



Cooker Hood CH900

--- for use with Six-Four series

Product Technical Guide

U.K Edition



Specification

Canopy width. --- 898mm

Canopy height. --- (tapers to front) 240mm

Canopy depth. --- 490mm

Chimney height (telescopic) --- 550-950mm

Chimney width. --- 300mm

Chimney depth. --- 260mm

Ducting outlet spigot. --- 150mm diam.

Weight. --- 21.70 kg

Voltage. --- 230V AC

Power consumption (max) --- 420W

Performance at max speed. --- 1000cu m/hr, 278 ltrs/sec

Noise level at max speed. --- 70dBA

General

This extractor hood has been specifically developed for use with the Aga Six-Four (DC6) series cookers, as other types of hood may not be suitable.

It can be installed in a choice of three extraction modes i.e.

Option 1.

Re-circulating through carbon filters. A set of filters are supplied with every hood.

Option 2.

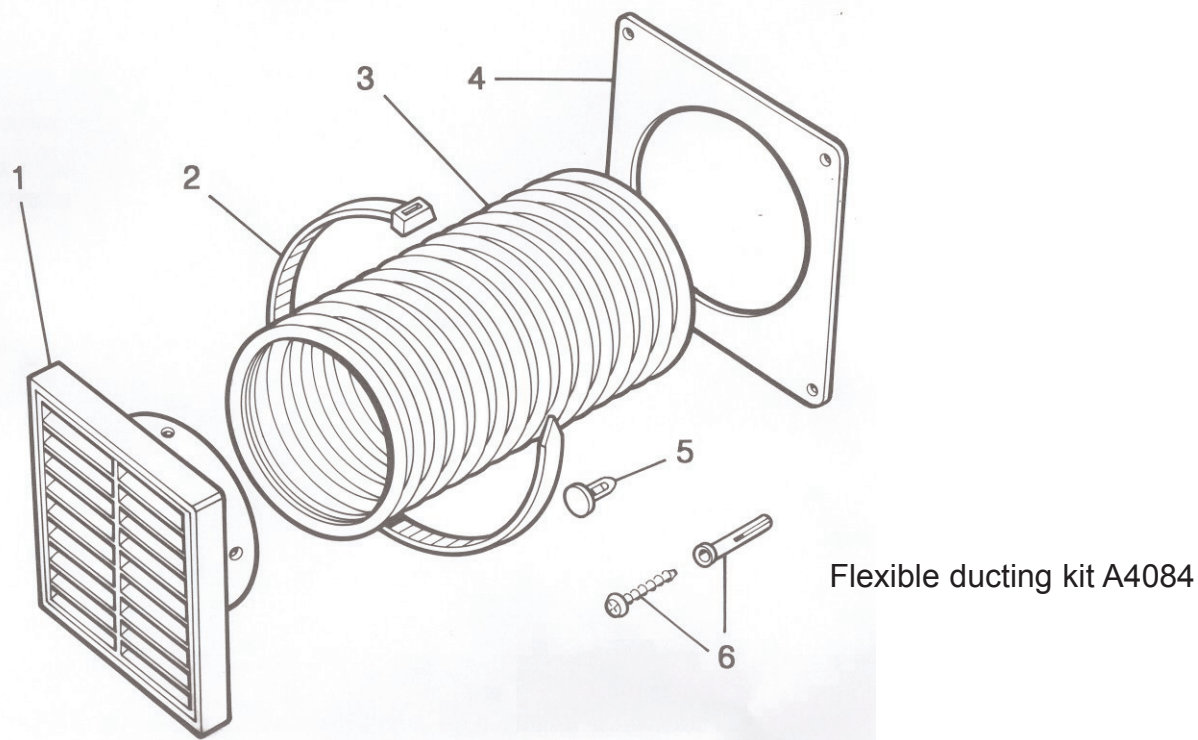
Extracting horizontally to outside, through rigid ducting up to 3 metres using 1 bend, or up to 2 metres using 2 bends.

Suitable material is available from kitchen fitting specialists.

