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INSTRUCTION ON MOUNTING AND USE

Model	Häfele article number
HH-IG90B	539.81.775

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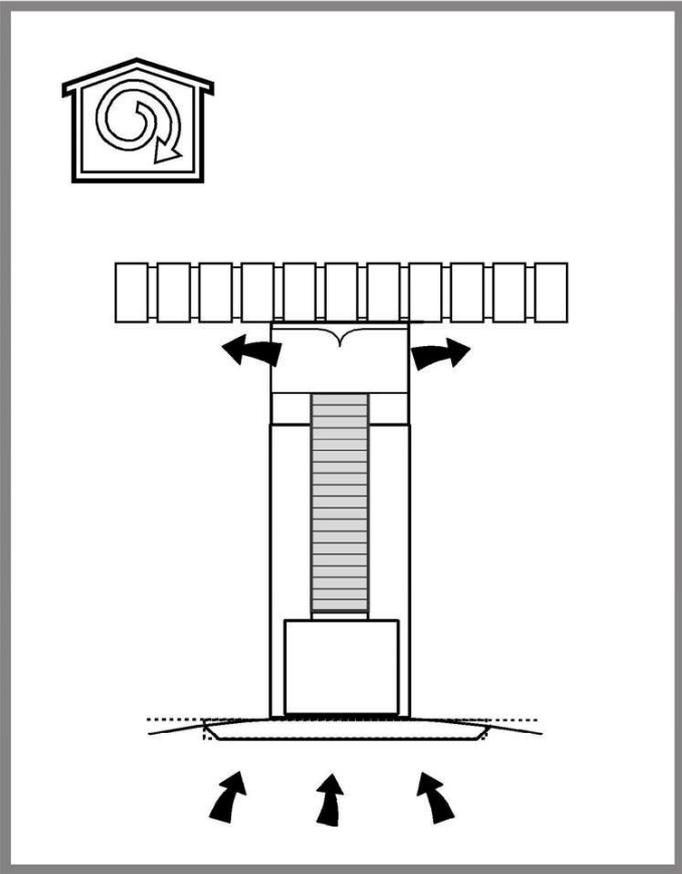
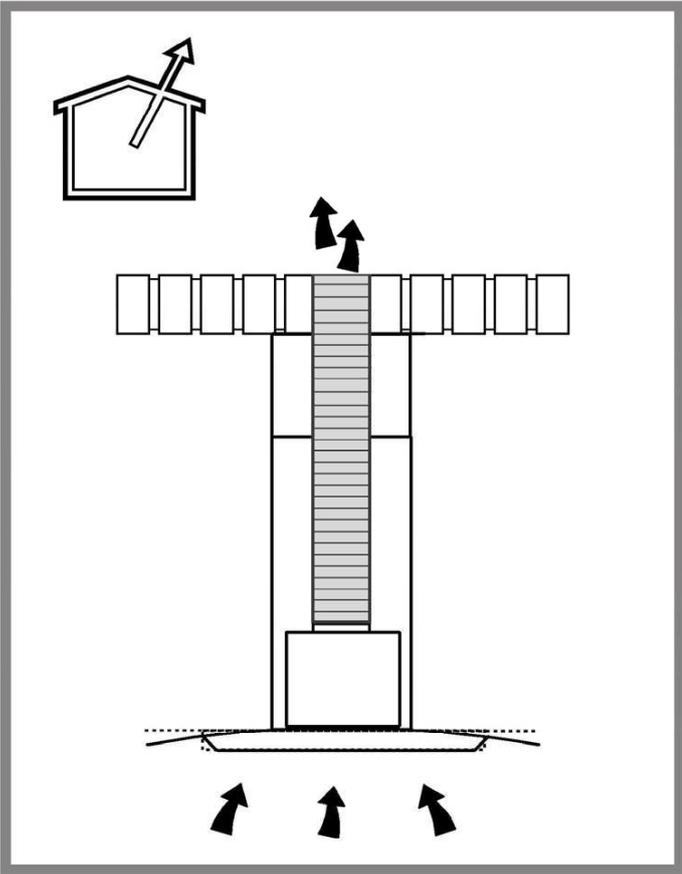
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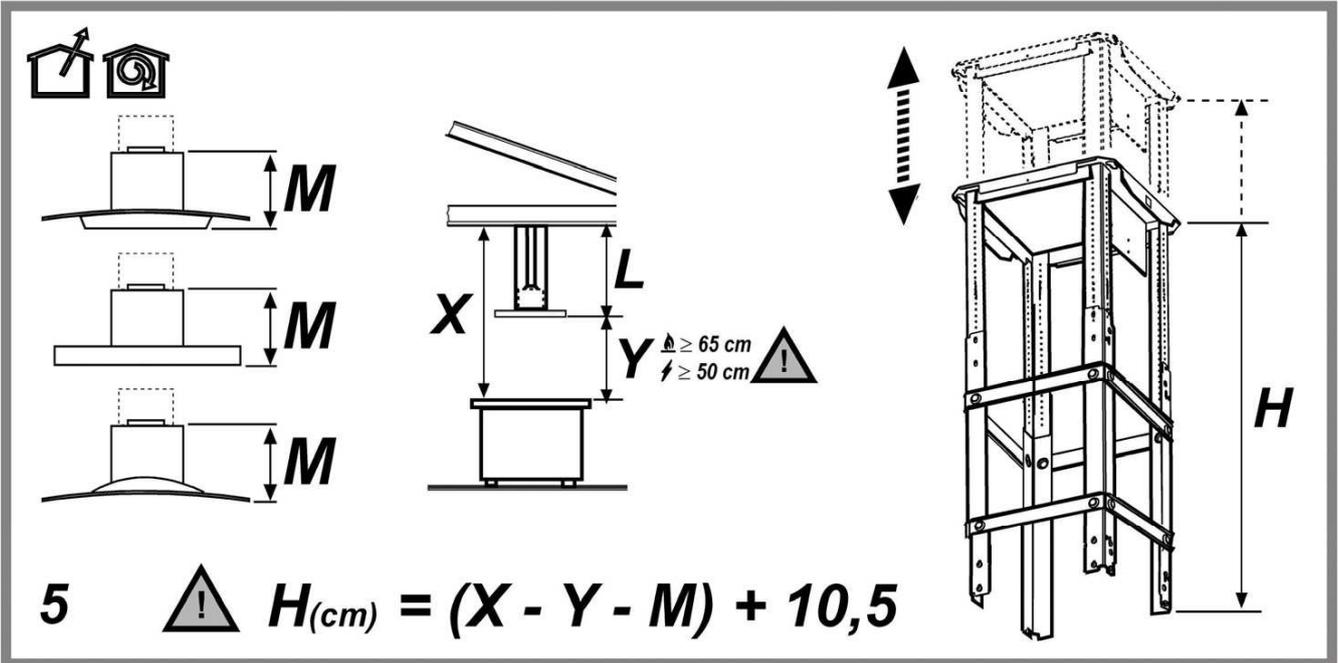
