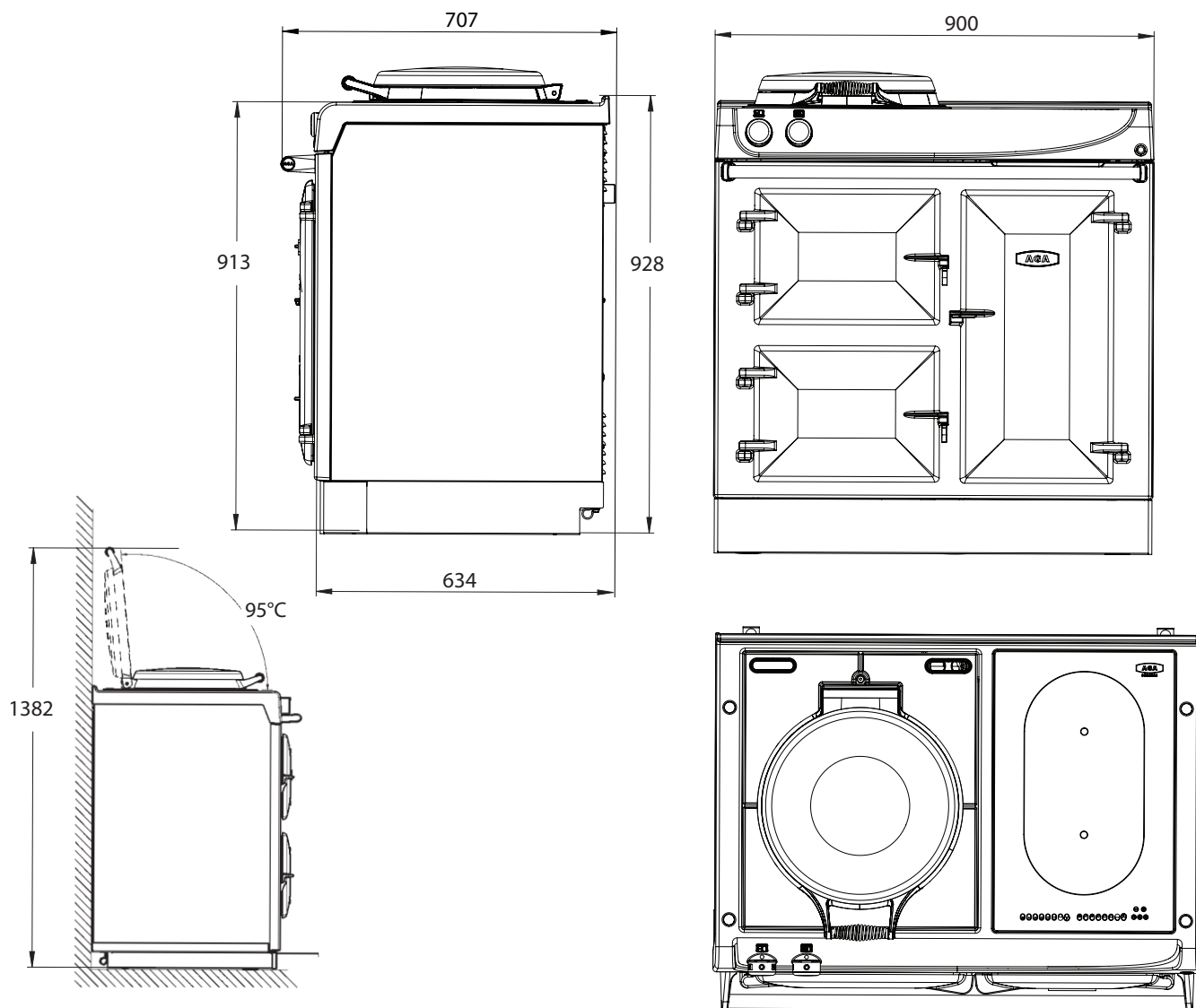


15. Product Dimensions 90 & 90i

Fig. 15.1



DESN 517618

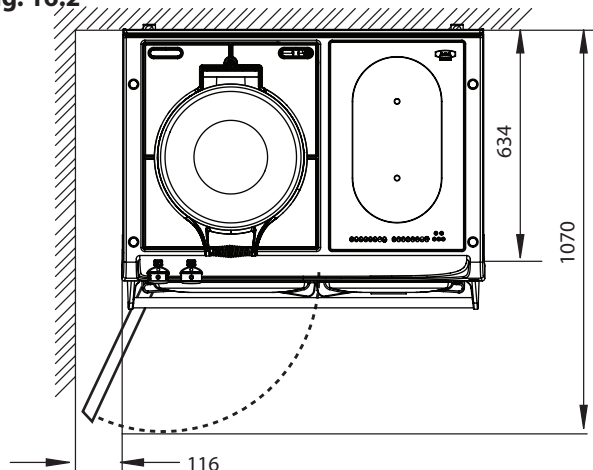
NOTE: When surveying for a appliance installation the actual clearance required for the 'body' of the appliance should be increased overall by 10 mm beyond the figures quote above. This allows safe margin to take into account the natural dimensional variations found in major castings in particular the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