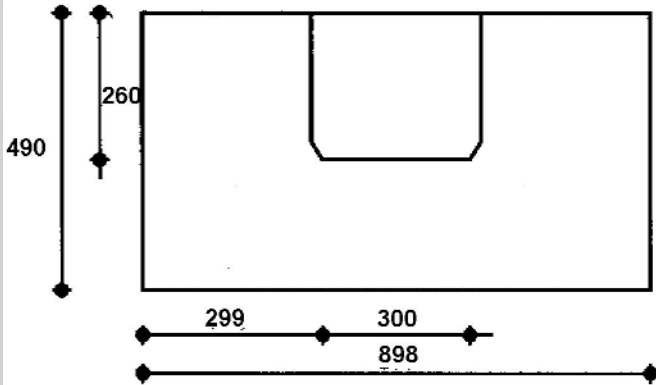
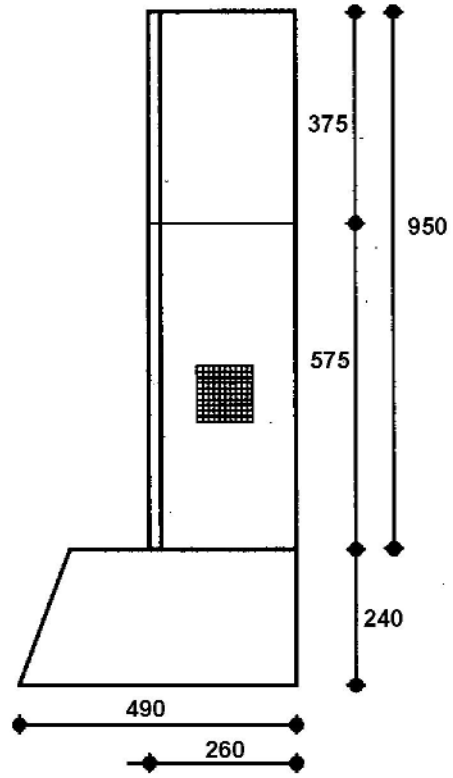
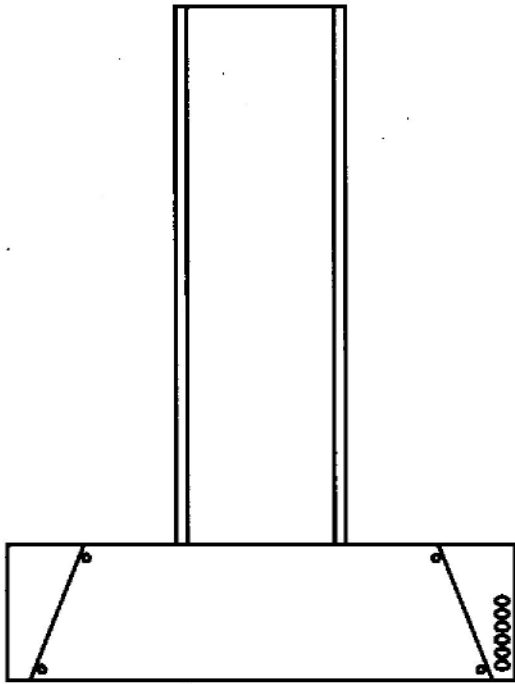
Option 3.

Extracting horizontally to outside, through 150mmx flexible foil ducting, up to a maximum 1 metre in length. A flexible ducting kit is available from Aga -Rayburn, part number A 4084.

Whichever option is chosen, the ducting route should be horizontal, in preference to attempting to discharge into a vertical flue, chimney or duct.



Dimensions



Location

The hood must be at a **minimum height** of **800mm** above the hotplate.

Adjacent cupboard units must not overhang the canopy

The telescopic 'Chimney' is in two sections, the upper sliding inside the lower, both requiring to be used to secure the assembly..

The lower section has a length of 540mm.

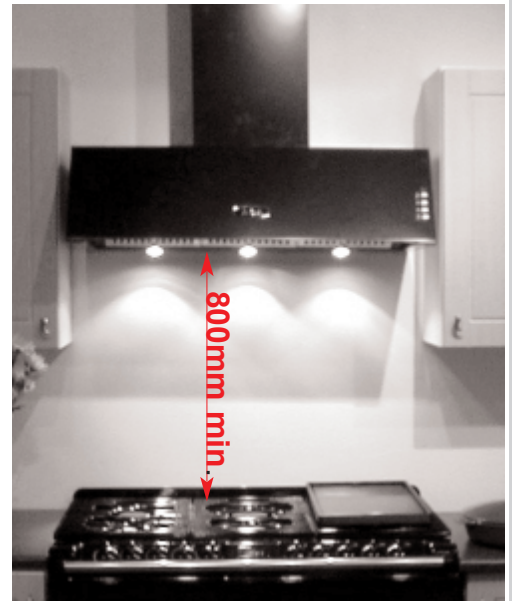
A choice of two upper sections are supplied; one at 215mm long, the other at a length of 410mm. Either top section may be used, dependent on the ceiling height and the distance the chimney needs to travel.

