ELECTRIC MODULE

Installation Instructions

Remember, when replacing a part on this appliance, use only spare parts that you can be assured conform to the safety and performance specification that we require. Do not use reconditioned or copy parts that have not been clearly authorised by Aga.

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THIS APPLIANCE

CE **For use in GB and IE**

10/06 EINS 511193

CONTENTS

INTRODUCTION

WARNING: THIS APPLIANCE MUST BE EARTHED.

The appliance is designed for the voltage stated on the rating plate, which is situated in the centre vent slot near the base of the Front Plate.

The appliance is supplied with and installed adjacent to the LH side of any one of the current range of traditional Aga cookers.

Installation of the Module must, therefore, be in conjunction with the build instructions of the ‘parent’ Aga.

Reference must be made to the above Installation instructions for the ‘parent’ Aga especially regarding pre-site inspection, not only for both cookers but to consider any pipework that may pass at the rear of the Module. i.e. boiler piping or flue duct from a fan flue Aga.

The appliance has been designed to accommodate pipework passing at the rear.

NOTE! THE MAIN AGA COOKER IS DELIVERED EX-WORKS UNASSEMBLED.

ASSEMBLY IS UNDERTAKEN ON SITE, BY AN AUTHORISED AGA DISTRIBUTOR.

The Module is supplied from the manufacturers in a fully assembled and tested condition.

ELECTRICAL CONNECTION

Electrical connections are located at the back of the appliance.

Refer to Figs. 1A and 1B for wiring connection to the appliance.

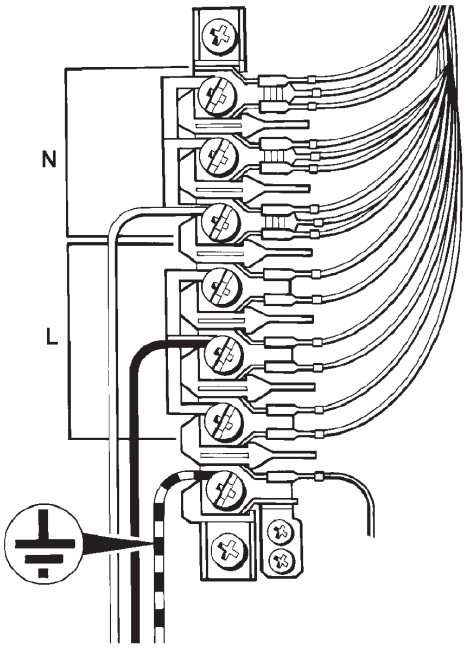
Remember that an excess of cable length is required for the possible withdrawal of the cooker.

Always double check connections and ensure terminals are fully tightened and the cable is secured to the cable clamp.

THE ISOLATOR SHOULD **NOT** BE POSITIONED IMMEDIATELY ABOVE THE MODULE COOKER, BUT **MUST** BE SITED WITHIN 2 METRES OF THE APPLIANCE.

SINGLE PHASE CONNECTION - The Module requires a 30 amp power supply to be fitted in conjunction with a double pole isolator with a minimum contact clearance of 3mm and be connected to the mains with a minimum 6mm^2 cable to comply with the latest editions of the local and national wiring regulations.

SINGLE PHASE CONNECTION - MINIMUM 6mm^2 AND MUST COMPLY WITH THE LATEST EDITIONS OF THE LOCAL AND NATIONAL WIRING REGULATIONS



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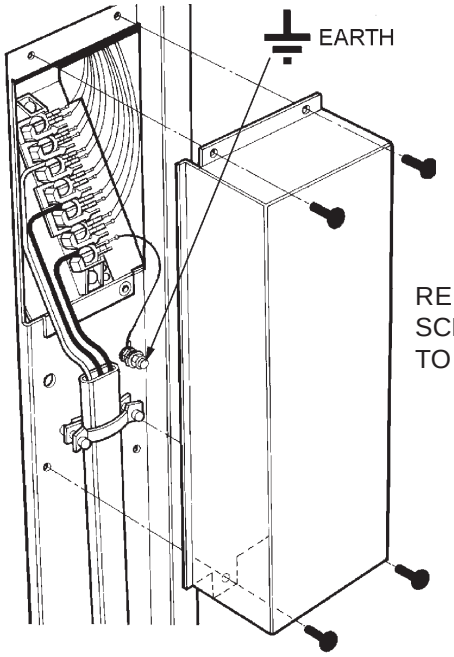

