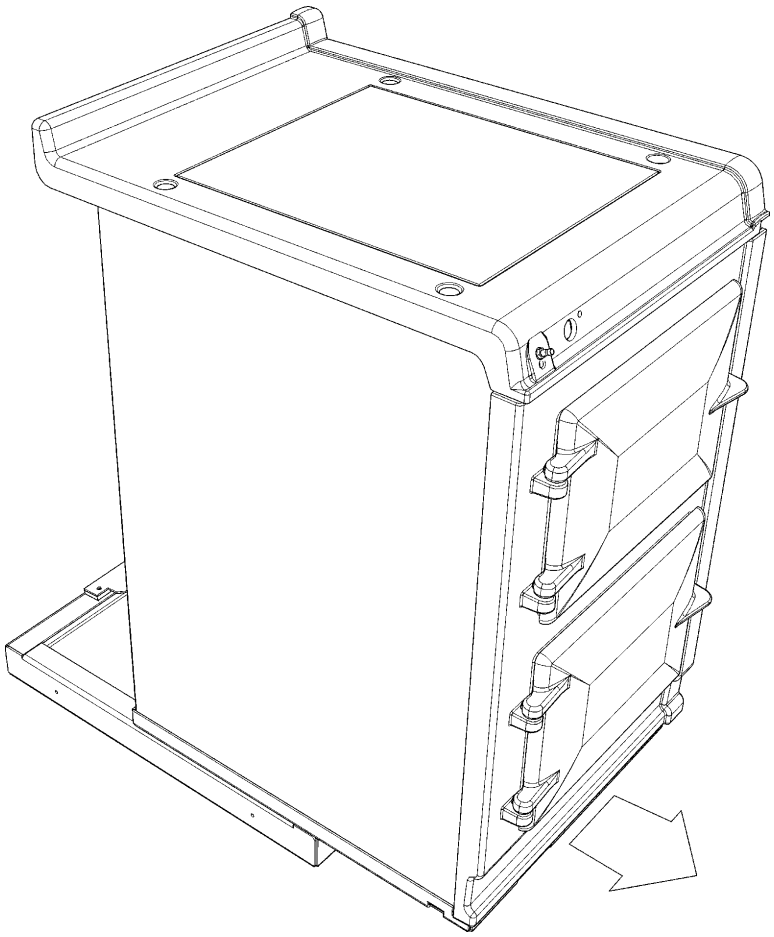


Fig. 15 DESN 516449

2. Position the plinth alongside the AGA Dual Control leaving no gap between the two plinths (See Fig. 16).

   Check with a spirit level that the plinth level is correct, and also check height differential between the hotcupboard plinth and Dual Control plinth is correct 3/8” (11mm). If necessary, use shims in each corner to level the plinth.

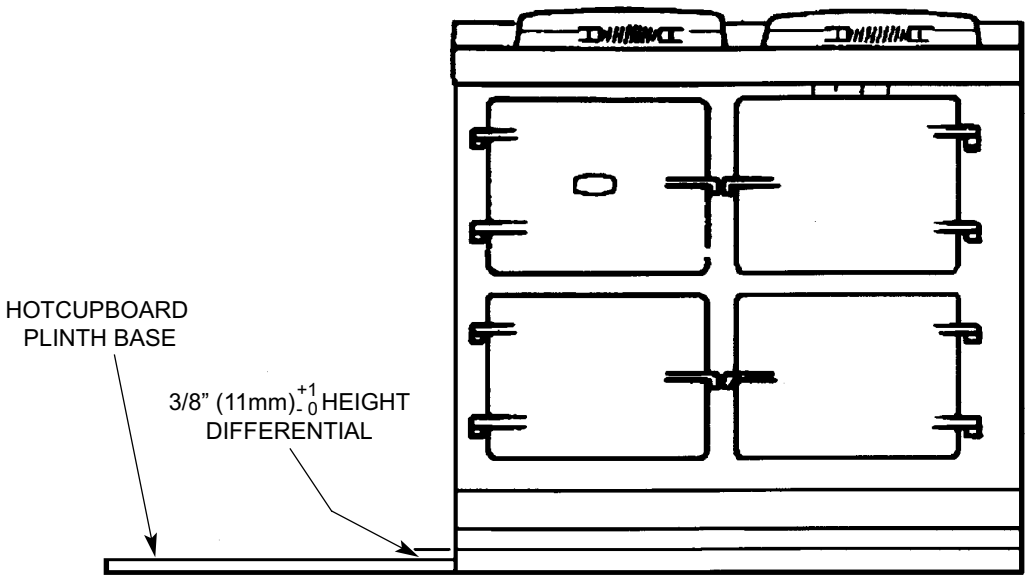


Fig. 16 DESN 516276

3. Attach hotcupboard plinth to the AGA Dual Control plinth using M6 screws and washers provided (See Fig. 17).

   Attach locking screw and jacking screw into plinth. Make sure at this stage that the jacking screw does not protrude beyond outer face of plinth. Ensure locking screw is located into AGA DC3 plinth but not fully tightened. A gap of approximately 1/8” (3mm) should be present between the plinths apart from at the very front where the hotcupboard spacer plate should be touching the AGA DC3 plinth.

