MOD : KUP1811

Production code : CP1118BB

12/2025

Diamond

Wall cooker hood "KUBO"

Installation and User Manual

KUP1811

SUMMARY *page .*

ATTENTION :

- *The following instruction manual is an integral and essential part of the equipment and must be kept available to operators for any possible consultation.*
- *Before carrying out any operation, carefully read the information contained in the manual relating to safety, installation, use and maintenance.*
- *The equipment must be used exclusively for the purpose for which it was designed and only by trained persons.*
- *Installation, maintenance, and repairs must be performed exclusively by an authorized service center or professionally qualified personnel, in compliance with current regulations and according to the manufacturer's instructions. (Always use original spare parts.)*
- *The manufacturer declines all responsibility for direct or indirect damages caused by incorrect installation, tampering, poor maintenance, improper use, or failure to follow the instructions in the instruction manual.*

1.0 Description and features

1.1 General information

Extractor hoods are designed to extract and purify air using filters.
The hood structure, the upper panels and the labyrinth filters are made entirely of AISI 304 type 18/10 stainless steel. The sheets are satin-finished with the Scotch-Brite technique.®and protected by a PVC film.
Assembly is done by spot welding or electric welding and the internal parts are completely edged, with an anti-cut profile.
The grease filters are removable and housed in the specially shaped grease collection channel, which is equipped with a grease drain tap. The internal profile of the hood also features a shaped perimeter channel to collect condensation and convey it to the drain tap. The extraction unit, if present, is integrated into the hood structure. It features a motor built into the fan; it is compact, quiet, and high-performance, operating on single-phase 220V-50Hz power.
On request, it is possible to combine it with a variable speed drive which allows for optimal control of the suction unit's performance.
The lighting system includes fluorescent lamps with IP65 protection rating, operating at 220v-50Hz with powers of 20 or 40w each.

1.2 Identification plate

The identification plate with the CE marking is supplied together with the declaration of conformity only for hoods with a built-in fan and contains the data relating to the appliance, which is essential during installation.

1.3 Description of supply

The supply consists of a self-supporting structure, complete with upper closing panels. The supply also includes:
Grease filters
Mounting accessories (wall hoods only) Fan (on request)
Waterproof lamp (on request)
Electronic fan speed regulator (Jolly version only, others on request)

1.4 Packaging

During handling, the hood is protected by cardboard packaging or a wooden crate, depending on its size. The packaging must be disposed of in an environmentally friendly manner and in accordance with current regulations.

2.0 SECURITY MEASURES

This paragraph aims to inform the operator of the safety measures to be adopted in order to guarantee the safety of people and the integrity of the hood.

2.1 Rules for the installer

Electrical wiring must be carried out as the last step in the installation, in the absolute absence of water. The company performing the installation must be certified in accordance with current regulations.
The hood must not be installed in a corrosive or explosive environment.
Install a remote disconnection system outside the hood (ON/OFF switch or similar, not supplied by us) in the immediate vicinity.

Do not operate the hood before connecting it to the earthing system.

2.2 User regulations

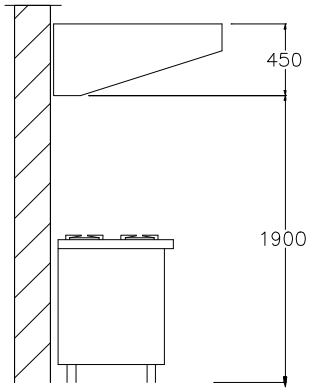
The user of the hood described in this manual is not exposed to any particular dangers as the control operations take place in a non-hazardous area.

2.3 Rules for the maintenance technician

Before proceeding with any type of maintenance, electrically isolate the hood by acting on the remote disconnection system (push button or lever switch not supplied by us) located in the immediate vicinity.

