



TC/DC INTEGRATED MODULE (with Ceramic Hob)

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



For use in GB and IE

05/15 EINS 516273

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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 and installed adjacent to the LH side of an AGA Total Control.

Installation of the AGA TC/DC Module must, therefore, be in conjunction with the build instructions of the 'parent' AGA Total/Dual Control.

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. vent pipe from 'parent' AGA.

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

NOTE: THE MAIN AGA TOTAL/DUAL CONTROL IS DELIVERED EX-WORKS PARTIALLY ASSEMBLED.

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

The AGA TC/DC Module is shipped 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.

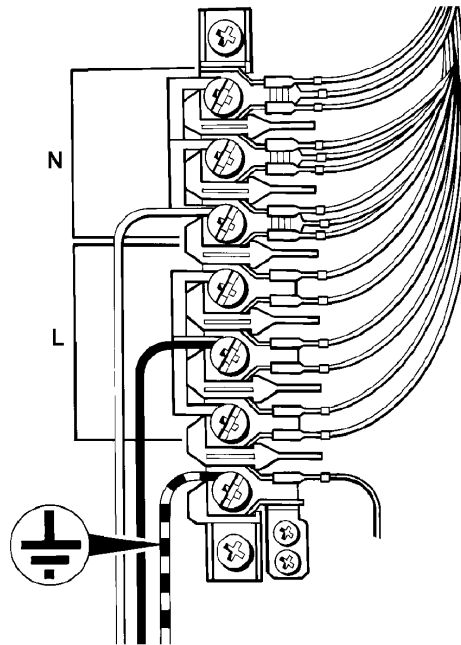
Remember that an excess of cable length is required for the possible withdrawal of the cooker.

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 an independent 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 6mm² cable to comply with the latest editions of the local and national wiring regulations.

SINGLE PHASE CONNECTION - MINIMUM 6mm² AND MUST COMPLY WITH THE LATEST EDITIONS OF THE LOCAL AND NATIONAL WIRING REGULATIONS



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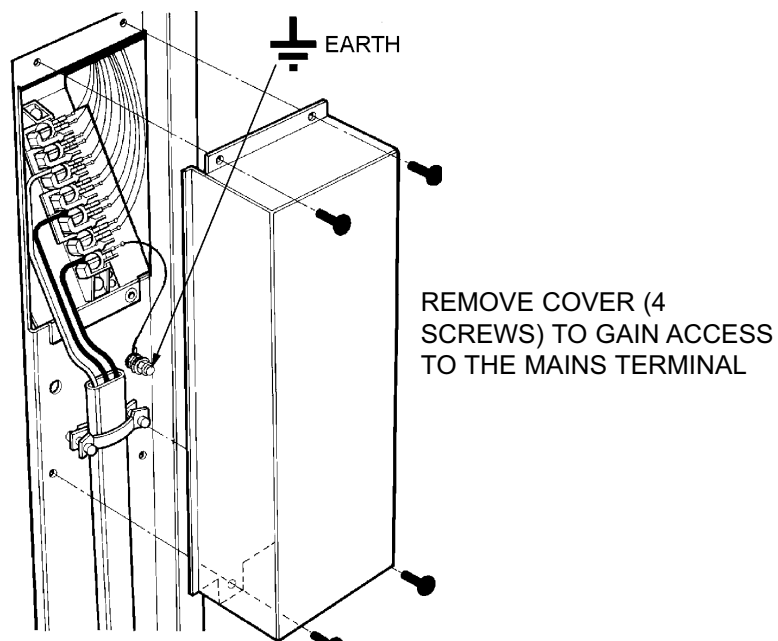
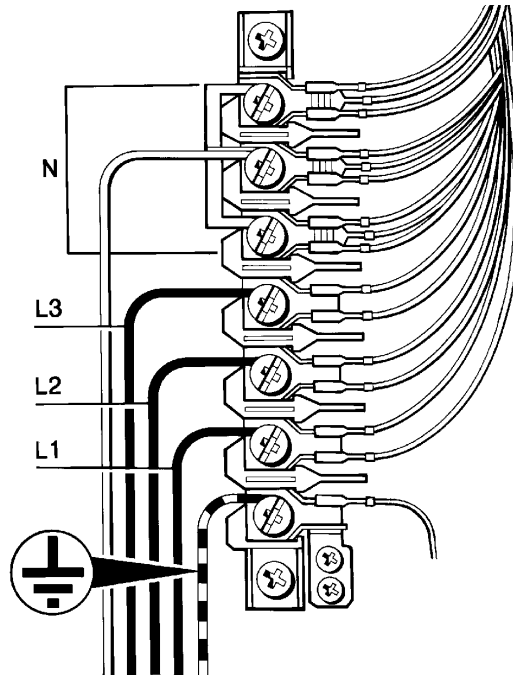


Fig. 1A

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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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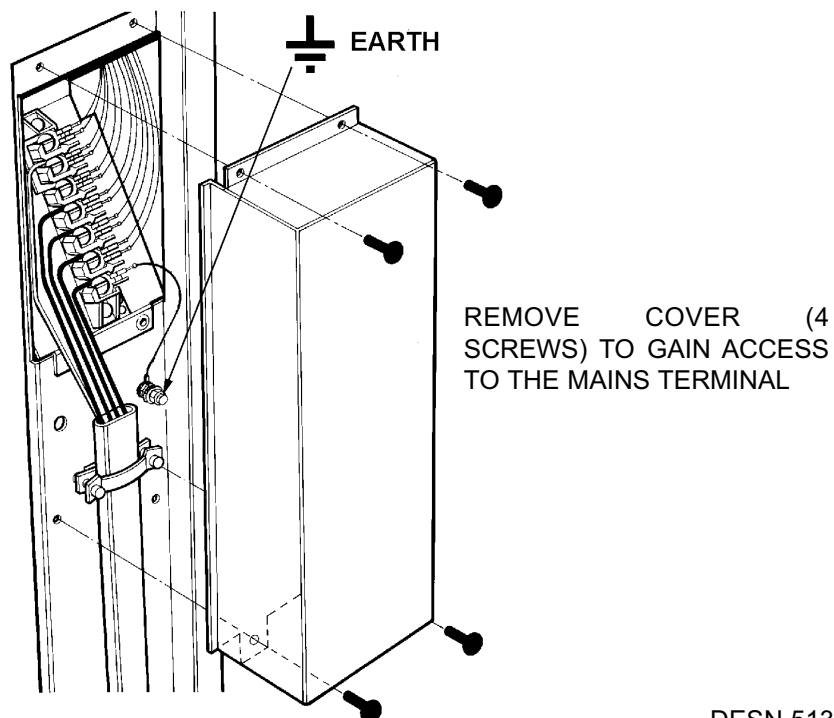


Fig. 1B

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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 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 oven vent pipes with the following provisos:-

Note: It is advisable that the supply cable is routed away from any hot surfaces i.e. oven vent 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.