This provides for a maximum length of 950mm using the longer top section, or a minimum 550mm if the shorter length top section is used.

Consequently, **the minimum** floor to room ceiling height to accommodate the cooker and its hood is 2500mm, excluding the thickness of any additional plinth/hearth under the cooker.

This is calculated by :-

Cooker hotplate height,	910 mm
+ clearance above hob	800 mm
+ body of hood	240 mm
+ minimum chimney length	550 mm
	= 2500 mm



Studded or hollow rear walls may need reinforcing to carry the weight of the hood. (22 kg). Battens should coincide with the various fixing points and brackets.

In some instances it may be necessary to provide additional ventilation and air supply into the kitchen.

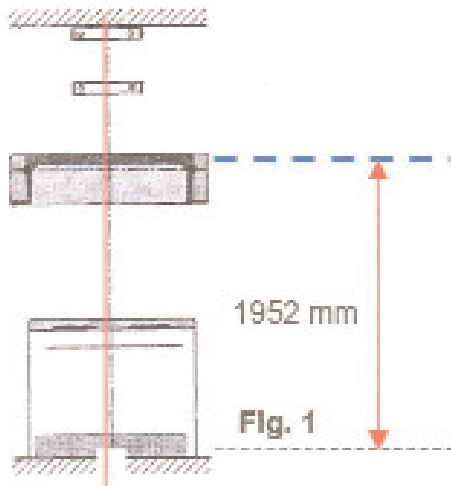


An electrical supply is required, preferably at high level, taken through a double-pole isolator fused at 3amp. A two-metre length of cable is supplied with the product.

Installation

This guide must be read in conjunction with the hood manufacturer's installation instructions.

The hood should be installed before the Aga is put in position, so as to improve access and avoid possible damage to the cooker.



A vertical line should first be marked on the rear wall through the cooker and hood proposed centre lines. Fig 1

Assuming that the cooker is to stand directly on the floor (i.e. not on any raised plinth or hearth), measure 1952mm vertically and draw a horizontal line. This will give the correct clearance height of 800mm above the cooker.

Fig. 2 Measure 388mm each way horizontally along from the centre line, to obtain the position of the two fixing eyelets. 8mm diameter drill required.

These eyelets eventually carry the canopy.

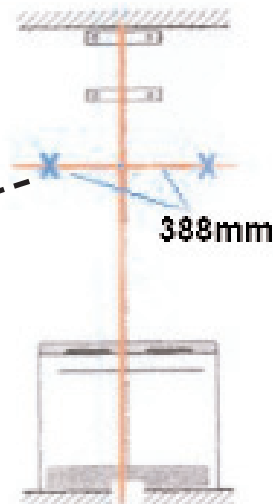


Fig 2

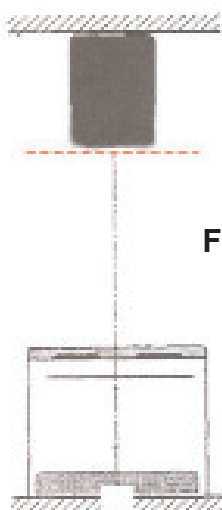


Fig 3

Fig. 3 Using the chosen length of top 'chimney' section taken up to ceiling height, mark a line along its bottom edge.

Fig. 4 Place the bottom edge of the wall bracket horizontally along the mark and centralise to the vertical line. Use the fixing holes to mark the wall



Fig 4

Fig. 5 Draw a horizontal line 2mm below the ceiling height or top edge of the chimney. Place the top edge of the other wall bracket horizontally along the mark and centralise to the vertical line. Use the fixing holes to mark the wall

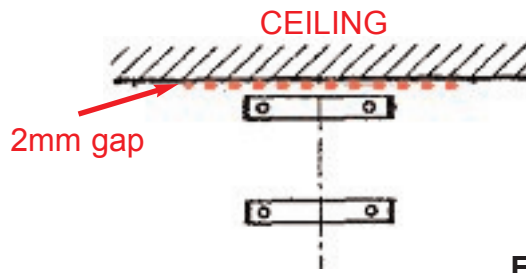


Fig 5

Remove the three metal grease filters

If the hood is to extract to outside, mark and cut a 150mm clearance hole through the wall, again using the centre line as a guide.