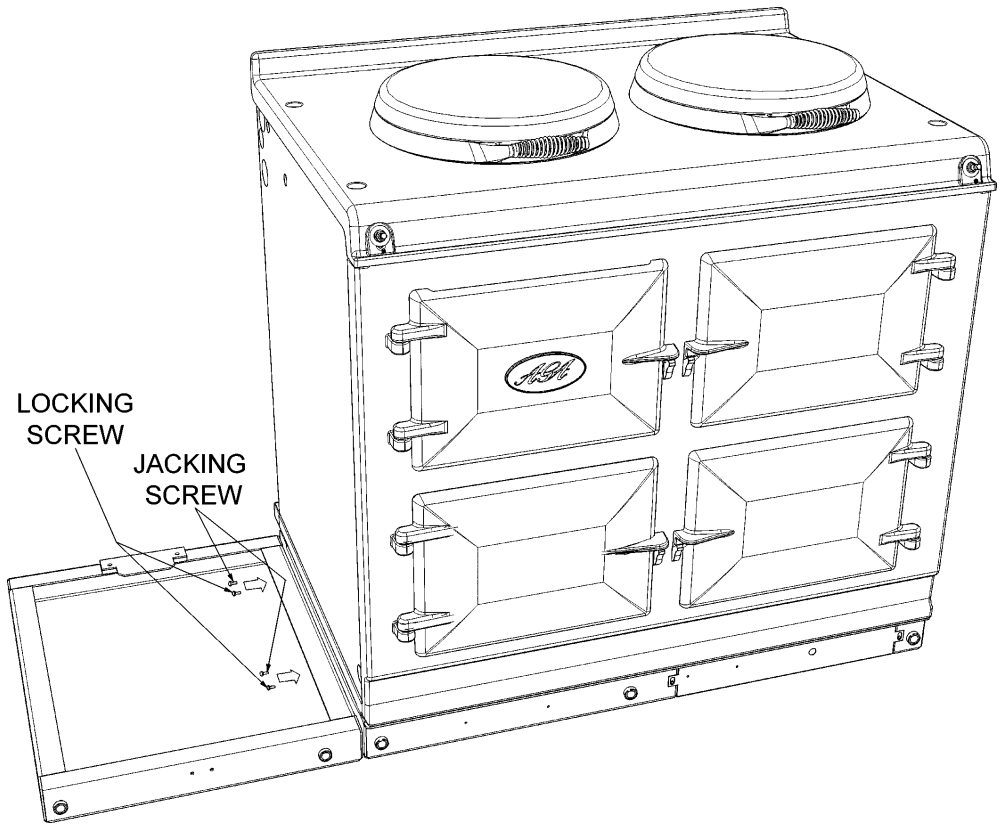


Fig. 17 DESN 516550

4. Run a straight edge along the front of the AGA Dual Control plinth, to ensure the front face of both plinths sit squarely against the straight edge. (See Fig. 18)

   When satisfied both plinths sit squarely, jacking screws can be tightened until they just make contact with the AGA Dual Control plinth, and locking screws can now be tightened.

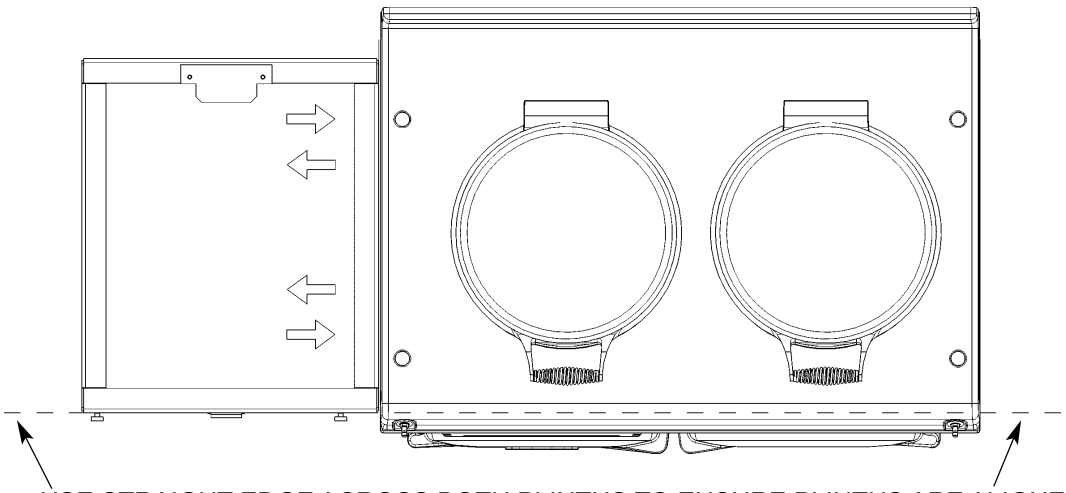


Fig. 18 DESN 516551

5. Front jointing bracket can now be hooked into place over the two pot magnets. This will latch the two plinths together. (See Fig. 19)

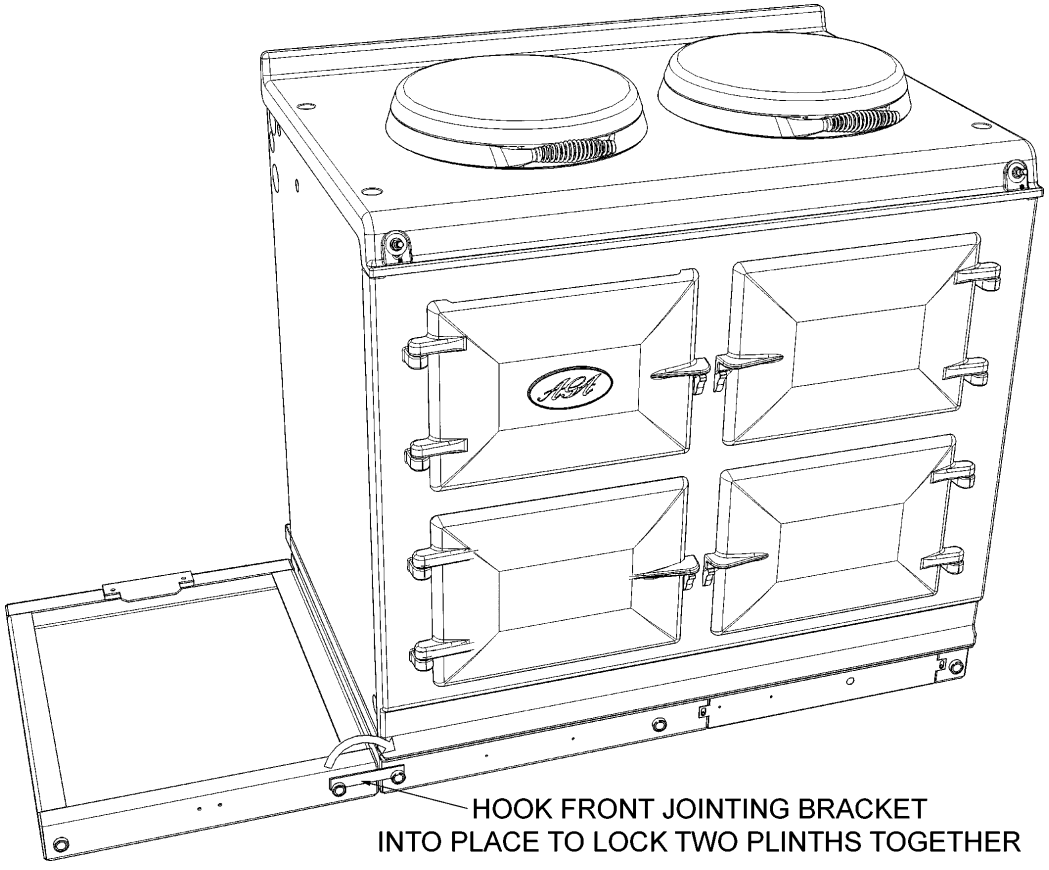


Fig. 19 DESN 516553

6. Slide hotcupboard onto plinth until rear tongue bracket engages fully into rear of base slot, (See Fig. 20). Ensure the appliance is aligned squarely with the plinth then proceed to engage the front tongue bracket into the slot on the under side of the base plate. Once satisfied that the front tongue bracket is engaged fully lock it into place by tightening the two M6 screws fully. Ensure that the electrical cable does not come into contact with oven vent pipe from the AGA DC3.

