



## **Instructions Manual**

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## WARNING!

- **Read the instructions carefully before installing and/or using the hood.**
- Before connecting, make sure that the mains voltage corresponds to the voltage on the rating plate inside the hood. (see fig. 7)
- Once you remove the appliance from its packaging make sure it is intact. If the product is damaged, do not use it and contact the Smeg assistance network.
- It is recommended that a qualified technician performs installation and adjustment operations .
- There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels. (Not applicable to appliances that only discharge the air back into the room).
- There is a risk of fire if cleaning is not carried out in accordance with the instructions.
- Do not flambé under the range hood.
- Caution: accessible parts may become hot when used with a cooking appliance.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervised or instruction concerning use of the appliance by a responsible person for their safety.
- Young children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Before carrying out any kind of maintenance or cleaning, disconnect the hood from the mains supply.
- Inspect and clean the filters thoroughly and in accordance with the intervals suggested by the manufacturer.
- Do not cook or fry in a way that could result in flames being sucked into the hood and causing a fire.
- The hood surface can be cleaned with a damp cloth and a non-bleach liquid detergent.
- The exhaust air must not be discharged into a flue which is used for exhausting fumes from other appliances burning gas or other fuels. (Not applicable for appliances which only discharge air back into the room)
- The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood:  
When the range hood is located above a gas appliance, this distance shall be 65cm. If the instructions for the installation for the gas hob specify a greater distance, this must be taken into account. (the distance of 65 cm can be reduced for non-combustible parts of range hood and part operating at safety extra low voltage provided these parts do not give access to live parts. Distance may be reduced to 60cm to align with the AGA code.
- Regulation concerning the discharge of air have to be fulfilled.
- WARNING: Failure to install the screws or fixing device in accordance with the instructions may result in electrical hazards.
- **THE MANUFACTURER CANNOT BE HELD RESPONSIBLE IF THE ABOVE INSTRUCTIONS ARE NOT FOLLOWED**

## OPERATION

This appliance has been designed to work as a **DUCTING** hood (evacuation of the air) or **RECYCLING** hood (recycling of the filtered air).

- **DUCTED MODE:** In order to use the hood in the ducted mode, connect the motor intake, by means of a suitable ducting hose not less than 120mm diameter, directly to the external fumes outlet.

**Note:** Remove any carbon filters.

- **RECIRCULATION MODE:** If it is not possible to discharge fumes outside, the hood can be used to filter and recycle the air. This way, air and fumes are filtered by the anti-odour carbon filters and recirculated through the aerating grids on the sides of chimney.

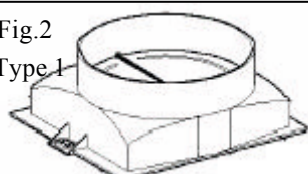
## INSTALLATION INSTRUCTIONS:

Fig.1



Fig.2

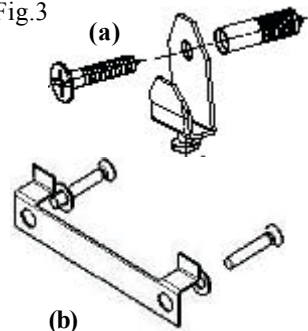
Type 1



Type 2



Fig.3



The hood is supplied with all the necessary accessories for installation. **The minimum distance between the cooker and the lower part of the hood must be 750 mm for gas cookers and 650 mm for electric cookers** (Fig. 1). The hood is supplied with a motor intake (Fig 2). If it has not been assembled by the manufacturer, you can assemble it using the supplied screws (for type 1) or pushing (for type 2) **If the motor intake is equipped with a non-return valve, make sure it opens and closes perfectly.**

The following instructions will assist installation:

- The hood should be centred with respect to the cooker.
- The hood is supplied with two supports/hooks (a) (Fig 3) or bracket (b) that need to be fixed to the wall by means of wall anchors. The L1 holes for these supports are on the back of the hood (fig. 4)
- Remove the anti-grease filters, put the hood on the wall and mark the position of the holes for the supports/hooks.
- Drill the two previously marked holes after removing the hood from the wall.
- Fix the two supports/hooks to the wall.
- Mark the L2 holes on the wall to fix the hood safely. (fig. 4) Drill and put the anchors in the holes.
- Hang the hood on to the supports/hooks (fig. 5) and level by means of the adjusting screw (fig.3).
- Fix the hood safe by tightening both wall anchors.