SPECIFICATIONS - AGA TOTAL (TC3) / DUAL CONTROL (DC3) WITH TC/DC MODULE (TC3M / DC3M)

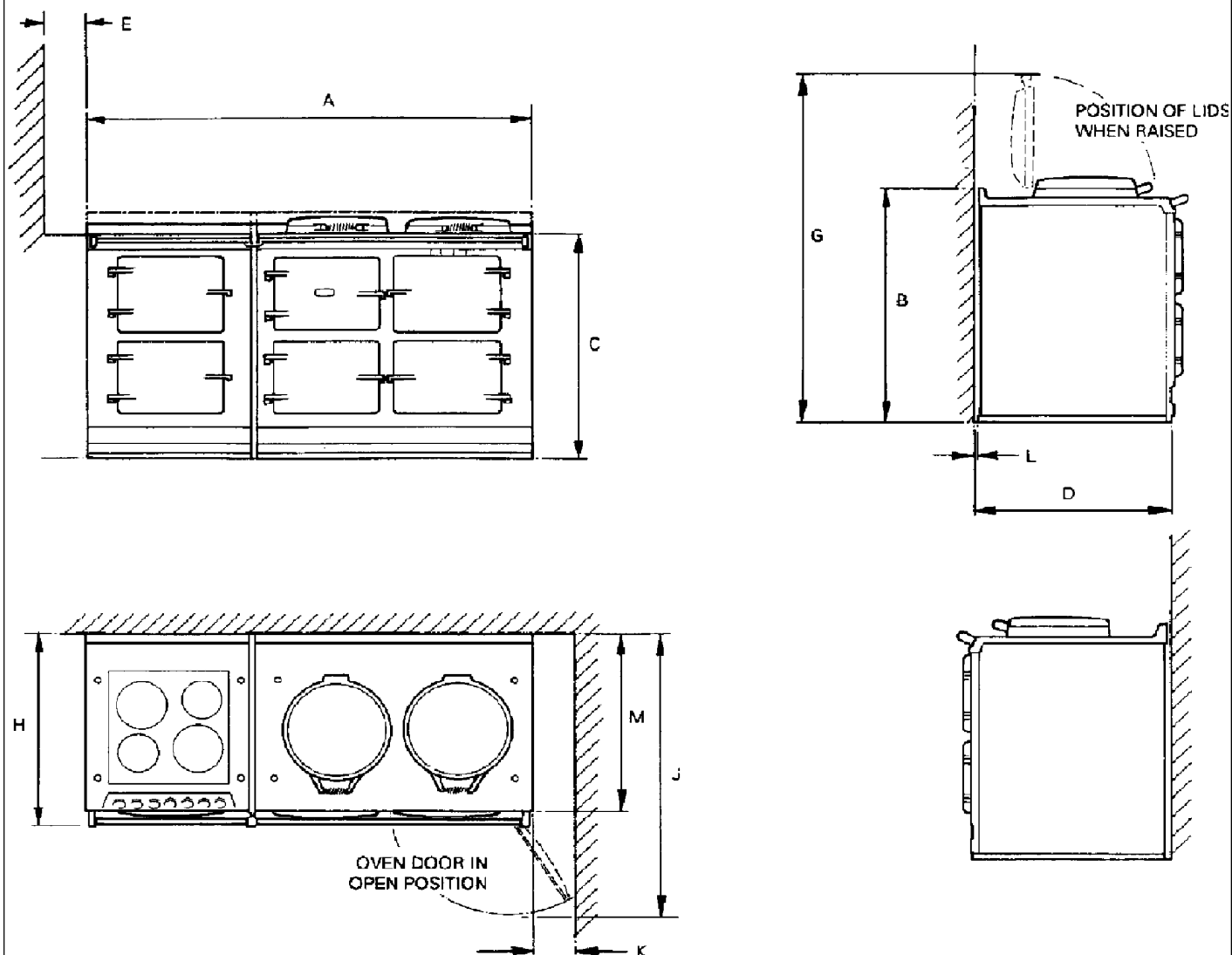


Fig. 2

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	A	B	C	D	E	G	H	J	K	L	M
mm	1589	951	913	680	60	1388	756	1145	116	10	698

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.

SPECIFICATIONS - AGA TOTAL (TC5) / DUAL CONTROL (DC5) WITH TC/DC MODULE (TC5M / DC5M)