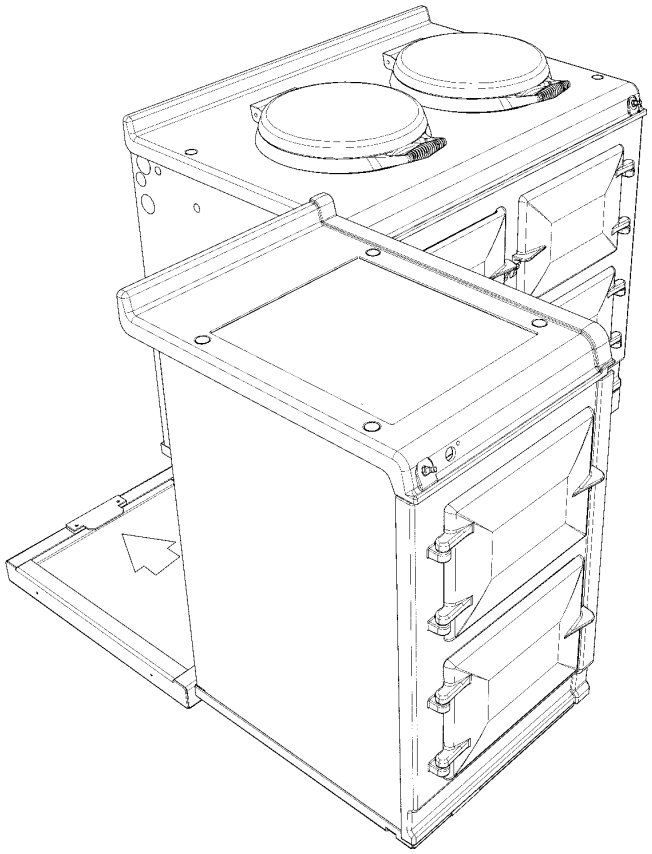


Fig. 20 DESN 516552

7. The hotcupboard top plate is set 1/4” (5mm) higher than the AGA Dual Control top plate. This is to prevent damage to the enamel during installation. Lower the top plate using the adjusters (See Figs. 21 and 22).

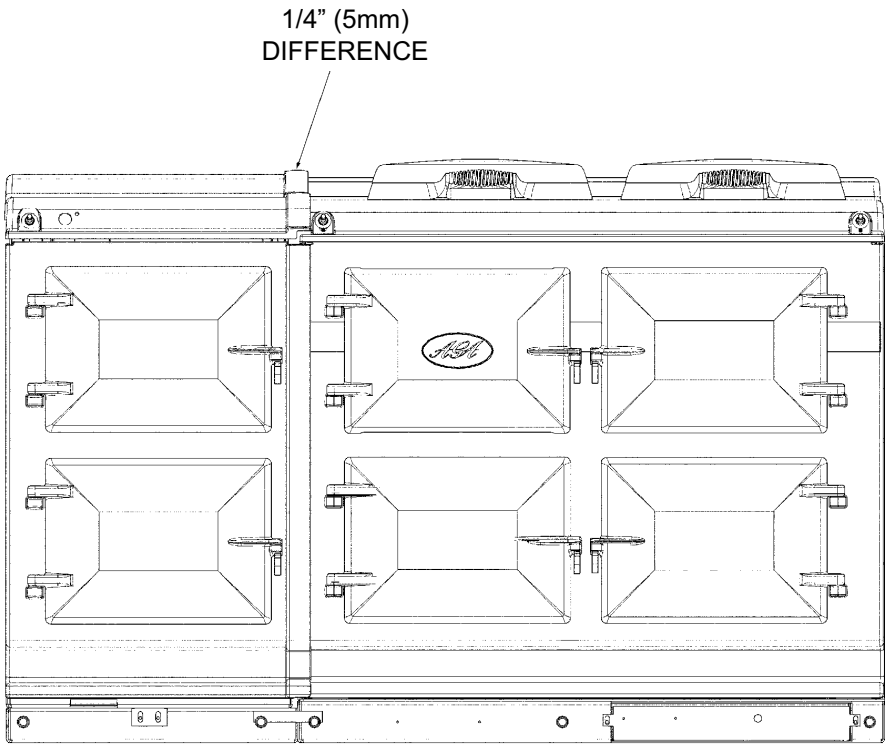


Fig. 21 DESN 516554

8. Using the stay rod nut adjusting tool, carefully lower the top plate adjusting nuts until the top plate sits at the required height, making sure that the top sits level and matches the height of the AGA DC3. (See Fig. 22).

   For servicing requirement, top plate should be removed by raising adjusters approximately 1/4" (5mm), the top plate can now be removed easily without causing damage to the enamelled surfaces.

   When removing the top plate, the switch wiring harness should be disconnected from the main wiring harness at the connection point located at the front left hand side of the appliance, beneath the formex cover sheet.

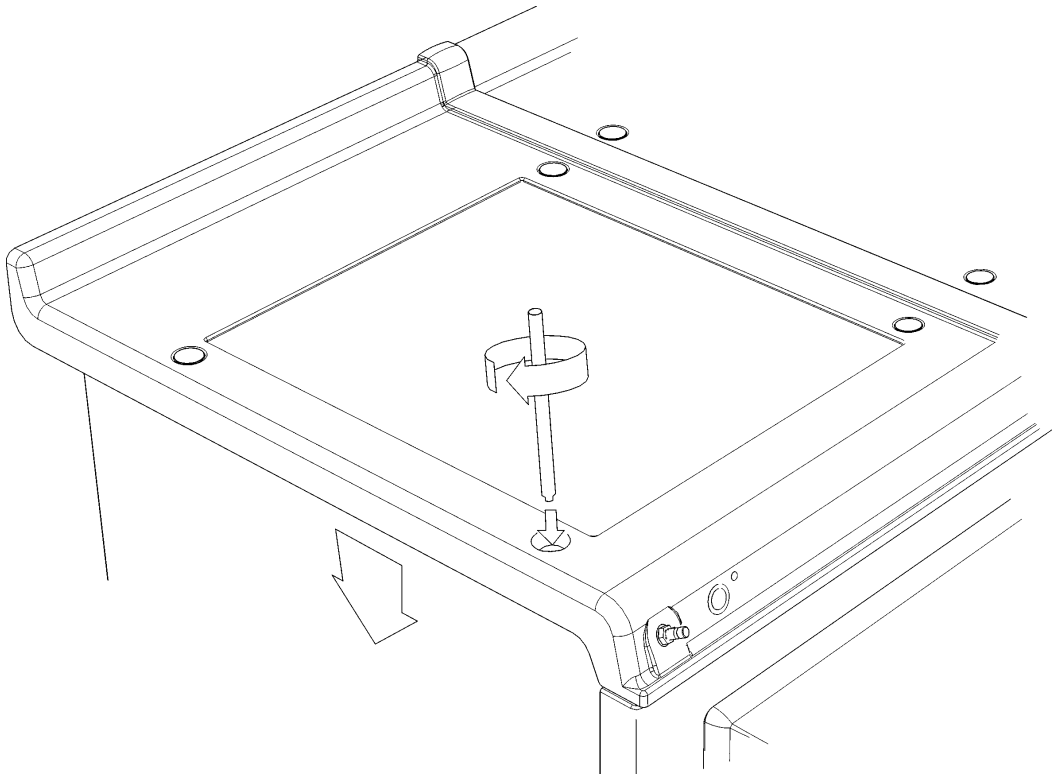


Fig. 22 DESN 516555

9. Fit the handrail bracket over the fixing stud located on the top plate. Lock into position by tightening the grub screw nearest the appliance. (See Fig. 23).