**Ducted mode or Recirculation mode installation:**

**Ducted mode:**

In the ducted mode, connect the motor outlet to the fumes outlet duct not less than 120mm diameter.

**Warning: if the hood is equipped with an active carbon filter, it must be removed (see page 7)**

Fig.4

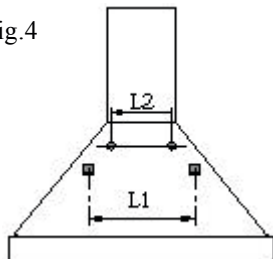


Fig.5

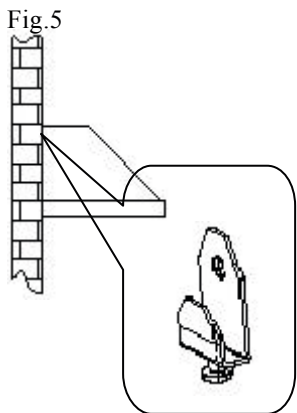
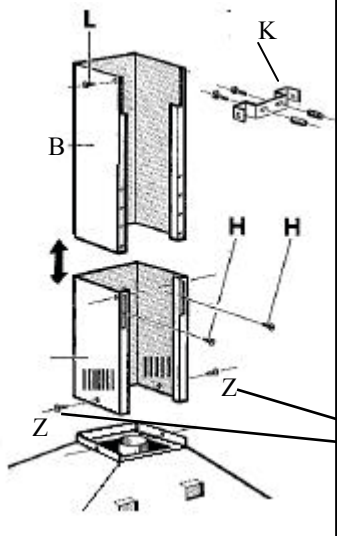


Fig.6



### Recirculation mode:

Leave the motor intake free. Install the active carbon filters as shown in page 7.

Warning: if the hood is not supplied with an active carbon filter, it is necessary to buy it separately and assemble it before using the hood.

### m) Chimney assembly:

Adjust the two telescopic chimneys to the required length (fig. 6).

Block the chimneys by tightening the two **H** screws. Place the chimneys group on the top side of the hood carefully. Put the chimney bracket **K** on the **B** chimney (fig. 6). Mark the holes on the wall for fixing the chimney bracket to the wall.

Remove the chimney set, drill and fix the support racket to the wall by means of wall anchors. . Put the chimney group back in place and fix it to the hood with the **Z** screws and to the chimney bracket with the **L** screws as shown in figure 6.

## ELECTRICAL CONNECTION

It is recommended that all electrical connection operations are performed by a qualified technician.

The appliance is supplied WITHOUT A PLUG. It is therefore necessary to fix a plug to the wire. The plug and fuse must be in accordance with the rating plate inside the hood. Then connect it to a nearby, easily reachable socket in accordance with the rules in force.

In the case of a direct connection to the mains supply, it is necessary to put a switched spur between the appliance and the mains supply. The switch must be suitable for the load, compliant with the rules in force and must have a minimum contact opening of not less than 3mm.

maximun screw lenght: 15mm

## OPERATING INSTRUCTIONS:

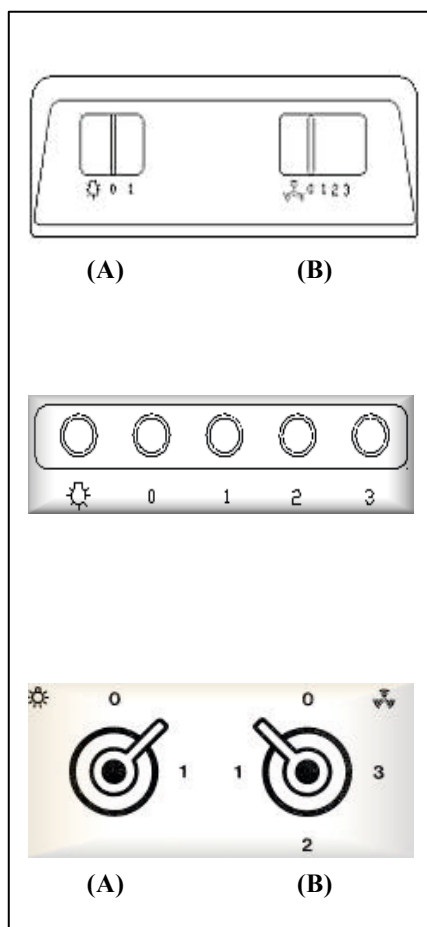
### ✓ CONTROL PANEL:

In order to achieve the best performance, it is recommended to start the hood a few minutes before starting cooking and keep it on for at least 15 minutes after finishing cooking or after all fumes and odours have disappeared.