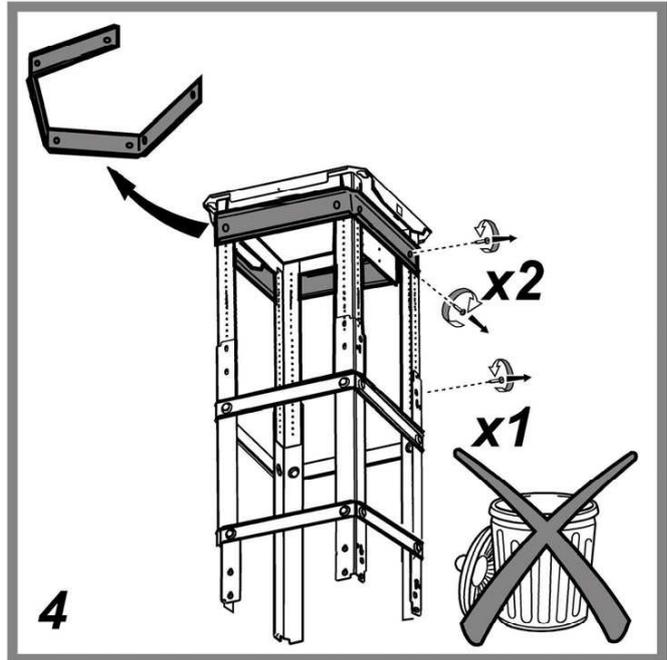
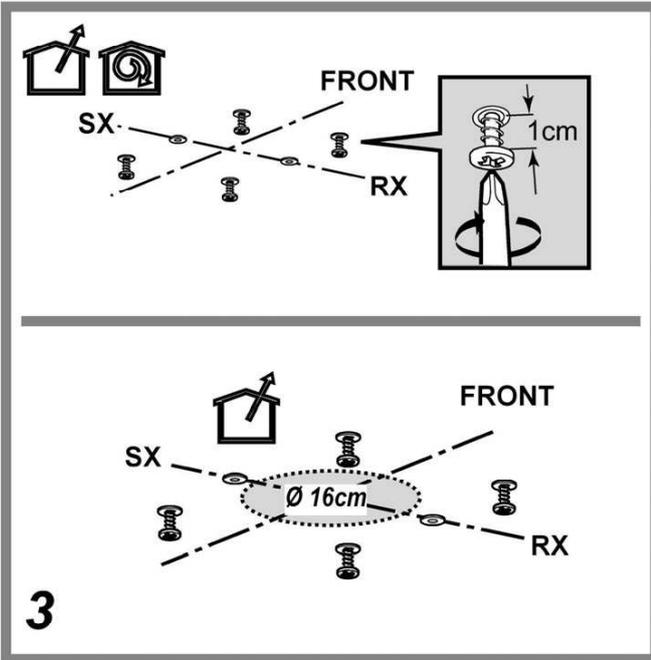
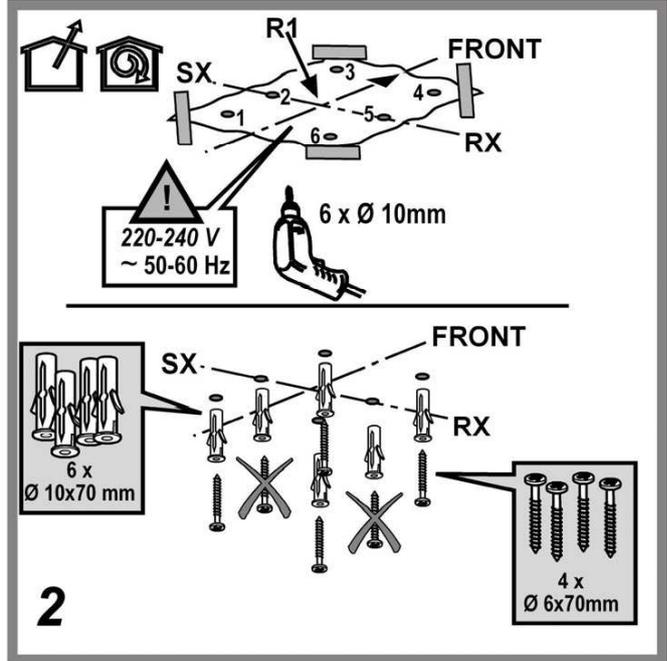
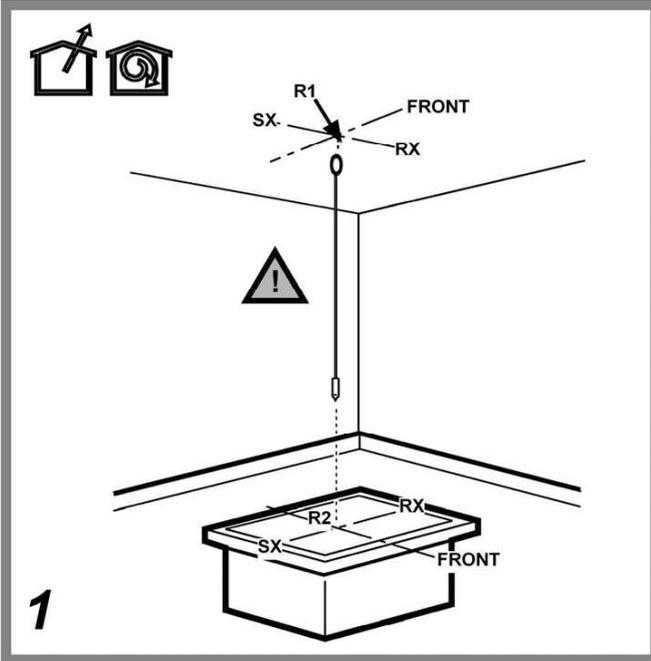
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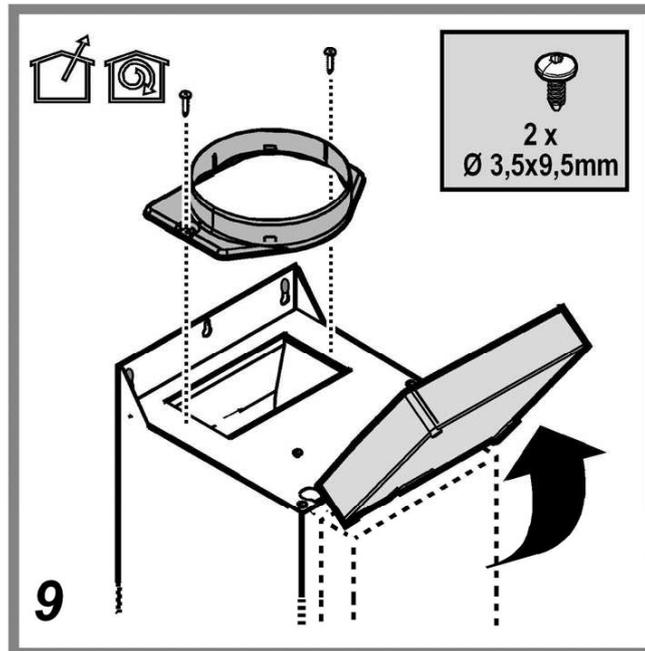
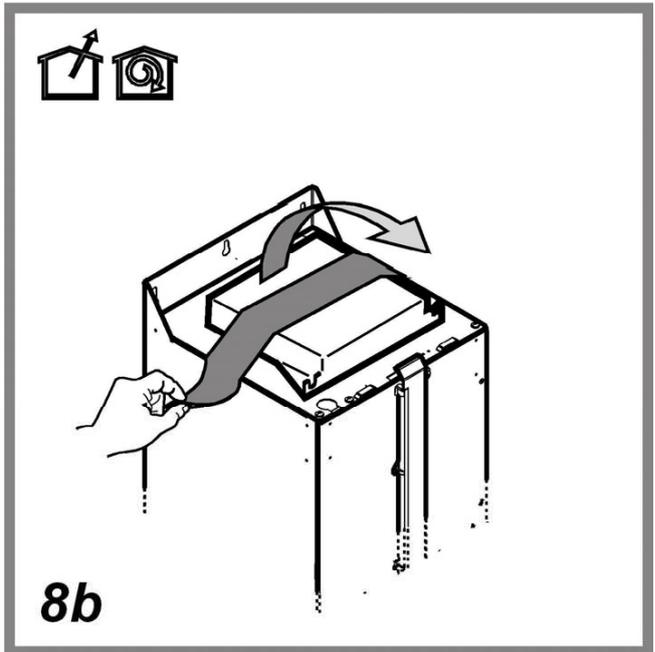
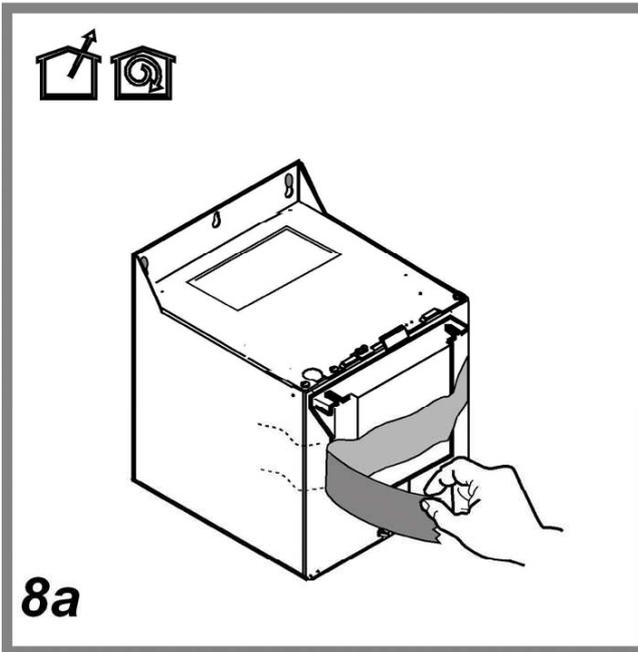