Appliance weight (Excludes packaging)

Model: 90 & 90i

Weight: 300 kg

Fig. 16.2



DESN 517692

Side and Overhead Clearances

If you are installing the appliance 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 appliance is to go into a brick recess, to allow for the wall being out of square.

Where installed against a side wall protruding in the front of the appliance a 116mm clearance is required on the left or right hand side for the oven door access (**Fig. 16.2**), (**Fig. 16.4**).

Any side wall above the appliance on either side shall not be less than 60mm horizontally from the appliance (**Fig. 16.3**), (**Fig. 16.5**).

Surfaces over the top of the appliance must not be closer than 650mm i.e. cabinets or cookerhoods.

The rear gap at the rear of the appliance **MUST NOT** be blocked off or obstructed.

Appliance Base or Hearth

⚠ If the appliance is placed on a base, measures have to be taken to prevent appliance from slipping from the base.

It is essential that the base or hearth on which the appliance 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 appliance must be raised by the thickness of the tiles to ensure the plinth can be removed, and the appliance can be rolled out for service.

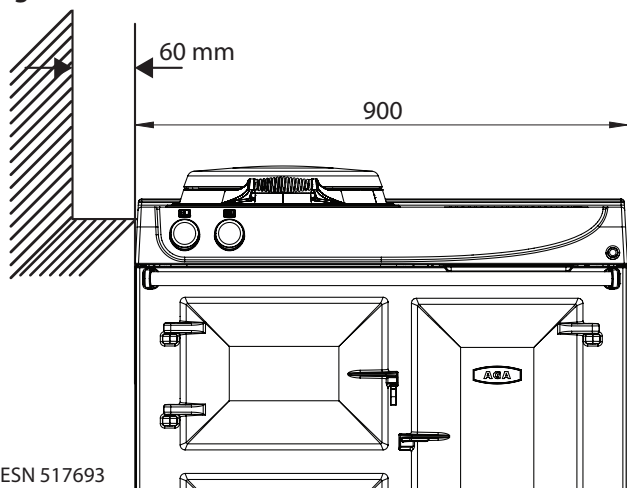
Tiling

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

Option Pre-heat Timer Kit (AE4M231659)

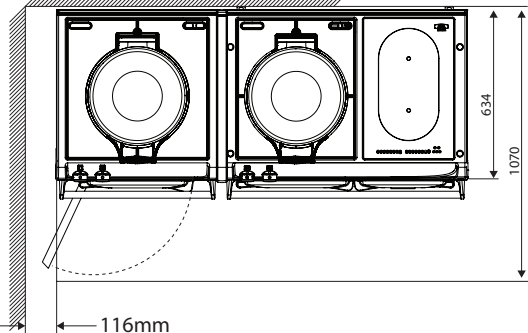
If the optional pre-heat timer kit is fitted allowances must be made for timer location and the cable between the timer and appliance. Timer cable is 4 metres.

Fig. 16.3



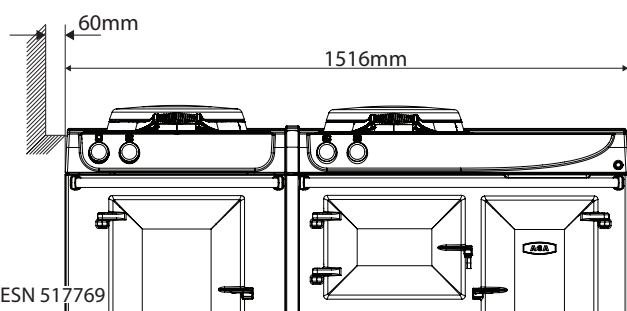
DESN 517693

Fig. 16.4



DESN 517770

Fig. 16.5



DESN 517769

Rear Clearances (including Combustible Rear Walls)

