

825 D / 8259 D

Extractor Hood

Installation and Operating Instructions

Contents

Introduction	3
Extraction mode	3
Recirculation mode	4
Electrical connection for the UK	5
Technical Details	6
Installation	7
Safety warnings	7
Installation	8
Hood Operation	11
Safety warnings for user	12
Maintenance and care	13
Metal grease filter	13
Opening the metal grease filter	13
Carbon filter	14
Changing the light bulb	15
Cleaning	16
Accessories	16
Something not working	17
Service & Spare Parts	18

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AEG – putting words into action.

Introduction

Extraction mode

- The hood is supplied as an extractor unit and can also be used as a filtered function by fitting activated carbon filters (available as an accessory).
- You will need original AEG activated carbon filters for the filtered function (see Accessories).
- The air is forced out through a hose fitted to the top of the hood
A. Fig. 1.
- The outlet hose must have a diameter of 120 mm (accessory) for the extraction mode.
- Fit the connection ring above the hood with two screws then fit an exhausting pipe long enough to reach the outside. **Fig. 1.**

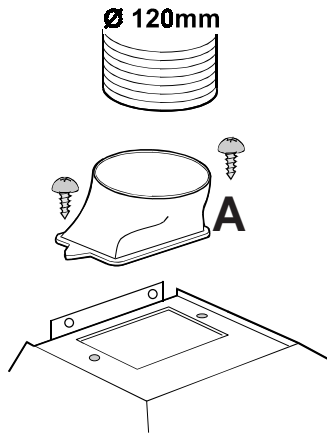


Fig. 1

- If the cooking vapour is passed through an outside wall, you will need an MKZ telescopic wall pipe (with intake and ventilation) E-Nr.: 610 899 004 (120 mm Ø) from our range of accessories.

Recirculation mode

- The air is filtered through an activated carbon filter and passed back into the kitchen through the top outlet duct grids.
- You will need an original AEG KF 825 activated carbon filter for the filtering function. (See Accessories).
- Fix the deflector with two screws $\text{Ø}3,5 \times 6,5$. **Fig. 2.**

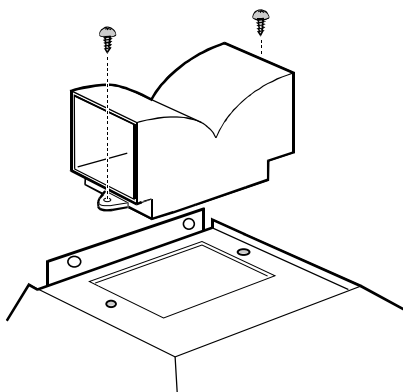


Fig. 2

Electrical connection for the UK

Appliances with 2 wires

WARNING: DOUBLE INSULATED - DO NOT EARTH

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

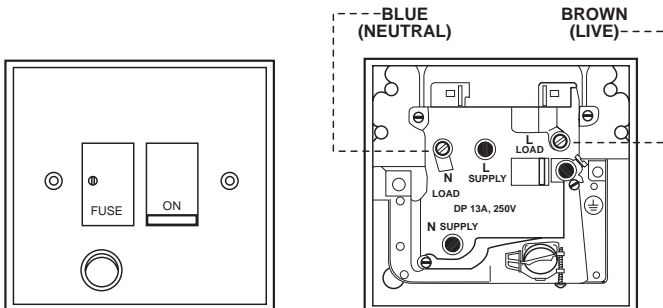
The wires of the mains lead supplied with this appliance are coloured in accordance with the following code:

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.