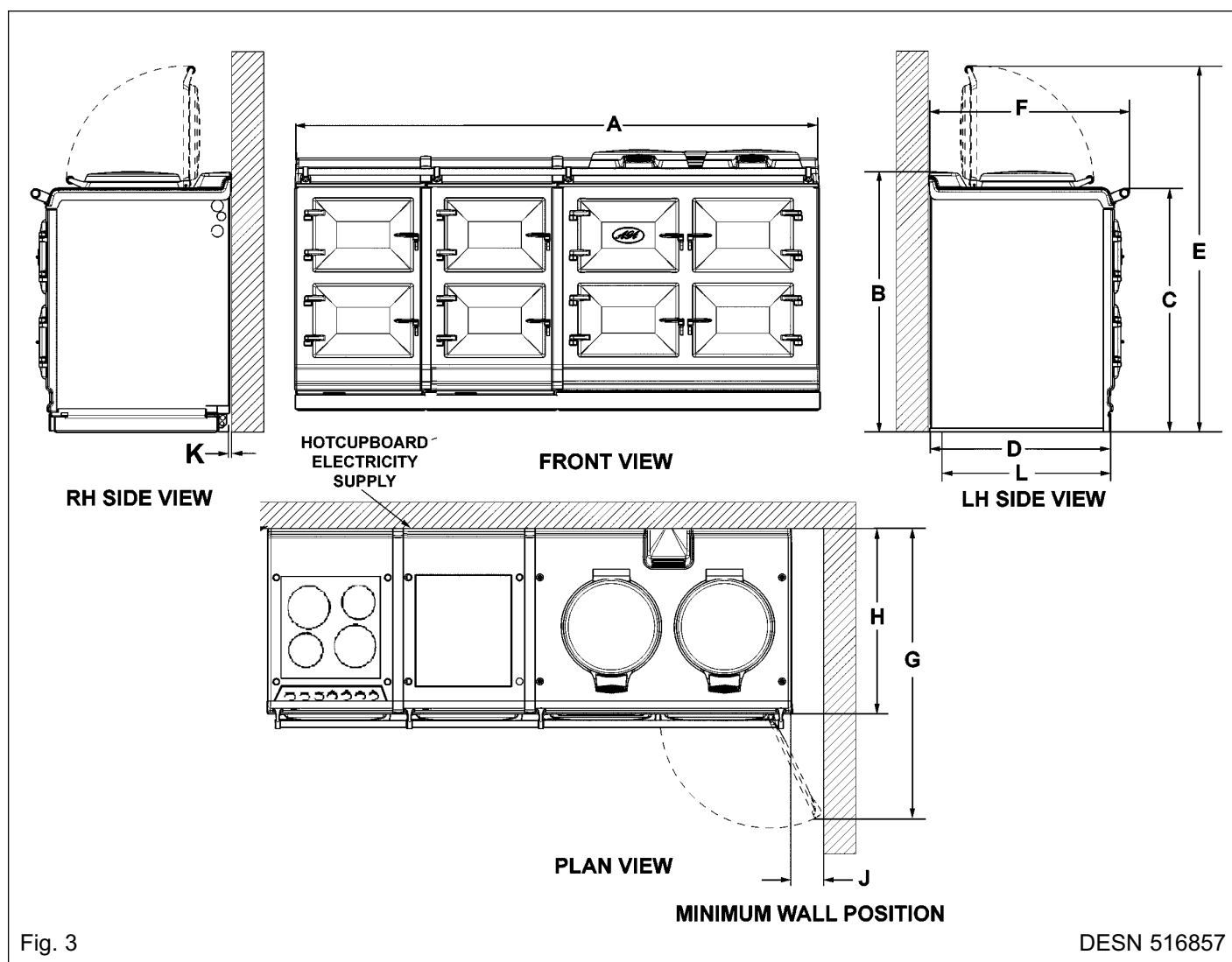


Fig. 3

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	A	B	C	D	E	F	G	H	J	K	L
mm	2084	951	913	680	1388	760	1145	698	116	10	634

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.

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 have been satisfied for the combined arrangement (AGA Total / Dual Control and 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.

AGA Total Control (TC3) = 370kgs

AGA Dual Control (DC3) = 444kgs

Hotcupboard (TC5 / DC5) = 110kgs

Module = 94kgs

2. Unpack and remove the Module from the pallet.
3. Check that the rear extension piece is secured to the left hand side panel.
4. Release 2 screws from front tongue bracket and allow the bracket to drop downwards. Now slide the Module off its plinth and set to one side.