To start the hood, identify your type of control panel and follow the instructions:

#### ➤ SLIDER:

- Key (A) to turn on/off the hood's light.
- Four-position Cursor (B):  
**0:** Off  
**1/2/3:** On/Speed adjustment



#### ➤ ELECTROMECHANICAL PUSHBUTTONS:



Light ON/OFF Button

0

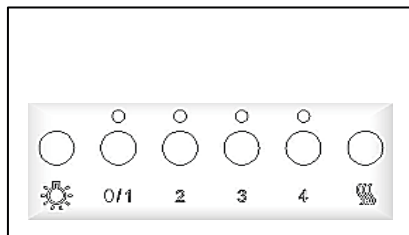
Motor OFF button

1-2-3

On/speed adjustment button

#### ➤ WITH KNOBS:

- Two-position **Knob (A)** to turn on/off the light (0-1)
- Four-position **Knob (B)**:  
**0** Motor OFF  
**1-2-3** Speed adjustment



#### ➤ ELECTRONIC PUSHBUTTONS:



Lights ON/OFF

0/1

OFF/1 speed

2-3-4

Speed adjustment



Filters reset button

#### OPTIONAL FUNCTIONS:

- **AUTO POWER-OFF TIMER:** Pushing one of the speed adjustment buttons (2-3-4) twice, you will activate the “Auto power-off timer” function that turns the motor and light off after 10 mins. The activation of such function is signalled by the blinking LED above the pressed button.

- **FILTERS CLEANING WARNING:** When all the 4 LEDs blink at the same time (*which is programmed to happen every 100h of operation*), the user is required to clean/replace the filters .

Pressing the Reset button



the 100h count will start again

**Note:** Pressing the reset button accidentally before the end of the 100h cycle does not reset the filters cleaning memory

It is recommended that grease filters are cleaned every 100h and active carbon filters are replaced every 200h.

## CLEANING AND MAINTENANCE:

**Before performing any cleaning and/or maintenance operation always disconnect the hood from the mains supply.**

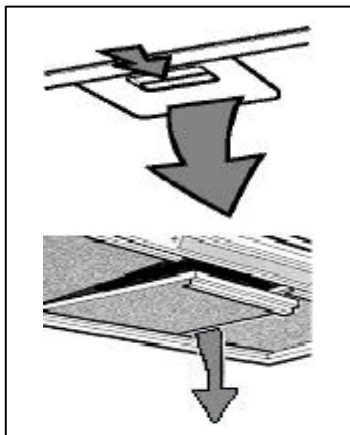
Regular cleaning will ensure a good performance and extend the working life of the hood. Special attention should be given to the grease filters and carbon filters (for recycling hoods only).

**Note: An excess of grease in the filter, as well as affecting the performance of the hood, can also be a fire risk.**

#### EXTERNAL CLEANING:

External and internal cleaning of the hood should be performed with a damp cloth and a non-bleach liquid detergent, **absolutely avoiding solvents or abrasive substances**. It is advisable to use specific products, following their instructions. When cleaning the steel of the hood, we suggest rubbing in the same direction as the grain.

## METAL FILTERS CLEANING:



Special attention should be reserved to the metal grease filters. An excess of grease in the filter, as well as affecting the performance of the hood, can also be a fire risk. To avert fires, the filters must be cleaned regularly at least once a month or more frequently, in the case of a heavy use of the appliance.

According to your hood's model, remove one filter at a time as shown in these pictures. Wash the filters thoroughly with a non-bleach detergent, either by hand or machine. Re-assemble the filters, making sure that the handle faces the outside of the hood

## CARBON FILTERS REPLACEMENT: (For recirculated version only)

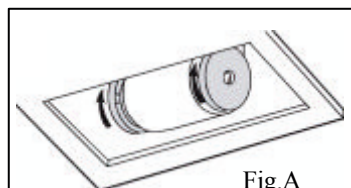


Fig.A

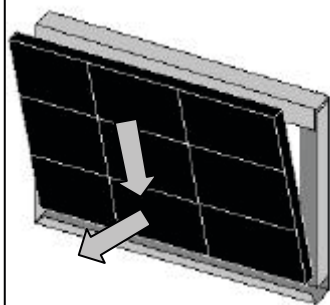


Fig.B

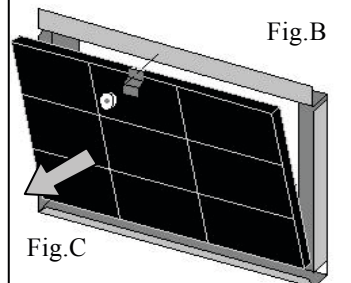


Fig.C

The carbon filters can only retain odours for a limited period of time. They cannot be washed, therefore, it is recommended they are replaced at least once every six months or more frequently in the case of a heavy use of the appliance.

