



AGA CITY60 (Gas Hob)



Installation Guide

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 COMMENCING SITE SURVEY
OR INSTALLING THIS APPLIANCE.**



For use in GB and IE

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HEALTH AND SAFETY

Consumer Protection

As responsible manufacturers we take care to make sure that our products are designed and constructed to meet the required safety standards when properly installed and used.

PLEASE READ THE ACCOMPANYING WARRANTY

Any alteration that is not approved by AGA could invalidate the approval of the appliance, operation of the warranty and could also affect your statutory rights.

INSTALLATION REQUIREMENTS

THIS APPLIANCE MUST ONLY BE INSTALLED BY COMPETENT ENGINEERS WHO HAVE BEEN SPECIFICALLY FACTORY TRAINED ON THE PRODUCT AND WHO HAVE THE APPROPRIATE EQUIPMENT.

The installation of the appliance must be in accordance with the relevant requirements of the IEE Wiring Regulations and Building Regulations. It should be in accordance also with any requirements of the local authority.

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

WARNING: THIS APPLIANCE SHALL BE INSTALLED IN ACCORDANCE WITH THE REGULATIONS IN FORCE AND ONLY USED IN A WELL VENTILATED SPACE, READ THE INSTRUCTIONS BEFORE INSTALLING OR USING THIS APPLIANCE.

PRIOR TO INSTALLATION, ENSURE THAT THE LOCAL DISTRIBUTION CONDITIONS (TYPE OF GAS AND GAS PRESSURE) AND THE ADJUSTMENTS OF THE APPLIANCE ARE COMPATIBLE.

THE ADJUSTMENT CONDITIONS FOR THIS APPLIANCE ARE STATED ON THE DATA PLATE, WHICH IS SITUATED ON A PULL-OUT PLATE, BEHIND THE PLINTH COVER.

This appliance is not connected to a combustion products evacuation device. It must be installed and connected in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation, (B.S. 5440 Part 2). It should be in accordance with any relevant requirements of the gas region and local authority.

On completion, test the gas installation for tightness.

WARNING: THIS APPLIANCE MUST BE EARTHED.

This appliance is designed for the voltage stated on the data plate.

TECHNICAL DATA

HOTPLATE

NATURAL GAS G20 - (APPLIANCE CATEGORY I_{2H})

	L.H.F. (WOK)	R.H.F.	R.H.R.	L.H.R.
BURNER TYPE	ULTRA-RAPID	SEMI-RAPID	RAPID	SEMI-RAPID
MAXIMUM HEAT INPUT	3.6 kW	1.75 kW	3.0 kW	1.75 kW
INJECTOR MARKING	145	094 (F3)	120	094 (F3)

PRESSURE POINT POSITION: JUST BELOW HOTPLATE LEVEL ON REAR RIGHT HAND SIDE OF COOKER

PRESSURE SETTING: 20mbar - NG

BURNER IGNITION: H.T. SPARK

(APPLIANCE CATEGORY I₃₊)

	L.H.F. (WOK)	R.H.F.	R.H.R.	L.H.R.
BURNER TYPE	ULTRA-RAPID	SEMI-RAPID	RAPID	SEMI-RAPID
MAXIMUM HEAT INPUT	3.5 kW (250g/h)	1.75 kW (125g/h)	3.0 kW (215g/h)	1.75 kW (125g/h)
INJECTOR MARKING	95	65	85	65

PRESSURE POINT POSITION: JUST BELOW HOTPLATE LEVEL ON REAR RIGHT HAND SIDE OF COOKER

PRESSURE SETTING: PROPANE (G31) - 37 mbar BUTANE (G30) - 28 mbar

BURNER IGNITION: H.T. SPARK

ELECTRIC OVENS

TOP OVEN POWER RATING - 3.0 kW

LOWER OVEN POWER RATING - 0.9 kW

230V 30 AMP POWER SUPPLY

This is a CLASS 1, type X appliance

The data plate is located on a pull out plate, behind the plinth cover.

WEIGHT OF APPLIANCE - 215 Kg

REMOVAL FROM PALLET AND COOKER INSTALLATION

Removing of transit brackets - Unscrew 4 screws and remove brackets, from front and two screws from rear.

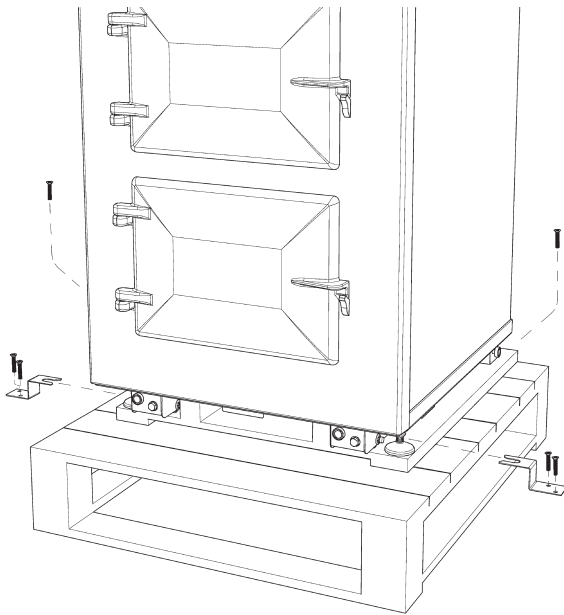
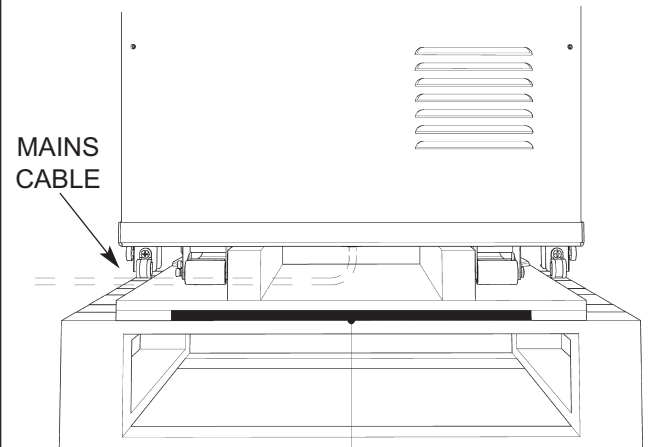


Fig. 1

DESN 517176

NOTE: Care must be taken not to trap mains cable.



Appliance to be removed from rear of pallet only.
 Recess provided for suitable sack truck.
 Appliance to be secured to sack truck with suitable straps (shaded area)



Fig. 2

DESN 516891

Once appliance is in position in kitchen, remove sack truck and straps. The front stability feet can be raised with a spanner to allow appliance to be slid from transit pallet.

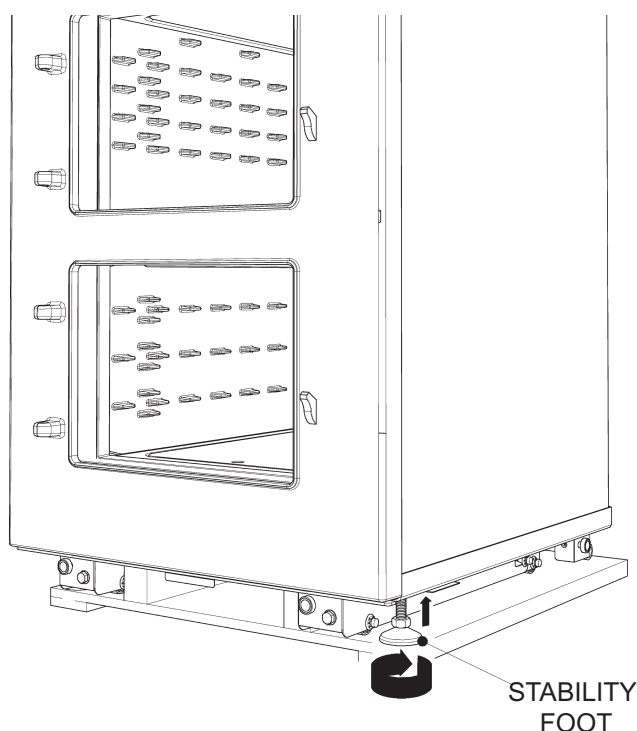


Fig. 3

DESN 517177

Slide cooker off transit pallet. Take care not to trap mains cable.

