

502 D

Extractor Hood

Installation and Operating Instructions

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Electrical connections

Safety warnings for electrician

It must be ensured that the voltage and current indicated on the rating plate agree with the voltage of the user to electricity supply.

If the appliance has been equipped with a mains lead with a moulded-on type plug, the following regulations must be comply with:

The plug moulded on to the lead incorporates a fuse. For replacement, use a 5 amp BS1362 fuse. Only ASTA approved or certified fuses should be used. If the fuse cover/carrier is lost, a replacement cover/carrie must be obtained from an electrical goods retailer. If the socket outlets are not suitable for the plug fitted to the appliance, then the plug must be cut off and destroyed for safety reasons, and an appropriate plug be fitted.

When wiring the plug ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug.

Electrical connections

230 V - using fixed power supply line with plug.

240 V - using fixed power supply line (Great Britain).

Fuse rating 13 amps

(The unit should only be connected up by an authorized electrician).

See rating plate for further information.

It is recommended that the socket for the plug is sited above the cooker hood or above the overhead cabinet.

This has 2 advantages:

- 1) The socket is not visible.
- 2) The appliance can easily be unplugged when necessary.

If a fixed connection is required the cooker hood should be connected by an electrical installer registered with a competent electricity company. An isolating device is to be provided on the fixed wiring side. Switches with a contact opening of more than 3mm apply as isolating devices.

These include-automatic cut-out switches, fuses and contactors (VDE 0730, s. 7, Part1).

Electrical connection for the UK

The appliance must be connected to fixed wiring with a double pole switched fused spur outlet with or without pilot lamp.

We strongly recommend the appliance to be connected only by a qualified electrician who is a member of the NICEIC who will comply with the IEE and any local regulations.

NOTE:

The terminology "DOUBLE POLE" means that both the live and the neutral supplies are switched and disconnected at the same time.

The terminations labelled SUPPLY are for the connection for the internal house wiring and the terminations labelled LOAD are for the appliance.

IMPORTANT

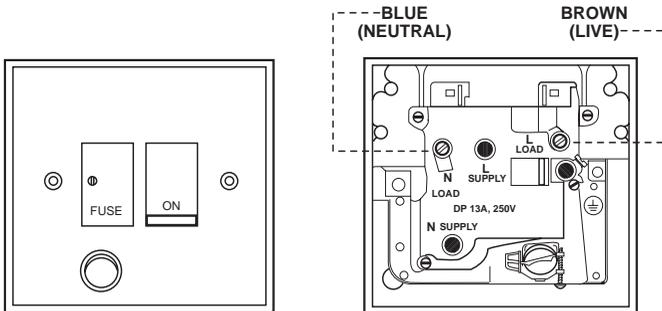
The wires of the mains lead supplied with this appliance are coloured in accordance with the following code:

Blue-Neutral

Brown-Live

As the colours of the flexible cord of this appliance may not correspond with the coloured markings identifying the terminals in the plug, proceed as follows: The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.



Appliances with 2 wires

Safety warnings for kitchen unit installer

When the unit is used in its extractor version, a sufficiently large ventilation hole must be provided, with dimensions that are approximately the same as the outlet hole.

The air outlet must not be connected to chimney flues or combustion gas ducts. The air outlet must under no circumstances be connected to ventilation ducts for rooms in which fuel-burning appliances are installed.

It is advisable to apply for authorization from the relevant controlling authority when connecting the outlet to an unused chimney flue or combustion gas duct.

The air outlet installation must comply with the regulations laid down by the relevant authorities.

National and regional building regulations impose a number of restrictions on using hoods and fuel-burning appliances connected to a chimney, such as coal or oil room-heaters and gas fires, in the same room.

The local decree on fuel-burning systems specifies a maximum depression of 0.04 mbar in such rooms.

Hoods can only be used safely with appliances connected to a chimney if the room and/or flat (air/environment combination) is ventilated from outside using a suitable ventilation hole approximately 500-600 cm² large to avoid the possibility of negative pressure being created during operation of the hood.