REMOVE COVER (4 SCREWS) TO GAIN ACCESS TO THE MAINS TERMINAL

FIG. 1A

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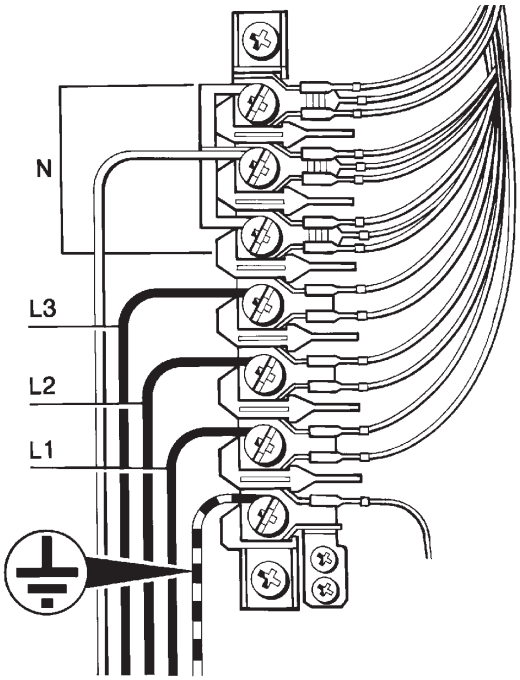
ELECTRICAL CONNECTION (CONTINUED)

THREE PHASE CONNECTION - MINIMUM 2.5mm² AND MUST COMPLY WITH THE LATEST EDITIONS OF THE LOCAL AND NATIONAL WIRING REGULATIONS



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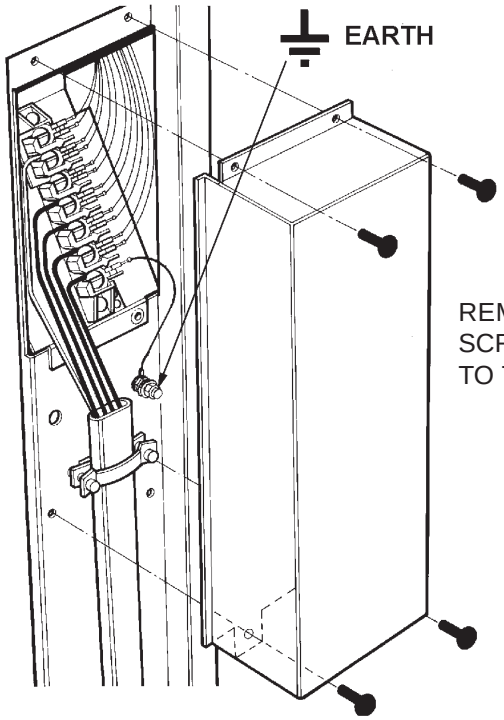


REMOVE COVER (4 SCREWS) TO GAIN ACCESS TO THE MAINS TERMINAL

FIG. 1B

DESN 513373

LOCATION

REFER TO FIG. 2

Any adjacent walls that project above the height of the hob must be of heat resistant material.

The side wall above the hob shall be greater than 60mm from the cooker.

surfaces over the top of the cooker must not be closer than 650mm.

The vent slots in the back of the top plate (or shroud) must not be obstructed.

If possible, any hot water pipes should be directed away from the cooker.

The extension channel section at the rear of each side plate may be removed, if required to clear hot water or flue pipes with the following provisos:-