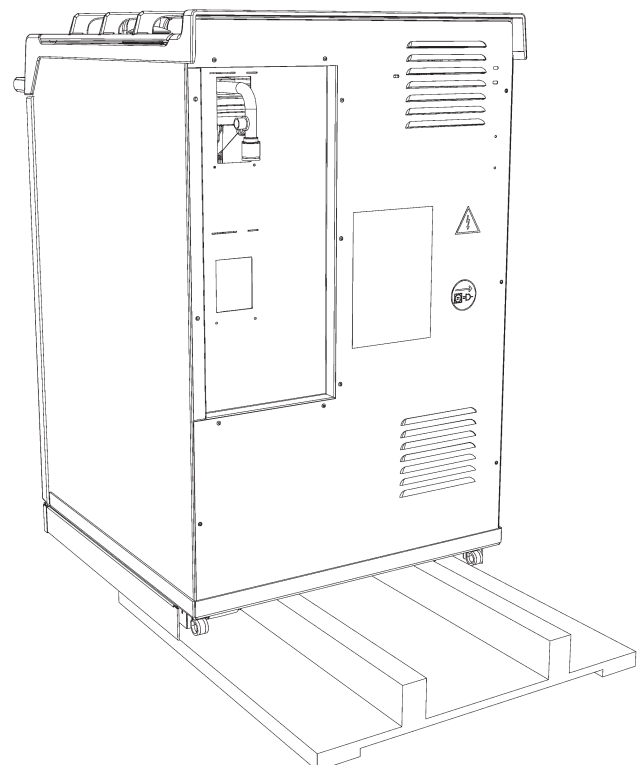


Fig. 4

DESN 517178

REMOVAL FROM PALLET AND COOKER INSTALLATION

Appliance can now be pushed back on its wheels into desired position.

NOTE: Care must be taken not to trap mains cable.

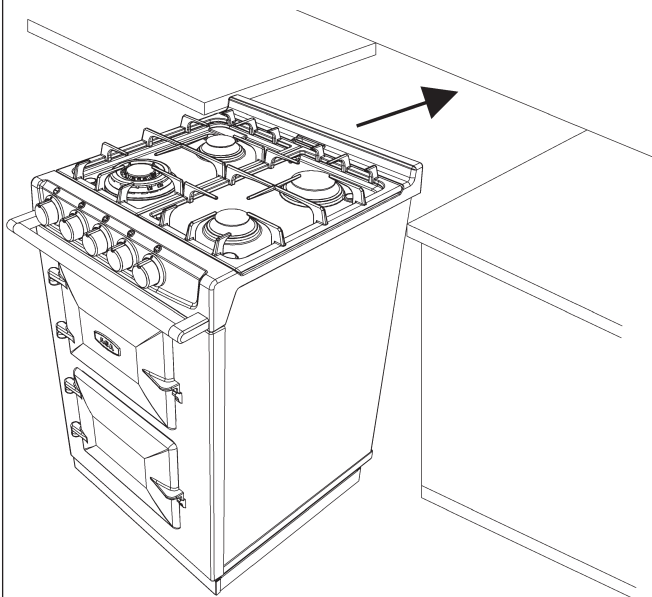
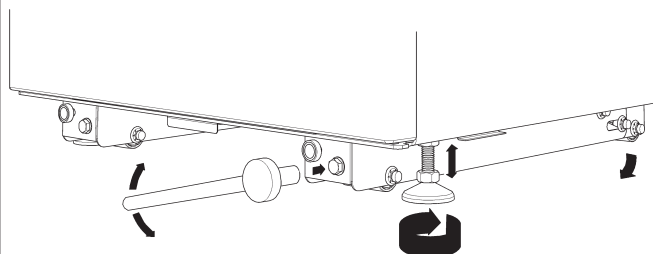


Fig. 5

DESN 517179

Levelling of appliance - Use 13mm socket to adjust wheel mechanism for **FINE** adjustment on both sides at rear of the appliance.

Using a 12mm open end spanner, feet can be adjusted at front to make **FINE** adjustments to the front of the appliance and to provide a brake for the wheels.



Turning the bolt clockwise will lower the wheel thus increasing height of the cooker.

Anti-clockwise lifts the wheels and lowers the cooker.

Fig. 6

DESN 516895

Fitting magnetic plinth

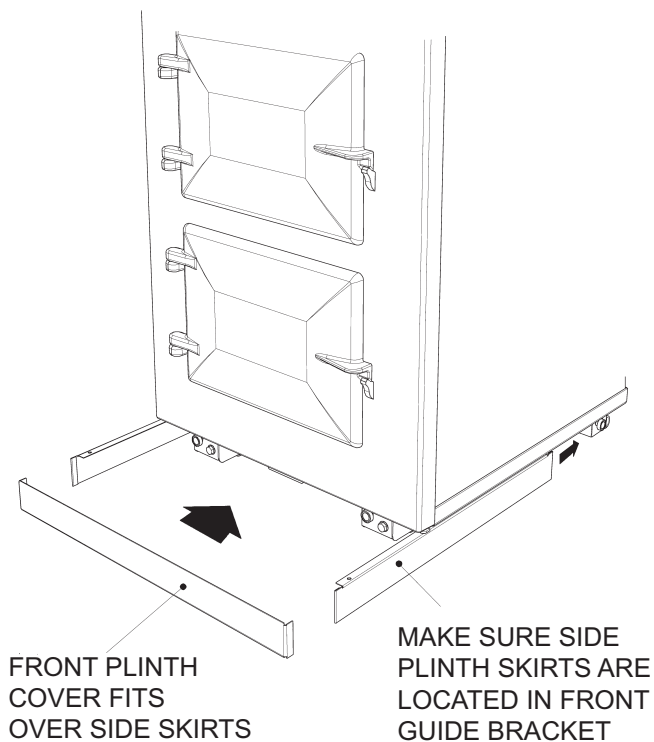
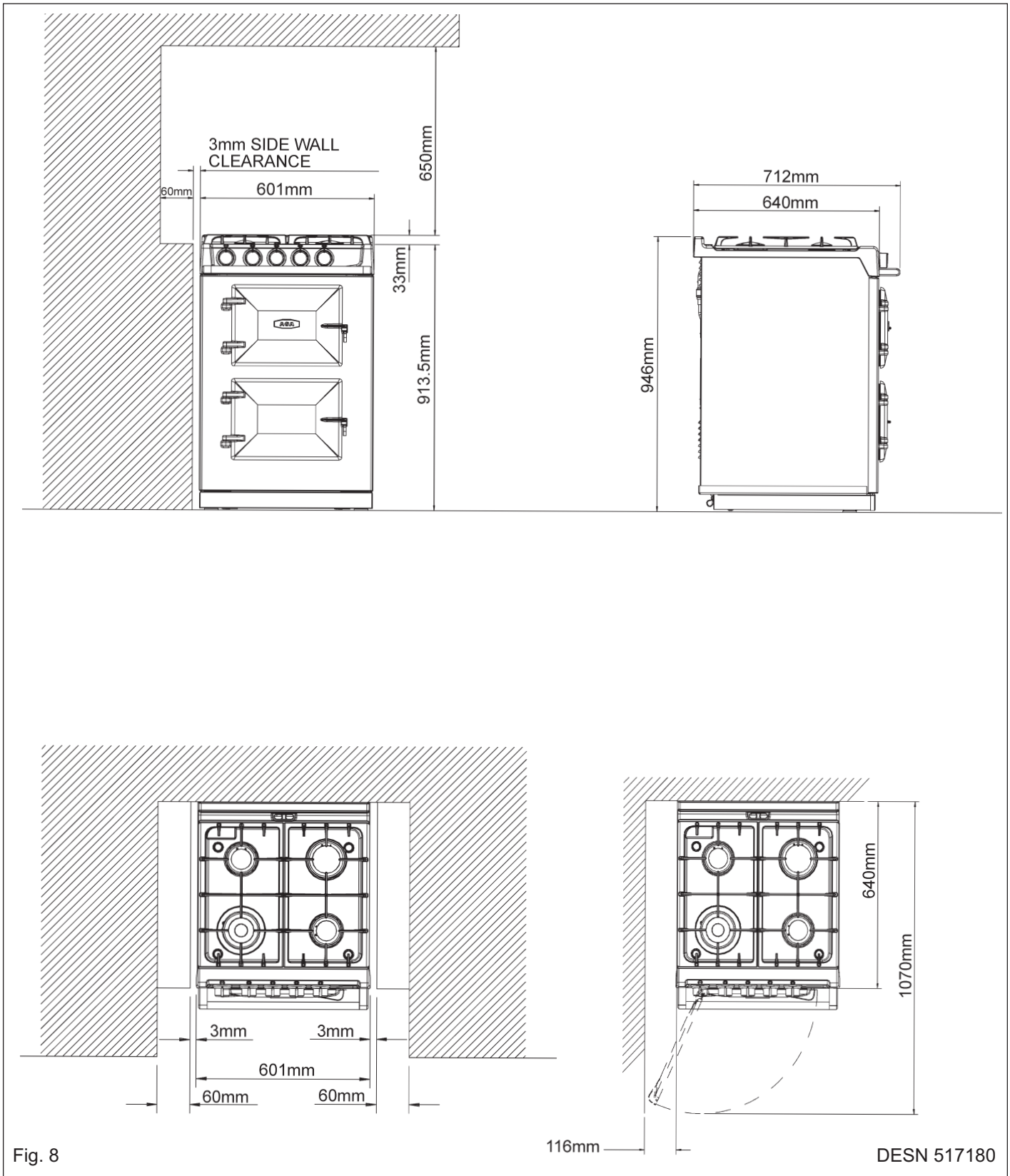