If you have any doubts, contact the relevant controlling authority or building inspector's office.

Since the rule for rooms with out fuel burning appliances is "air inlet should be same size as extractor outlet hole", an aperture of 500-600 cm², which is to say a larger hole, could reduce the performance of the extractor hood.

If the hood is used in its filtering version (carbon filter), it will operate simply and safely in the above conditions without the need for any of the aforementioned measures.

When the hood is used in its extractor function, the following rules must be followed to obtain optimal operation:

- short and straight outlet hose
- minimum number of bends in the outlet hose
- Install hoses with an acute angle, always following a gentle curve only
- hose as large as possible (100 mm Ø).

Failure to observe these basic rules will drastically reduce the performance and increase the noise levels of the extractor hood.

When used as an extractor unit, the hood must be fitted with a 100mm diameter hose.

If the fumes must be forced out through the wall, you must obtain a MKZ sizeable wall exhaust pipe (with external exhaust and air intake), E-Nr.- 610 899 004 (Ø 120 mm) which is one of our optional parts.

When installing the hood, make sure you respect the following minimum distance from the top edge of the cooking hob/ ring surfaces:

electric cookers	650 mm
gas cookers	700 mm
coal and oil cookers	900 mm min.

Where flexible ducting is fitted the length should be no more than:

- 3 metres with one 90° bend
- 2 metres with two 90° bends.

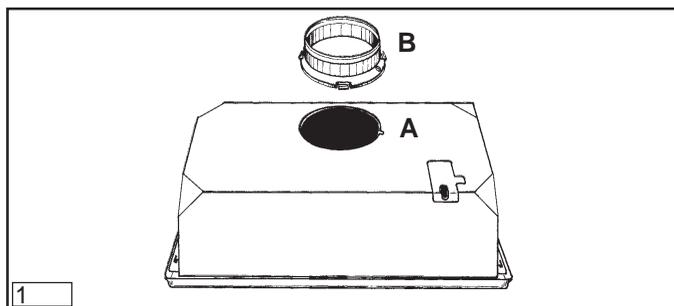
Bends of more than 90° will reduce the efficiency of the hood and reduce the air flow.

General details

The hood is supplied as a ducted version, but may also be used in recirculation mode by inserting a charcoal filter (Special accessories).

The air is ducted out through a pipe which is connected to the outlet hole **A** (fig. 1) by means of a coupling flange **B**.

To connect the hood to a wall box, you use hoses and wall boxes as offered on the AEG price list as optional extras.



**Extractor
version**

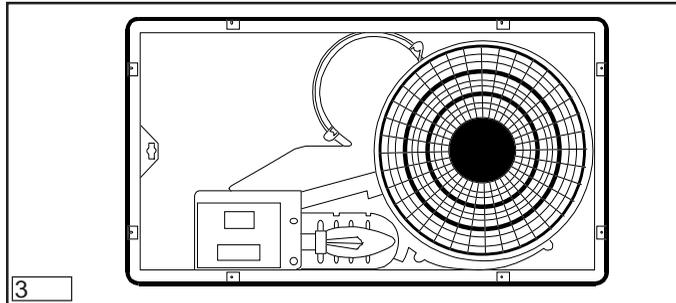
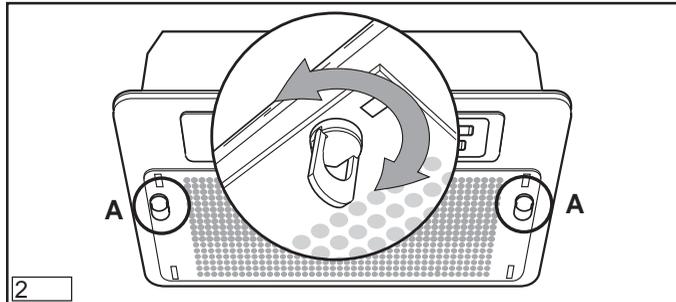
Filter version

Cooking vapours are cleaned by the charcoal filter (Special accessories) and ducted back into the kitchen.