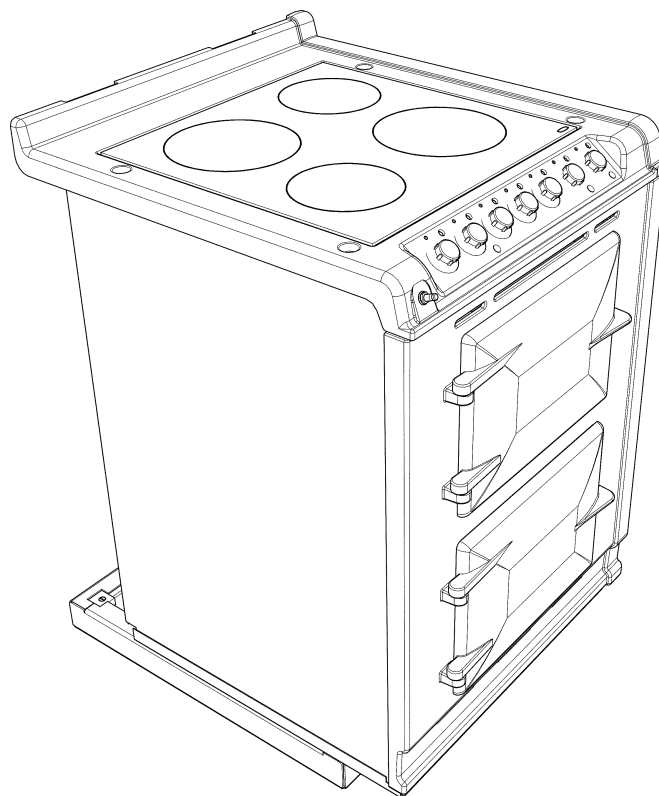


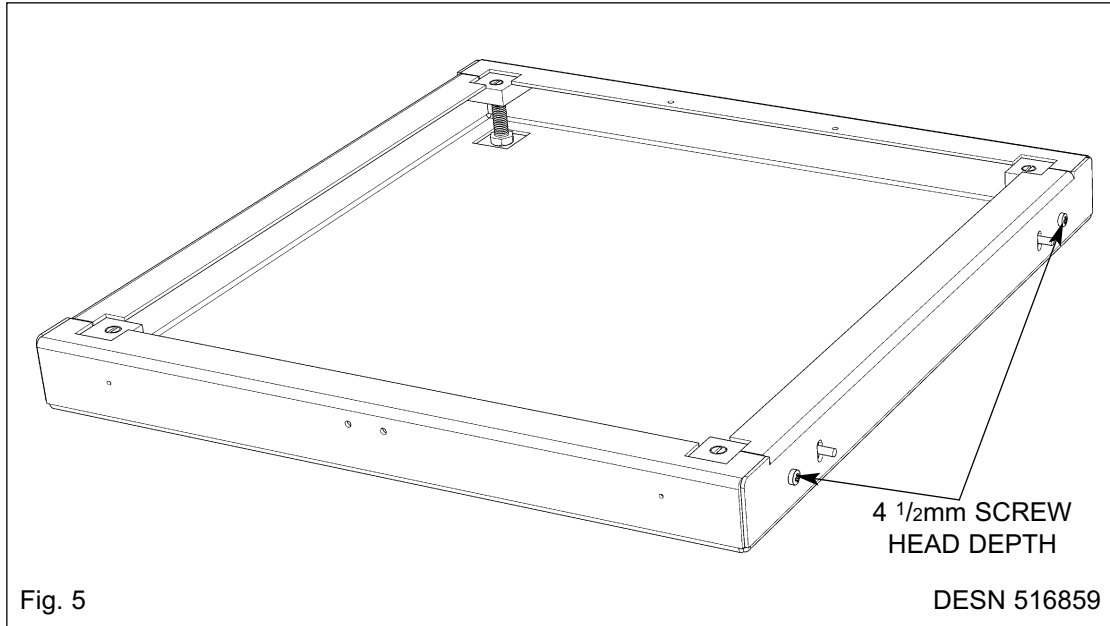
Fig. 4

DESN 516851

5. The Module plinth can now be levelled and fitted up to the main appliance. Position the Module plinth alongside the AGA TC3/DC3 leaving no gap between the two plinths (See Fig. 6).

When fitting the Module onto a AGA TC5/DC5 there should be a gap of 4.5 mm (See Fig. 5).

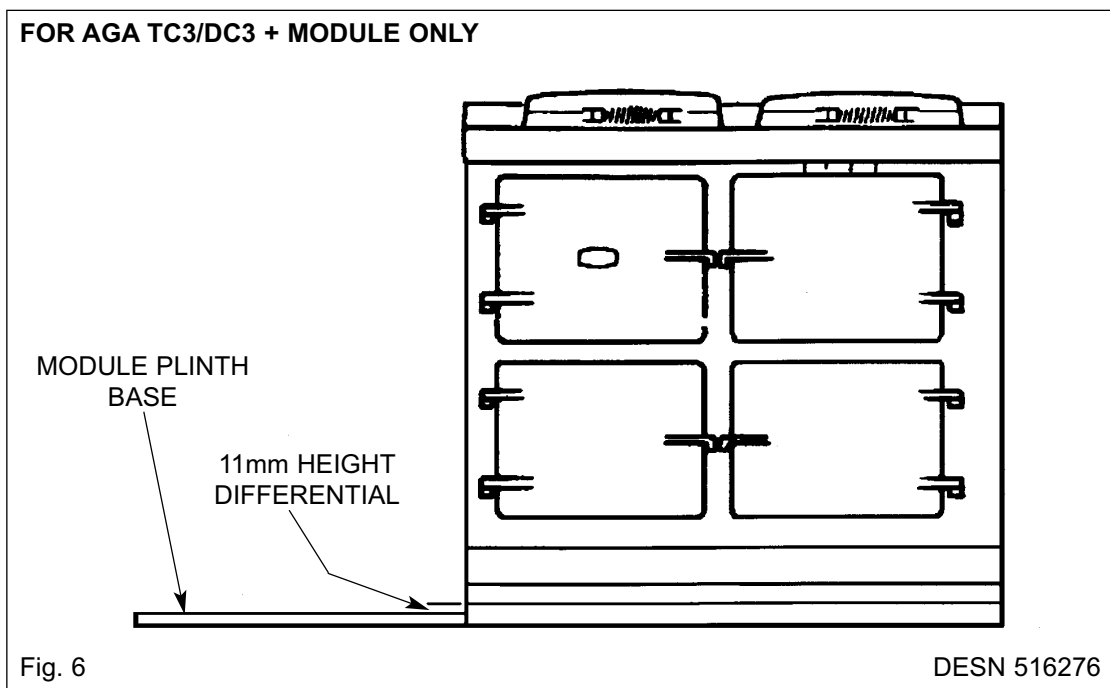
PLEASE NOTE: When fitting a Module plinth to an AGA TC5 or AGA DC5 the 2 adjustment screws should be screwed in from the outside (until they are fully in). The screw heads will set a gap of 4.5mm between plinths.



Check with a spirit level that the plinth is correct and using a straight edge check that both plinths are aligned along the front face (using either front or rear plinth adjustment screw to alter alignment, if necessary).

Also, check height differential between the Module plinth and AGA Total/Dual Control plinth is correct (11mm). If necessary, use the adjusting studs in each corner to level the plinth. In extreme instances, shims may be used underneath the plinths.(See Fig. 6 or 6A).