Fig. 7

DESN 516897

APPLIANCE DIMENSIONS - AGA CITY60 (GAS HOB)



APPLIANCE WEIGHT (Excludes Packaging)

Model: AGA CITY60 (with Gas Hob) - 215kg

CLEARANCES

Side Clearances

If you are installing a AGA City60 in a new kitchen or have the opportunity to set the width between kitchen units, it is advisable to include an additional small gap each side of 3mm to assist with installation and prevent damage when moving the product.

A 6mm additional width clearance should also be provided if the cooker is to go into a brick recess, to allow for the wall being out of square.

Where it is installed against a side wall protruding in the front of the cooker a 116mm clearance is required on the left hand side for the oven door access.

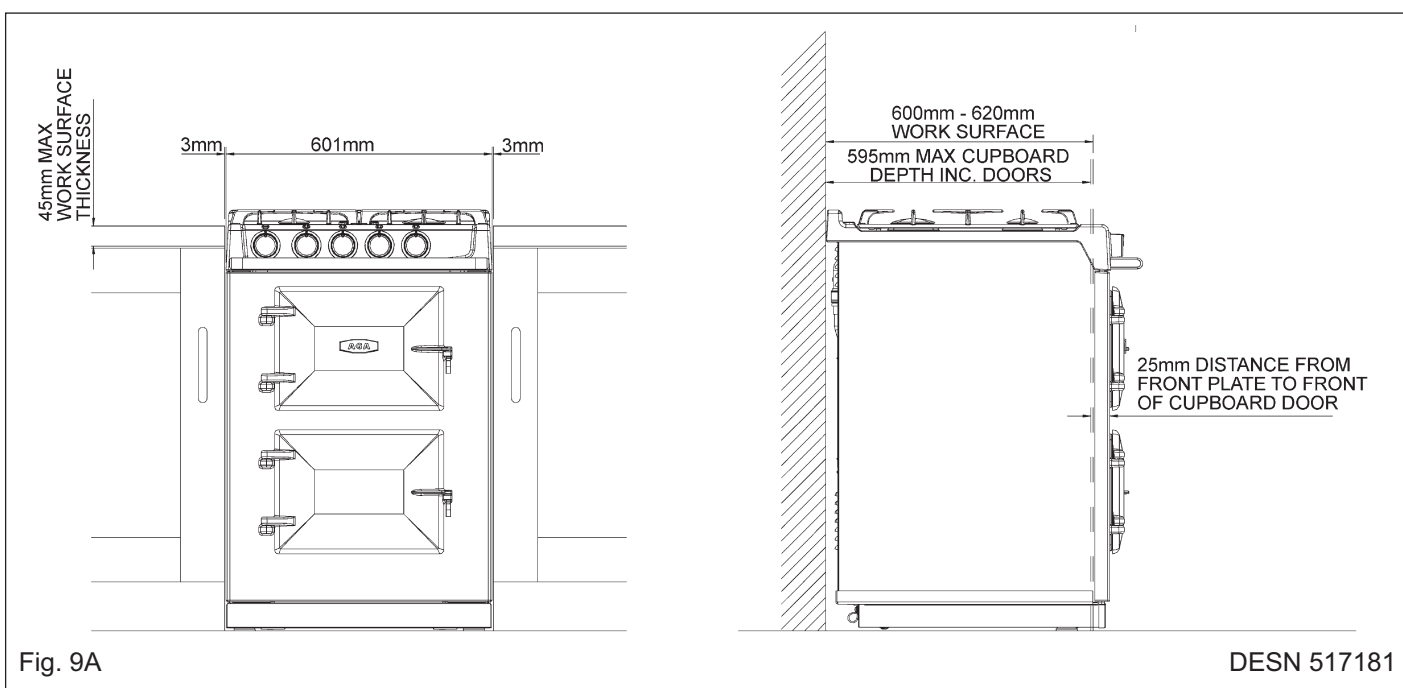
Any side wall above the cooker on either side shall not be less than 60mm horizontally from the cooker (See Fig. 8).

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

The vent slot in the back of the top plate must not be obstructed.

Fitting into a 60cm gap

If you are restricted to a 60cm width space, the AGA City60 will fit, subject to the following guide. See Fig. 9.



The cooker top plate casting width tapers outwards at its bottom edge. Consequently adjacent cupboard units should have a maximum depth of 595mm (including doors). If they are deeper, bring the cooker forward.

The thickness of adjacent worktops should not exceed 45mm.

Cooker Base or Hearth

It is essential that the base or hearth on which the cooker stands should be level and be capable of supporting the total weight of the appliance.

The front plinth cover is removable and must not be obstructed by flooring or tiles. If necessary the cooker must be raised by the thickness of the tiles to ensure the plinth can be removed, and the cooker can be rolled out for service.

Tiling

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

Option Pre-heat Timer Kit (AE4M231659)

If the optional pre-heat timer kit is fitted allowances must be made for timer location and the cable between the timer and cooker. Timer cable is 4 metres.

