

7.0 SPARE PARTS (continued)

ELEMENT	IDENTITY	REPLACEMENT
Filter	Remove from the hood and check the dimensions.	Take the filter out of the guides, and put a new one in.
Regulator	Remove from the seating	<ol style="list-style-type: none"> 1. Remove the regulator's front guard. 2. Slacken the cable clamps. 3. Remove the regulator and replace with a new one. <p><u>Warning! Check that the power supply is off.</u></p>

HOODS

INSTALLATION, USE, AND MAINTENANCE MANUAL

PLEASE NOTE

- This instruction manual is an integral part of the equipment and must be available to the operators at all times, for any type of consultation.
- Read the safety, installation, use and maintenance information in this manual carefully, before carrying out any tasks.
- The equipment must only be used for the purpose for which it is designed, and only by trained personnel.
- Installation, maintenance and repairs are only to be done by an authorised technical service centre, or by professionally qualified people, in conformity to the current norms and according to the instructions given by the manufacturer. (Always use original spare parts).
- The Manufacturer does not accept any responsibility for direct or indirect damaged caused by incorrect installation, tampering, poor maintenance, or improper use, or if the norms contained in this instruction manual are not observed.

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1.0 DESCRIPTION AND CHARACTERISTICS

1.1 General

These extraction hoods are intended to be used for extraction and purification of air, using filters.

The structure of the hood, the upper panels, and the labyrinth type filters, are made entirely of AISI 304 type 18/10 stainless steel.

The plating is satin finished by means of a Scotch-Brite® technique, and are protected by PVC film. Assembly is done by spot welding, and the internal parts are bent to form a non-cut edge.

The grease filters can be taken out and are housed in the grease collection channel, which is suitably shaped.

The internal profile of the hood is shaped to collect condensate and taken it to the drain tap.

The extraction unit is fitted in the hood's structure. It has the motor built into the fan and is a compact, silent and high performance unit that uses a 230/1/50 power supply.

The speed variation unit allows excellent control of the extraction unit's performance.

The lighting system uses 230V - 50 Hz fluorescent lamps, that are 20 and 40W each.

1.2 Identity plate

The identity place, with the CE mark, is supplied along with the declaration of conformity, and bears the equipment's data and serial number.

1.3 Supply description

The supply consists of a self-supporting structure, complete with a closing damper at the top.

The supply also includes:

Grease filter Fan (by request)

Airtight light (by request)

Electronic fan speed regulator (by request)

1.4 Packaging

For handling, the hood is protected by packaging with a wooden crate. This packaging must be disposed of respecting the environment and according to the current norms.

6.0 TROUBLESHOOTING GUIDE

TYPE OF FAULT	POSSIBLE CAUSE	SOLUTIONS
<i>The hood does not extract air.</i>	<i>Command and control systems outside the hood are defective.</i>	<i>Check that the individual devices are working correctly.</i>
	<i>Motor wiring incorrect.</i>	<i>Reinstate wiring correctly.</i>
	<i>Motor burnt out.</i>	<i>Replace with a spare part.</i>
	<i>Fan blocked by a foreign body.</i>	<i>Remove the foreign body using a suitable tool, and check that there are no abnormal vibrations and/or noises.</i>
	<i>Filters clogged.</i>	<i>Remove the filters, clean them and put the back in the hood.</i>
<i>Airtight lamp not working.</i>	<i>Command and control systems outside the hood are defective.</i>	<i>Check that the individual devices are working correctly.</i>
	<i>Lamp wiring incorrect.</i>	<i>Reinstate wiring correctly.</i>
	<i>Lamp reactor faulty</i>	<i>Replace the lamp reactor</i>
<i>The fan stops and then starts again on its own.</i>	<i>The motor's absorption is faulty.</i>	<i>Insert the calibration damper in the expulsion flue. Contact our technical department</i>

