

**AEG**

---

**Cooker Hoods**

**EFK 61 EFK 91**

**and EFK 101**

---

**Installation and Operating Instruction**

## Construction features and description

The cooker hood is designed to remove the vapours and odours arising in cooking and frying. A ventilator, installed in the sturdy and enamelled housing, sucks off the „kitchen vapours“ above the range or built-in cooking unit, through special grease filters, conducting the vapours via an air-outlet conduit into the open air (air extraction system), or feeding back fresh air, after cleaning the exhausted air by means of an ozone lamp, or by odour-filters, into the kitchen (circulating air system).

### Push button switches (Fig. 1)

Switch L switches illumination on and off

Switch No. 1 = switches ventilator to low operation

Switch No. 2 = switches ventilator to medium operation

Switch No. 3 = switches ventilator to high operation

Switch No. 0 = switches ventilator off from any operating stage

Switch No. 0, after having been pushed in, will remain in that off-position. The ozone unit (used in the circulating air system only) is automatically switched on with the ventilator when the latter is set to medium or high operation (by switches 2 and 3).

### Fat filters

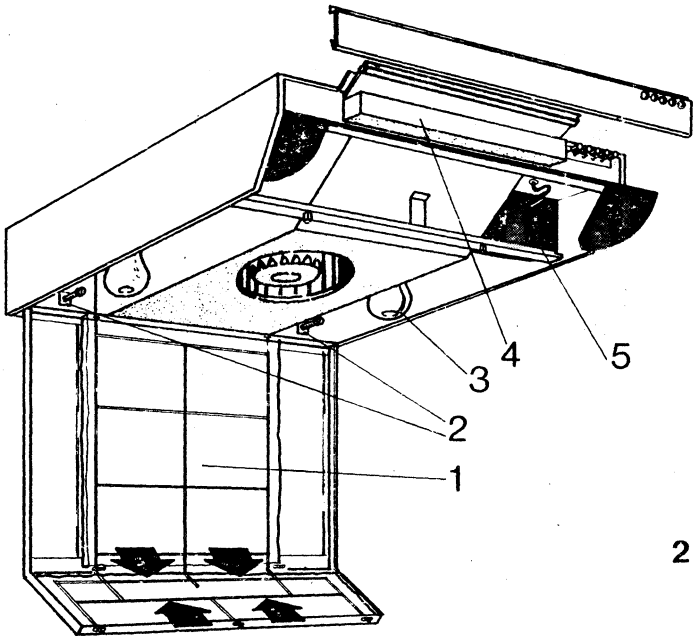
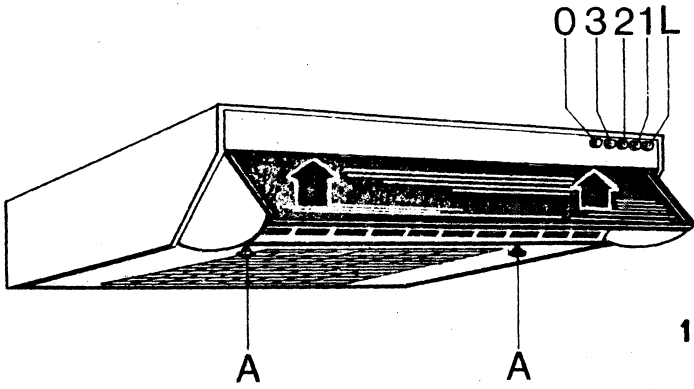
The effectiveness of the cooker hood depends largely on the condition of the fat filters. Their absorption power is, however, limited. They must be cleaned regularly, the length of the cleaning intervals depending on how often the hood is used, and on their resulting saturation.

When removing and **cleaning the fat filters** proceed as follows:

1. Fully swing out flap at front of hood
2. Screw off knurled nut at bottom of hood (Fig. 1/A)
3. Swing down filter frame into vertical position
4. Compress wire screen at its narrow side and remove it from its holding fixtures (Fig. 2).
5. Clean the filters in a warm rinsing solution of not more than 45° C (113° F) temperature, using any commercial detergent. Please **do not wring out filters**, just squeeze them out.

### Illumination of cooking place (Fig. 2/3)

For the illumination of the cooking place, 2 electric bulbs (of 60 watts each) are installed in the hood. To replace them, swing down the filter frame, as described above.



## Care of housing

Cleaning of the housing is best effected with the aid of a well wrung-out rag previously soaked in a tepid rinsing solution. Subsequently polish the housing with a soft and dry cloth.

## Care of ozone lamp (used in circulating system only) (Fig. 2/5)

**Switch off unit!** Swing down filter frame.

Now pull out electric plug connection from ozone lamp.

By pulling off the two fixing clips, the ozone unit is loosened from its holding fixture. Remove the covering hood (made of stainless steel) with the aid of a small knife or screwdriver (Fig. 3), then unscrew ozone lamp carefully, as the glass bulb is made of very thin glass. Clean the lamp in a rinsing solution of approx. 40° C (113° F), rinse in clean water and rub dry with a soft cloth. The dry bulb should be touched with a soft cloth only and be re-assembled in the reverse order of the above description.