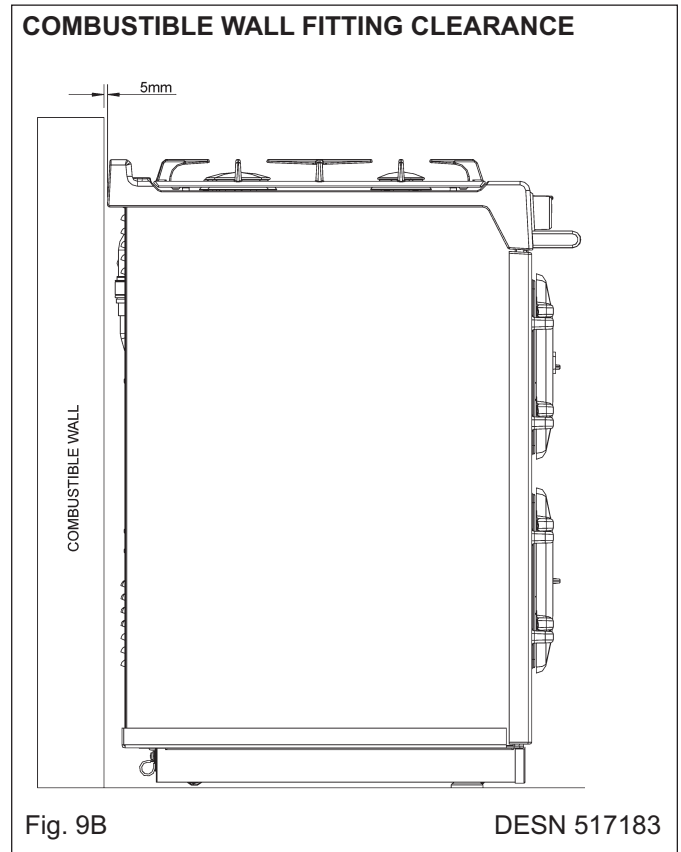
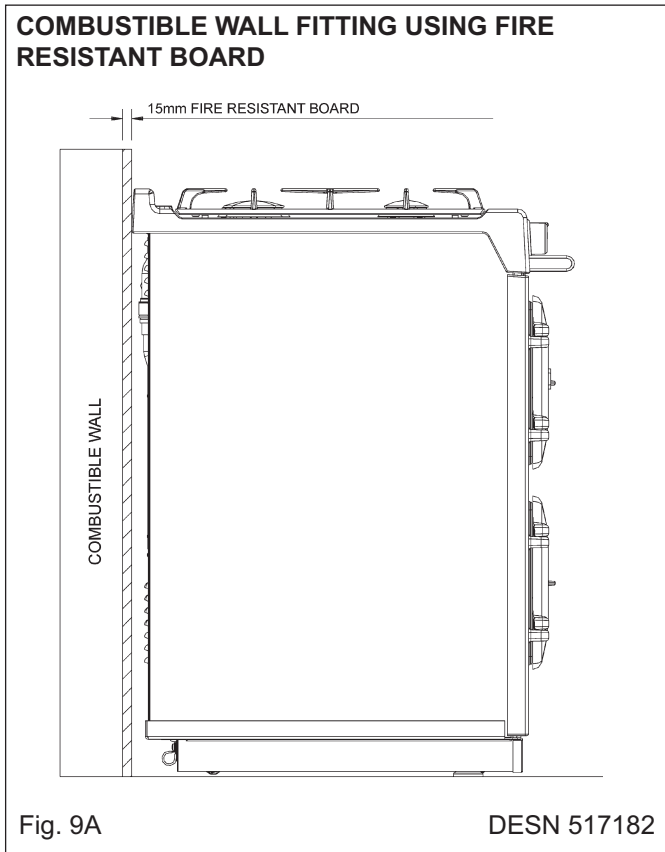
Combustible Rear Walls

Since this appliance can be used continuously, please take note of the IMPORTANT INSTRUCTIONS.

Where the rear wall is constructed of combustible materials (such as all-timber or stud wall partitions and batoned plasterboard) these will require special wall heat protection measures.

Non-combustible insulation board as a protective cladding can be used behind the cooker of at least 15mm thick, such as Monolux or equivalent. This should be taken up to hotplate level. See Fig. 9A.

The 5mm air gap must be left open and **NOT** blocked off across the top edge. See Fig. 9B.



SPECIAL NOTE: Ensure that unprotected electric cabling or plastic services do not pass within or on the outside of the wall behind or directly above the cooker. This type of material can age prematurely when exposed to continuous higher temperature.

Other Clearances

A minimum clearance of 1000mm must be available at the front of the cooker to enable it to be serviced.

POWER SUPPLY

WARNING: THIS APPLIANCE MUST BE EARTHED.

THIS APPLIANCE IS DESIGNED FOR THE VOLTAGE STATED ON THE RATING PLATE, WHICH IS SITUATED BEHIND THE PLINTH COVER.

A 1PH 32 amp 230V or 3PH 400V minimum 16A per phase ~ 50 Hz fused electrical supply is required adjacent to the appliance. External wiring to the unit must be installed using the mains cable provided, in accordance with the current wiring regulations and any local regulations which apply. If cable is shortened, new ferrules must be fitted to the stripped conductors.

The method of connection to the mains electricity supply must facilitate complete electrical isolation of the appliance, by a multi-pole switch, having a contact separation of at least 3mm on all poles.

The isolator should not be positioned immediately above the cooker, but must be fitted within 2 metres of the appliance.

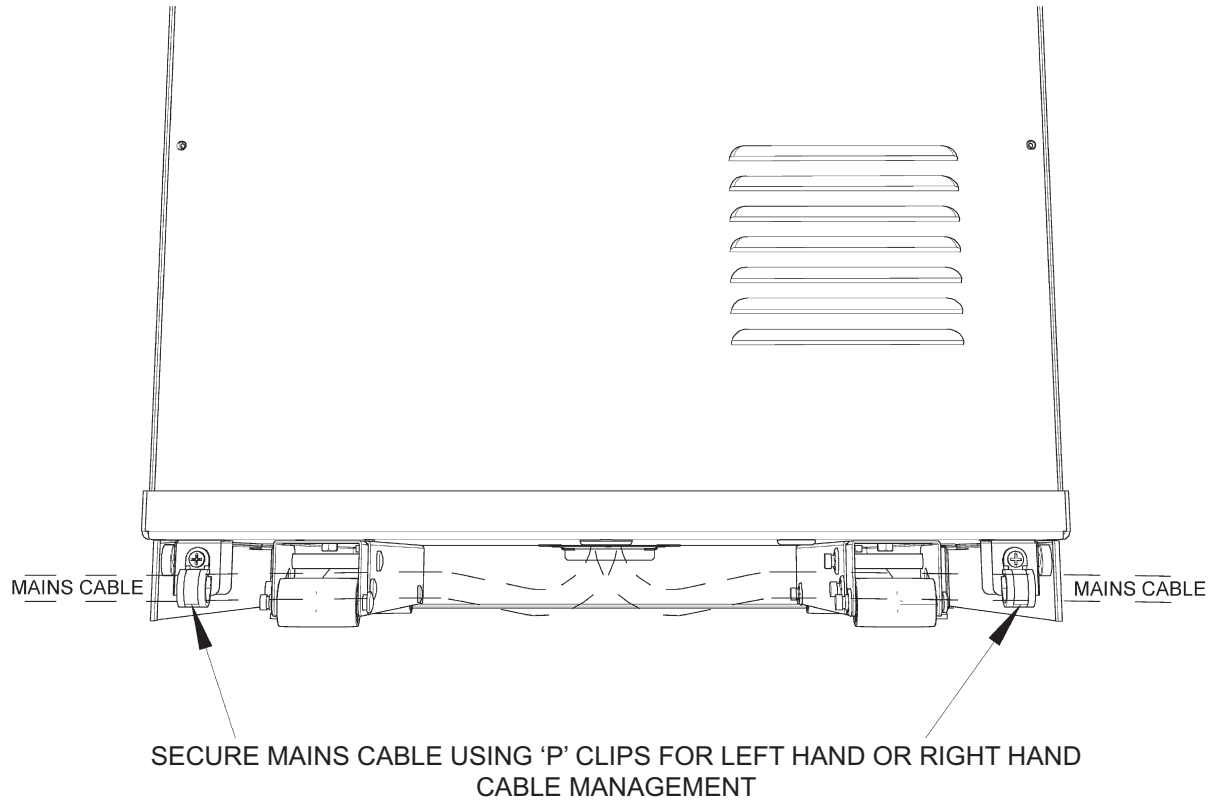
The isolator may be separate from the connection point.