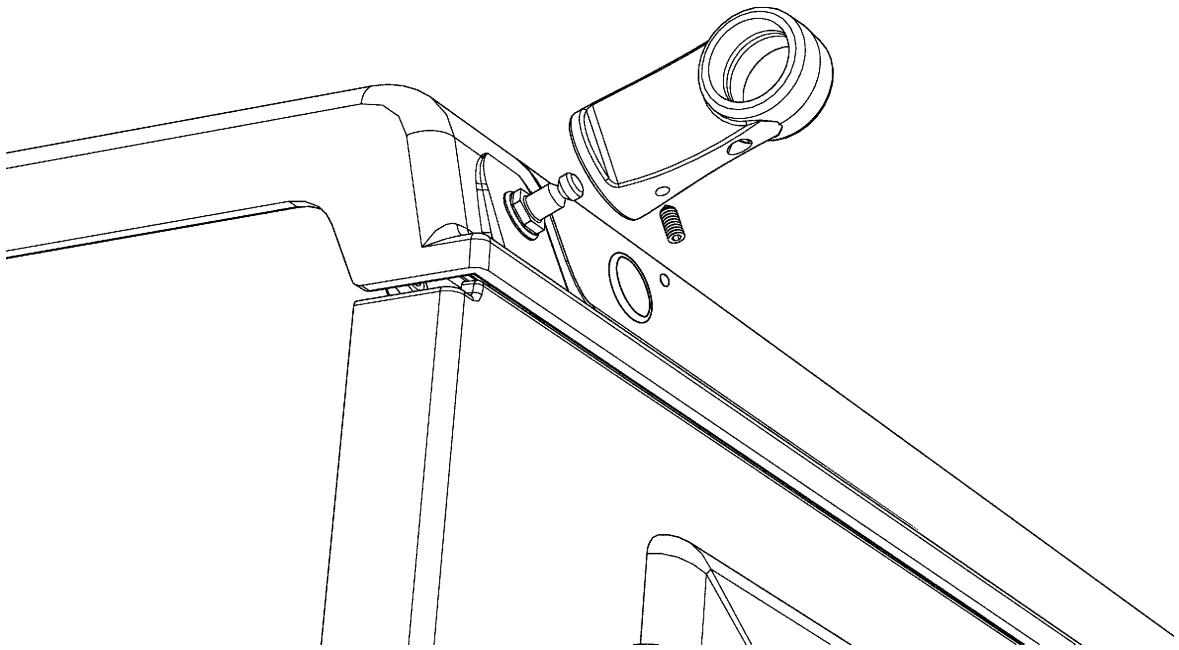


Fig. 23 DESN 516883

10. Next the handrail, endcaps and handrail require assembly.

    Slide the handrail through the handrail brackets.

AGA DC3 HANDRAIL CONNECTION

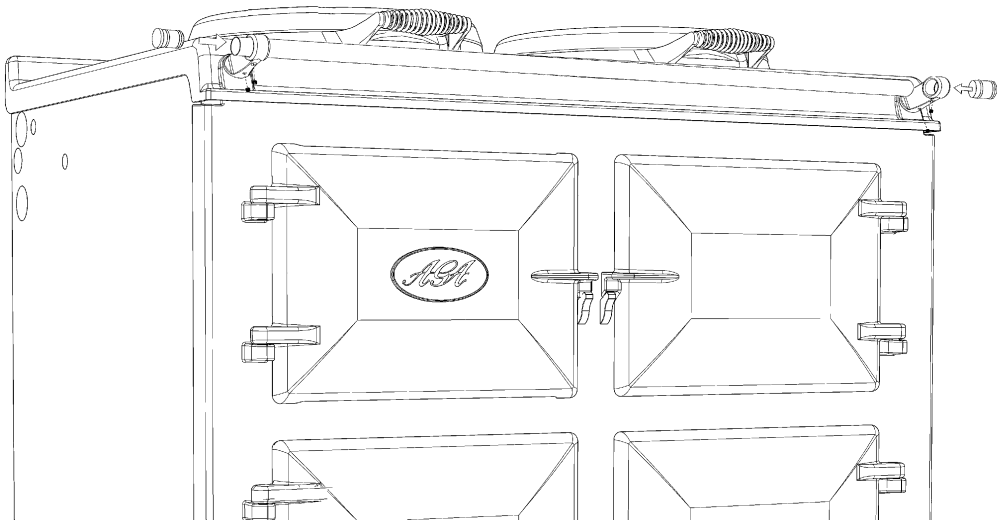


Fig. 24 DESN 516880

11. On 5 oven appliances, fit allthread stud into the insert located in the one end of the handrail, then feed the handrail through the bracket (ensuring that the allthread stud is protruding from the right hand side of the hotcupboard handrail) and screw the handrails together. (See Fig. 25).