FOR AGA TC3/DC3 + MODULE ONLY



FOR AGA TC5/DC5 + MODULE ONLY

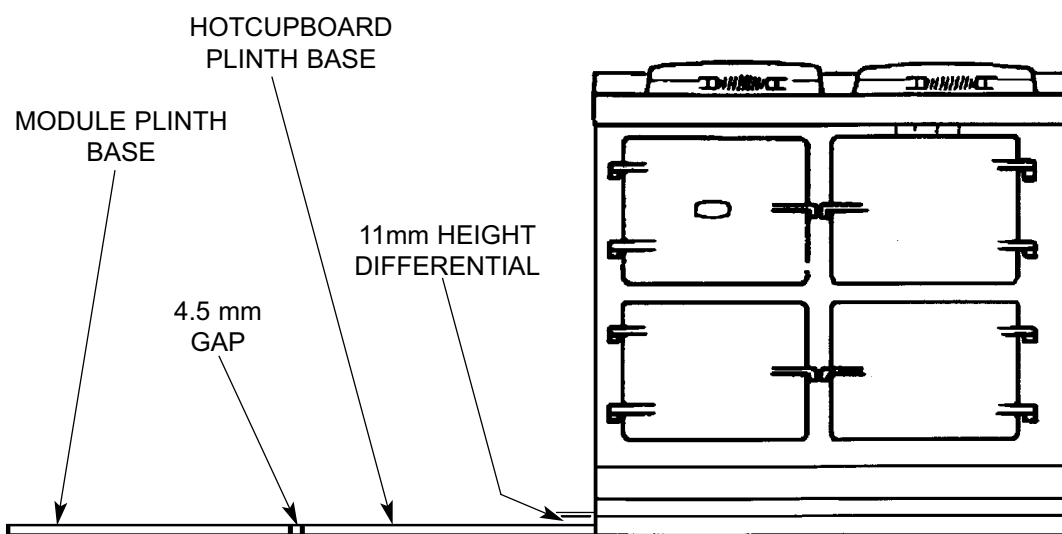


Fig. 6A

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6. Attach Module plinth to the AGA Total/Dual Control plinth using 2 M6 screws and washers provided (See Fig. 7 or 7A). Slide front jointing bracket into place over two adjacent magnets, locking the two appliances together.

FOR AGA TC3/DC3 + MODULE ONLY

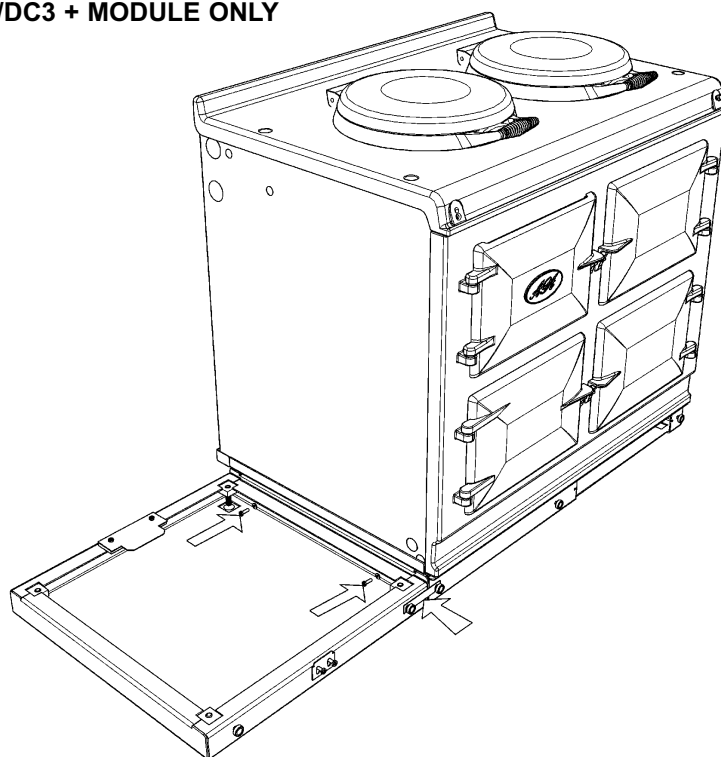


Fig. 7

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FOR AGA TC5/DC5 + MODULE ONLY

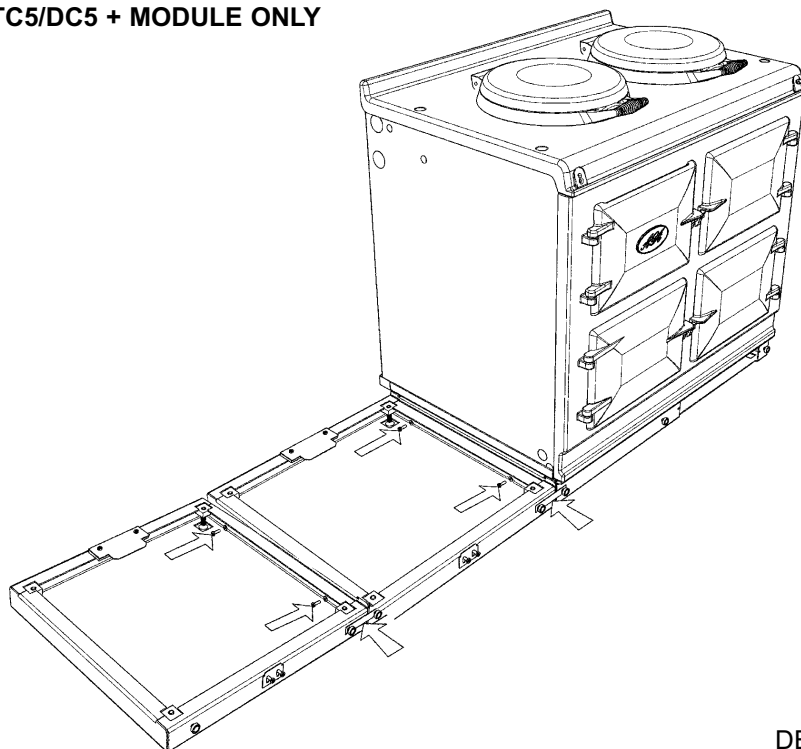


Fig. 7A

DESN 516858

7. Next check that the current is OFF.

Connect the mains wire to the terminal block at the rear of the cooker (See Figs. 1A & 1B). Sufficient cable should be available to allow the cooker to be removed for servicing.

Remove 4 corner buttons and nuts, from top plate and wind the hob adjusters up until the top plate rises approximately 5mm. This is to allow the complete appliance to be slid onto its plinth when alongside the AGA TC3/DC3 and AGA TC5/DC5, without the top plate clashing.