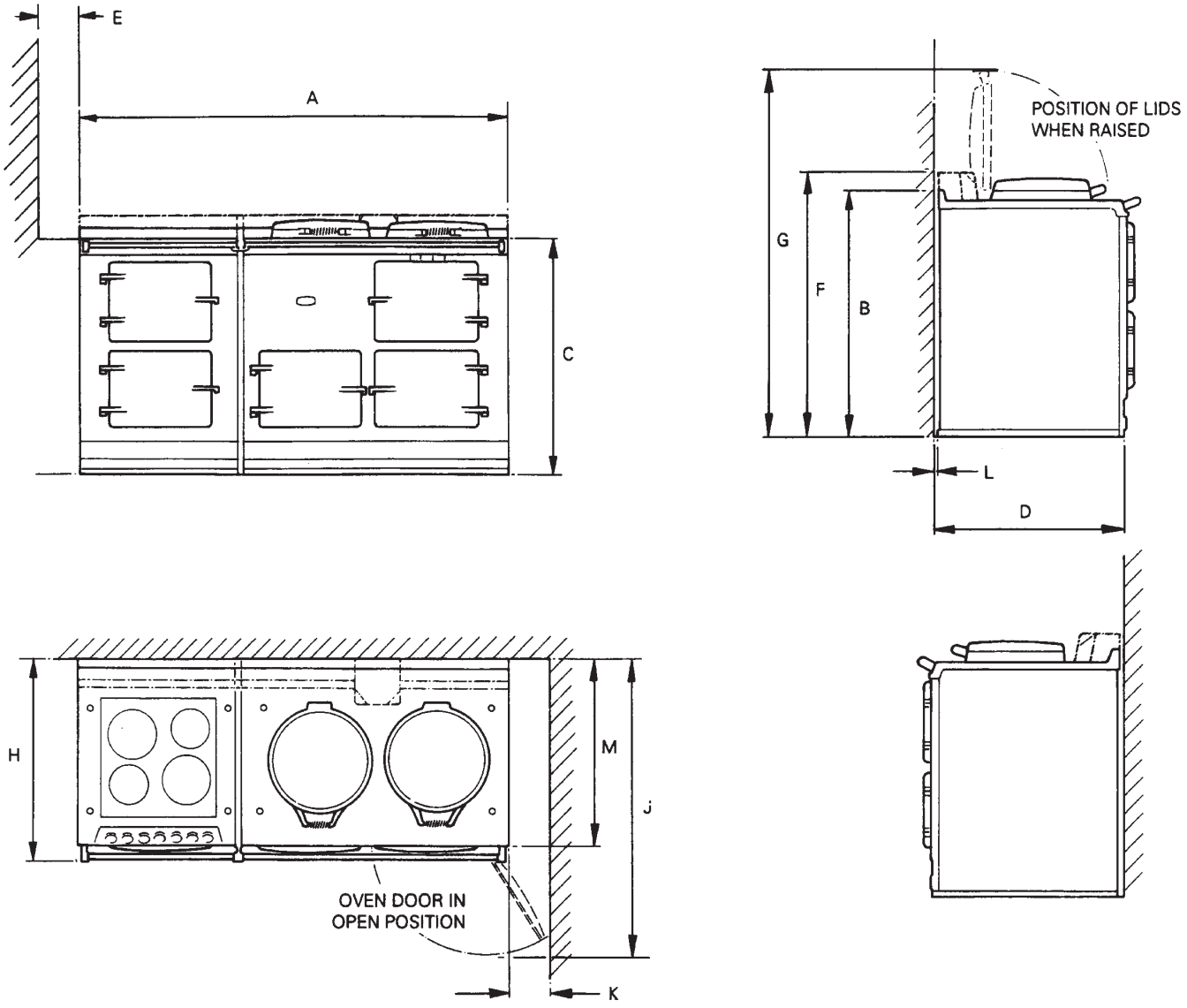
If hot water pipes pass at the rear, they should be lagged and a 50mm air gap provided to the LH side of the cooker.

Note: It is advisable that the supply cable is routed away from any hot surfaces i.e. hot water/flue pipes.
In the interest of safety, due consideration must be given to the protection of the electric cable to the cooker.

THIS IS A TYPE X APPLIANCE.

NOTE: The parent Aga may require a gas supply (See Figs 2, 2A & 2B) and ‘INSTALLATION SECTION