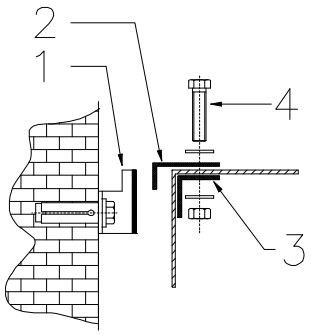
3.0 INSTALLATION INSTRUCTIONS

3.1 How to install the wall hood



INSTRUCTIONS

- *Place the hood above the appliance for which it is intended.*
- *The hood's external dimensions must be 20-40 centimeters larger on each side than the appliance's. The height from the floor must*
- *be between 1900 and 2000 millimeters, and the minimum distance between the hob and the lowest part of the hood must be 1000 mm.*
- *The hood exhaust duct must be conveyed into a flue for the exclusive use of the hood and compliant with current regulations.*



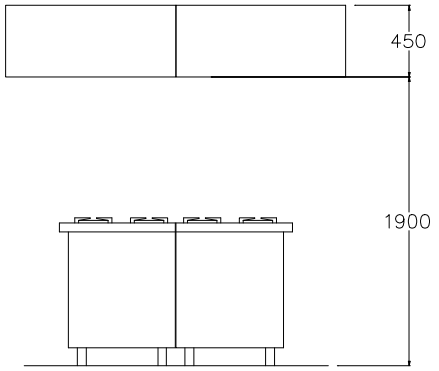
INSTRUCTIONS

- *Fix the support "1" to the wall using screws and plugs*
- *Secure bracket "2" to bracket "3" using screws, closing the upper part of the hood between the two. Attach*
- *bracket "2" to support "1".*
- *Adjust screw "4" to level the hood*

ATTENTION

Make sure the walls can support the weight of the hood; if not, carry out any necessary construction work. Distribute the weight of the hood evenly across all anchors.

3.2 How to install the ceiling hood



INSTRUCTIONS

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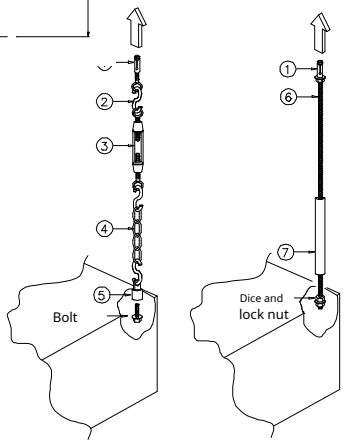


Legend
1 - Dowel
2 - S-hook 3 - Tensioner
4 - Chain
5 - Eyebolt
6 - Threaded rod
7 - Rod cover

INSTRUCTIONS

- *Fix the "S" hooks to the ceiling using screws and plugs.*
- *Raise the hood to the desired height and attach the support system to the eyebolts.*
- *Level the hood by adjusting the turnbuckles.*
- *Lower the hood support system.*

ATTENTION

Make sure the ceiling can support the weight of the hood; if not, carry out any necessary construction work. Distribute the weight of the hood evenly across all anchors.

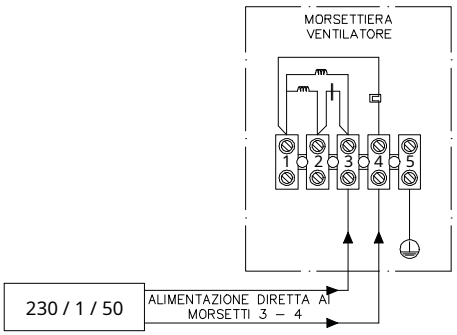
4.0 HOW TO MAKE THE ELECTRICAL CONNECTIONS OF THE FAN

Before proceeding with the connection:

- *Inspect the motor power electrical panel and verify that the protections are sized for the rated amperage.*
- *Check that the mains voltage is adequate for that of the motors, as shown on the nameplate.*

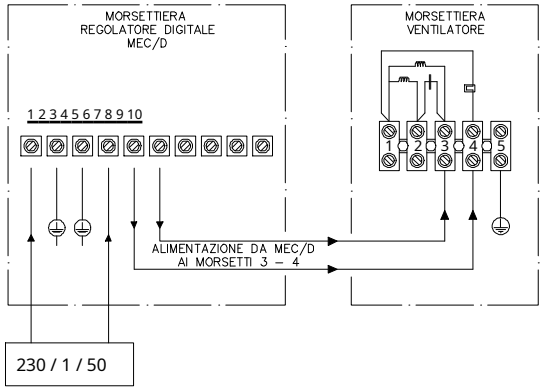
4.1 Connection to the electrical network

The following diagram shows the connection of a single-phase electric fan directly to the power line



4.2 Connection with electronic regulator

The following diagram shows the connection of a single-phase electric fan powered by an MEC/D electronic regulator.