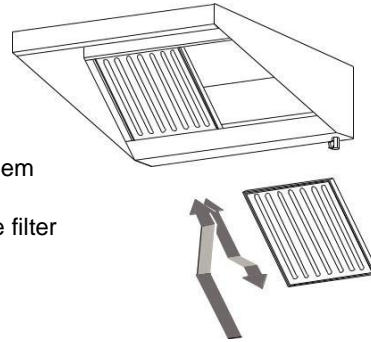
7.0 SPARE PARTS

ELEMENT	IDENTITY	REPLACEMENT
<i>Filter</i>	<i>Remove from the hood and check the dimensions.</i>	<i>Take the filter out of the guides, and put a new one in.</i>
<i>Fan</i>	<i>Read the data plate located on the side of the fan.</i>	<ol style="list-style-type: none"> <i>Remove the filters to get to the fan.</i> <i>Disconnect the electric wiring.</i> <i>Unscrew the four fixing nuts for the fan.</i> <p><i>Warning! Check that the power supply is off.</i></p>
<i>Lamp.</i>	<p><i>Check the length.</i></p> <p><i>L. 130cm = 40W</i></p> <p><i>L. 63cm = 20W</i></p>	<ol style="list-style-type: none"> <i>Unscrew the two ring nuts at the opposite ends of the polycarbonate protective tube, rotate the neon tube through 90° and remove it from the seatings. Remove the neon tube from the polycarbonate protection tube, and replace it.</i> <i>Remove the neon tube from the polycarbonate protection tube, and replace it.</i> <p><i>Warning! Check that the power supply is off.</i></p>

5.0 ROUTINE HOOD MAINTENANCE

5.1 Removing the filters

The filters are removed by gripping them and sliding them upwards, so that they come out of the lower guide. To free the filter completely, rotate the lower part of the filter slightly outwards. Refit by applying these steps in reverse order.



5.2.1 Hood maintenance plan

ELEMENT	INSPECTION	FREQUENCY	ACTION	METHOD
Metal structure	Visually	Depending on use	Clean using a soft cloth, soaked in alkaline detergent. Use a plastic or wooden scraper to remove an encrustation.	
Grease filters	Visually	At least once a week	Clean by soaking in hot water or dishwasher using alkaline detergent and, if necessary, remove encrustation using a soft brush.	Remove the filters from the channel
Fan	Visually	At least once a month.	Clean using alkaline detergent.	Remove the protective meshes and work through the circular openings in the side of the fan.
Drainage of grease	Periodic	At least once a week	Discharge grease	Open the drain tap located below the hood.

2.0 SAFETY MEASURES

Information for the operator on the safety measures to apply, in order to ensure the safety of people and integrity of the hood.

2.1 Instructions for the installer

The company that does the installation must be authorised according to current norms. The hood must not be installed in a corrosive or explosive environment.

If motorised hoods are involved, install a disconnecting switch on the electricity supply. Do not switch the hood on until it has been earthed.

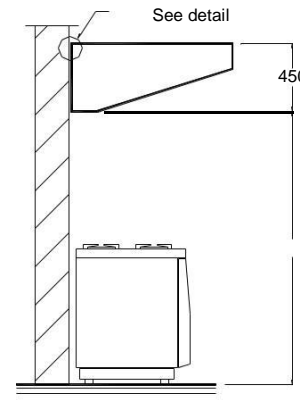
2.2 Instructions for the user

Those using the hood described in this manual are not exposed to particular dangers, as the command operations are down in an area that is not dangerous.

2.3 Instructions for maintenance staff

Before doing any type of maintenance, disconnect the hood from the electricity supply by means of the power supply disconnecting switch.