SPECIFICATIONS - 2 OVEN AGA WITH MODULE



	A	B	C	D	E	F*	G	H	J	K	L	M
mm	1598	889	851	679	60	967	1330	756	1125	116	3	698

* ELECTRIC AND GAS POWER FLUE MODELS ONLY

FIG. 2

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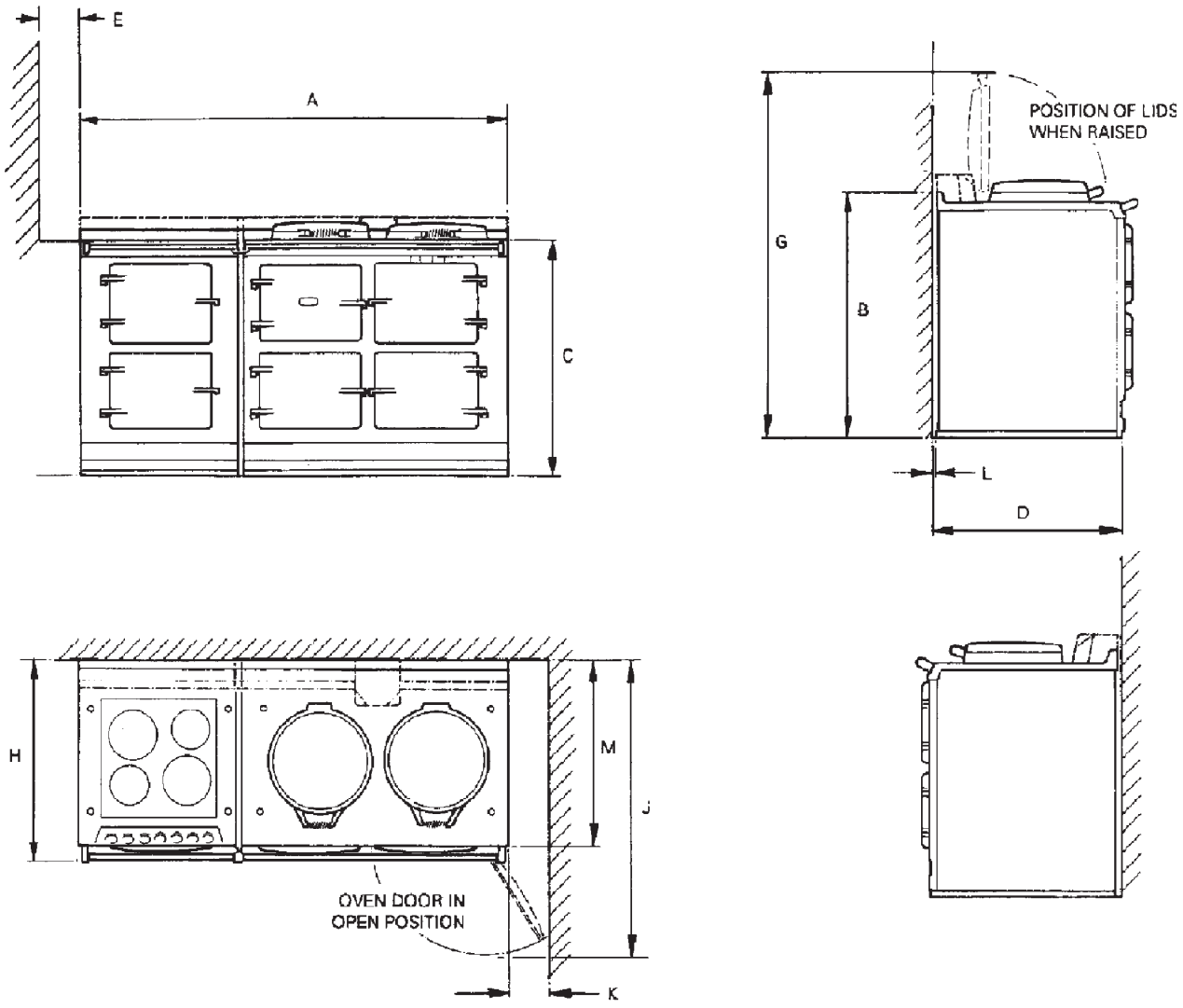
SPECIFICATIONS - 3 OVEN AGA WITH MODULE (GC3M)



	A	B	C	D	E	G	H	J	K	L	M
mm	1598	889	851	679	60	1330	756	1125	116	3	698

FIG. 2A

DESN 512541

NOTE: When surveying for a cooker installation the actual clearance required for the 'body' of the appliance should be increased overall by 10mm beyond the figures quote above. This allows safe margin to take into account the natural dimensional variations found in major castings in particular the width across an appliance recess could be critical.