Before starting, make sure the hood is disconnected from the mains supply.

To reach the active carbon filters, it is necessary to remove the metal filters as shown above. Use the pictures to find the carbon filter kit of your hood.

Round filter: simply rotate the filters 90 degrees as shown in fig. A and then remove them from their seats.

Spring-held cartridge filter (fig. B): press enough to overcome the spring's resistance and remove the filter.

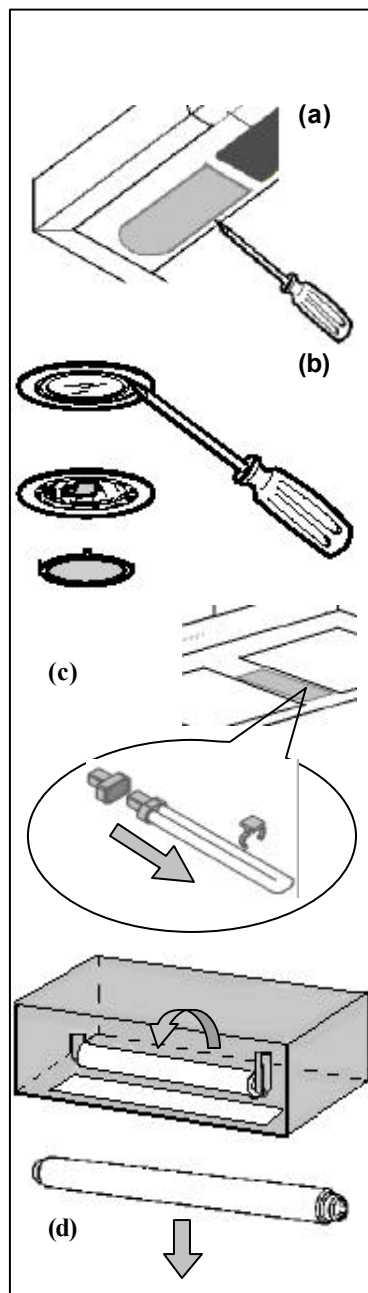
Cartridge filter with bracket and threaded knob (fig. C): unscrew the knob, remove the blocking racket and then remove the active carbon filter.

Re-assemble the carbon and metal filters performing the above mentioned operations backwards.

Note: only for the electronic controlled hood, reset the filters cleaning warning by pressing the **Filter reset** button.



## LIGHTS REPLACEMENT:



**Before performing any cleaning and/or maintenance operation, disconnect the hood from the mains supply.**

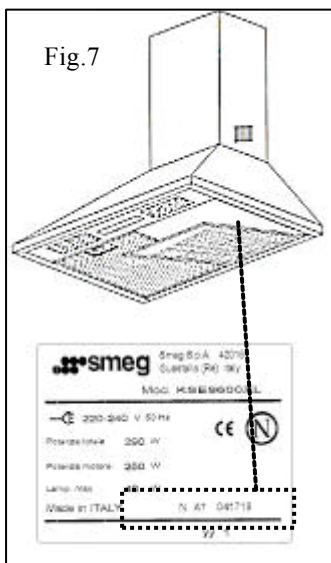
According to the model, the hood can be equipped with different kind of lighting such as incandescent, halogen and neon lamps.

- a) Incandescent lamps:** E14 – 40W 230V lamps. To replace them, remove the transparent fixture from the control panel, unscrew the lamp and screw in the new one.
- b) Halogen lamps:** G4, 20W - 12V lamps. To replace the lamp, use a screwdriver to remove the glass-supporting ring. Then remove the old lamp and insert the new one. Put the glass back, securing it with the ring.
- c) Biax neon lamps:** G23 11W lamp. Once the fixture has been removed, remove the biax lamp from its seat and support. Put a new lamp in, performing the same operations backwards.
- d) Neon lamp:** 15/18W neon tube. To reach the neon tube, unscrew the glass framework screws. Rotate the tube 90 degrees and remove the neon lamp. Install the new neon tube and put the glass framework back.