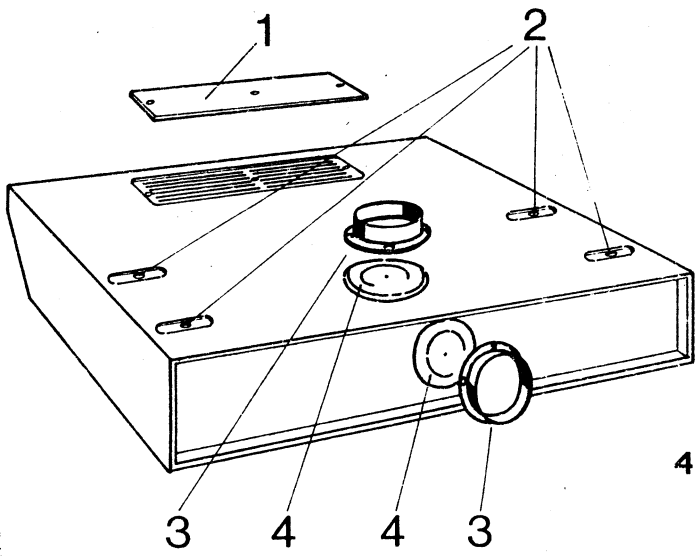
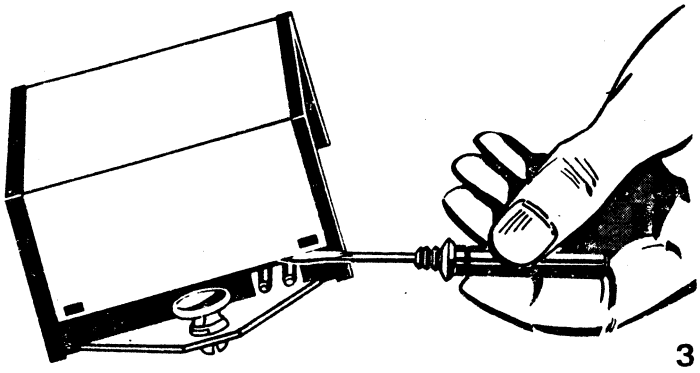
**CAUTION!** Care should be taken to rub the lamp completely dry.

## The odour filter (used in circulating air system) (Fig. 2/4)

The air can be cleaned by a odour filter, used instead of or in combination with the ozone unit. This filter cannot be cleaned and should be replaced every 1 1/2 or 2 years. Replacement is effected in the following order:

1. Remove stainless steel panel (over the push button switches) by pulling it forward in an upward movement.
2. Unscrew cover in the middle of the housing.
3. Extract filter in a forward direction.
4. Insert filter and close hood in the reverse order.

Before using the odour filter for the first time, it is advisable to boil some water while hood is operating.



## Installation of cooker hood

The vapour hood should always be mounted above the centre of the range or the cooking unit.

The distance between the upper edge of the electric range or cooking unit and the lower edge of the vapour hood should not be less than 60 cm (24"). In the case of gas ranges or gas cooking units, a minimum distance of 70 cm (28") must be maintained.

To prevent any accumulation of heat under the hood, the gas burners should not be ignited before the cooking pots are placed on the plates. If the gas ranges are used without the pots, temperatures will be generated which are liable to damage components of the hood.

Furthermore, the swing-out flap should always be of stainless steel when using a gas cooker.

Replacement of the flap is effected as described below:

1. Swing out flap, as shown in fig. 2.
2. Unscrew the two screws at both ends of frame joint of flap (while holding flap in position). Thereafter, the flap can be fully lifted from the hood.
3. Re-assemble flap in reverse order. When ordering stainless steel flap, please state:

Article No.: 939-4610-591 for Model 5030 A U

Article No.: 939-4610-592 for Model 5031 A U

Article No.: 939-4610-593 for Model 5032 A U

The cooker hoods can be used both for suspension from the wall and for installation below upper cupboards.

## When using hood in air extraction system please observe the following:

The shorter the exhaust pipe and the smaller the number of elbows used, the better is the working efficiency of the hood.

A square or round pipe of an inside width of 100 mm (4") can be used for an extension of the connection pipe.

In the case of extremely long pipes, a diameter of 120 mm (4 3/4") should be chosen, although the counterpressure must not surpass 10 mm (13/32") W.C. (water column). With pipes running in a horizontal direction, it is necessary that there should be a slope of at least 5 cm (2") per 100 cm (40") of pipe length.