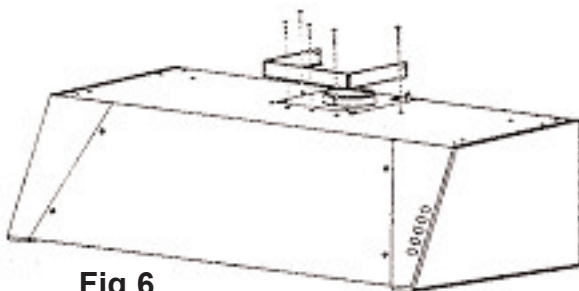


Fig 6

Fig. 6 Fit the angle iron to the top of the canopy, 5 screws.

Fig 7 Lift the canopy up into position, so that the rear claws hook into the two eye-lets. Two persons lift recommended for safety



Fig 7

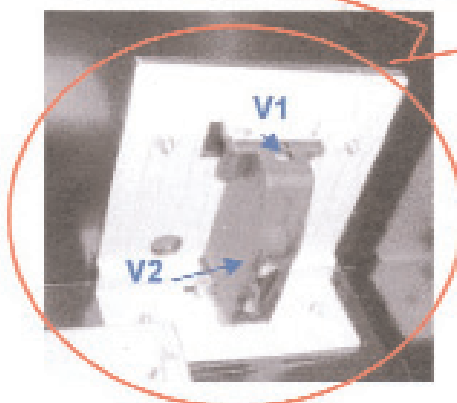


Fig. 8 Final horizontal levelling can be achieved using the two vertical screws V2, located on the inside of the hood (not V1 as referred to in earlier manufacturer's instructions)

When the level is correct, the canopy should be drawn tight to the rear wall, using the two horizontal screws V1

The hood is supplied with a 2 metre length of mains inlet electrical cable fitted with an integral plug for the internal connection. It must be connected to a double-pole isolator switch, fitted with a 3 amp fuse.

Since the cable is routed down into the extractor through the 'chimney' section, it is recommended that the isolator be provided at high level, within 1 metre of the hood, to avoid jointing the cable.

Connect the electrical cable through the clamp as shown and on to the hood with the moulded plug. Figs. 9 & 10



Fig 9



Fig 10

If the hood is to be re-circulating :-

Fig 11. Fit a carbon filter to each of the two fan inlets (bayonet) and refit the three grease filters. The carbon filters must not be used for the extraction mode.

Fig. 12 Fit the re-circulation spigot onto the hood outlet, noting that it offsets forward.

Fig. 13 Add the two extension pieces, noting that they offset towards the rear.

Secure all of the joints with heat-resistant ducting tape.