Technical Details

Dimensions (825 D):

Height x Width x Depth (in cm)	84-117 x 59,9 x 51.5
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Dimensions (8259 D):

Height x Width x Depth (in cm)	84-117 x 89,9 x 51.5
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Weight (825 D):

Net:	10,7 kg
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Gross:	16,2 kg
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Weight (8259 D):

Net:	13,1 kg
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Gross:	19,6 kg
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Maximum absorbed power:	250W
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Motor absorption:	1 x 170 W
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Lighting:	2 x 40 W
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Length of the cable:	100 cm
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Fan powers (speed), speed in compliance with DIN 44971

Extractor version:

1	179 m ³ /h
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2	219 m ³ /h
---	-----------------------

3	336 m ³ /h
---	-----------------------

Filter version:

1	102 m ³ /h
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2	150 m ³ /h
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3	252 m ³ /h
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Flange: 120 mm Ø

Installation

Safety warnings for kitchen unit installer

- When used as an extractor unit, the hood must be fitted with a 120mm diameter hose.
- If the fumes must be forced out through the wall, you must obtain a MKZ sizable 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 hob	600 mm
Gas hob	650 mm
Electric cooker	685 mm
Gas cooker	787 mm

- The cooker hood must not be installed above a cooker with a high level grill.
- 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.
- 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.
- 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.

- Regulations on fuel-burning systems specify a maximum depression of 0.04 bar 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 to avoid the possibility of a depression 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 fuel burning appliances is "outlet hole of the same size as the ventilation hole", a hole 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 function, 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
 - keep bends in outlet hose to a minimum
 - never install the hoses with an acute angle, they must always follow a gentle curve only
 - keep the hose as large as possible (120 mm Ø min.).
- Failure to observe these basic rules will drastically reduce the performance and increase the noise levels of the extractor hood.
- 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.

Installation - Fig. 3

- Put the template onto the wall **(1)** and drill two Ø12mm holes **(2)**.
- Fit two hooks **(3)** on the drilled holes.
- Hang the hood on the hooks and adjust the position of the hood using the two screws on the bottom of the hooks **(5)**.
- Remove the metal filters **(4)** and mark two points **(6)**.
Remove the hood and drill two Ø8mm holes on the marked points.
Fit two Ø8mm wall dowels **(7)**, Hang again the hood and fix the hood definitively with two screws 5X45 **(8)**.
- Fix the chimney support **(10)** with two screws 5 x 45 mm **(9)** and two wall dowels **(11)** on the wall close to the ceiling.
- **For exhausting version:** Fit the connection ring **(S)** on the top of the hood with two screws Ø 3,5 x 6,5 mm **(12S)** then fit an exhausting pipe long enough to reach the outside **(13S)**.
For recycling version: Fix definitively the deflector **(13K)** on the top of the hood with two screws Ø 3,5 x 6,5 mm **(12K)**.
- Prepare the electric connection **(14)** (see relative chapter).
- Fit the chimney **(15)** and fix it on the chimney support with two screws 3,0 x 9 mm **(16)**.
The lower part of the chimney must be slid down and inserted on the housing on the upper part of the hood **(18)**.
- Fit the two grids **(17)** on both sides of the chimney.