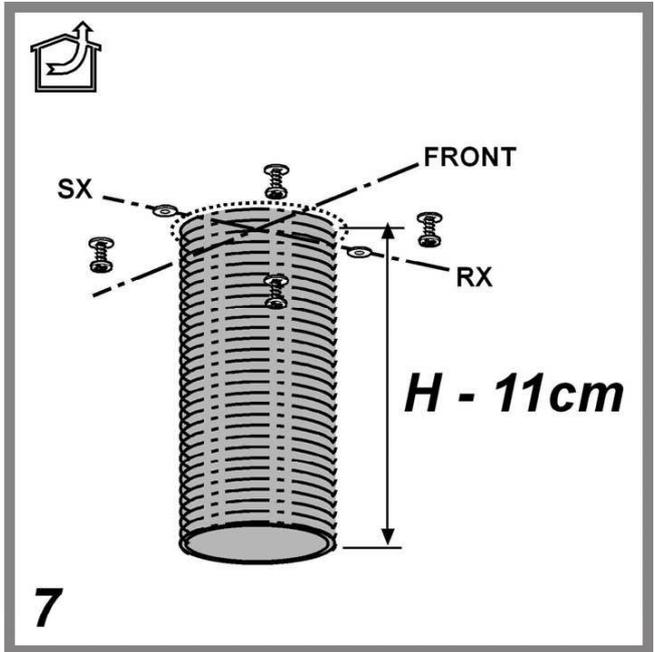
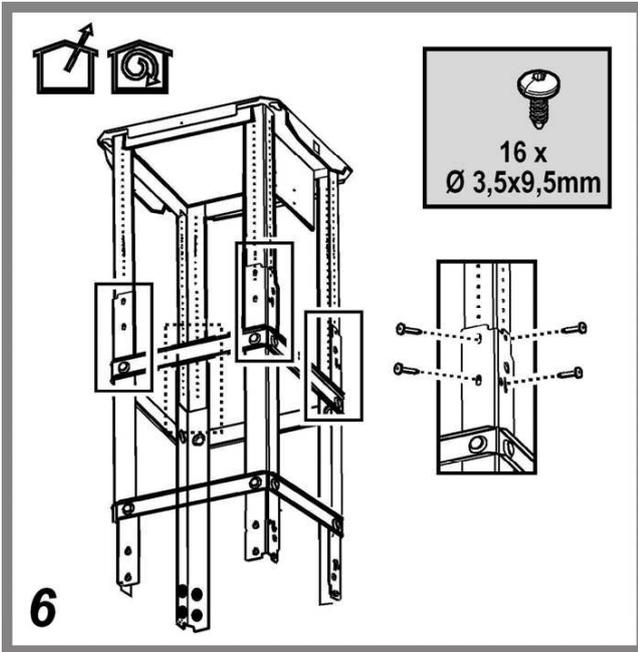
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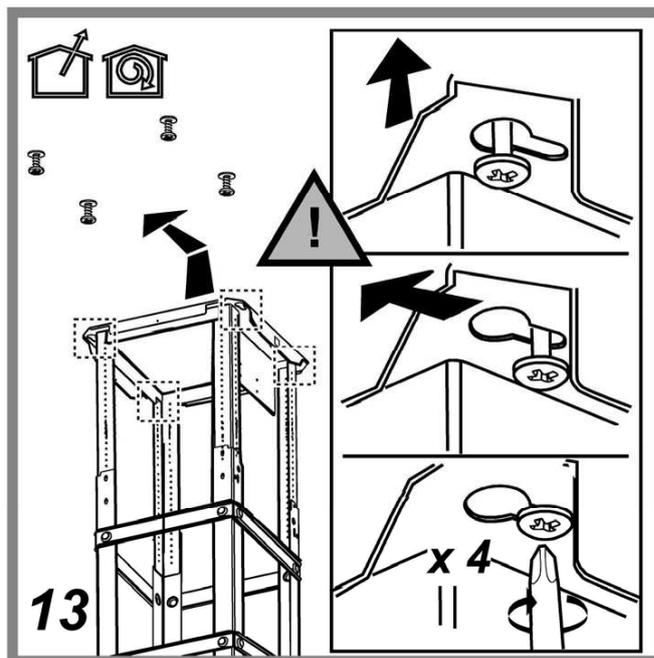
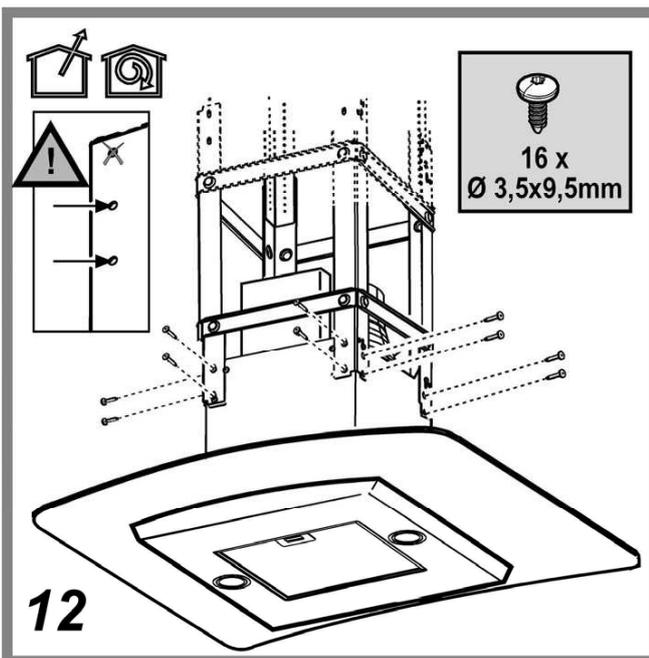
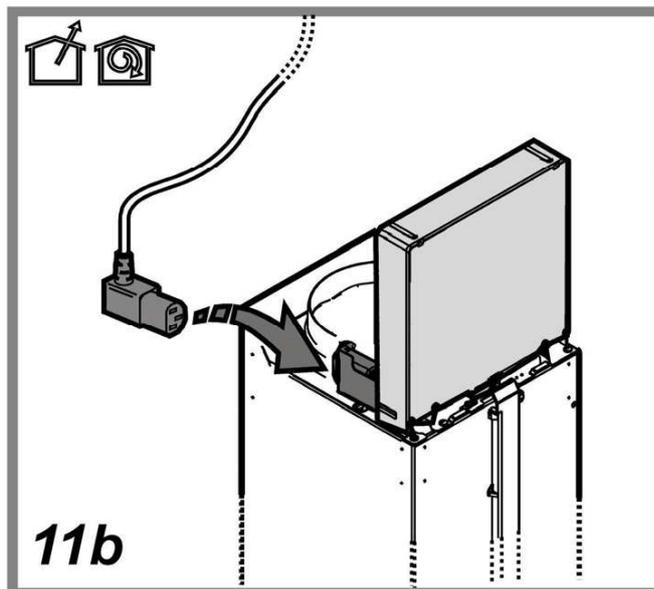
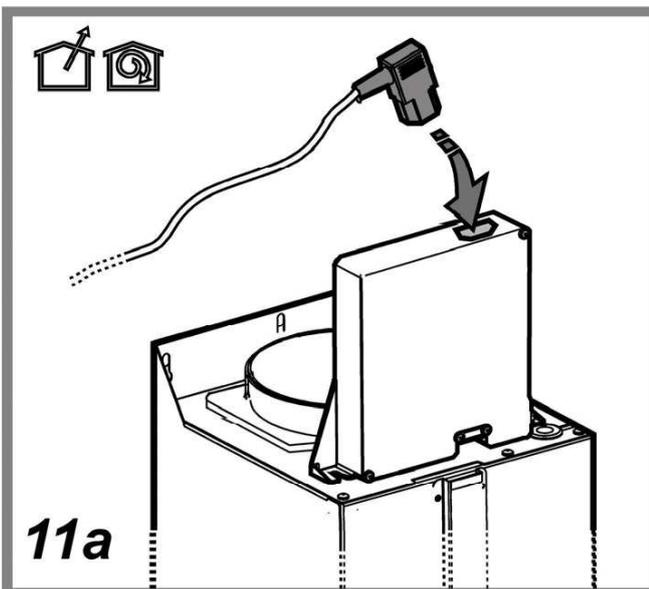
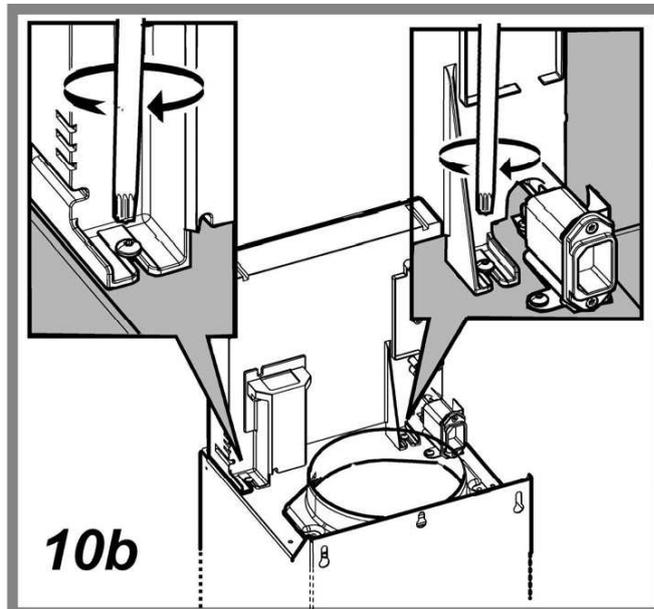
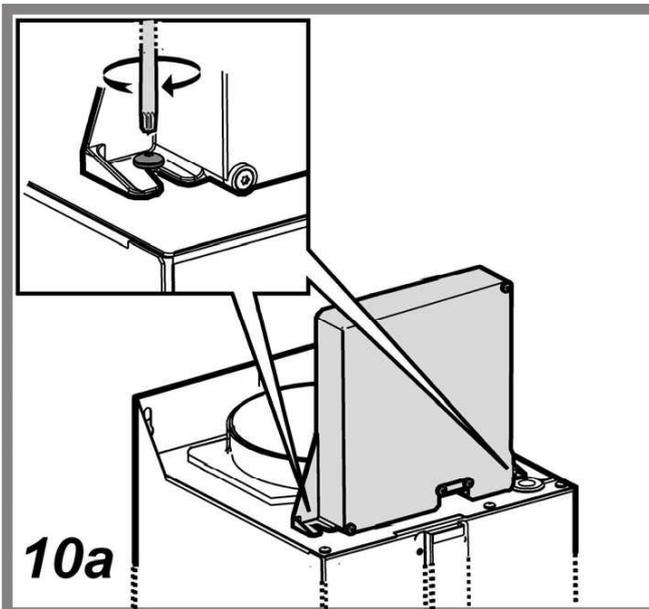