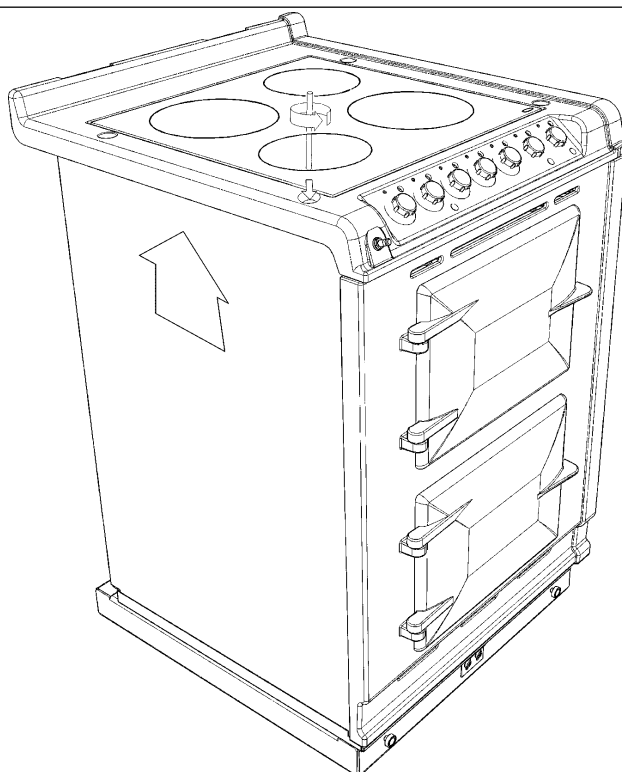
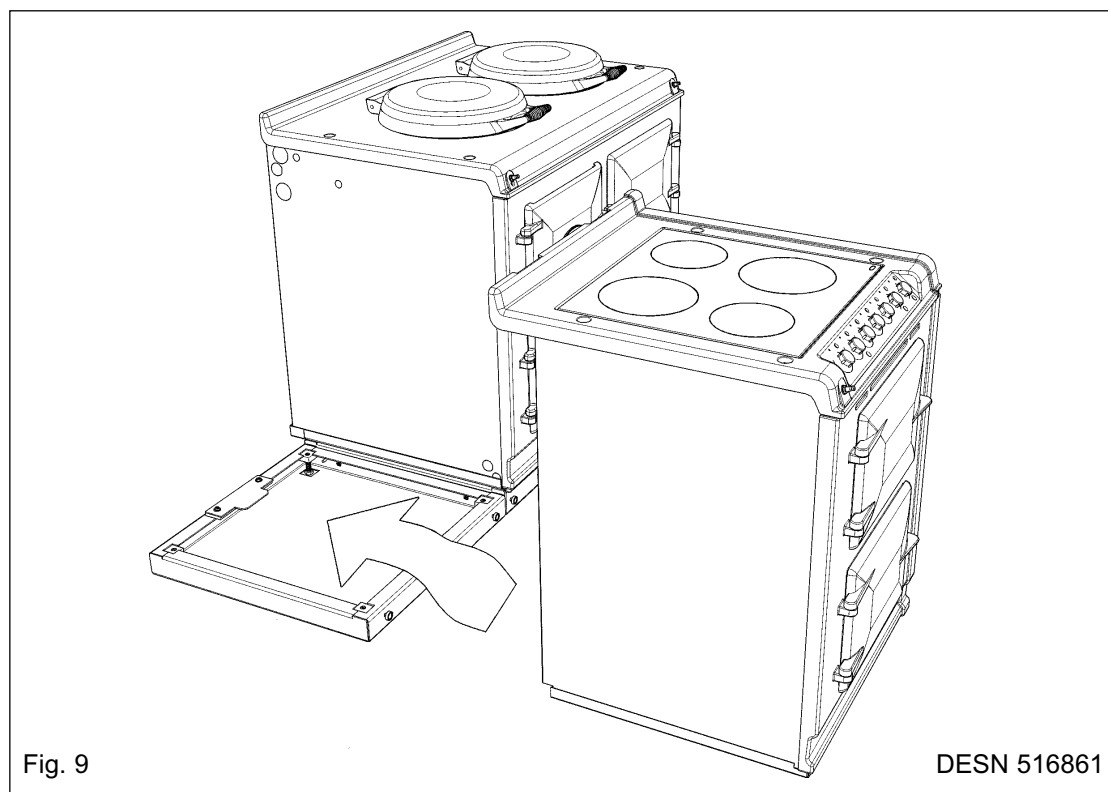