The mains connection point must be accessible within the areas shown in Fig 11, Page 11 for cable routing options.

A fully recessed cooker connection box may be located immediately behind the cooker (in the hatched area only as shown in Fig. 11) . A gap of 5mm must be allowed at the rear of the cooker.

For 2 or 3 phase installations an optional adaptor kit must be obtained (Part No. AE4M280352).

MAINS CABLE ROUTING



NOTE: If timer kit is fitted use the cable tie provided in timer kit to secure timer cable to mains cable.

Fig. 10

DESN 516873

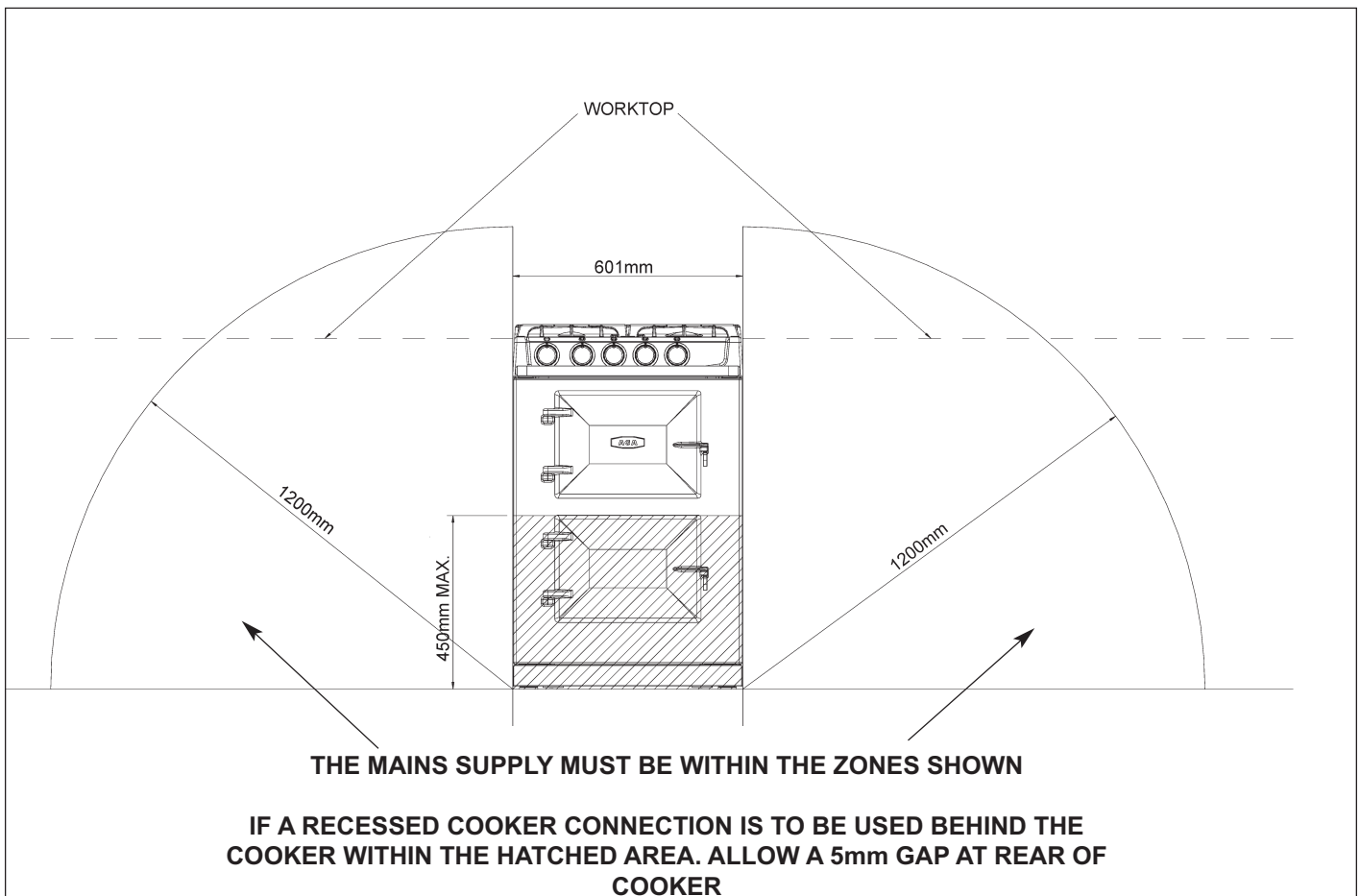
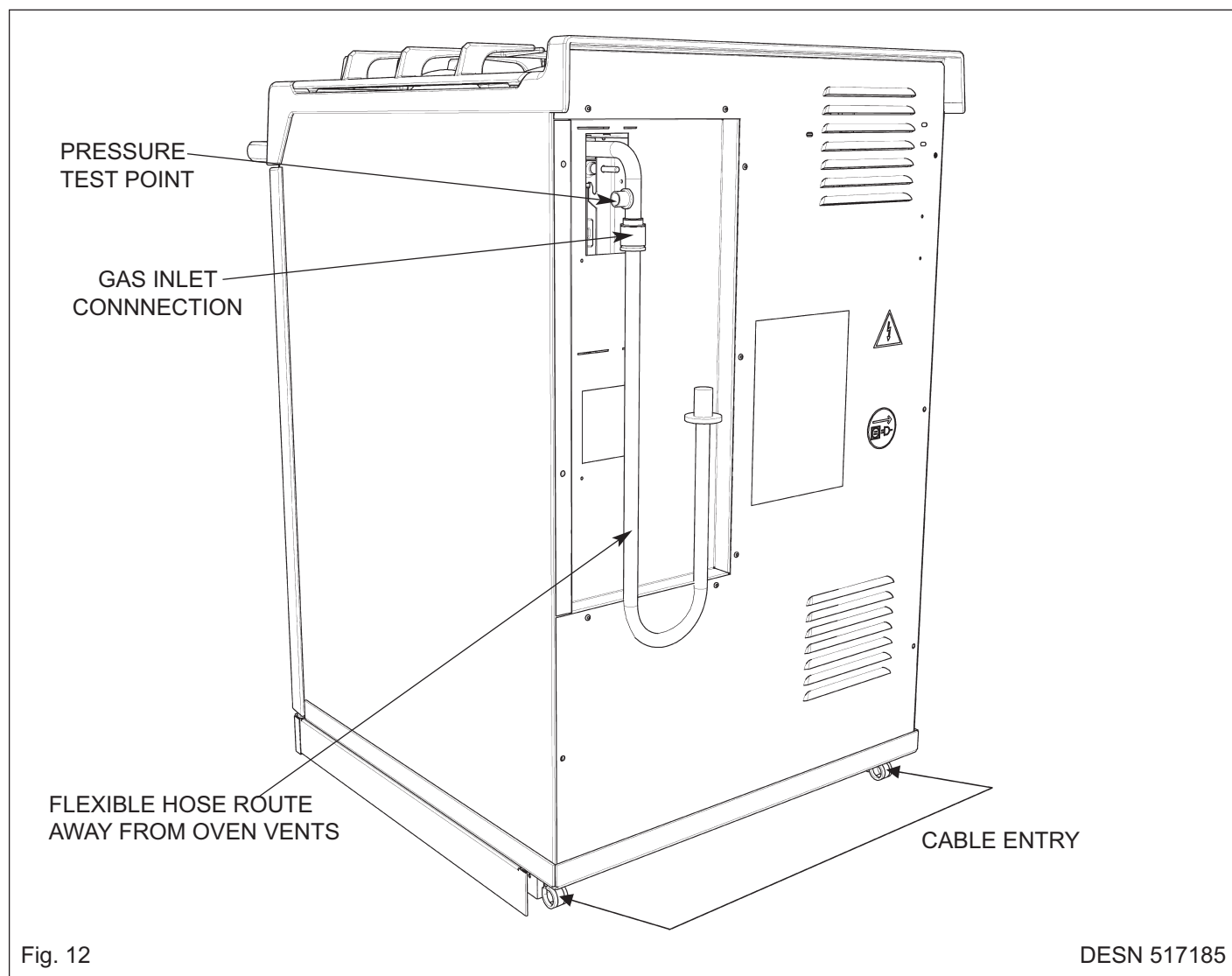