SPECIFICATION - AGA GC3 (POWER FLUE) WITH MODULE

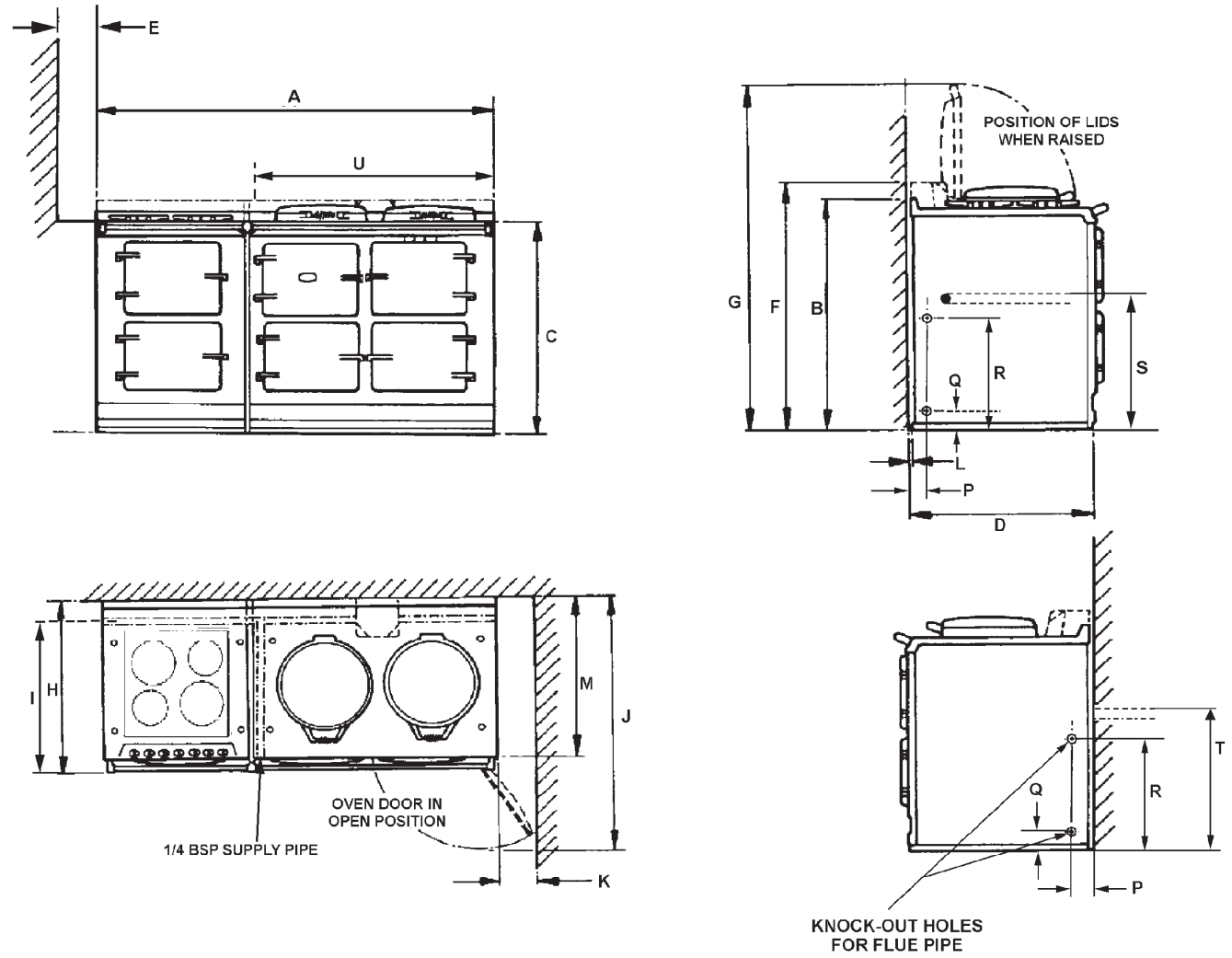


FIG. 2B

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	A	B	C	D	*** E	F	G	H	J	I*	K	L	M	P	Q	R	S	T	U
mm	1598	889	851	679	60	967	1330	756	1125	685	116	3	698	48	65	375	500	595	960

* GAS SUPPLY PIPE FOR GC3 (PF) WHEN FITTED TO MODULE
*** WHEN ADJACENT TO COMBUSTIBLE MATERIAL

COOKER DIMENSIONS

When surveying for a cooker installation the actual clearance required for the 'body' of the appliance should be increased overall by 10mm beyond the figures quoted below. 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.

INSTALLATION SEQUENCE AND PROCEDURE

installation must be to Local and National Wiring Regulations and carried out by a Qualified Engineer.