AGA DC5 HANDRAIL CONNECTION

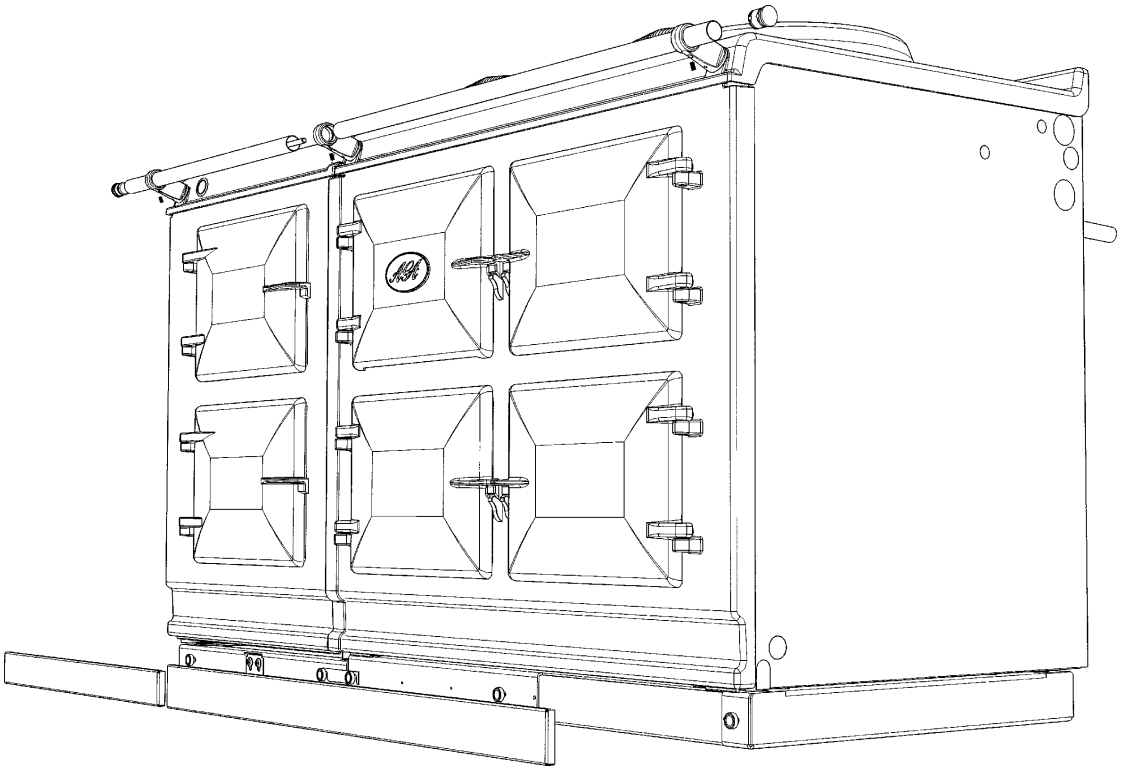


Fig. 25 DESN 516879

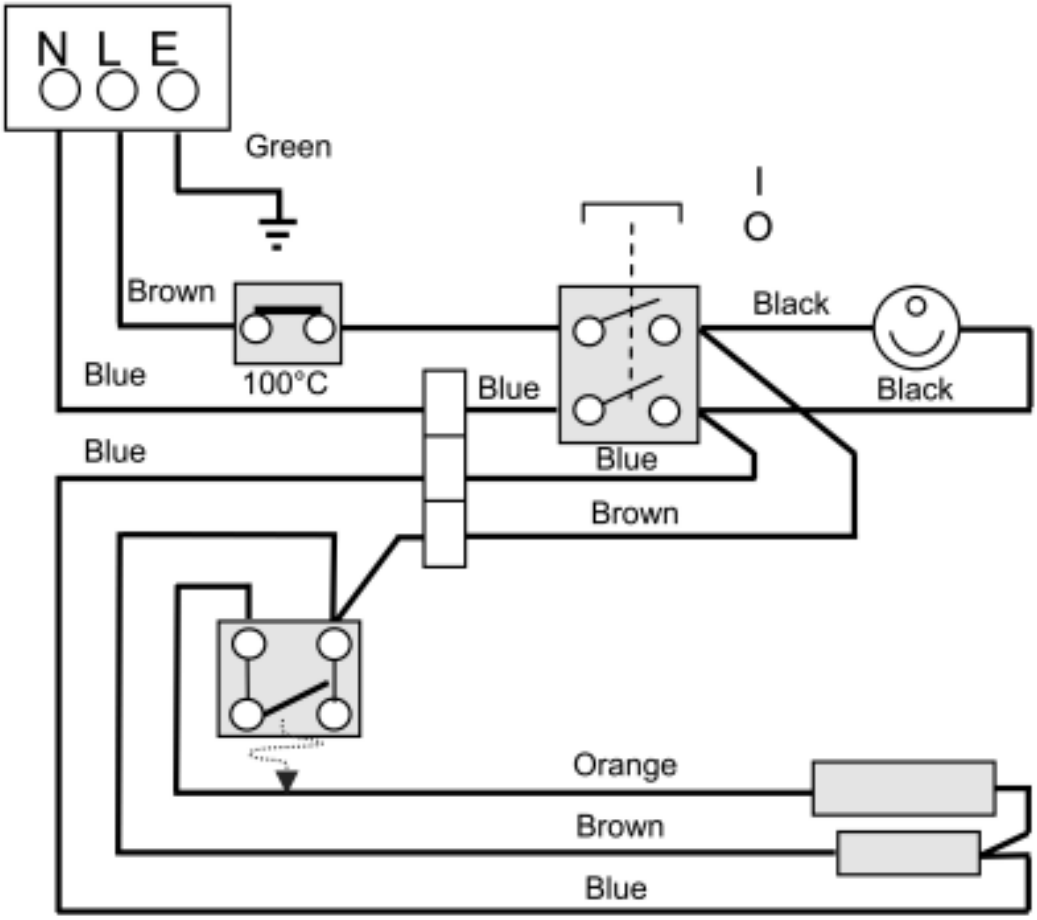
12. Once the handrail assembly is located squarely, lock the handrail in position by winding in the grub screws on the underside of each handrail bracket.

13. Once the handrails are locked in position, fit the handrail endcaps. The endcaps should be carefully pushed into place until they sit flush with the outside face of each bracket (a light smear of lubricant such as, hand or dish soap on the end cap 'O' rings may ease fitment.

14. Finally, fit the plinth facia to the magnets on the front of the plinth, making sure that on 5 oven appliances the right hand side of the module plinth facia sits against the left hand side of the AGA Dual Control plinth facia leaving no gap between. Make sure that the plinth facias are centrally located and do not overhang either appliance. (See Fig. 25)

Commission the AGA Dual Control, as stated in the relevant Installation Instructions and carry out functional test on each of the features of the AGA Dual Control.

WIRING DIAGRAM - AGA DC5G (HOTCUPBOARD OPTION)



CAUTION: LABEL ALL WIRES PRIOR TO DISCONNECTION, WHEN SERVICING CONTROLS WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION.