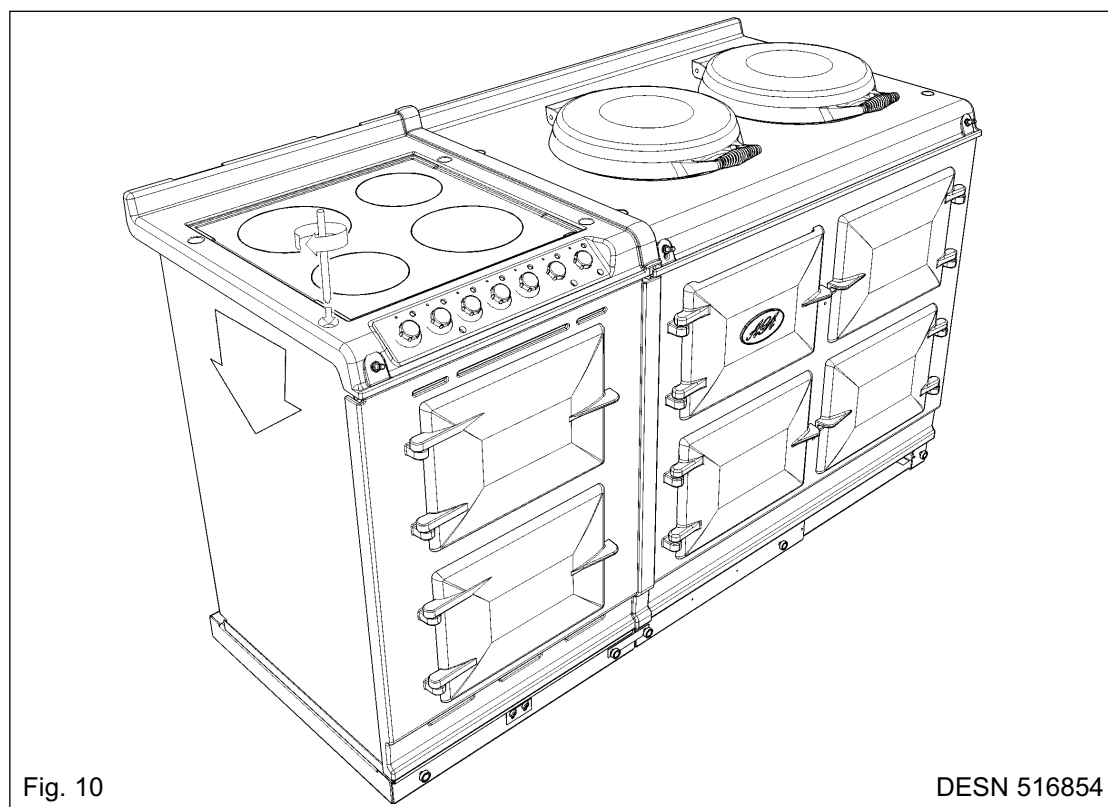
Fig. 8

DESN 516853

8. Slide Module onto plinth until rear tongue bracket engages fully into rear of base plate slot, (See Fig. 9). Ensure the appliance is aligned squarely with the plinth then proceed to engage the front tongue bracket into the slot on the underside of the base plate. Once satisfied that the front tongue bracket is engaged, lock it into place by tightening the two M6 screws fully.



9. Check to ensure that the Module front plate and AGA Total/Dual Control front plate are the same height and that the overlap strips correspond correctly. If not, adjustment should be made to the relevant appliance at this stage.
10. Once happy that the Module is fitted satisfactorily alongside the main appliance, wind the top plate adjusters back down and replace the corner stay nuts and buttons. (See Fig. 10)



11. Verify that the two top plates are level, then proceed with tightening down.
12. Fit the Module handrail bracket over the fixing stud located on the top plate. Lock into position by tightening the grub screw nearest the appliance. (See Fig. 13).

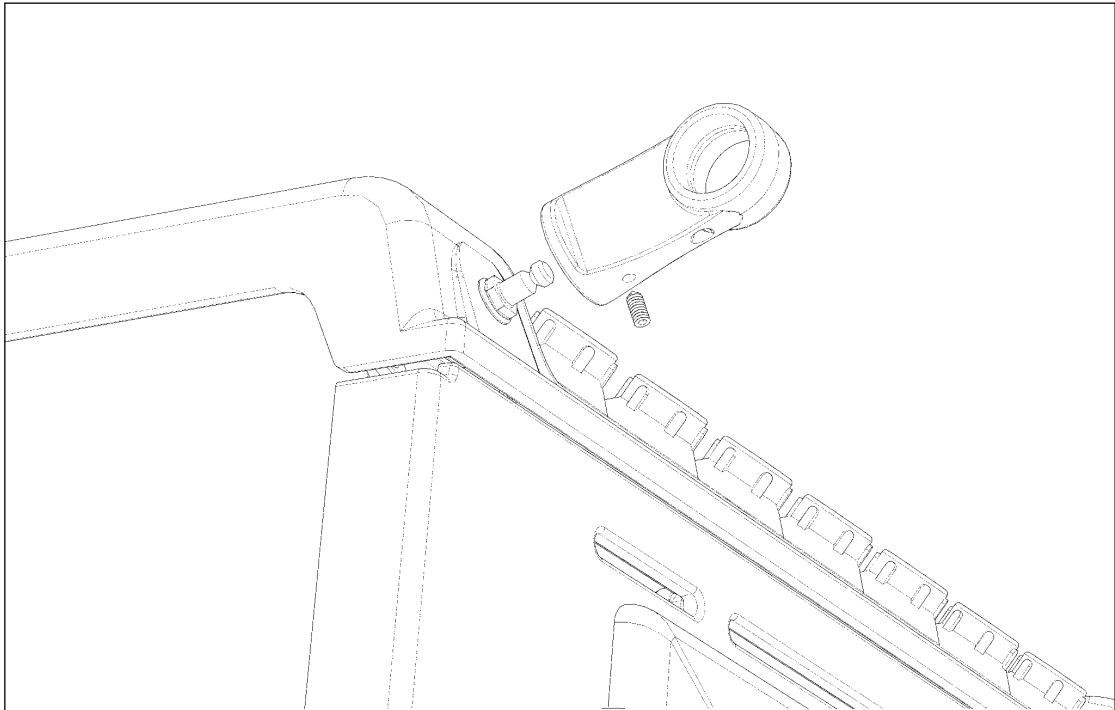


Fig. 13

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13. Next, fit allthread stud into the insert located in the one end of the Module handrail, then feed the handrail through the bracket and screw the handrails together. (See Fig. 14).