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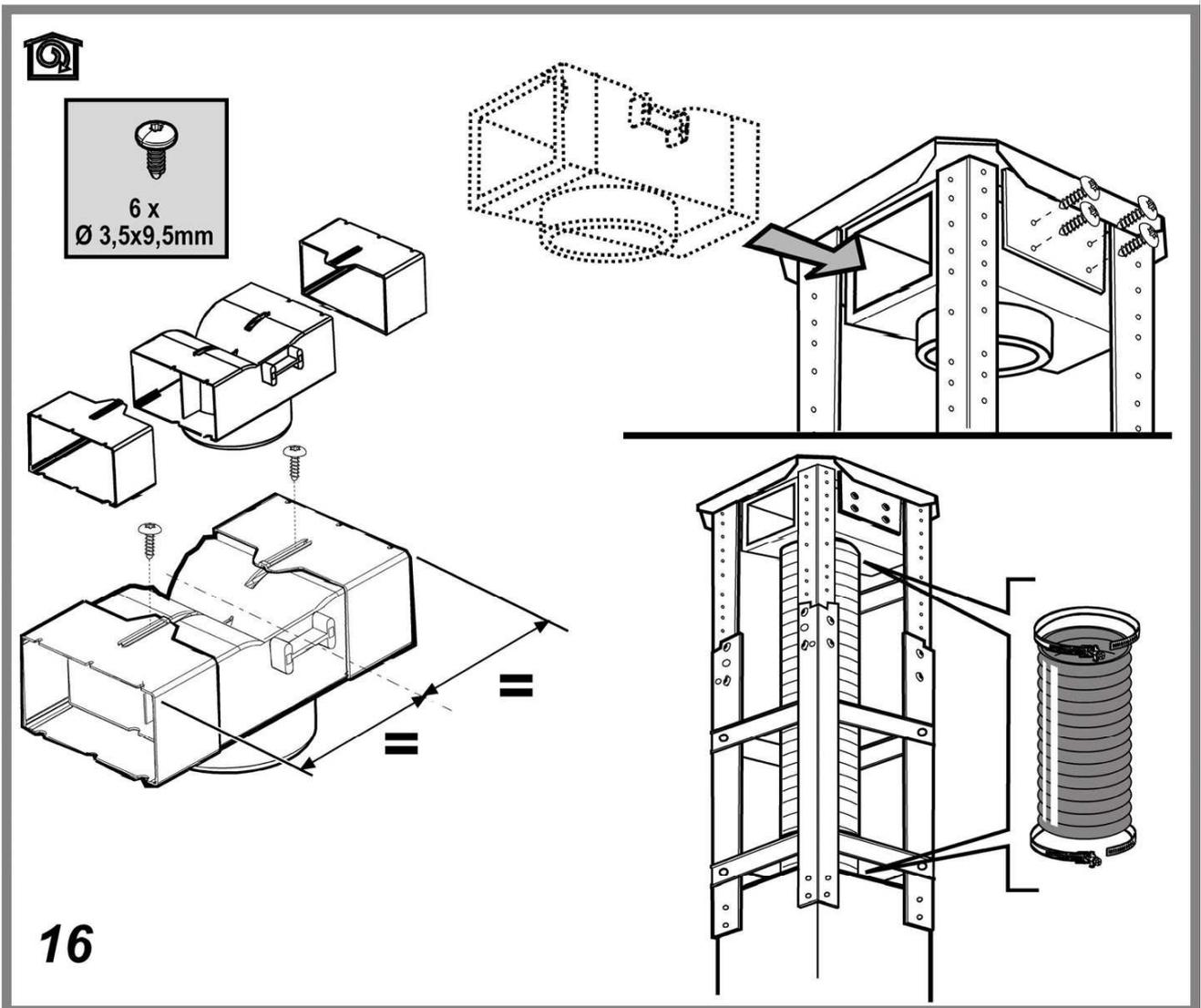
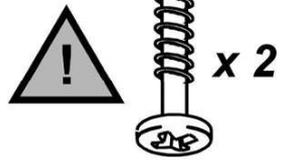
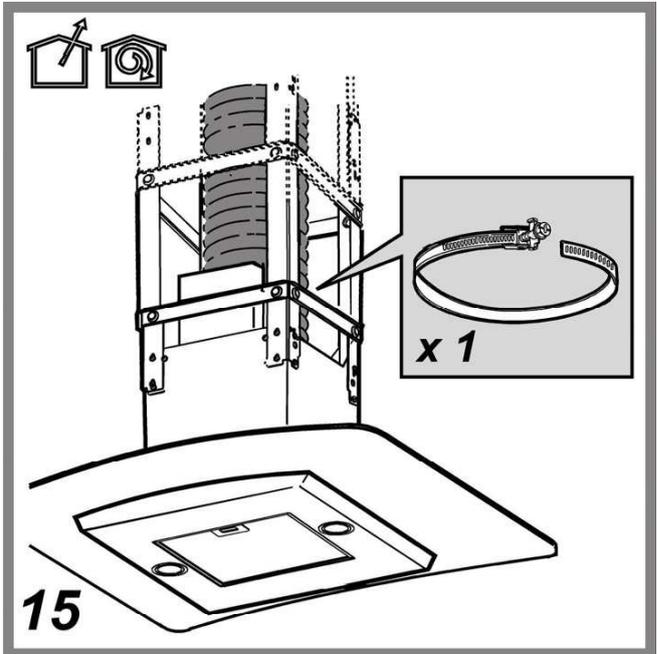
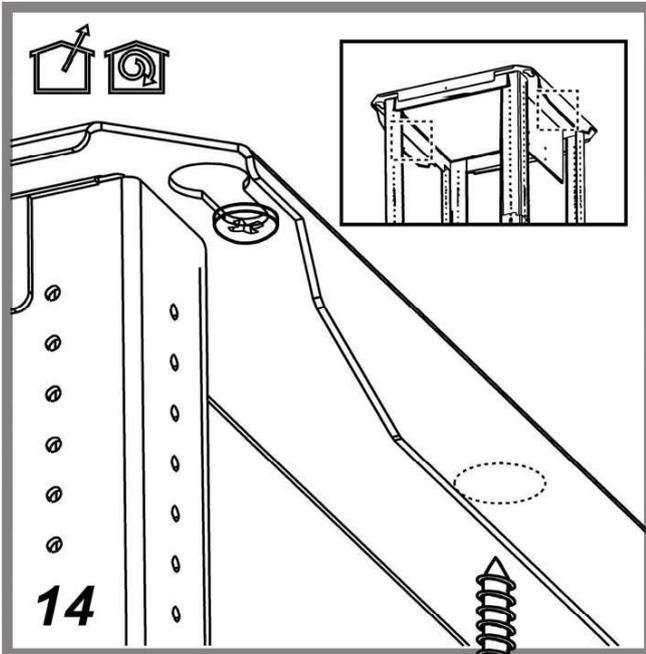
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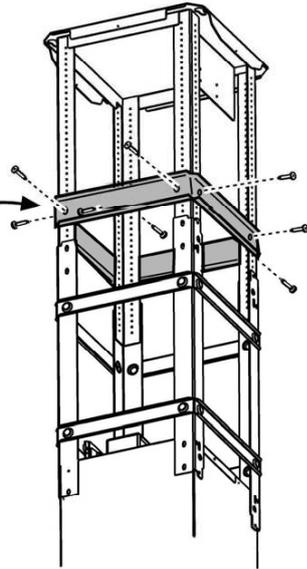
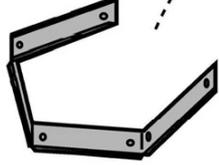