The AEG original KF-Plus charcoal filter is necessary for the recirculating mode (see paragraph "Special accessories").

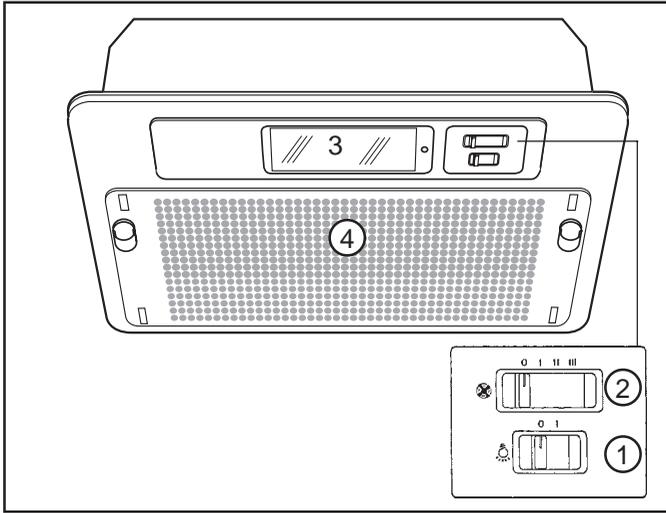
For the recirculating mode proceed as follows:

- a) Remove the grid by turning knob **A** (fig. 2).
- b) Position the filter (fig. 3) and rotate clockwise until it stops.
In this mode air will be expelled through an exhaust pipe with an internal diameter of 100 mm on the top of the cupboard.
- c) Replace the grid.



Description of the appliance

- 1) Light switch
- 2) Motor switch
- 3) Work surface lamp
- 4) Grid



Technical details

Model 502 D

Net weight: 5 kg

Height 145 mm

Width 520 mm

Depth 285 mm

Absorbed power: 160W

Motor: 1 x 120 W

Lighting: 1 x 40 Watt

Length of the cable: 110 cm

Fan powers (speed), speed in compliance with DIN 44971

Speed:	1	2	3
Extractor version:	126 m ³ /h	149 m ³ /h	185 m ³ /h
Filter version:	110 m ³ /h	133 m ³ /h	170 m ³ /h

Flange: 100 mm Ø

Fixing the hood

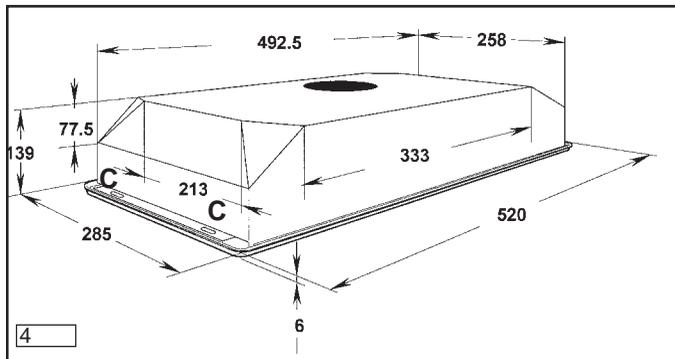
After having adjusted the hood for the version required, it may be installed.

This appliance is designed for fitting in a cabinet or some other support.

The opening to be made on the bottom of the wall-hung cabinet must correspond with the measurements shown in fig. 4 (495 X 260 mm).

To fix the hood proceed as follows:

- a) remove the grid.
- b) Fit the hood into the opening.
- c) Secure the unit to the cabinet by screwing up screws through holes **C** (fig. 4).
- d) Replace the grid.



Safety warnings for user

The hood is fitted with one variable speed motor. The most effective use of the hood is obtained by switching it on a few minutes before you start cooking and leaving it on for approximately 5-15 minutes after having finished, thus ensuring that all that cooking odours are eliminated.