VERIFY PROPER OPERATION AFTER SERVICING

Fig. 26

COMMISSIONING

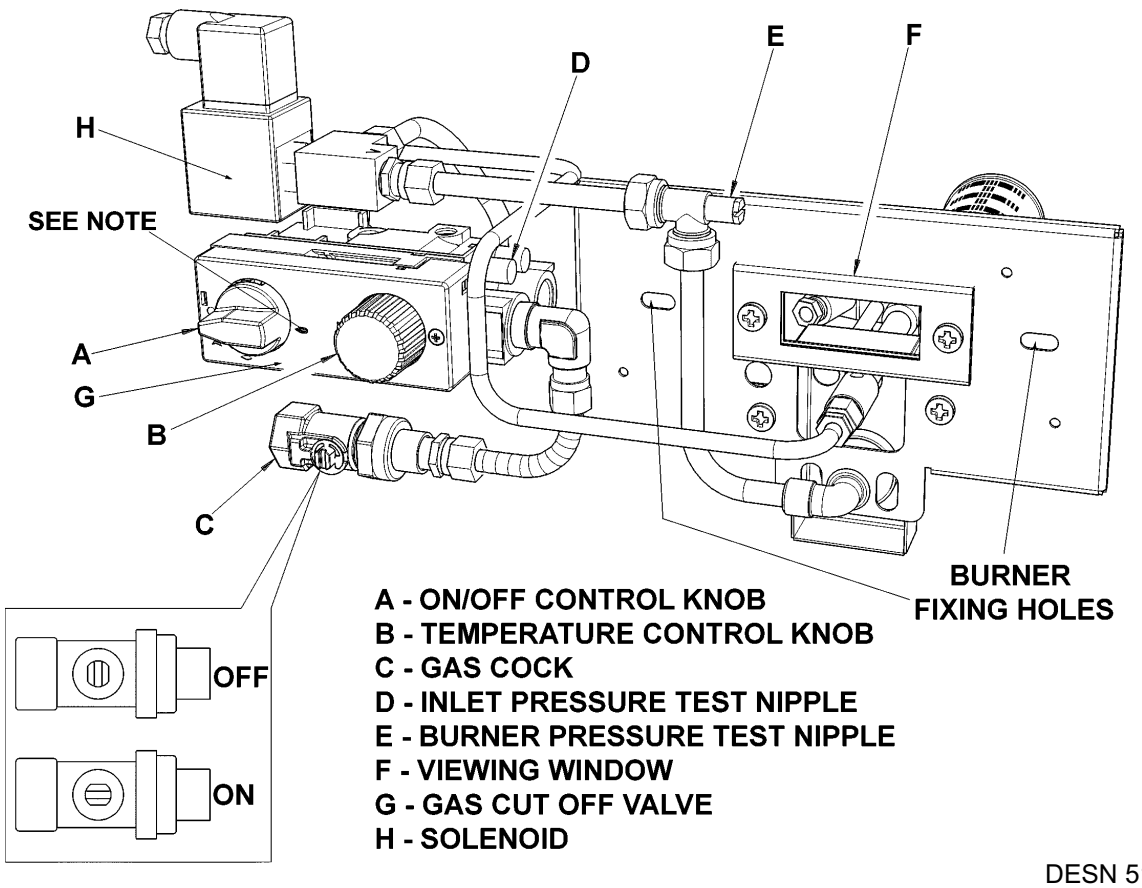


Fig. 27 DESN 516966

Inlet Pressure Testing

1. Turn off control knob (A) and turn off electrical supply to range.
2. Remove facia by pulling off hotplate control knob and removing four fixing screws.
3. Remove inlet pressure test nipple sealing screw (D) and fit rubber tube over the nipple.
4. Turn on gas cock (C) and refit facia making sure the rubber pressure test tube is routed through the hotplate control knob hole within the facia.
5. Attach tube to manometer.
6. Turn on electricity supply.
7. Follow paragraphs 1-4 of 'LIGHTING PROCEDURE' on page 26, and check inlet pressure, 8" w.g.

Burner Pressure Testing

1. Turn off control knob (A) and turn off electrical supply to range.
2. Remove facia by pulling off hotplate control knob and removing four fixing screws.
3. Remove inlet pressure test nipple sealing screw (E) and fit rubber tube over the nipple.
4. Turn on gas cock (C) and refit facia making sure the rubber pressure test tube is routed through the hotplate control knob hole within the facia.
5. Fit manometer tube to test nipple (E).
6. Turn on electricity supply.
7. Follow paragraphs 1-4 of 'LIGHTING PROCEDURE', and check burner pressure 4" w.g.

NOTE: Burner pressure adjustment screw is located behind valve cover.

Check for leaks around pressure test nipple after refitting.

Leak testing of the appliance shall be conducted according to the manufacturers instructions. (See 'YEARLY SERVICE')

COMMISSIONING

CAUTION: BEFORE LIGHTING: ENSURE KNOB (A) IS IN THE OFF POSITION (SEE FIG. 27). ALSO ENSURE GAS SUPPLY TO RANGE IS ON, AND THE GAS SERVICE COCK (C) IS IN THE ON POSITION (SEE FIG. 32), AND THE ELECTRICAL SUPPLY TO THE AGA IS SWITCHED ON.

LIGHTING PROCEDURE - SEE FIGS 27-34

1. The main burner gas flow is set with the 'temperature' knob (B). (See Fig. 28). First, ensure both knobs are turned fully clockwise. Knob (A) to the OFF position and knob (B) to the minimum setting (thin end of the white band).

2. Turn ON/OFF knob (A) slightly anti-clockwise towards the IGNITION position ( ) until reaching stop, press down and hold for 5 seconds (gas flows only to the flame supervision burner). (See Fig. 30).

3. Continue pressing down knob (A) while turning further anti-clockwise to the ( ) position (this activates the piezo), continue to hold down for 10 seconds after flame supervision burner has been lit. (If it does not light, steps 2 and 3 can be repeated). (See Fig. 31).

4. Upon lighting, release knob and turn further anti-clockwise to the ON position (large flame symbol) (See Fig. 32). Pilot gas flows and mains gas flows according to the appliance setting (knob B).

5. Turn the temperature knob (B) slightly anti-clockwise into the white band (LOW FIRE position). Leave in the low fire position for at least 30 minutes, (See Fig. 33).

NOTE: 'LOW FIRE' position is attained by turning knob (B) gradually into the white band, until a small flame is observed through viewing window (F). (See Fig. 27).

6. After 30 minutes rotate control knob (B) anti-clockwise to the mid-position of the green band for normal running. (See Fig. 34).

NOTE: After several hours the heat indicator should show green. It may be necessary to adjust the control knob in the green band to achieve this.

When the range is lit from cold, moisture may form on the enamel which should be wiped off to prevent staining.

IF THE FLAME HAS EXTINGUISHED FOR WHATEVER REASON, WAIT THREE MINUTES (MINIMUM) BEFORE RE-LIGHTING.

YEARLY SERVICE

It is recommended that the range be serviced at regular intervals.

Arrange with the home owner that the range has been turned **OFF** the night before to ensure it is cold upon arrival.

1. Turn off power to the range.

2. Isolate the gas supply by turning off the gas shut off valve, See Fig. 27. This is accessed by removing the control panel facia (4 screws).

3. Break the hexagon union nut and remove two burner fixing screws, See Fig. 27.

4. Locate electric wires from gas valve and solenoid, disconnect inline connectors.

5. The burner assembly can now be withdrawn from the combustion chamber.

   NOTE: Check there is sufficient length of thermostat capillary tube to allow the burner assembly to be rested on a work surface without detaching the sensing end from the top of the roasting oven.

6. Lightly brush the perforated top of the gas burner and check that the burner venturi is free of lint and fluff.

NOTE: IT MAY BE NECESSARY TO DETACH THE FLAME SUPERVISION ASSEMBLY FROM THE BURNER TO ENSURE IT IS FREE.

7. Check the condition of the flame supervision thermocouple tip to ensure it is clean and free of carbon. Heavy heat oxidised tips should mean the removal of the thermmocouple and a new replacement. Examine and brush the pilot light parts and examine the ignitor cable to ensure the PTFE insulation remains intact and is firmly connected to the spark electrode. Clean any carbon away from the electrode.

8. Refit the gas burner assembly in reverse manner.

NOTE: USE SOAPY WATER SOLUTION TO ENSURE THERE ARE NO GAS LEAKS.

9. Inspect and clean vent fan blades, remove debris using a soft brush, access to this fan can be made by removing the centre shroud (one screw fixing inside top outlet slot).