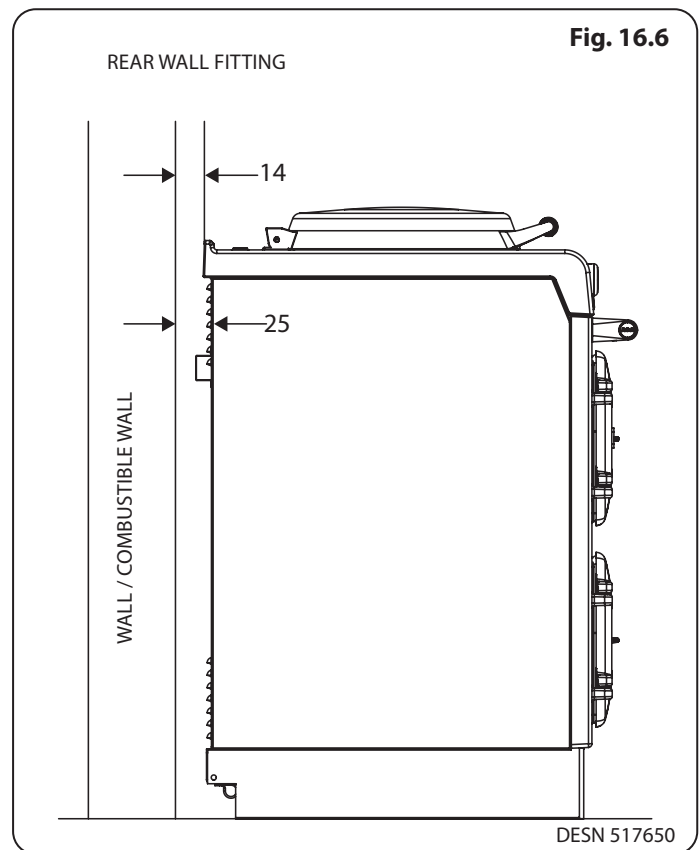
SPECIAL NOTE: Ensure that unprotected electric cabling or plastic services do not pass within or on the outside of the wall behind or directly above the appliance. This type of material can age prematurely when exposed to continuous higher temperature.

Please note **every** appliance is fitted with 25 mm spacer brackets.

This allows the appliance to be fitted where the rear wall is constructed of combustible materials, such as all-timber or stud wall partitions and batoned plasterboard.

The air gap must be left open and not blocked off across the top edge (**Fig. 16.6**) for example tiled over

IMPORTANT! The air gap at the rear of the appliance must be maintained to provide ventilation for the Induction hotplate variants (90i). The air gap is also maintained for non induction appliances.



17. Electrical connection 90 & 90i

- ⚠ **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.**
- ⚠ **If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person to avoid a hazard.**

For the cooker

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 the 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 3 mm on all poles.