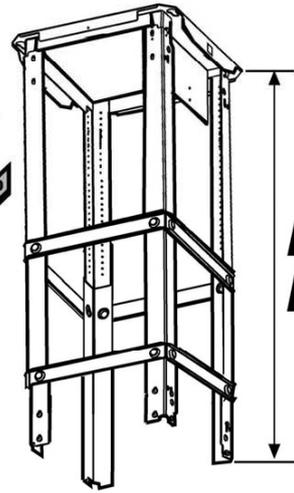
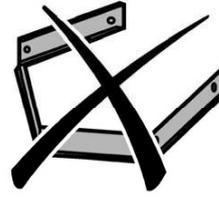








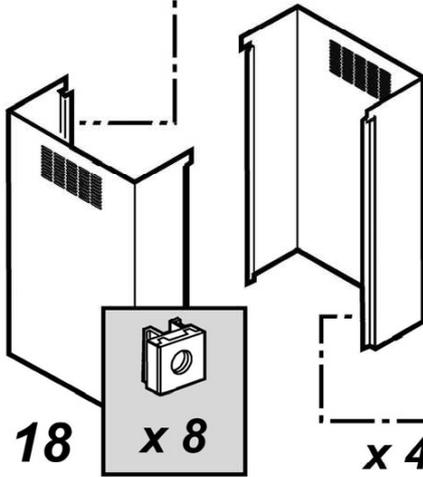
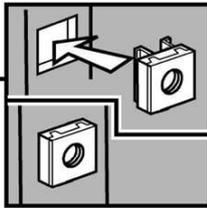
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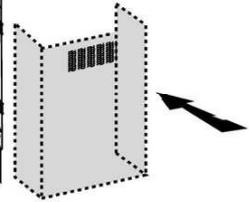
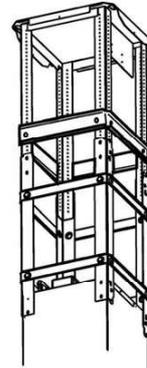
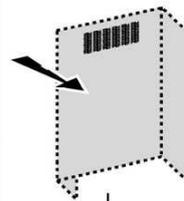
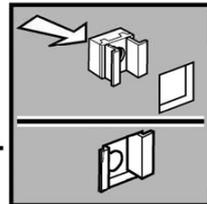
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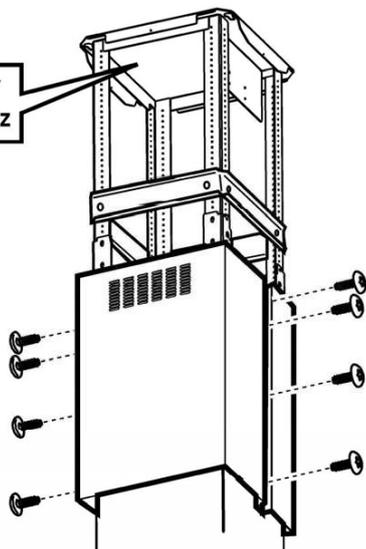
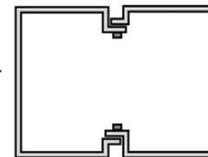
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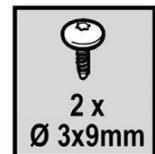
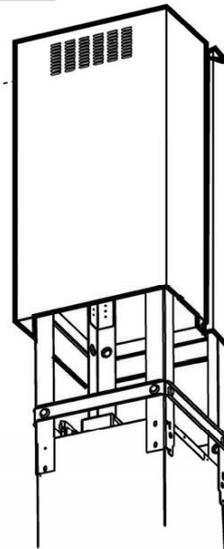
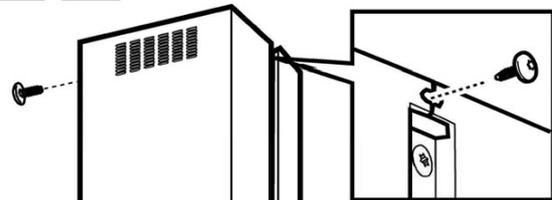
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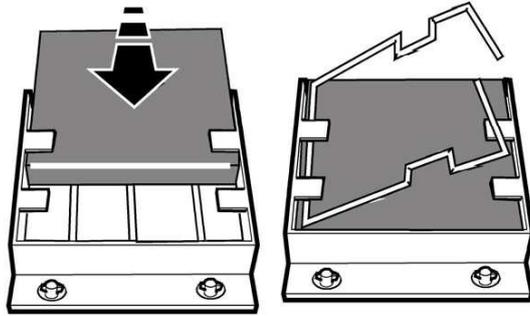
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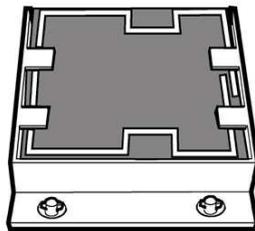