10. Turn on the gas and electric supply and follow the procedure for lighting the burner.

11. Ensure that the pilot and main burner flame are burning evenly, the thermocouple is enveloped by the pilot flame.

12. Visually check the main burner and flame supervision flame for correct flame pattern. An established main burner at high fire will be predominantly blue with yellow tippings on an even height flame strip and be about 100mm (4in) high. Ensure all flame ports have cross-lit and that the flame supervision flame is free from sooting.

13. The maximum depth of any cabinets installed above the top cooking surface of the range must not exceed 330mm (13in).

NOTE: DO NOT ATTEMPT TO SERVICE THE RANGE YOURSELF, CONTACT YOUR LOCAL AGA DISTRIBUTOR STATING THE MODEL AND SERIAL NUMBER OF THE APPLIANCE TOGETHER WITH YOUR NAME AND ADDRESS.

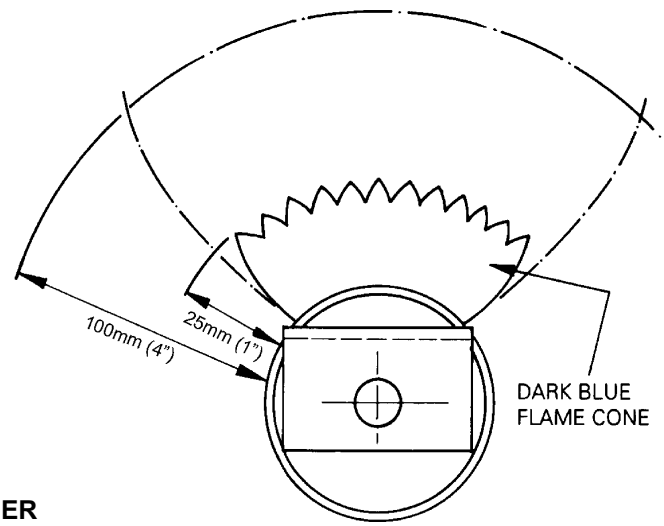


Fig. 27 A **MAIN BURNER** DESN 516967

REPLACEMENT PARTS

In the event of a component failure which requires replacement, contact your local AGA distributor who will advise and supply the necessary replacement.

INSTRUCTIONS

Hand these instructions to the user for retention, and instruct in the safe operation of the appliance.

BURNER CONTROLS

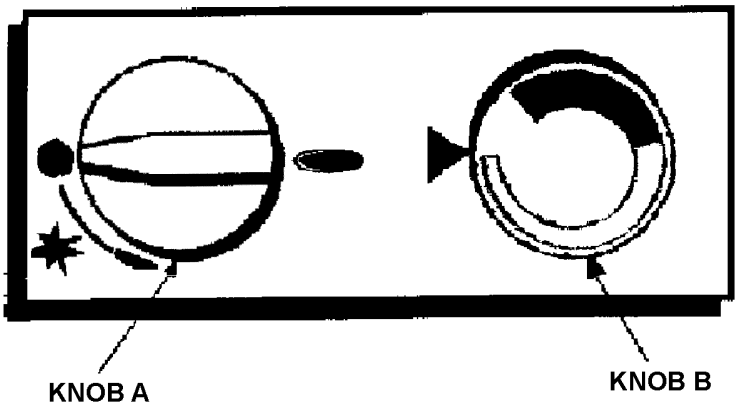
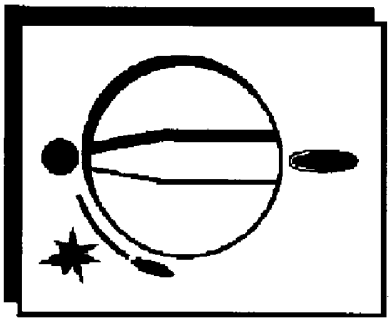
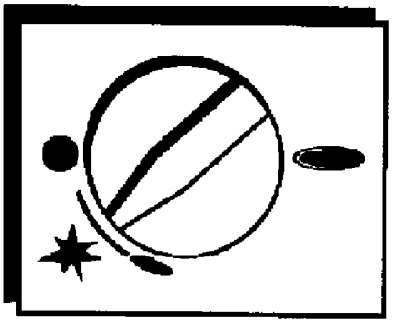


Fig. 28



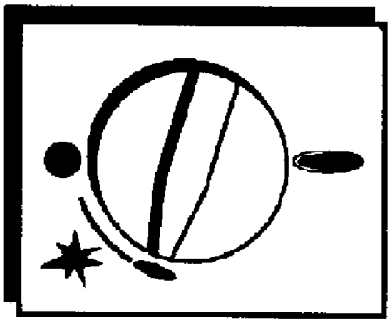
OFF POSITION

Fig. 29



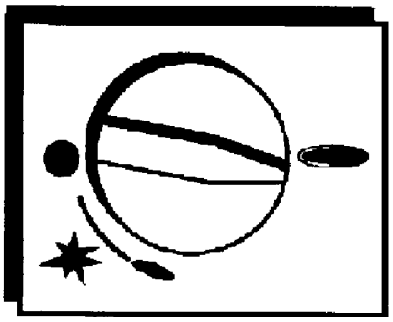
IGNITION POSITION

Fig. 30



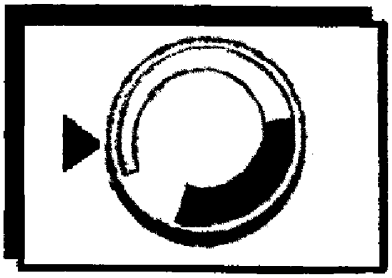
FLAME SUPERVISION
BURNER POSITION

Fig. 31



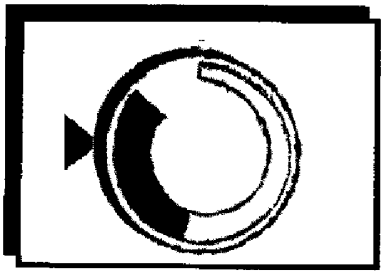
MAIN BURNER
ON POSITION

Fig. 32



LOW FIRE

Fig. 33



NORMAL RUNNING

Fig. 34

CONTENT LIST (LOOSE ITEMS)