3.0 INSTALLATION INSTRUCTIONS



INSTRUCTIONS

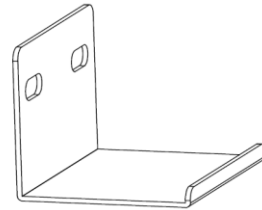
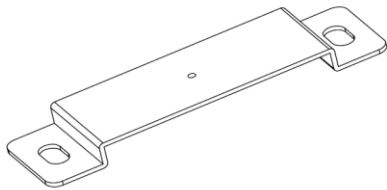
- Position the hood above the equipment for which it is to be used.
- The outside dimensions of the hood must be 20 - 40 centimetres bigger on each side than the equipment.
- The height above the floor must be between 1900 and 2000 millimetres and, in any case, the maximum distance between the cooking top and the lowest part of the hood must be 1000 mm.
- The hood discharge duct must lead into a fume flue that is used only for the hood and conforms to the current norms.

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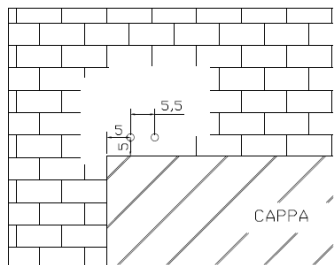
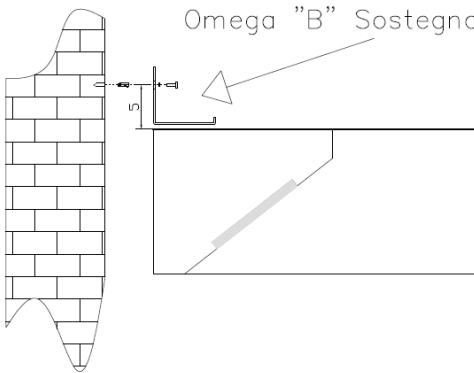
3.1 How to wall mount the hood using brackets (optional)

Omega "A" Sostegno cappa

Omega "B" Sostegno muro



Omega "B" Sostegno muro



INSTRUCTIONS

- Fix slot "A" to the hood, removing the knock-outs.
- Position slot "B" on the hood and take the measurements for the holes in the wall.
- Drill the holes in the wall, and fix slot "B".
- Fix the hood permanently.

PLEASE NOTE

Check that the walls are able to support the weight of the hood, if not do the necessary building works. Distribute the weight of the hood evenly between all the anchors.

OPERATING INSTRUCTIONS

Push the start button. This starts the extractor at the maximum speed set, indicated by the figure "9" on the display. After about 8 seconds the speed changes to the value set the previous time the extractor was on.

If necessary, at this stage the + and - buttons can be used to vary the extractor's speed. Once the extractor has been running for 20 seconds, the gas valve is opened (if connected up).

CHANGING THE OPERATING PARAMETERS

To change the regulator's operating parameters, use the relevant manual (by request).

WARNINGS AND USAGE LIMITS

- Check that the power supply data and the load to be applied, are within the parameters indicator on the regulator's data plate.
- Make sure that the connection clamp screws are tight.
- Check that the screws that close the box and the cable glands are properly tight.
- Usage limits: max. temperature 70°C – We recommend refraining from locating Fry Tops / TPs / Lava Stone units below the left side of the hood.