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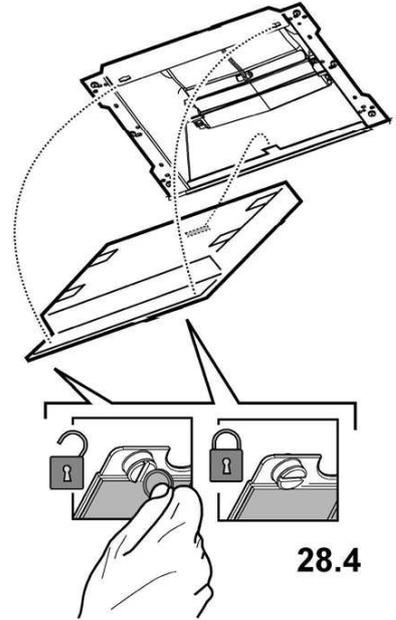


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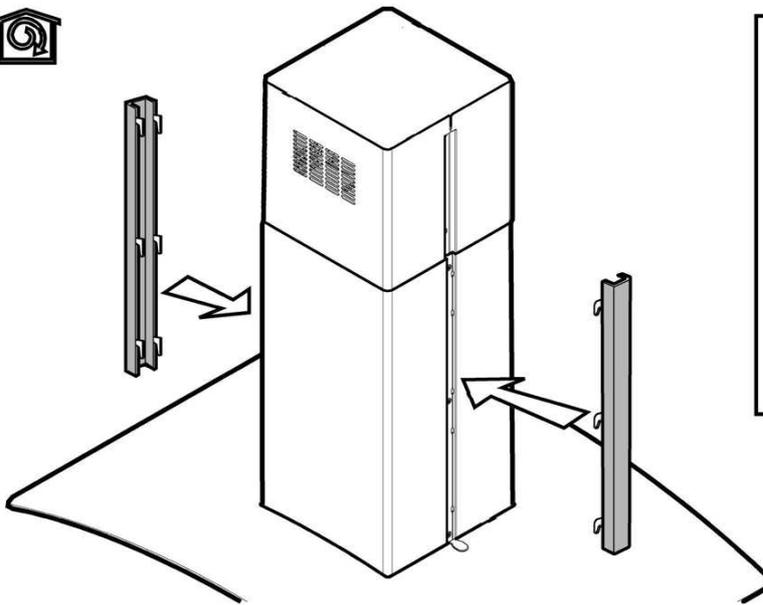


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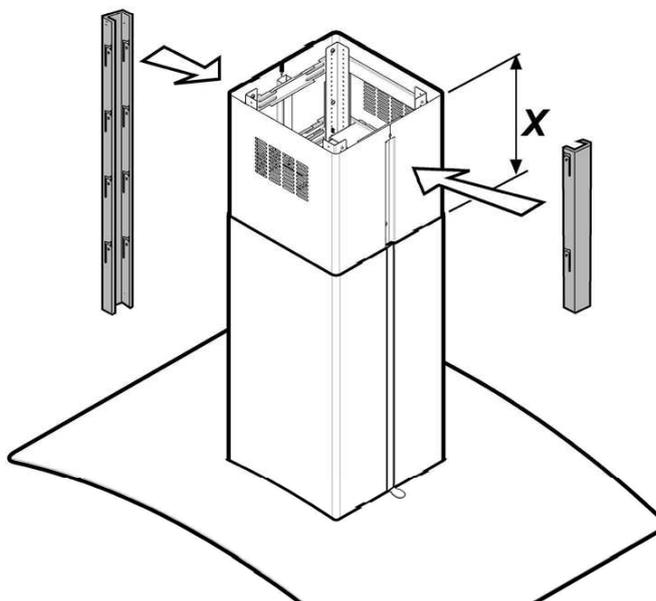
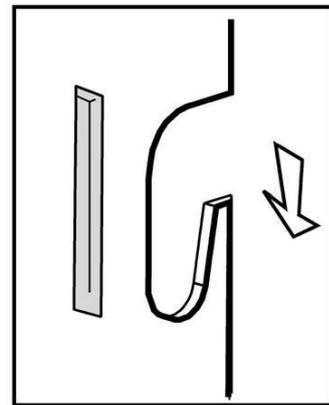