Never leave a cooking hob or ring on without a pot or pan on top of it, to avoid the possibility of excess heat damaging the unit. Gas, oil or coal cooker flames in particular should never be left uncovered.

Special care should be taken when using deep fat fryers since the oil in them can overheat and burst into flames.

The risk of fat catching fire is increased when using dirty oil.

It is extremely important to note that overheating can cause a fire.

Never carry out any flambé cooking under the hood.

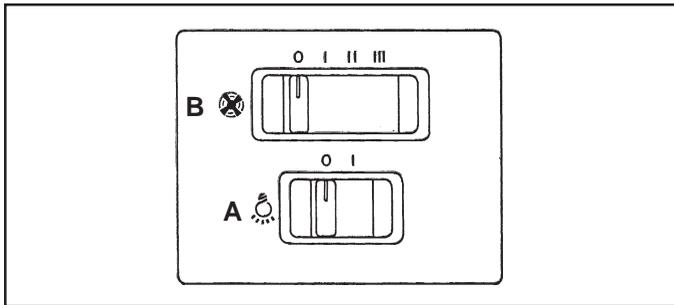
Always disconnect the unit from the power supply before carrying out any work on the hood, including replacing the light bulb (take the cartridge fuse out of the fuse holder or switch off the automatic circuit breaker).

It is very important to clean the hood and the grease filters at the recommended intervals. Failure to do so could cause grease deposits to build up, causing a fire hazard.

Hood Operation

Controls

The hood is fitted with a variable speed motor. The most effective use of the hood is obtained by switching it on a few minutes before you start cooking and leaving it on a for approximately 15 minutes after you have finished, thus ensuring all cooking odours are eliminated. The control switches are located on the unit's front panel: the **light switch (A)** switches the hood lamp on and off; the **motor switch (B)** switches the cooking smoke and vapour extractor motor on and off, enabling you to select one of the three different speeds.



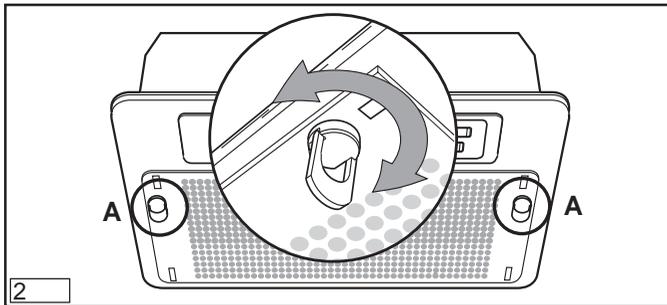
Care and Maintenance

Before performing any maintenance operation, disconnect the hood from the electricity.

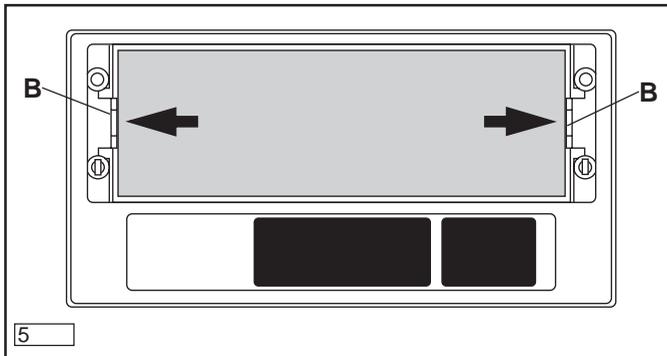
The hood has a metal grease filter.

To clean the filter, proceed as follows:

Open the grill by turning knob **A** (fig. 2).



Pull the two plastic stops **B** as shown by the arrows (fig. 5) and remove the metal filter.



You should take out the metal filter every four weeks and wash it either in the dishwashing machine or by hand.

Clean the internal housing only with warm washing-up water—do not use any harsh cleaners, brushes, or abrasive.

Soak metal filter cassette for about one hour in hot water with a grease-loosening cleaner, then rinse off thoroughly with hot water. Repeat the process if necessary. Re-fit the cassette when it is dry.