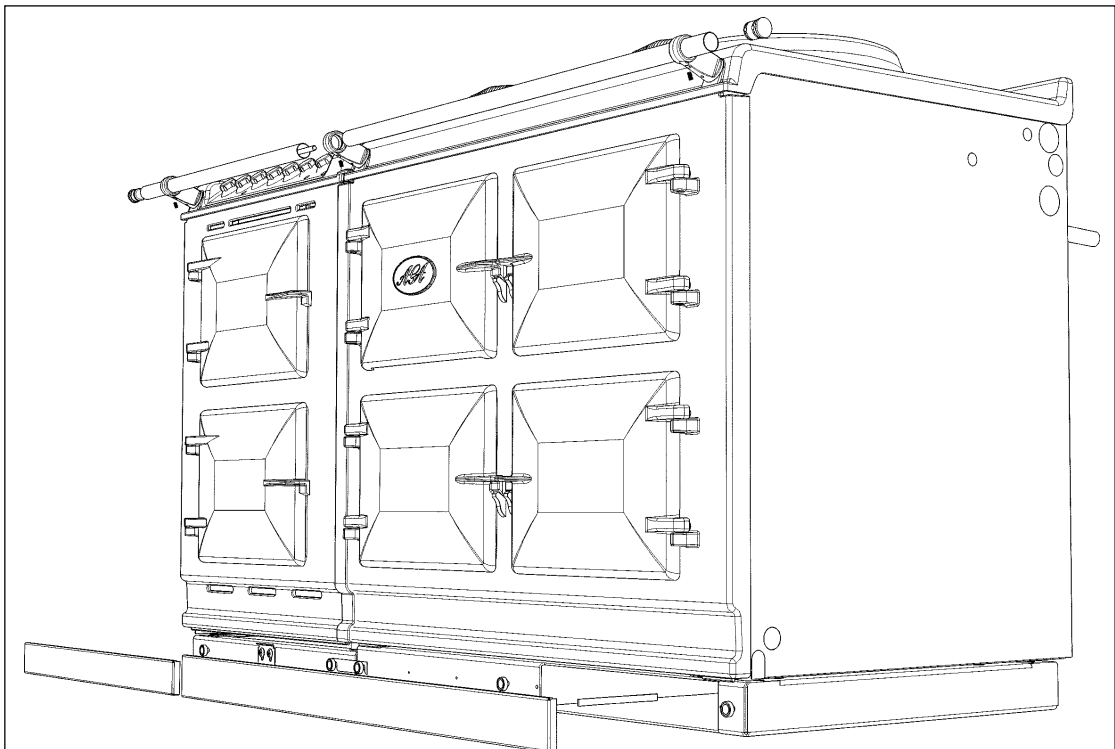


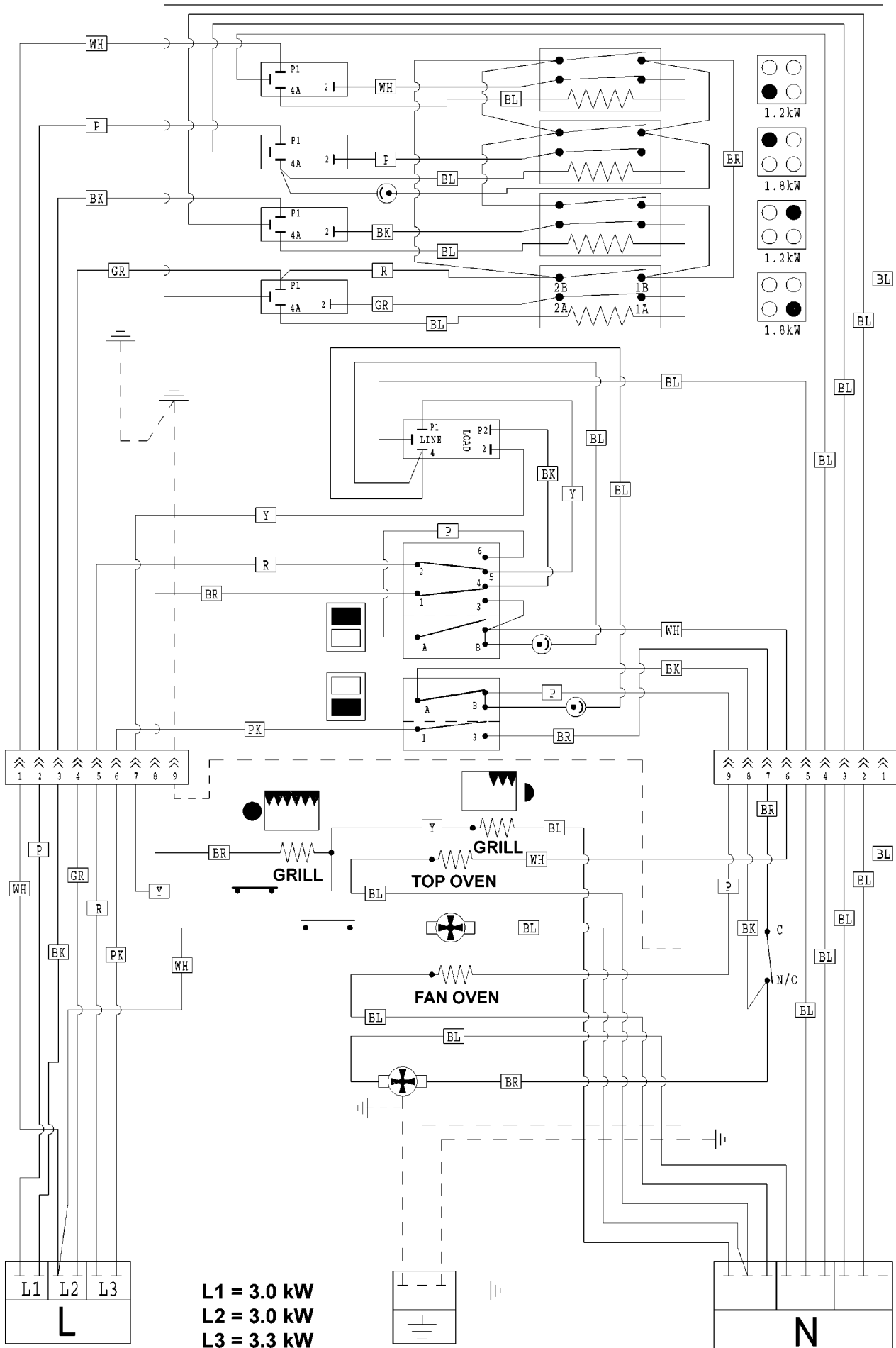
Fig. 14

DESN 516856

14. 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.
15. 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, washing up liquid on the end cap 'O' rings may ease fitment).
16. Finally, fit the plinth fascia to the magnets on the front of the plinth, making sure that the right hand side of the Module plinth fascia sits against the left hand side of the AGA Total Control or AGA Dual Control plinth fascia leaving no gap between. Make sure that the plinth fascias are centrally located and do not overhang either appliance. (See Fig. 14)

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

AGA TC/DC INTEGRATED MODULE WIRING DIAGRAM



**For further advice or information contact
your local AGA Specialist.**

With AGA Rangemaster'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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