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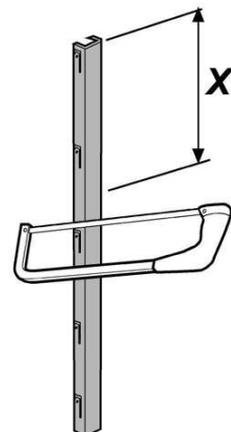
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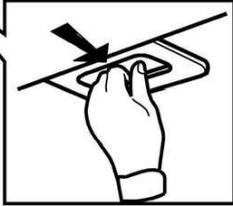
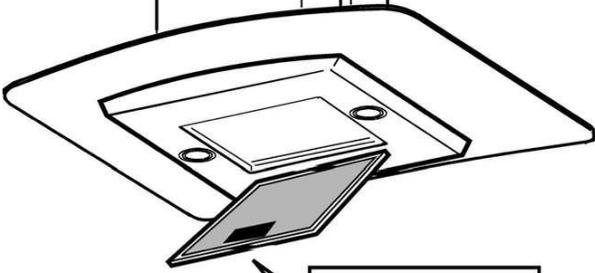


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EN - Instruction on mounting and use

Closely follow the instructions set out in this manual. All responsibility, for any eventual inconveniences, damages or fires caused by not complying with the instructions in this manual, is declined. The hood is conceived for the suction of cooking fumes and steam and is destined only for domestic use.

The hood can look different to that illustrated in the drawings in this booklet. The instructions for use, maintenance and installation, however, remain the same.

- ! It is important to conserve this booklet for consultation at any moment. In the case of sale, cession or move, make sure it is together with the product.
- ! Read the instructions carefully: there is important information about installation, use and safety.
- ! Do not carry out electrical or mechanical variations on the product or on the discharge conduits.
- ! Before proceeding with the installation of the appliance verify that there are no damaged all components. Otherwise contact your dealer and do not proceed with the installation.

Note: the elements marked with the symbol “(*)” are optional accessories supplied only with some models or elements to purchase, not supplied.



Caution

WARNING! Do not connect the appliance to the mains until the installation is fully complete.

Before any cleaning or maintenance operation, disconnect hood from the mains by removing the plug or disconnecting the mains electrical supply.

Always wear work gloves for all installation and maintenance operations.

The appliance is not intended for use by children or persons with impaired physical, sensorial or mental faculties, or if lacking in experience or knowledge, unless they are under supervision or have been trained in the use of the appliance by a person responsible for their safety.

This appliance is designed to be operated by adults, children should be monitored to ensure that they do not play with the appliance.

This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the appliance.

Never use the hood without effectively mounted grating!

The hood must NEVER be used as a support surface unless specifically indicated.

The premises where the appliance is installed must be sufficiently ventilated, when the kitchen hood is used together with other gas combustion devices or other fuels.

The ducting system for this appliance must not be connected to any existing ventilation system which is being used for any other purpose such as discharging exhaust fumes from appliances burning gas or other fuels.

The flaming of foods beneath the hood itself is severely prohibited.

The use of exposed flames is detrimental to the filters and may cause a fire risk, and must therefore be avoided in all circumstances.

Any frying must be done with care in order to make sure that the oil does not overheat and ignite.

Accessible parts of the hood may become hot when used with cooking appliance.

With regards to the technical and safety measures to be adopted for fume discharging it is important to closely follow the regulations provided by the local authorities.

The hood must be regularly cleaned on both the inside and outside (AT LEAST ONCE A MONTH).

This must be completed in accordance with the maintenance instructions provided in this manual). Failure to follow the instructions provided in this user guide regarding the cleaning of the hood and filters will lead to the risk of fires.

Do not use or leave the hood without the lamp correctly mounted due to the possible risk of electric shocks.

We will not accept any responsibility for any faults, damage or fires caused to the appliance as a result of the non-observance of the instructions included in this manual.

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 should be taken to the appropriate 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 further detailed information regarding the process, collection and recycling of this product, please contact the appropriate department of your local authorities or the local department for household waste or the shop where you purchased this product.

Additional Installation Specifications:

Use only the fixing screws supplied with the product for installation or, if not supplied, purchase the correct screws type.

Use the correct length for the screws which are identified in the Installation Guide.

In case of doubt, consult an authorised service assistance centre or similar qualified person.

WARNING! Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards.

Use

The hood is designed to be used either for exhausting or filter version.



Ducting version

In this case the fumes are conveyed outside of the building by means of a special pipe connected with the connection ring located on top of the hood.

Attention! The exhausting pipe is not supplied and must be purchased apart.

Diameter of the exhausting pipe must be equal to that of the connection ring.

In the horizontal runs the exhausting pipe must be slightly slanted (about 10°) and directed upwards to vent the air easily from the room to the outside.

Attention! If the hood is supplied with active charcoal filter, then it must be removed.

Connect the hood and discharge holes on the walls with a diameter equivalent to the air outlet (connection flange).

Using the tubes and discharge holes on walls with smaller dimensions will cause a diminution of the suction performance and a drastic increase in noise.

Any responsibility in the matter is therefore declined.

! Use a duct of the minimum indispensable length.

! Use a duct with as few elbows as possible (maximum elbow angle: 90°).

! Avoid drastic changes in the duct cross-section.

! Use a duct as smooth as possible inside.

! The duct must be made of certified material.



Filter version

One active charcoal filter is needed for this and can be obtained from your usual retailer.

The filter removes the grease and smells from the extracted air before sending it back into the room through the upper outlet grid.

The models with no suction motor only operate in ducting mode, and must be connected to an external suction device (not supplied).

The connecting instructions are supplied with the peripheral suction unit.

Installation

The minimum distance between the supporting surface for the cooking equipment on the hob and the lowest part of the range hood must be not less than 50cm from electric cookers and 65cm from gas or mixed cookers.

If the instructions for installation for the gas hob specify a greater distance, this must be adhered to.



Electrical connection

The mains power supply must correspond to the rating indicated on the plate situated inside the hood. If provided with a plug connect the hood to a socket in compliance with current regulations and positioned in an accessible area, after installation. If it not fitted with a plug (direct mains connection) or if the plug is not located in an accessible area, after installation, apply a double pole switch in accordance with standards which assures the complete disconnection of the mains under conditions relating to over-current category III, in accordance with installation instructions.

Warning! Before re-connecting the hood circuit to the mains supply and checking the efficient function, always check that the mains cable is correctly assembled.

The hood is provided with a special power cable ; if the cable is damaged, request a new one from Technical Service.

Mounting

This type of cooker hood must be fixed to the ceiling.

Very heavy product; hood handling and installation must be carried out by at least two persons.

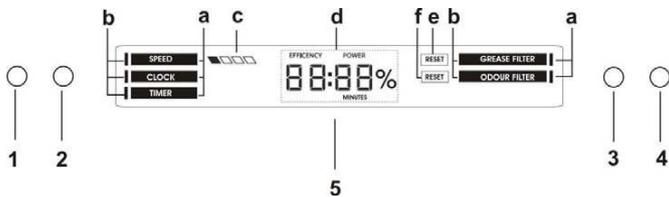
Before beginning installation:

- Check that the product purchased is of a suitable size for the chosen installation area.
- Remove the charcoal (*) filter/s if supplied (see also relative paragraph). This/these is/are to be mounted only if you want to use the hood in the filtering version.
- Check (for transport reasons) that there is no other supplied material inside the hood (e.g. packets with screws (*), guarantees (*), etc.), eventually removing them and keeping them.
- If possible, disconnect and move freestanding or slide-in range from cabinet opening to provide easier access to rear wall/ceiling. Otherwise put a thick, protective covering over countertop, cooktop or range to protect from damage and debris. Select a flat surface for assembling the unit. Cover that surface with a protective covering and place all canopy hood parts and hardware in it.
- In addition check whether near the installation area of the hood (in the area accessible also with the hood mounted) an electric socket is available and it is possible to connect a fumes discharge device to the outside (only suction version).
- Carry out all the masonry work necessary (e.g. installation of an electric socket and/or a hole for the passage of the discharge tube).