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

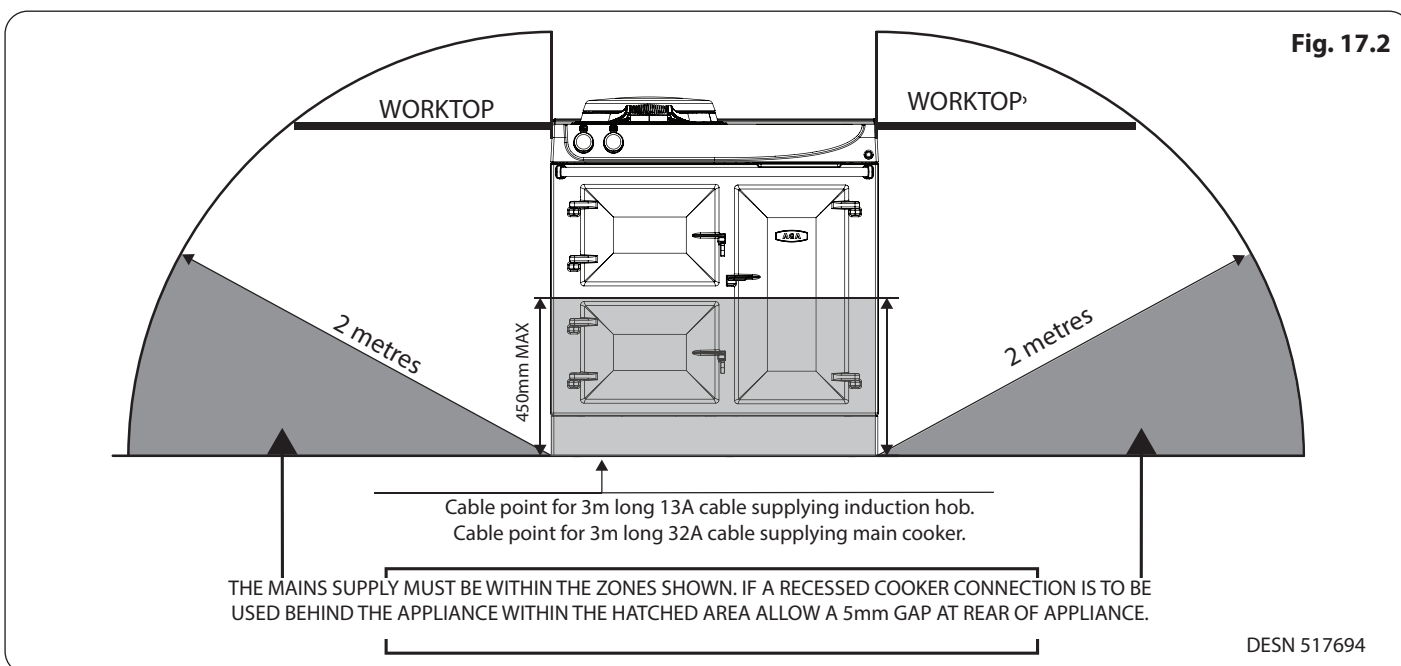
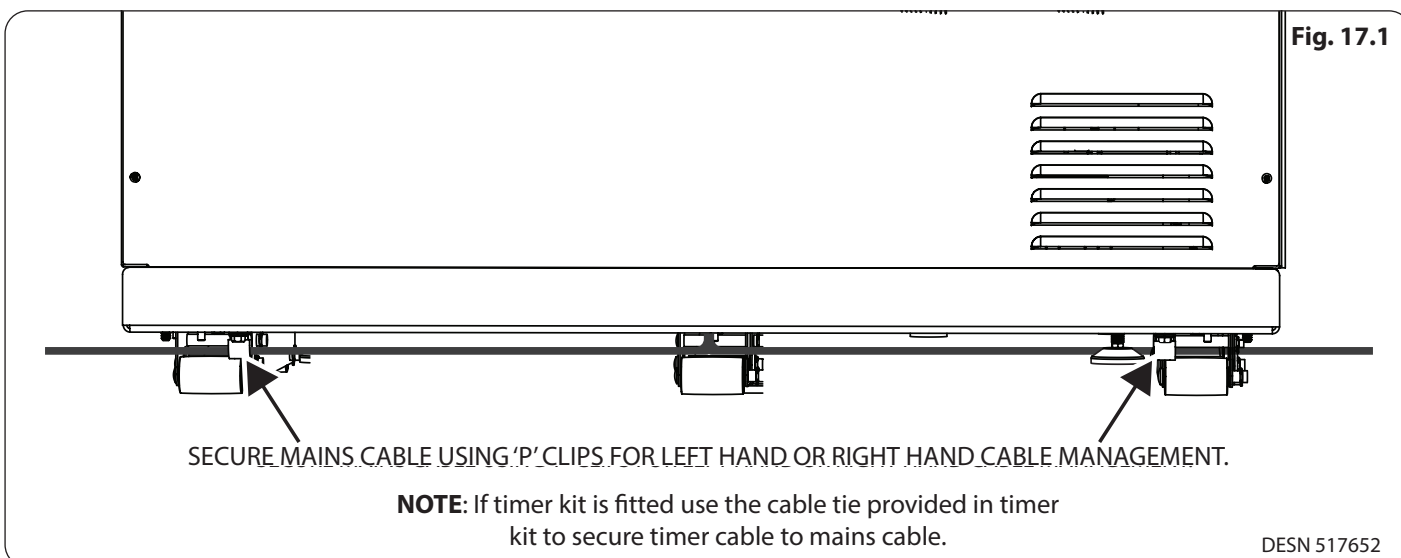
The isolator may be separate from the connection point.

The mains connection point must be accessible within the areas shown in **Fig. 17.1** and **Fig. 17.2** for cable routing options.

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

Induction Hob (90i only)

An additional, **separate single phase power supply** is required. 230V ~ 50Hz, 13amp fused three pin plug electrical supply.



18. Electrical connection - 150, 150i

- ⚠ 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.**
- ⚠ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person to avoid a hazard.**

For the Main cooker

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 the 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 3 mm 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. 18.1** and **Fig. 18.2** for cable routing options.

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

Induction Hob (150i only)

An additional, **separate single phase power supply** is required. 230V ~ 50Hz, 13amp fused three pin plug electrical supply.

For the Conventional fan oven (150i only)

An additional, **separate single phase power supply** is required. 230V ~ 50Hz, 13amp fused three pin plug electrical supply.