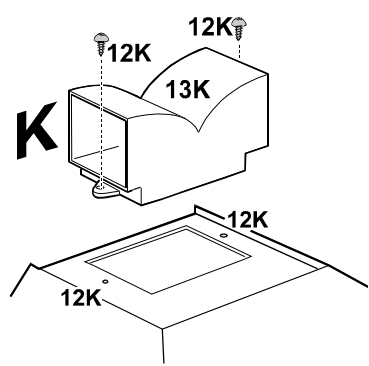
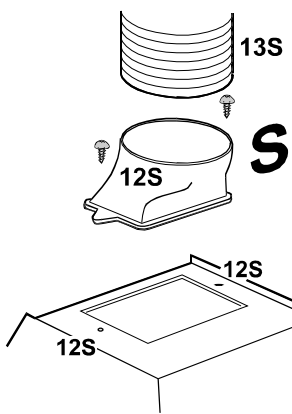
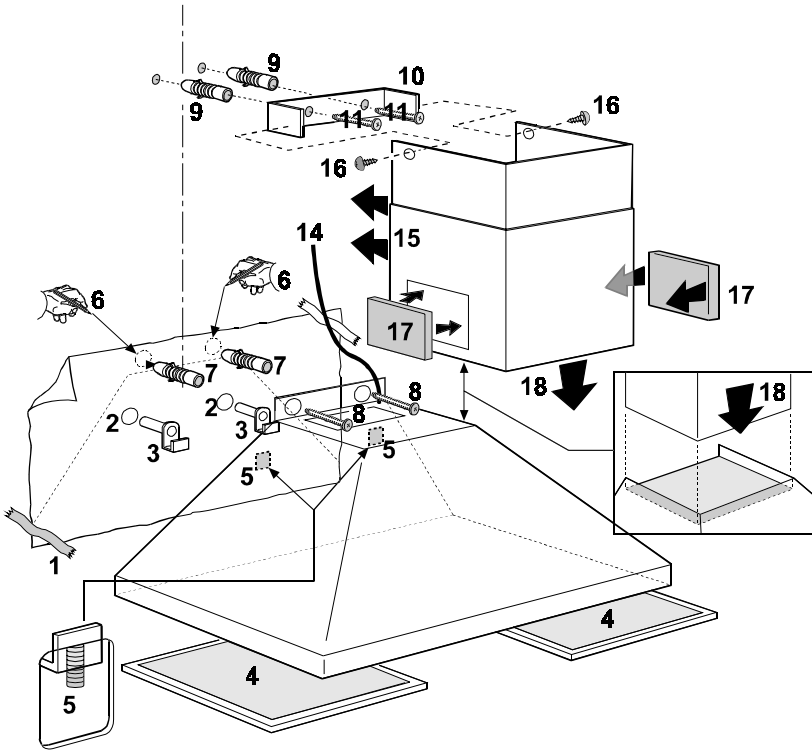
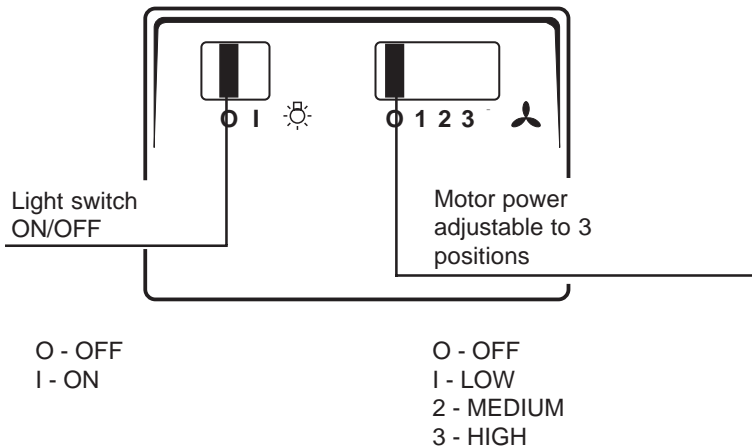


Fig.3

Hood Operation

- 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 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** switches the hood lamp on and off;
- the **motor switch** switches the extractor motor on and off, enabling you to select one of the three different speeds.



Safety warnings for user



- 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 a fat fire increases 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 replace the filter at the recommended intervals. Failure to do so could cause grease deposits to build up, causing a fire hazard.**

Maintenance and care

- The hood must always be disconnected from the mains power supply before beginning any maintenance work.

Metal grease filter

- The purpose of the grease filters is to aspirate grease particles which form during cooking and it **must** always be used, either in extraction or recirculation mode.
Attention: the metal grease filters must be removed and washed, either by hand or in the dishwasher, every four weeks.

Open the metal grease filter

- Push the filters towards the back of the unit and then pull it down and out. **Fig. 4.**

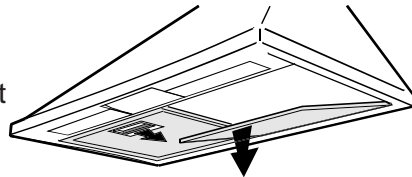


Fig. 4

Hand washing

Soak grease filters for about one hour in hot water with a grease-loosening cleaner, then rinse off thoroughly with hot water. Repeat the process if necessary. Refit the grease filters when they are dry.

Dishwasher

Place the grease filters in a dishwasher. Select the most intensive washing programme and highest temperature, at least 65°C.

Repeat the process if necessary. Refit the grease filters when they are dry.

When washing the metal grease filter in the dishwasher a slight discoloration of the filter can occur, this does not have any impact on its performance.

- Clean the inner housing using a hot detergent solution only (never use caustic detergents, abrasive powders or brushes).