Fig. 11

DESN 517184

CONNECTING TO GAS

To allow ease of servicing and cooker mobility, an approved flexible 4ft (1.2 metres) micropoint hose (provided) should be fitted. Supply piping should not be less than R $\frac{1}{2}$ ($\frac{1}{2}$ " BSP). Connection is made to the R $\frac{1}{2}$ ($\frac{1}{2}$ " BSP) female threaded entry in the inlet pipe located just below the hotplate level on the rear right hand side of the cooker.



The gas bayonet connector provided, must be fitted to the wall in the shaded area dimensioned in Fig. 14. Take into account that it must be possible to pull the cooker forward sufficiently for servicing. Ensure flexible hose is not trapped between cooker back panel and rear wall. Ensure hose is routed away from the vent slots in the back panel. The flexible hose must be in accordance with the relevant standards.

IMPORTANT: THE GAS SUPPLY CONNECTION AT THE WALL MUST NOT PROJECT OUT FROM THE WALL BY MORE THAN 45mm, SO THAT IT DOES NOT FOUL WITH THE BACK OF THE COOKER.

Check for gas tightness after connecting the appliance.

FLEXIBLE HOSE

The flexible hose must be suitable with the type of gas being used. LPG hoses carry a red stripe, band or label. If in doubt ask your supplier.

COOKER STABILITY

A safety chain must be anchored firmly to the wall and cooker to prevent the flexible hose from straining, when the cooker is withdrawn for servicing. When fitting a safety chain refer to Fig. 13.

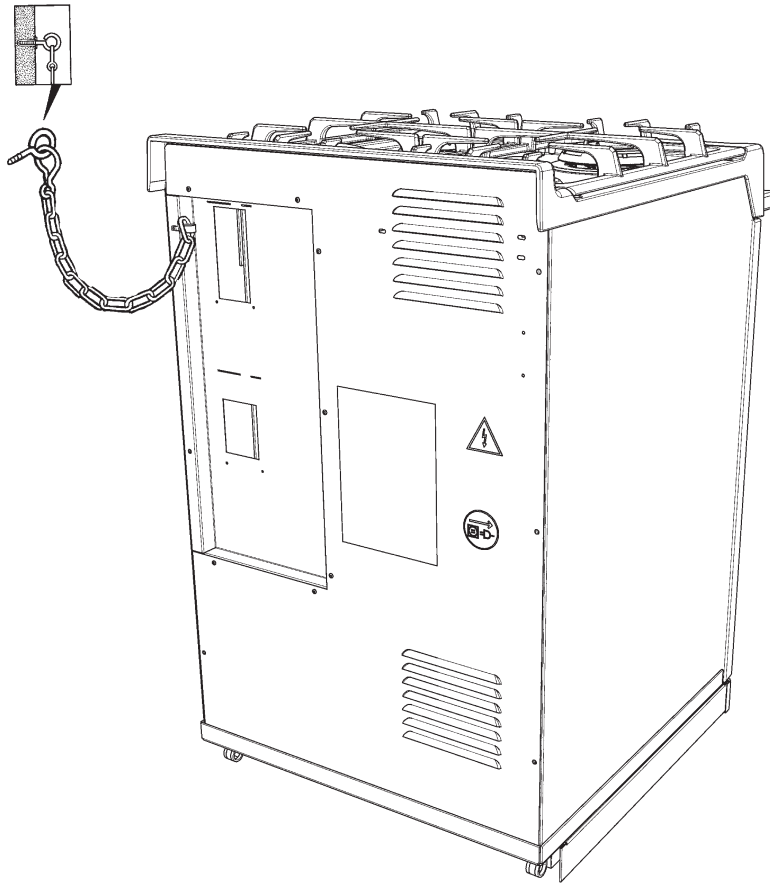


Fig. 13

DESN 517192

POSITION OF GAS BAYONET ON WALL (located in shaded area)

IMPORTANT: THE GAS SUPPLY CONNECTION AT THE WALL MUST NOT PROJECT OUT FROM THE WALL BY MORE THAN 45mm, SO THAT IT DOES NOT FOUL WITH THE BACK OF THE COOKER.