Place metal filter cassette in dishwasher. Select most powerful washing program and highest temperature, at least 65° C. Repeat the process. Re-fit the cassette when it is dry.

When washing the metal grease filter in the dishwasher a slight discoloration of the filter can occur.

**Metal
grease filter**

Hand-washing

**Dishwashing
machine**

Charcoal filter

The charcoal filter must be changed at least every 4 months.

The charcoal filter cannot be washed or regenerated.

The hood can only work well in the recirculating mode if the AEG recommended filter has been used, the filter is changed as recommended in this section and if the hood is cleaned and maintained as instructed in this booklet.

Therefore follow the instructions closely for best performance.

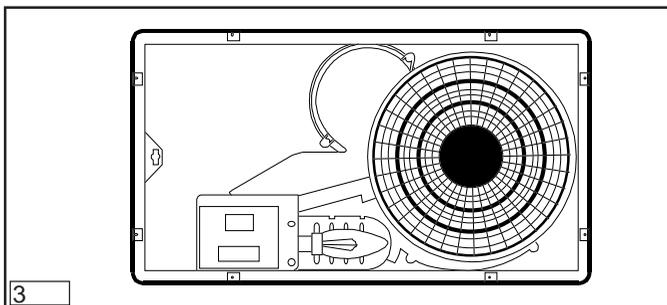
The charcoal filter deals with odours which are created during cooking.

Pull the two plastic stops **B** as shown by the arrows (fig. 5) and remove the metal filter.

New charcoal filters are available from AEG or your retailer; it must not be washed.

To remove rotate the filter in anticlockwise (Fig. 3).

Re-fit the metal filter

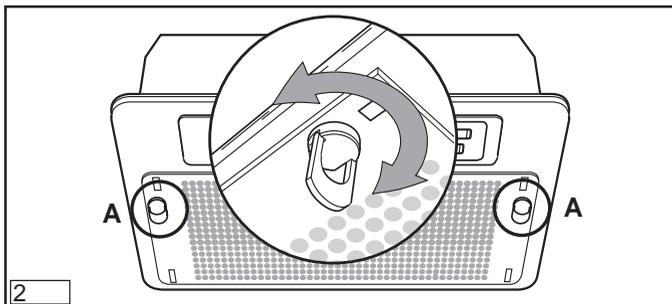


Attention

Failure to observe the rules for cleaning the appliance and changing and cleaning the filters may cause fires. Therefore, we recommend you follow these instructions carefully.

Always turn off the electricity before replacing lamps!

- 1) Remove the grid (Fig. 2) in order to check the lamps and replace them if necessary.



- 2) Unscrew the lamps that do not work and replace them with 40W max lamps (E14).

If the light does not function, check that the lamps are properly screwed before contacting a customers' service centre.

Warning: always disconnect the hood from the mains power supply before cleaning it.

Never insert pointed objects in the motor's protective grille.

Wash the outside surfaces using a mild detergent solution. Never use caustic detergents or abrasive brushes or powders.

Only ever clean the switch panel and filter grille using a damp cloth and mild detergents.

It is extremely important to clean the unit and change the filters at the recommended intervals. Failure to do so will cause grease deposits to build up that could constitute a fire hazard.

Attention

Failure to observe the rules for cleaning the appliance and changing and cleaning the filters may cause fire. Therefore, properly observing these instructions is highly recommended.

Replacing the lamps

Cleaning

Special accessories

See AEG price-list for wallbox and hose accessories.

KF-Plus charcoal filter E-Nr. 942 118 620

Technical assistance service

You are welcome to telephone our technical assistance service (see list of technical assistance centres) whenever you need information or in the unlikely event of a fault.

When calling, please be ready to specify:

- 1. The model code number**
- 2. The serial number (E-Nr.)**
- 3. The manufacturing number (F-Nr.)**

This information is shown on the registration plate inside the unit behind the grease filter grille.

We reserve the right to change specifications and colours as a result of our policy of continuing technological development.

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