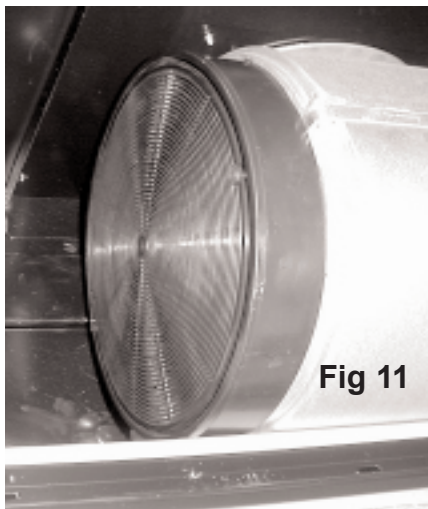


Fig 11

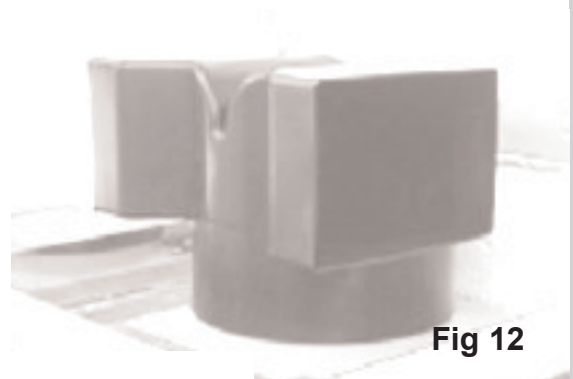


Fig 12

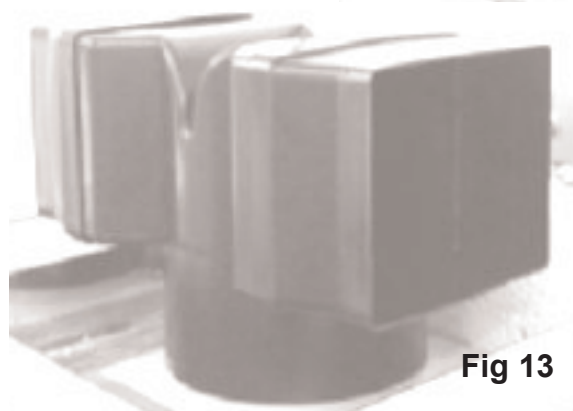


Fig 13

Fig. 14 Fit the top 'chimney' section (minus its extract grills) by springing the sides behind the wall bracket and secure to the top bracket with the 2 self-tapping screws.

Fit the bottom 'chimney' section and secure to the angle iron with 2 screws.

Fit the two extract grills by pushing firmly into place, ensuring that they locate onto the inner extensions. Note the correct way round, as indicated by the arrows, one pointing up, the other forward.

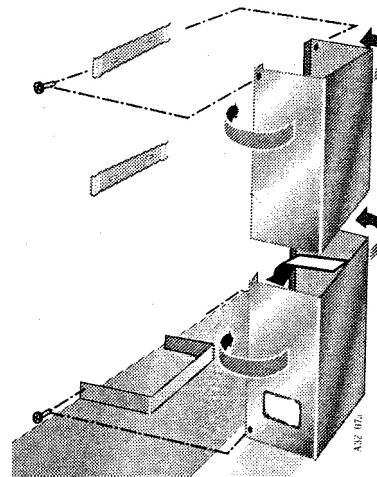


Fig 14

Instructions for using the flexible ducting kit A4084

Cut the ducting to its required length (Do not leave any 'sag' in the duct)

Install ducting through outside wall and connect directly onto the hood spigot.

Secure both joints with the cable ties (fig. 15) and fit wall plate (fig. 16) and grill terminal (fig. 17) to external wall.

Fit the 'chimney' sections as described above and the 'false' outlet grills.