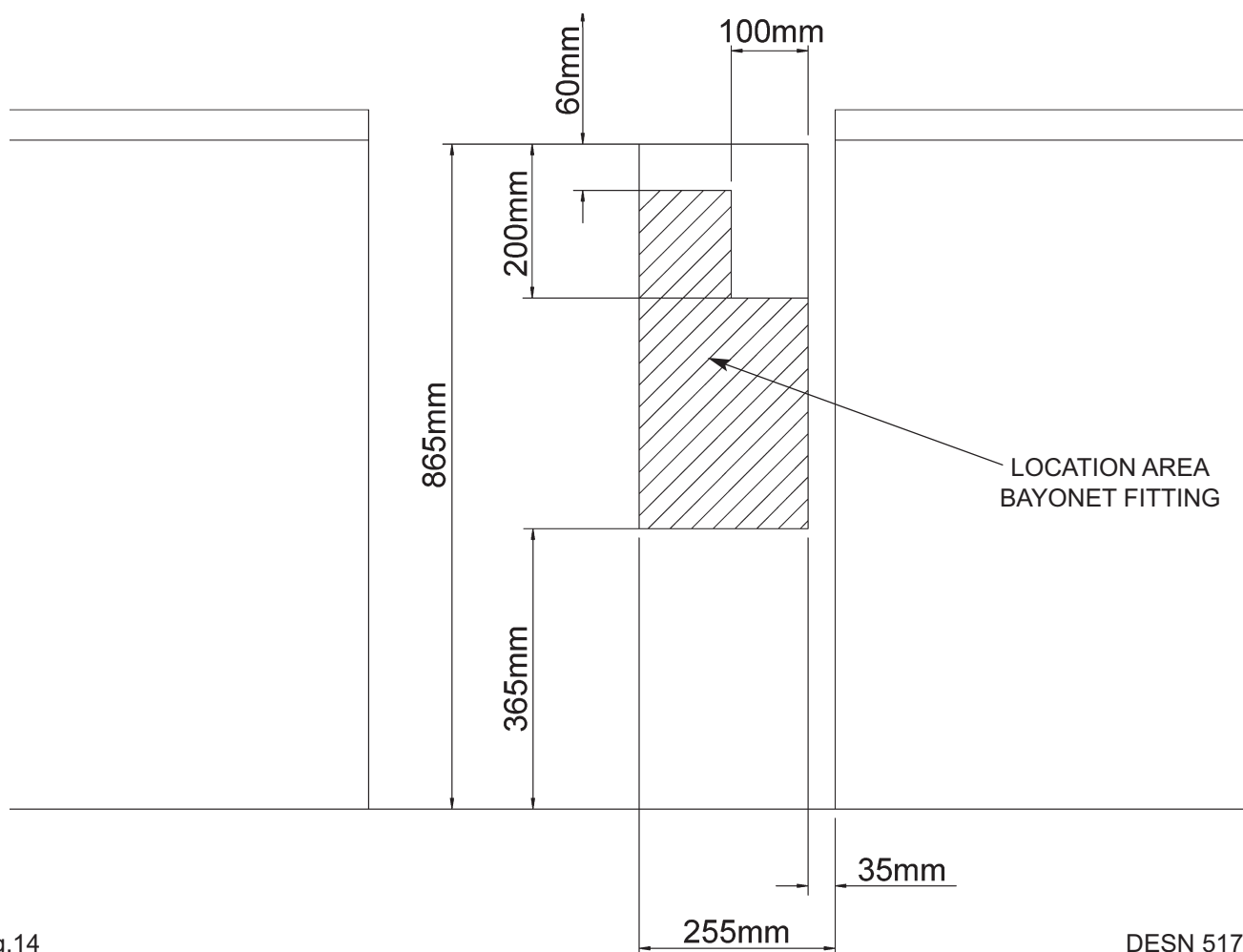


Fig.14

DESN 517193

PRESSURE TESTING

The pressure test point is situated just below hotplate level on the rear right hand side of the cooker.

Place the wok burner head, burner cap and ring into position on the hotplate. Light the burner by pushing in the appropriate control knob and turning it anti-clockwise to the FULL ON position (large flame symbol).

For Natural gas appliances, the pressure should be 20mbar (8 inches water gauge).

For LPG appliances, the pressure should be G30/28 mbar or G31/37mbar.

Turn off the tap, disconnect the pressure gauge and refit test point blanking screw.

Check for gas tightness.

ASSEMBLY OF BURNERS

FITTING OF BURNER CAP - RAPID AND SEMI-RAPID BURNERS

PLACE BURNER CAP OVER RETAINING LUGS, THEN TURN CAP CLOCKWISE TO LOCK INTO POSITION.

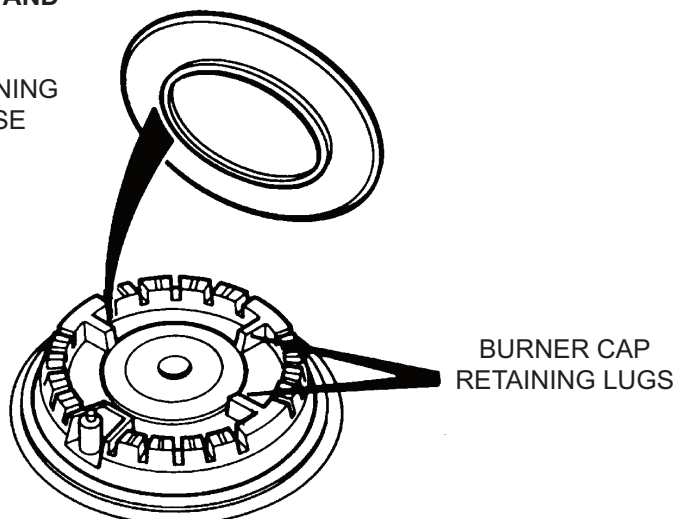


Fig. 15A

DESN 511617

ASSEMBLY OF RAPID AND SEMI-RAPID BURNERS

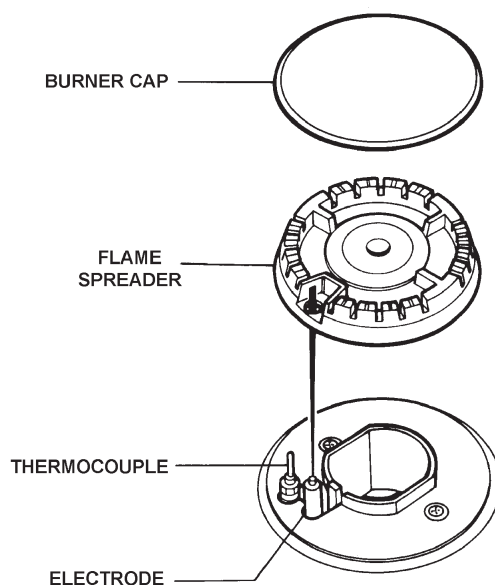


Fig. 15B

DESN 513513

WOK BURNER

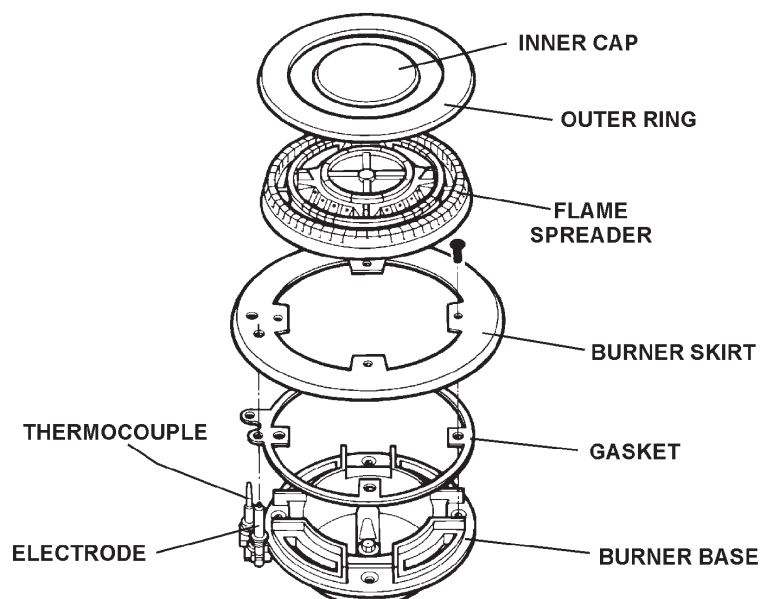


Fig. 15C

DESN 513898

TO ADJUST PAN SUPPORT LEVEL

1. Loosen retaining nut using 8mm spanner (See Fig. 8B).
2. To prevent rocking adjust the pan support foot using 2.5mm allen key.
3. Check pan support is level with opposing pan supports.
4. Retighten retaining nut.

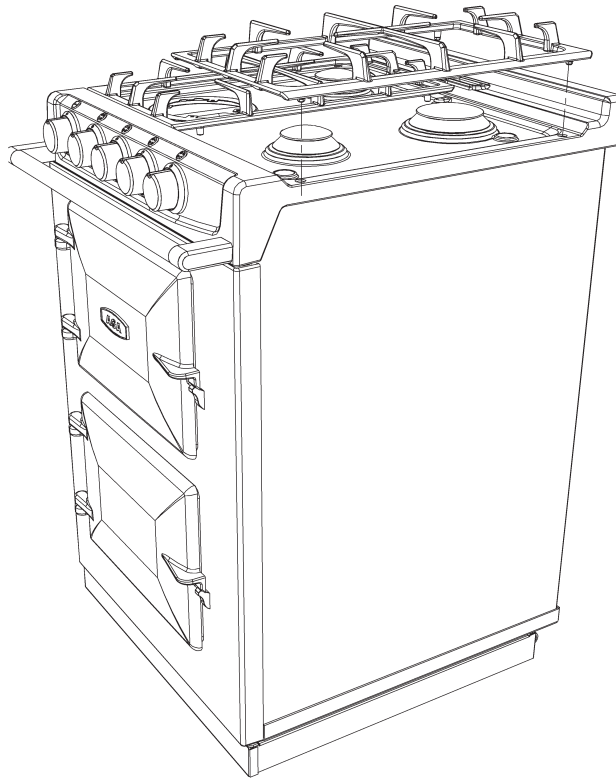
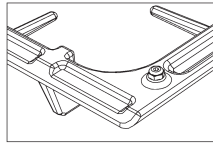