Having ensured all space requirements and regulations having been satisfied for the combined arrangement (Aga Cooker & Module) ,the build and Installation is to proceed as follows:-

1. It is essential that the base or hearth on which both cooker and module stands should be level and capable of supporting the total weight of both units.
   Module weight = 94 kgs.
2. Unpack and remove the Module from the pallet.
3. Unclip the thermostats in the ovens.
4. Remove the top plate by unscrewing the chrome buttons and nuts, disconnect the right and left hand electric wiring plugs at the rear and remove the thermostat phials from the ovens by pushing through the oven entry holes.
   Lay the top plate safely on its top face, suitably protected.
5. First check that the current is OFF.
   Connect the mains wire to the terminal block at the rear of the cooker (see Fig. 1 & 1A).
   Sufficient cable should be available to allow the cooker to be removed for servicing.
6. Position the cooker alongside the main Aga baseplate leaving 16mm between the two bases (see Fig. 3).
   Check with a spirit level that the front plate is vertical and the ovens level. Shim under the module base if necessary.
7. Proceed with the main Aga build in accordance with normal practice until a check can be made that the Module front plate and the Aga front are the same height and that the distance between the two units has been maintained. If not, adjustment should be made to the Module position. Connect gas supply for parent Aga and check for gas soundness.

   NOTE: For connecting gas supply to Aga GC3 (3 Oven Model, (See Fig. 5). Alternatively the gas supply for the Aga GC3 could be connected from the right hand side, see Fig. 1 of Aga GC3 Installation Instructions. Check for gas soundness after connecting to gas supply.
8. Levelling of the simmering plate on the main cooker can be carried out with its top plate in position and verified across to the Module (see Fig. 4).
9. Complete the main cooker build and loosely screw down the top plate.
10. Apply tape (provided) to the underside of the lap strip on the Module top plate.
11. Replace the Module top plate ‘propping up’ to enable the top and bottom thermostat phials (top oven shorter length of two) and LH/RH wiring harness plugs to be inserted and connected.
12. Lower the top plate into position and loosely screw down.
13. Verify that the two top plates are level.
14. Insert thermostat phials into their respective clips in the ovens.
15. Secure handrails as shown on Instruction Sheet No. EINS 511080.
16. Finally tighten both top plates.

Commission the main Aga cooker, as stated in the relevant Installation Instruction and carry out functional tests on each of the features on the Module.