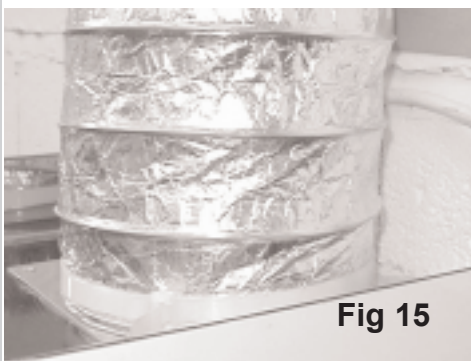


Fig 15



Fig 16

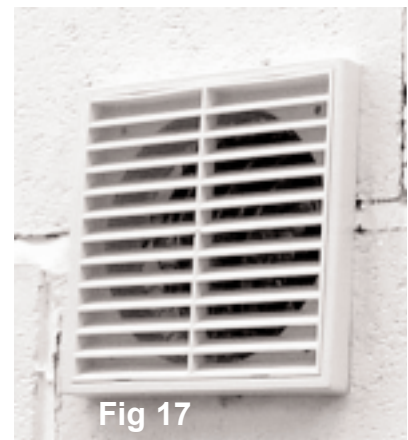


Fig 17

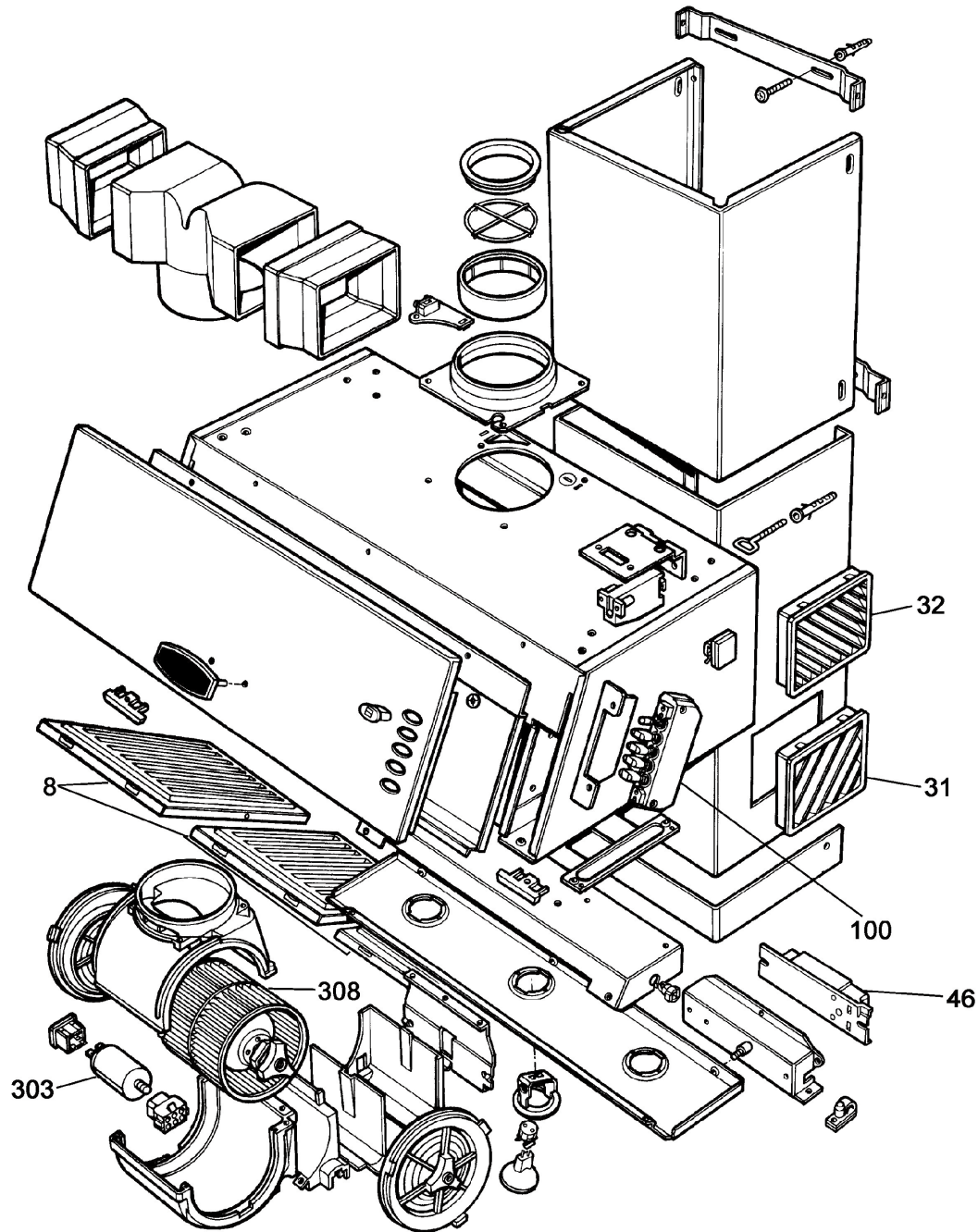
Completion

On completion, test operation of fan controls and lights and demonstrate to owner. Make sure that they are aware of the need for regular cleaning of the grease filters and where applicable, routine replacement of the carbon filters.

Technical Support and advice

Product technical advice is available from Aga-Rayburn, who can also supply replacement components.

Exploded views with part numbers for replaceable components are shown overleaf.



ITEM	Part No.	DESCRIPTION
8	A4303	Filter Labyrinth
31	A4312	Grill outlet (R.H.)
32	A4313	Grill outlet (L.H.)
46	A4293	Transformer
100	A4296	Control Board
303	A4315	Capacitor
308	A4314	Motor assembly



**This leaflet is a pre-installation guide only.
For further advice or information please refer 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 product described at any time

Aga
Station Road
Ketley
Telford
Shropshire
TF1 5AQ

www.aga-web.co.uk
www.agacookshop.co.uk
www.agalinks.com