Carbon filter

- The activated carbon filter should only be used if you want to use the hood in the recirculation.
- To do this you will need an original AEG activated carbon filter (see special accessories).
- This filter cannot be cleaned or reused.
- **As a general rule, the activated carbon filter should be replaced once every four months.**
- **Mounting — Fig. 5**

Fit one carbon filter on the left and one on the right so to cover the plastic grids that protect the fan wheel, then turn clockwise the central handle of the carbon filter.

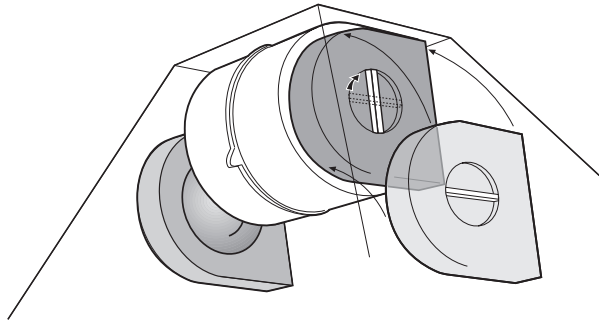


Fig. 5

- **To remove** proceed in reverse order.
- Always specify the hood model code number and serial number when ordering replacement filters. This information is shown on the rating plate located on the inside of the unit.
- The activated carbon filter can be ordered from the AEG Service Force.

Warning

- Failure to observe the instructions on maintenance and cleaning, and changing the filters will cause a fire hazard. You are therefore strongly recommended to follow these instructions.
- The manufacturer declines all responsibility for any damage to the motor or any other damage linked to inappropriate maintenance or failure to observe the above safety recommendations.

Changing the light bulb

- Disconnect the unit from the mains power supply.
- Remove the lamp cover.
- Replace the old light bulb with a new light bulb (40 W max.).
- Fit the lamp cover on its seat.
- If the light does not come on, make sure the bulb has been screwed in correctly before contacting AEG Service Force..

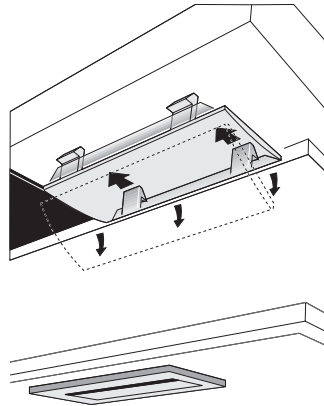


Fig. 6

Cleaning

- **Warning:** always disconnect the hood from the mains power supply before cleaning it.
Never insert pointed objects in the motor's protective grid.
- 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 delicate 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.

Accessories

MKZ telescopic wall pipe	E-Nr. 610 899 004
outlet hose ABS120 - 120 mm Ø	942 118 611
Carbon filter KFF	942 118 627

Something not working

If your cooker hood fails to work properly please carry out the following checks.

Sympton	Solution
The cooker hood will not start...	The hood is connected to the electricity supply. Check that the fan speed control is set to 1, 2 or 3.
The cooker hood is not working effectively...	The fan speed is set high enough for the task. The grease filter is clean. The kitchen is adequately vented to allow the entry of fresh air. If set up for recirculation, check that the charcoal filter is still effective. If set up for extraction, check that the ducting and outlets are not blocked.
The cooker hood has switched off during operation...	The safety cut-out service has been tripped. Turn off the hob and then wait for the device to reset.

If after all these checks, the problem persists, contact your local Service Force Centre, quoting the model and serial number.

Please note that it will be necessary to provide proof of purchase for any in-guarantee service calls.

In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

Service & Spare Parts

If you require a service engineer or wish to purchase spare parts, contact your local AEG Service Centre, by telephoning:

0990 929929

Help us to help you

Please determine your type of enquiry before telephoning. When you contact us we need to know.

1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of the fault.
4. The model, serial number (E-Nr) and the manufacturing number (F-Nr) (This information can be found on the rating plate).
5. Date of purchase.

Customer Care

For general enquiries regarding your AEG appliance, or further information on AEG products please contact our customer care department.

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