PLEASE NOTE

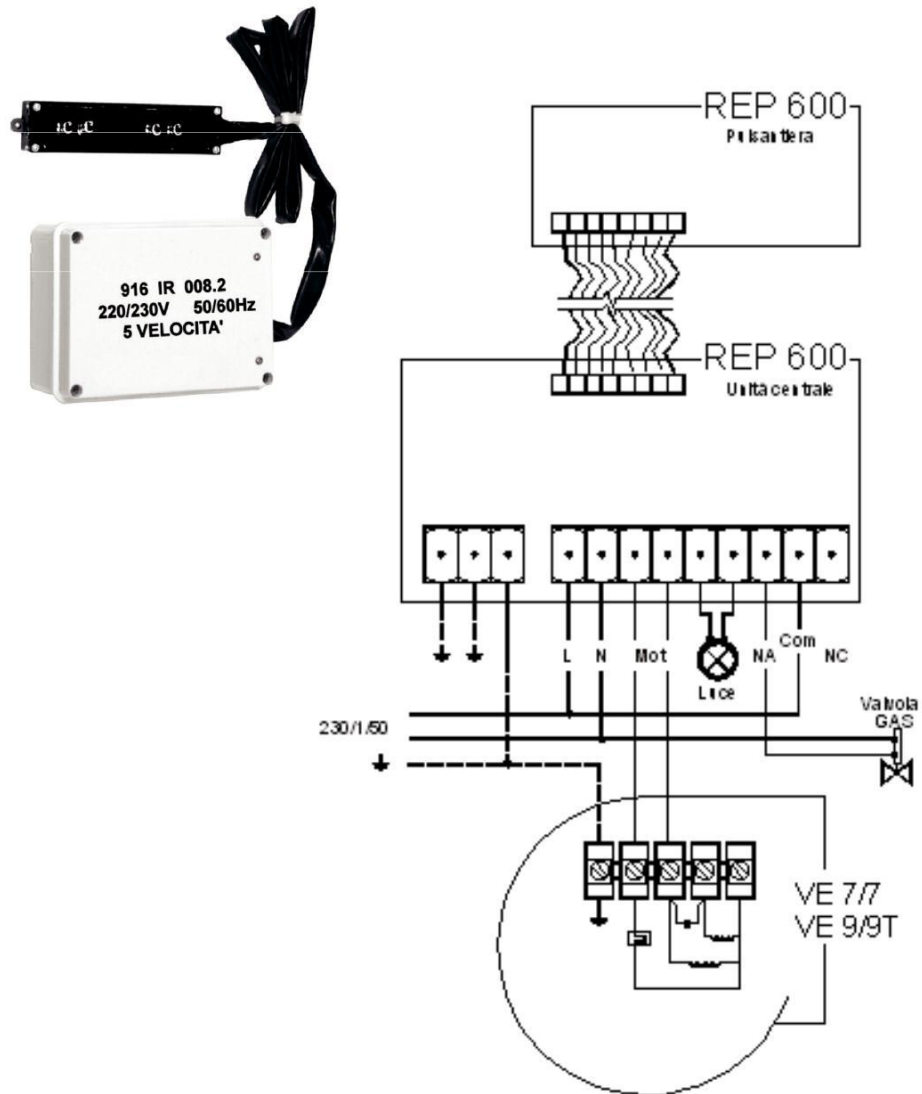
- PUTTING A TWO-POLE SAFETY SWITCH UPSTREAM OF THE REGULATOR IS OBLIGATORY.
- INSTALLATION MUST BE DONE BY PROFESSIONALLY QUALIFIED PERSONNEL IN THE ELECTRICAL COMPONENTS SECTOR FOR CIVIL AND INDUSTRIAL USE.
- THIS EQUIPMENT IS ONLY TO BE USED FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY INTENDED.
- THE MANUFACTURER THEREFORE DOES NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGE CAUSED BY IMPROPER USE.
- THIS MANUAL IS AN INTEGRAL AND ESSENTIAL PART OF THE PRODUCT.

STARTING

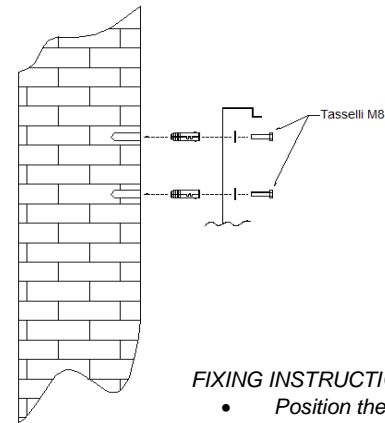
Before starting for the first time:

- Inspect the ELECTRICAL PANEL that powers the motors, and make sure the protective devices are calibrated for the amperage shown on the data plate.
- Check that the MAINS POWER SUPPLY is adequate for the motors, as indicated on their data plates.
- Check that the direction of rotation is as indicated by the arrow on the Archimedes screw.