Attention: Read the instructions supplied with the electronic regulator carefully.

5.0 START-UP

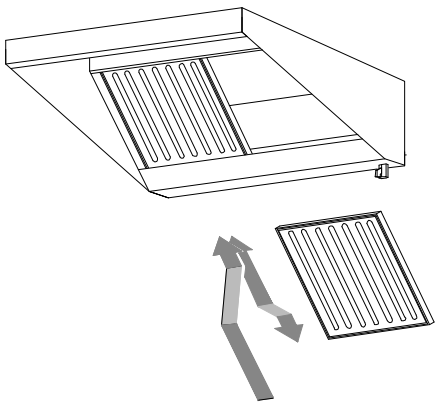
Before proceeding with the first start-up:

- Inspect the ELECTRIC PANEL of the motors and verify that the protections have been calibrated for the amperage on the plate
- Check that the MAINS VOLTAGE is adequate for that of the motors, indicated on the plates.
- Check that the direction of rotation coincides with the arrow on the auger.

6.0 PERIODIC MAINTENANCE OF THE HOOD

6.1 Removing filters

The filters are removed by grasping them by the appropriate gripping pins and sliding them upwards so that they slide out of the lower guide.
With a slight outward rotation of the lower part the filter is completely freed.
Reassembly with reversed phases



6.2 Hood maintenance plan.

Proper maintenance of the hood is essential to ensure its proper functioning. Before carrying out any maintenance, disconnect the power supply.

COMPONENT	INSPECTION	FREQUENCY	ACTION	HOW TO DO IT
Metal structure	*On sight*	*Depending on of the use*	*Clean with a soft, damp cloth soaked in alkaline detergent. Use a plastic or wooden scraper for any encrustations.*	
Grease filters	*On sight*	*At least once per week*	*Clean by soaking in hot water or in a dishwasher with alkaline detergent and, if necessary, clean off any encrustations with a soft brush.*	*Remove the filters from the duct*
Fan	*On sight*	*At least once a month.*	*Clean with alkaline detergent.*	*Act from the openings circular ones placed on the side of the fan*
Fat drainage	*Periodical*	*At least once per week*	*Download fat*	*Open the drain tap located under the hood*

7.0 TROUBLESHOOTING GUIDE

TYPE OF FAULT	POSSIBLE CAUSE	SOLUTIONS
The hood does not draw air	*Defective command and control systems external to the hood.*	*verify the correct functioning of individual devices*
	Incorrect engine wiring.	*Rewire the wiring correctly*
	Burnt engine	*Replace with spare part.*
	Fan blocked by a foreign body	*Remove the foreign body with a suitable tool and check for any abnormal vibrations and/or noises during operation.*
	Clogged filters.	*Remove the filters, clean them as shown in table 3 and place them back in the hood*
Waterproof lamp (if installed) does not work	*Defective command and control systems external to the hood.*	*Check that individual devices are working correctly.*
	Incorrect lamp wiring	*Restore wiring correctly.*
	Reactor rupture	*Replace the reactor*

8.0 SPARE PARTS

COMPONENT	IDENTIFICATION	REPLACEMENT
Filter	*Remove it from the hood and measure its dimensions*	*Remove the filter to be replaced from the guides and insert the new one*
Fan	*Read the identification plate located on the side of the fan*	*1. Remove the filters to access the fan.* *2. Disconnect the electrical wiring.* *3. Unscrew the four nuts holding the fan flange.* *4. Install the new fan in reverse order.*
Lamp	*Check the length. Lg.* *130cm = 40W* *Lg,63cm = 20W*	*1. If there is a lamp holder, unscrew the fixing screws and remove the cover.* *2. Unscrew the two rings at opposite ends of the polycarbonate protection tube, rotate the neon tube 90° and remove it from its seats.* *3. Remove the neon tube from the polycarbonate protection and replace it.* *4. Reassemble everything in reverse order.*
Lamp starter	*Check the lamp power*	*1. Disassemble the lamp as indicated above* *2. Unscrew the plastic protective ring of the starter* *3. Unlock the starter by turning it counterclockwise, remove and replace it by locking it.* *4. Reassemble everything in reverse order.*