DESCRIPTION	PART NO	QTY	TICK
BAKING OVEN CALIBRATION PLATE	AE2M231432	1	( )
OVEN GRID SHELF	AE4M211863	3	( )
SHELF - OVEN	AG2M210636	1	( )
GRILL RACK - LARGE	AG4M210268	1	( )
GRILL RACK - SMALL	AG4M210269	1	( )
WIRE BRUSH	EACS23230	1	( )
TOASTER	EACS47380	1	( )
MEAT TRAY - SMALL	EMTY530217	1	( )
MEAT TRAY - LARGE	EMTY530218	1	( )
AGA RECIPE BOOK (2 & 4 OVEN)	EACS40640	1	( )
PLINTH FACIA ASSY	AE1M231475	1	( )
PLATE - OUTLET BLANKING	AG2M210568	4	( )
HANDRAIL	AE4M231411	1	( )
HANDRAIL MOUNTING BRACKET	AE4M212288	2	( )
‘O’ RING (SMALL)	AE4M212293	4	( )
END CAP (HANDRAIL)	AE4M212290	2	( )
M5 x 12mm CONE POINT GRUB SCREW	KGRB500674	2	( )
SCREW M5 x 10mm SOCKET HD GRUB	KGRB50509	2	( )
FLUE PIPE - HORIZONTAL	AG4M210566	1	( )
ALLEN KEY 2.5 mm	AE4M280592	1	( )
ALLEN KEY 3 mm	AE4M280593	1	( )
HOB ADJUSTER TOOL	AE4M280388	1	( )
FLUE PIPE ‘S’ BEND	AG4M212518	1	( )
COUPLING KIT	AG4M211746	1	( )
‘O’ RING KIT	AG4M211747	1	( )
BRACKET - FLUE PIPE	AG4M210358	1	( )
SCW M5 x 8mm PAN HD POZI Z/P	KPAN52581	2	( )

PACKED SEPARATELY

FLUE PIPE/TERMINAL GUARD	AG1M212487	1	( )
FLUE EXTENSION KIT	AG1M212542	AS REQUIRED	( )

For further advice or information contact your local AGA Ambassador

With AGA Marvel's policy of continuous product improvement, the Company reserves the right to change specifications and make modifications to the appliance described and illustrated at any time

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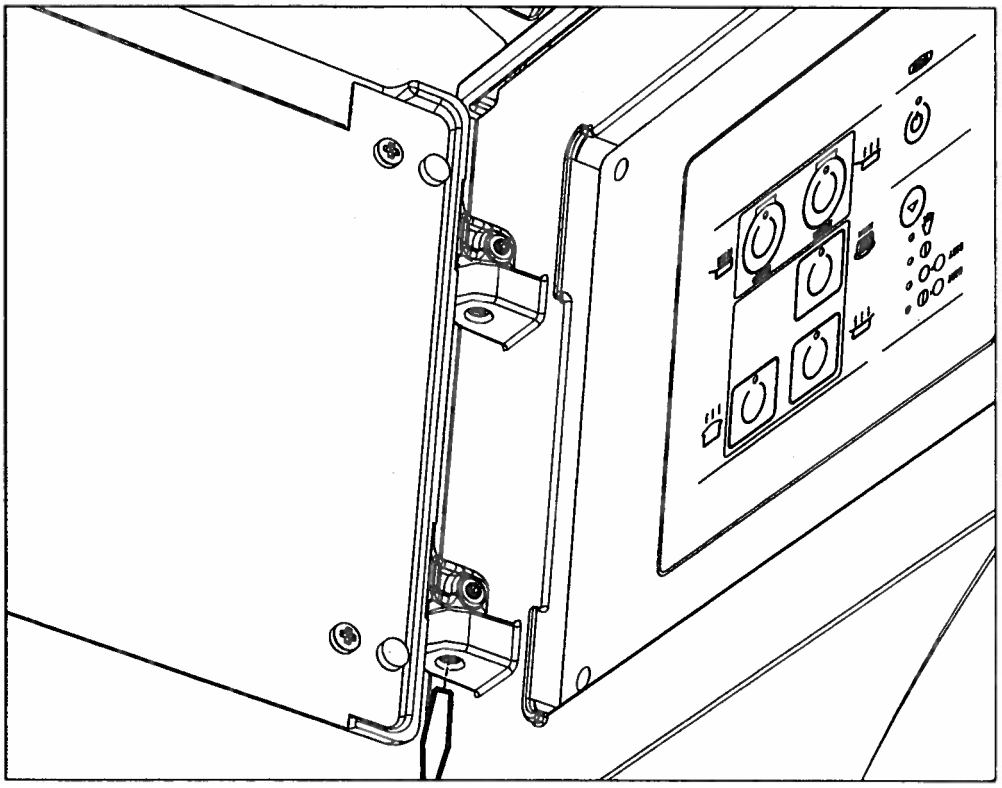
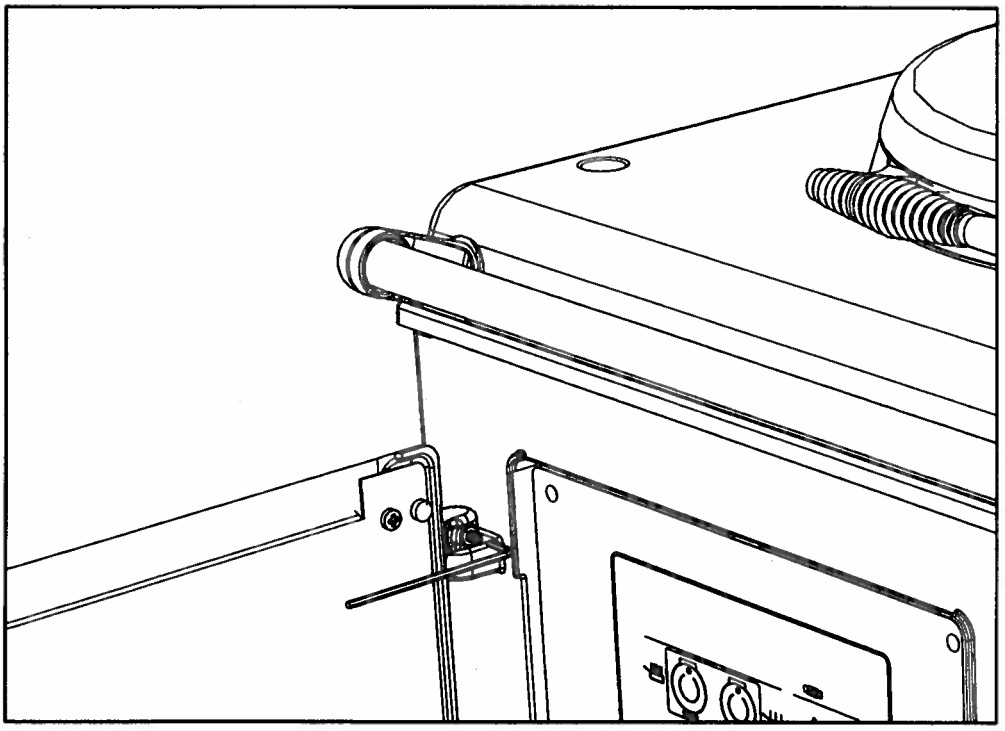
Aga TC3 USA Door adjustment guide



After the doors have been attached to the Aga they may need final adjustment to ensure correct fit. The adjustment pins are located in the front plate lugs and can be adjusted using a flat blade screw driver



After the doors have been correctly adjusted the pins must be locked in position using the grub screws located in the door lugs.
A 3mm allen key has been supplied with your Aga for this purpose.