GENERAL ARRANGEMENT AND CONNECTION DIAGRAM

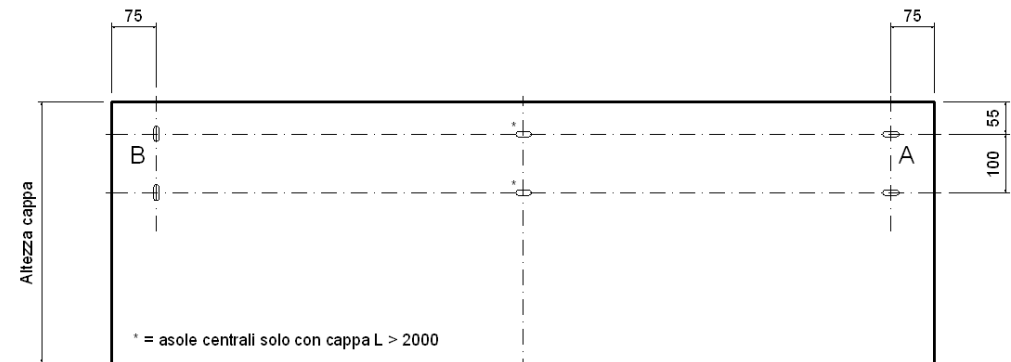


3.2 How to wall mount the hood (standard)

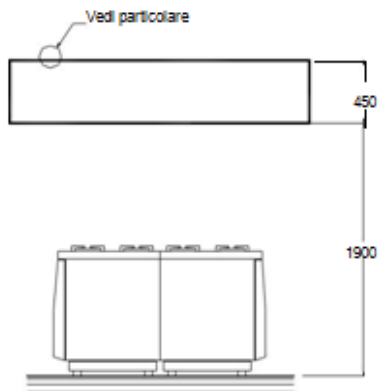


FIXING INSTRUCTIONS

- Position the hood on the wall (Fig.A)
- Mark the horizontal slots on the wall and drill in the centre (Fig. B)
- Provisionally fix the hood and mark the vertical slots on the wall, and then drill in the centre.
- Fix the hood permanently.



3.3 How to ceiling mount the hood



INSTRUCTIONS:

- Position the hood the equipment for which it is to be used.
- The outside dimensions of the hood must be 20 - 40 centimetres bigger on each side than the equipment.
- The height above the floor must be between 1900 and 2000 millimetres and, in any case, the maximum distance between the cooking top and the lowest part of the hood must be 1000 mm.
- The hood discharge duct must lead into a fume flue that is used only for the hood and conforms to the current norms



INSTRUCTIONS:

- Fix the "S" hooks to the ceiling, using wall anchors and screws.
- Raise the hood to the required height, and hook the support system to the lugs.
- Level the hood by adjusting the tensioners.

PLEASE NOTE:

Check that the ceiling is able to support the weight of the hood, if not do the necessary building works. Distribute the weight of the hood evenly between all the anchors.

Legend

- 1 - Wall anchor (not supplied)
- 2 - "S" hook
- 3 - Tensioner
- 4 - Chain
- 5 - Lug

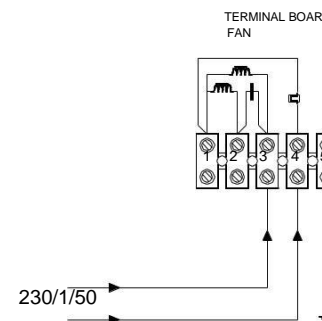
4.0 HOW TO FORM THE ELECTRICAL CONNECTIONS FOR THE FAN

Before beginning to form the connection:

- Inspect the electrical panel and make sure the protective devices are sized for the amperage shown on the data plate.
- Check that the mains power supply is adequate for the motors, as indicated on their data plates.

4.1 Connecting to the mains power supply

The diagram below shows how to connect a single-phase electric fan directly to the electricity supply.



4.2 Connection using a REP 600 electronic regulator

CONTROL PUSHBUTTON PANEL