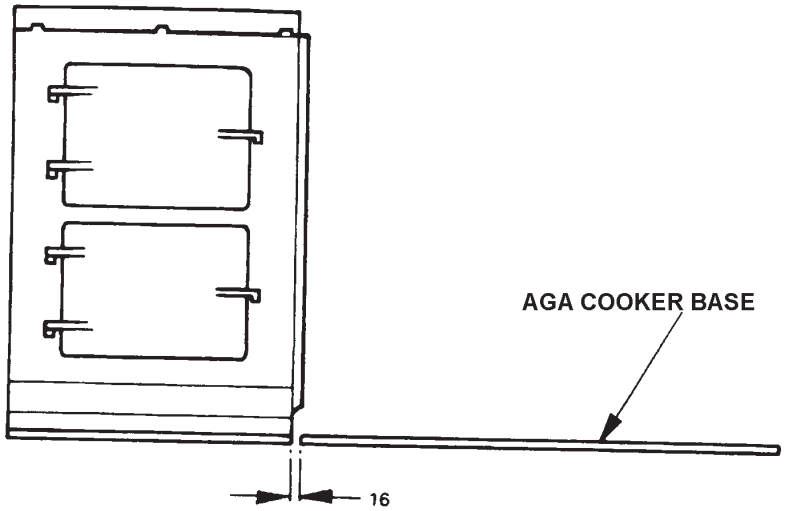


FIG. 3 DESN 511254

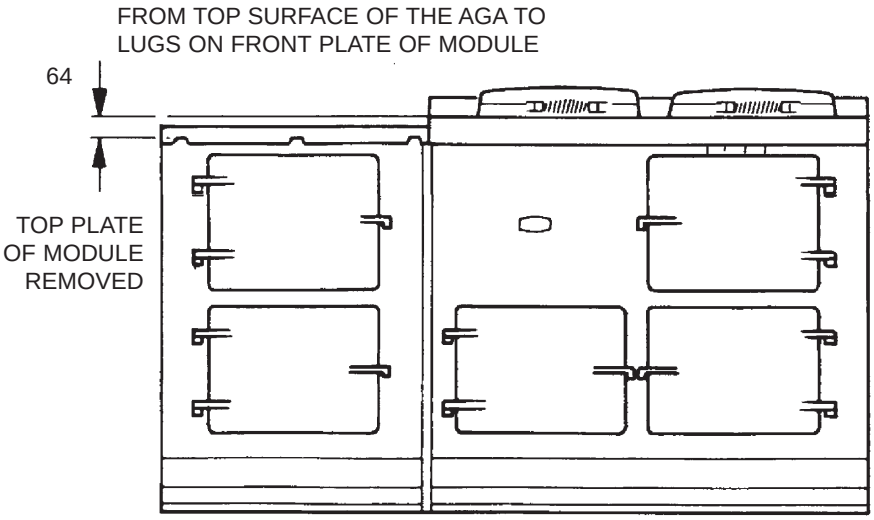
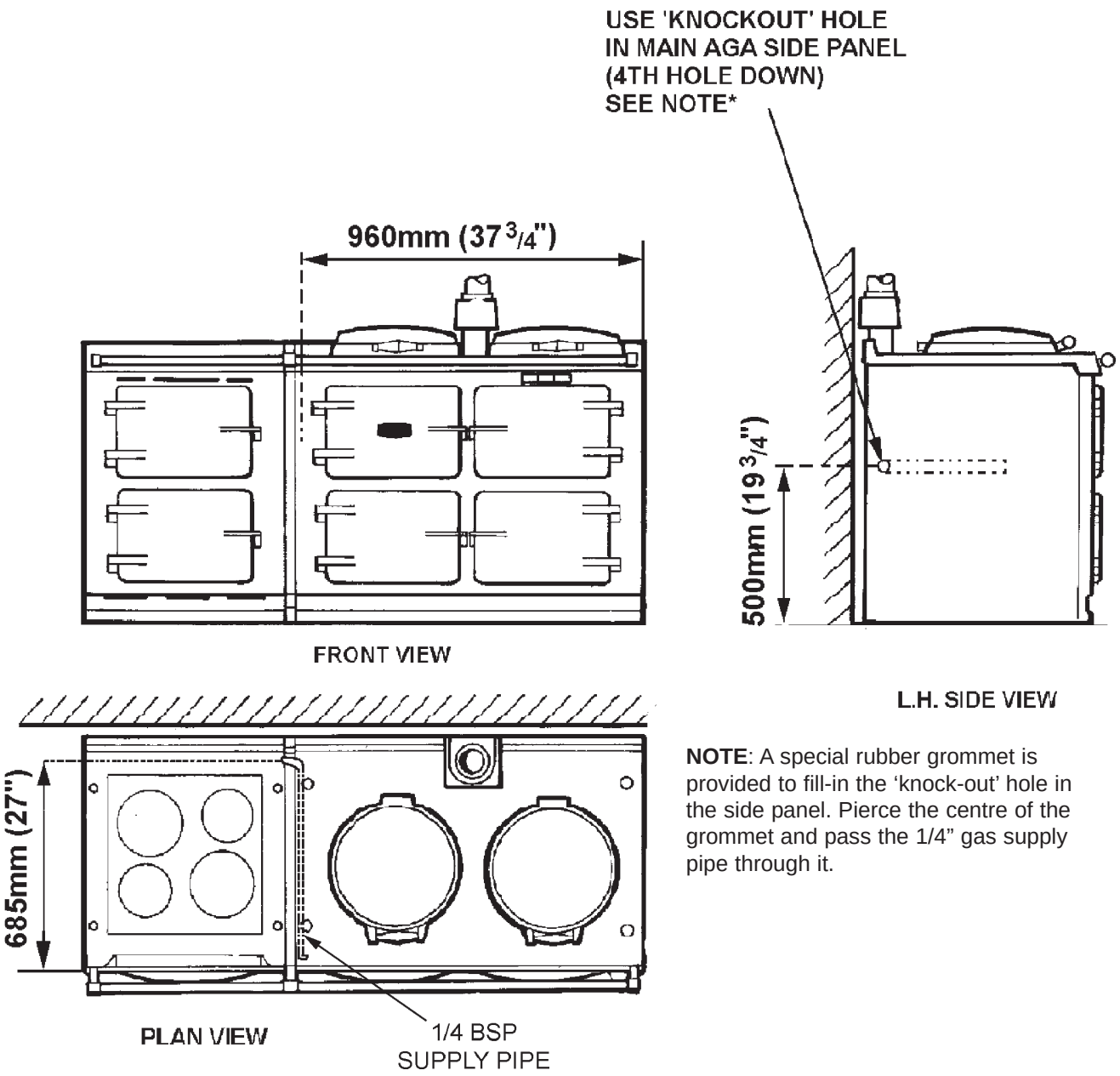