## WARRANTY AND TECHNICAL ASSISTANCE SERVICE

The hood packaging includes, together with this operating and maintenance booklet, the **Smeg Warranty Booklet**. Please read the **Smeg Warranty Booklet** for complete information about the warranty (N.B. bulbs and filters are not covered by your warranty).

Fig.7



In the case of failure, please call

**Customer Service**

**0870 9909907**

**and provide the following data:**


- The model indicated inside the hood (fig. 7)
- Your full address
- Your telephone number
- Information on the kind of failure

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This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.



The symbol  on the product, or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



# Safety Warnings

## Model KDIAM90AX

- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervised or instruction concerning use of the appliance by a responsible person for their safety.
- Young children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels. (Not applicable to appliances that only discharge the air back into the room)
- There is a risk of fire if cleaning is not carried out in accordance with the instructions.
- Caution: Accessible parts may become hot when used with a cooking appliance.
- Do not flambé under the range hood.

The instructions must include details concerning cleaning instructions and frequency of cleaning.

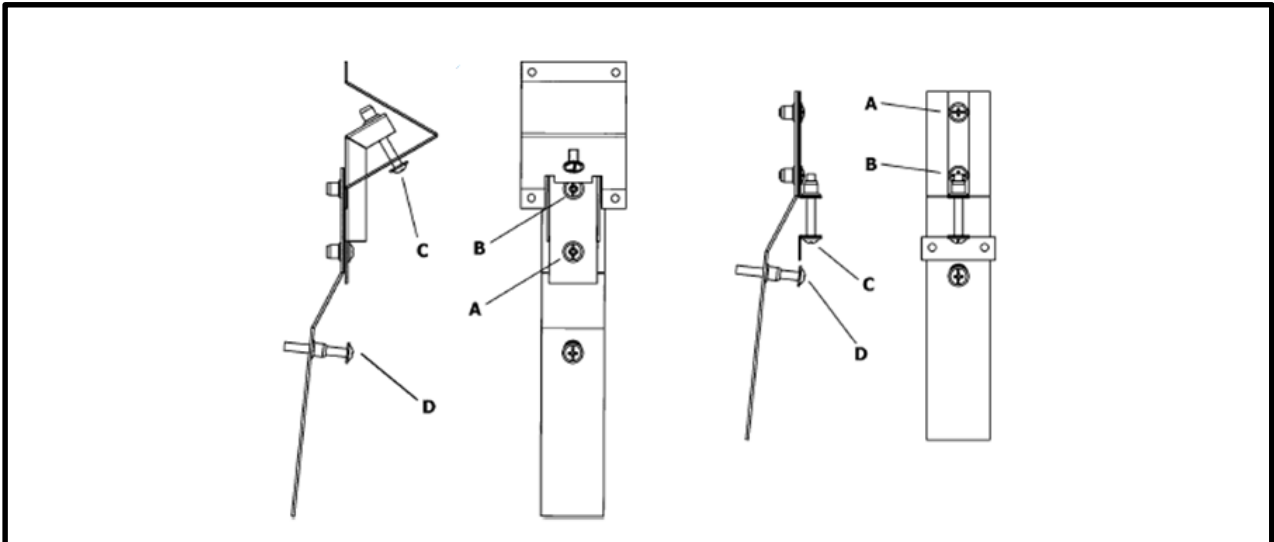
For Installation Instructions:

- The exhaust air must not be discharged into a flue which is used for exhausting fumes from other appliances burning gas or other fuels. (Not applicable for appliances which only discharge air back into the room)
- The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood is 65cm. Distance may be reduced to 60cm to align with the AGA code.
- Regulations concerning the discharge of air have to be fulfilled.
- Warning: Failure to install the screws or fixing devices in accordance with the instructions may result in an electrical hazard.

# Installation instructions

For Under cupboard and Universal model KDIAM Make cut out to the following sizes.

Model	Hood Size	Base size	Cut Out Dimension
KDIAM90AX	258x880	280x900	270x885



For the fixed Hoods

1. Loosen screws A and B by turning anti-clockwise.
2. Insert rangehood into cut out and turn screw 'C' clockwise to align rangehood with cupboard base. Do not over tighten.
3. Tighten screw 'A' by turning clockwise to lock fixing bracket.
4. Fit off ductwork as required.
5. To remove rangehood, turn screw 'D' clockwise.