Expansion wall plugs are provided to secure the hood to most types of walls/ceilings. However, a qualified technician must verify suitability of the materials in accordance with the type of wall/ceiling. The wall/ceiling must be strong enough to take the weight of the hood. **Do not tile, grout or silicone this appliance to the wall. Surface mounting only.**

Operation

Use the high suction speed in cases of concentrated kitchen vapours. It is recommended that the cooker hood suction is switched on for 5 minutes prior to cooking and to leave in operation during cooking and for another 15 minutes approximately after terminating cooking.



1 = ON/OFF – Speed increase

2 = Lights ON/OFF

3 = Selection of the desired function

4 = Setting the function in use

5 = The display shows:

a – list of available functions

b – indicator of the function currently in use

c – indicator of the speed in use

d – clock / data related to the function in use

e – saturation of the anti-grease filter

f – saturation of the carbon anti-odour filter

Available functions

SPEED

Switch on/Speed increase:

- press button 1 to switch on the hood

- press button 1 to go to the next speeds, until the hood is switched off

The extraction speed is shown on the display (c), in the following manner:

■ □ □ □	1st speed	performance 40% ***
■ ■ □ □	2nd speed	performance 60% ***
■ ■ ■ □	3rd speed	performance 80% ***
■ ■ ■ ■	high speed	performance 100% ***
□ □ □ □	OFF	

*** the percentage displayed refers to the indicative value of the performance

The high speed is timed for 10 minutes; to interrupt the timing and switch off the hood press button 1.

NB= the speed might increase automatically during use, this is because the control is fitted with a system that protects the display in case of overtemperatures.

CLOCK

To set the clock:

- press button 3 until moving the indicator(b) on function "CLOCK"

- press button 4 to access clock setting

- keep button 4 **pressed**:

- keeping it pressed for one second increases the time by one minute
- after 10 seconds, each second it is pressed increases the time by 10 minutes

To store the set time:

- press button 3

TIMER

Stopwatch Function

- press button 3 until moving the indicator(b) on the "TIMER" function

- press button 4 to access timer setting

- **to start the stopwatch:** simultaneously press button 3 and button 4, for 5 seconds

- **to stop the stopwatch:** simultaneously press button 3 and button 4, for 5 seconds

Note= after 60 minutes the stopwatch stops automatically

"Countdown" Function

- press button 3 until moving the indicator(b) on the "TIMER" function

- press button 4 to access timer setting

To set the "Countdown" timer:

- keep button 4 **pressed**:

- keeping it pressed for one second increases the timer by one minute
- after 10 seconds, each second it is pressed increases the timer by 5 minutes

To save the "Countdown" timer

- press button 3

The Timer indicator(b) will start flashing to indicate the start of the "Countdown"

When the "Countdown" reaches "0:00" the motor is switched off

Note = to set a new timer, button 4 must be pressed until the indication "0:00" is displayed again

Note = the maximum countdown setting time is 60 minutes

GREASE FILTER

Display percentage of utilisation:

- press button **3** until moving the indicator(b) on the "GREASE FILTER" function
- press button **4** to display the percentage of utilisation of the grease filter

Grease filter reset warning

The grease filter warning is displayed after 40 hours of utilisation with the wording "RESET"(e) next to the "GREASE FILTER" function

When this warning is displayed the grease filter must be washed.

After performing maintenance:

- press button **3** until moving the indicator(b) on the "GREASE FILTER" function
- press button **4**, for 5 seconds, to disable the warning and restart the grease filter efficiency percentage counting.

ODOUR FILTER

Display percentage of utilisation:

- press button **3** until moving the indicator(b) on the "ODOUR FILTER" function
- press button **4** to display the percentage of utilisation of the carbon anti-odour filter

Carbon anti-odour filter reset warning

The carbon anti-odour filter warning is displayed after 160 hours of utilisation with the wording "RESET"(f) next to the "ODOUR FILTER" function

When this warning is displayed the carbon anti-odour filter must be washed or replaced (depending on the model you have)

After performing maintenance:

- press button **3** until moving the indicator(b) on the "ODOUR FILTER" function
- press button **4**, for 5 seconds, to disable the warning and restart the carbon anti-odour filter efficiency percentage counting.

Maintenance

ATTENTION! Before performing any maintenance operation, isolate the hood from the electrical supply by switching off at the connector and removing the connector fuse.

Or if the appliance has been connected through a plug and socket, then the plug must be removed from the socket.

Cleaning

The cooker hood should be cleaned regularly (at least with the same frequency with which you carry out maintenance of the fat filters) internally and externally. Clean using the cloth dampened with neutral liquid detergent. Do not use abrasive products. **DO NOT USE ALCOHOL!**

WARNING: Failure to carry out the basic cleaning recommendations of the cooker hood and replacement of the filters may cause fire risks.

Therefore, we recommend observing these instructions.

The manufacturer declines all responsibility for any damage to the motor or any fire damage linked to inappropriate maintenance or failure to observe the above safety recommendations.

Grease filter

Fig. 26-31

Traps cooking grease particles.

This must be cleaned once a month (or when the filter saturation indication system – if envisaged on the model in possession – indicates this necessity) using non aggressive detergents, either by hand or in the dishwasher, which must be set to a low temperature and a short cycle.

When washed in a dishwasher, the grease filter may discolour slightly, but this does not affect its filtering capacity.

To remove the grease filter, pull the spring release handle.

Charcoal filter (filter version only)

Fig. 28

It absorbs unpleasant odours caused by cooking.

The activated charcoal filter can be one of these types:

- **Washable activated charcoal filter.**
- **NON-washable activated charcoal filter.**

Washable activated charcoal filter

The charcoal filter can be washed once every two months using hot water and a suitable detergent, or in a dishwasher at 65°C (if the dishwasher is used, select the full cycle function and leave dishes out).

Eliminate excess water without damaging the filter, then remove the mattress located inside the plastic frame and put it in the oven for 10 minutes at 100° C to dry completely. Replace the mattress every 3 years and when the cloth is damaged.

NON-washable activated charcoal filter

The saturation of the **charcoal filter** occurs after more or less prolonged use, depending on the type of cooking and the regularity of cleaning of the grease filter.

In any case it is necessary to replace the cartridge at least every four months.

The charcoal filter may NOT be washed or regenerated.

Assembly

Hook the charcoal filter at the back on the metal tongue of the hood first, then on the front with the two knobs.

Disassembly

Remove the charcoal filter by turning the knobs fixing it to the hood by 90°.

Replacing lamps

The hood is equipped with a lighting system based on LED technology.

The LEDs guarantee an optimum lighting, a duration up to 10 times as long as the traditional lamps and allow to save 90% electrical energy.

For replacement, contact the technical service.