FIG. 4 DESN 511255



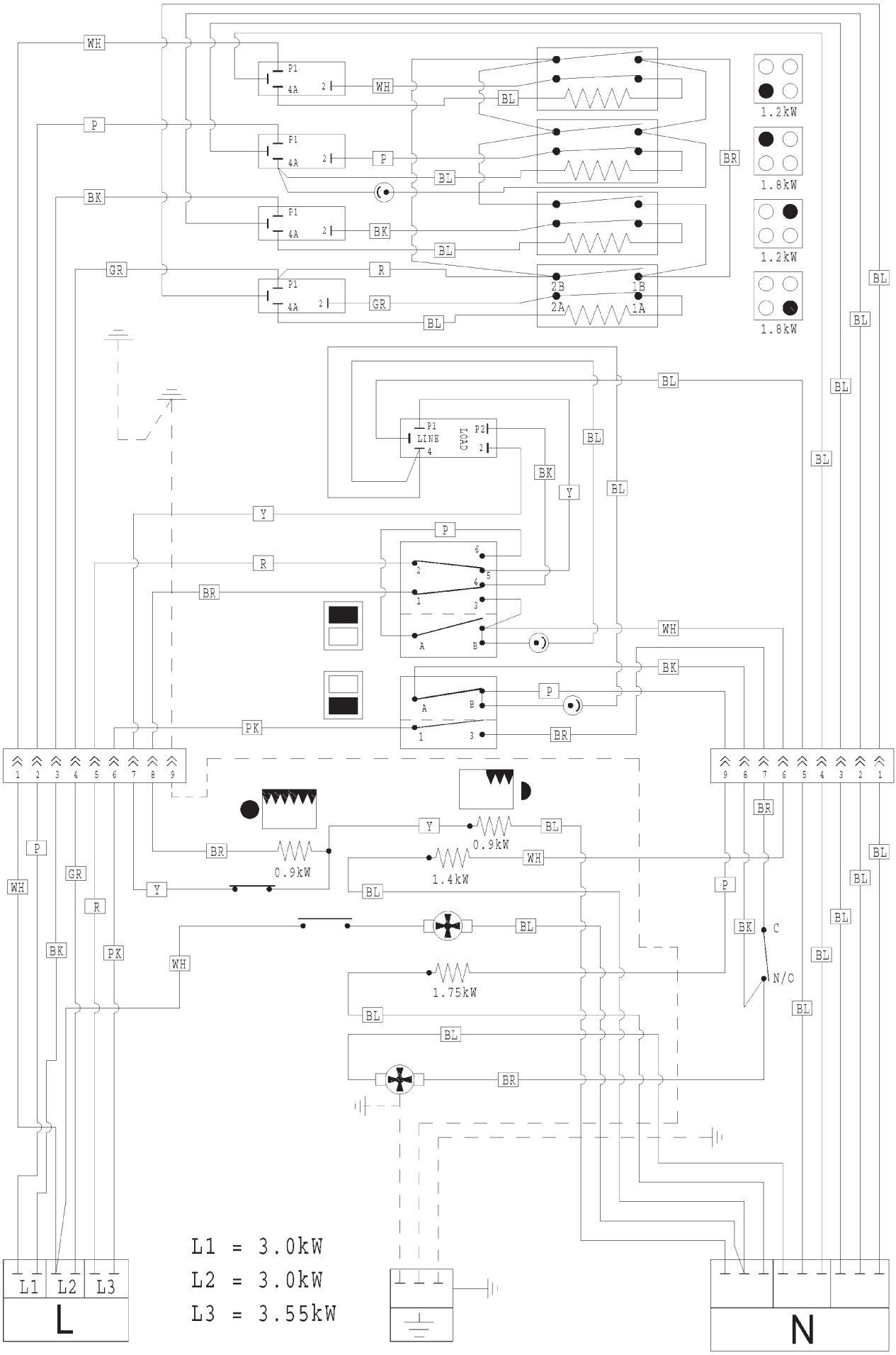
NOTE: A special rubber grommet is provided to fill-in the 'knock-out' hole in the side panel. Pierce the centre of the grommet and pass the 1/4" gas supply pipe through it.

Fig 5 - Aga GC3 (Open Flue) & GC3 (Power Flue) Only - Gas Supply Connections (approximate positions)

DESN 512542

NOTE: For gas supply to the Aga GC3 use **EITHER** the supply pipe as shown above, **OR** the supply pipe (also provided) with gas inlet low down at front right hand side of Aga GC3. (see Fig. 1 of GC3 Installation Instructions).

AGA ELECTRIC MODULE WIRING (UK & EUROPE)



For further advice or information contact your local Aga Specialist.

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

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