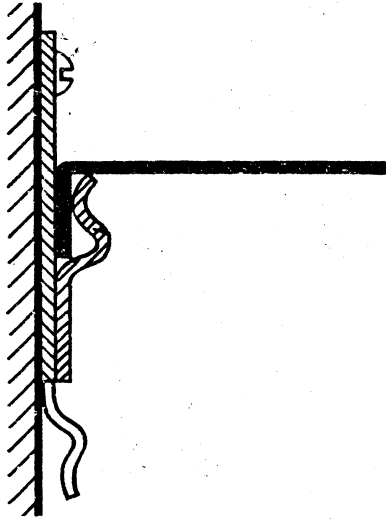
The air extraction can be effected through the back or through the top (fig. 4/4). Please remove the corresponding lid and fasten the pipe connection supplied with the hood (Fig. 4/3).

The covers can only be removed with a pointed tool.

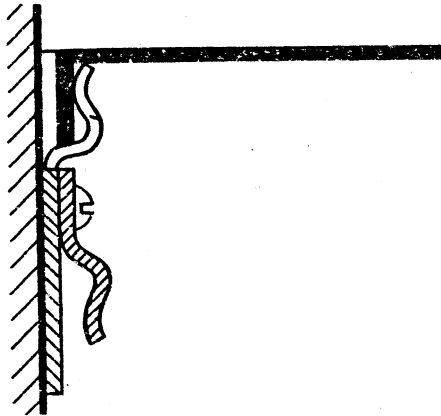
## When using hood in circulating air system

remove square lid (Fig. 4/1).

Install ozone unit or odour filter, or both of them (see above description).



5



6

## **When using hood mounted to wall**

screw profiled bar supplied with hood into wall and suspend hood from it. For air outlet through the back, see fig. 5, for air outlet leading through top or for circulating air be guided by fig. 6.

## **When hood is mounted to upper cupboard**

proceed as follows:

1. Remove suspended cupboard and turn it upside down.
2. Place stencil on bottom of cupboard.
3. Mark boreholes through stencil on cupboard, for fastening screws, then drill holes.

When using hood with air outlet through top, mark position of outlet pipe connection. The opening for the outlet pipe at the bottom of the cupboard should have a minimum size of 14 x 14 cm (5½ x 5½''), or a minimum diameter of 14 cm (5½'') when pipes of commercial size and quality are used.

It is advisable to paste Tesastrip No. 771, Tesamoll or a similar soft isolating strip between hood and bottom of cupboard or wall bracket, as a protection against vibrations (fig. 7).

Now screw the hood to the bottom of the cupboard through the rough-drilled boreholes, then push the exhaust air pipe, leading to the flue, over the pipe connection. It is not absolutely necessary to place a special packing between too wide an exhaust air pipe and the exhaust pipe connection of the hood. Sharp-edge, angular elbows and the shifting of pipes will, of course, reduce the working efficiency of the installation.

## **Alignment of vapour hood**

For mounting the vapour hood in a horizontal position, use the adjusting screws supplied with the hood. These adjusting screws should be inserted from inside into the thread holes located at both sides of the rear of the hood (fig. 2/2).

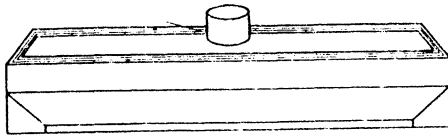
After fastening the screws, place the plastic caps, supplied with the hood – over the ends of the threads.

## **Electrical connection of cooker hood**

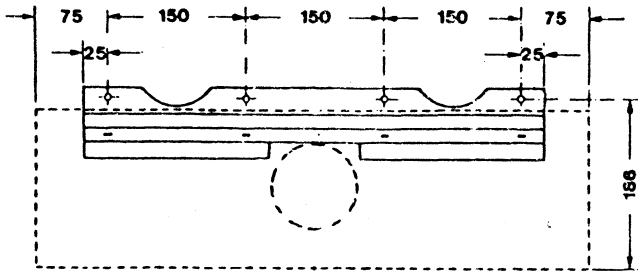
The hood can be directly connected to any socket protective plug reception, provided it is connected to a properly earthed, neutrally wired reception in a circuit protected in accordance with the regulations.

(For favourable location of plug socket please see fig. 8 + 5 and fig. 9 + 6).

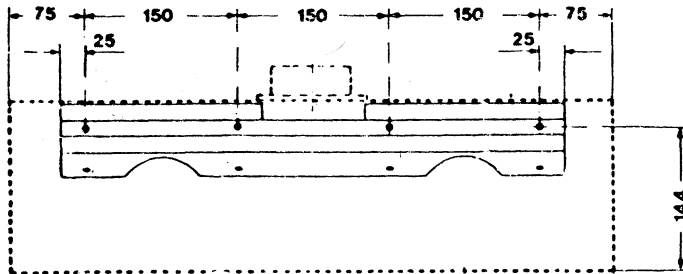




7



8



9

Our policy is one of continued improvement AEG-TELEFUNKEN  
(UK) LTD., therefore, reserve the right to alter or amend technical  
specifications without prior notice.

**AEG-TELEFUNKEN (UK) LTD.,  
Bath Road, SLOUGH SL1 4AW.**