Fig. 16

DESN 517187

CONTROL KNOB AND HANDRAIL CONNECTION

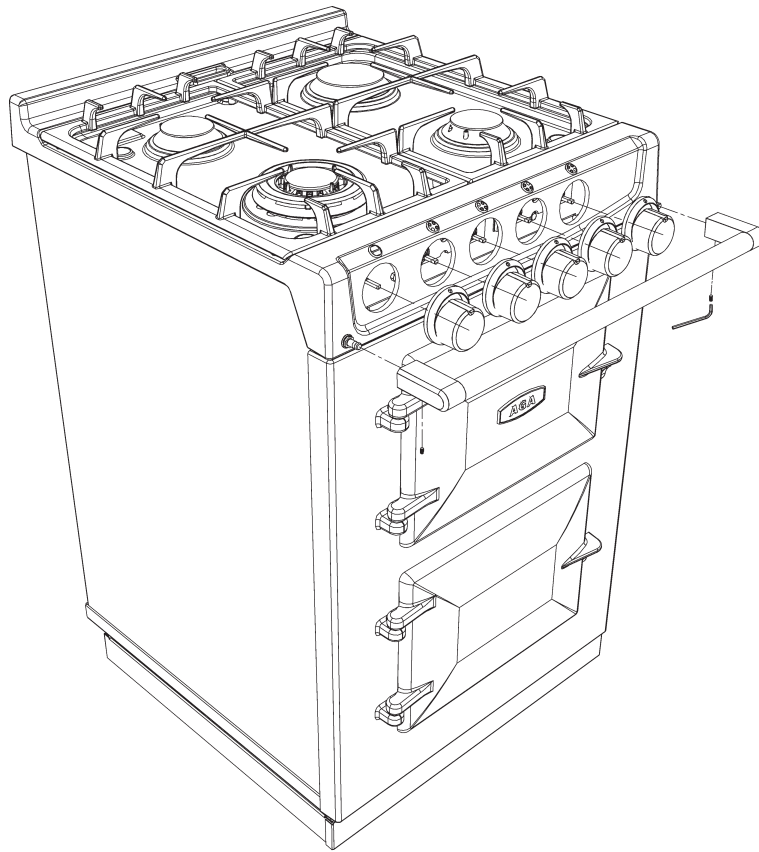


Fig. 17

DESN 517186

Control Knob and Bezel Location

Ensure control knobs and bezels are located onto spindles correctly, as shown in Fig 17.

Handrail Location

Locate handrail onto spindle, lock into position with grub screws (located on the underside of the bracket).

WIRING DIAGRAM

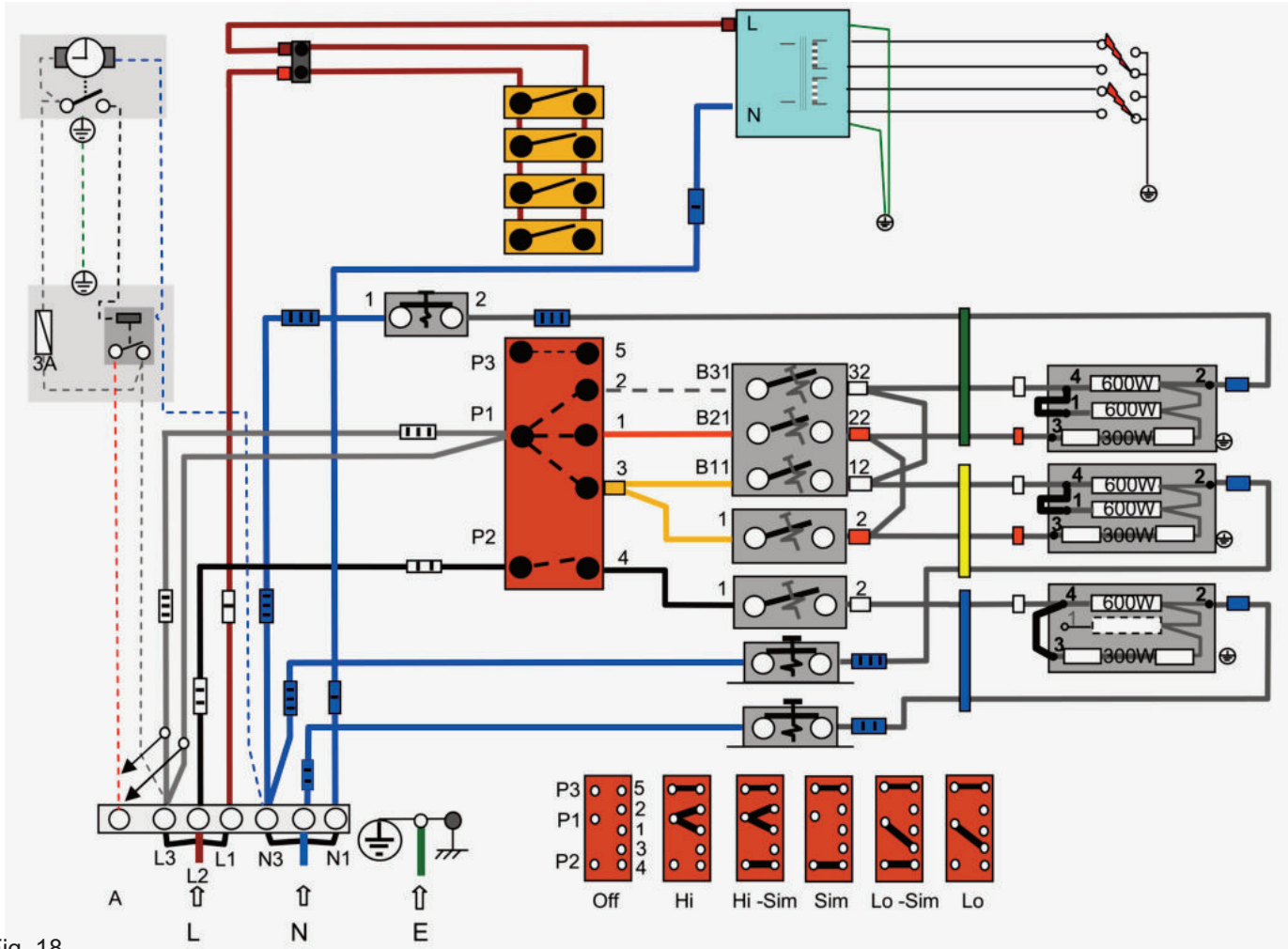


Fig. 18

AGA CITY60 (GAS HOB) CHECKLIST

SERIAL No.

Tick Box

- Check pan supports and gas hotplate burners are correctly fitted.
- Check gas pressure is correct.
- Check fit of control knobs and bezels.
- Check hotplate burner ignition.
- Check oven door seals, adjust door alignment if necessary.

Simmering oven rope seals **MUST** have a gap between the door hinges. The roasting oven is fitted with a continuous seal.

Ensure all plastic film is removed from the inside of the oven doors.

- Turn on roasting and simmering oven.
- Guide customer through the Users Instructions of the appliance, offering best practices on oven maintenance, energy usage, enamel cleaning (boiled vegetable water staining on enamel etc.)

Engineer's Signature

Date

**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 appliance described and illustrated at any time



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