

## INSTALLATION. OPERATING AND MAINTENANCE INSTRUCTIONS

## WARNING:

The instructions provided hereafter are an essential and integral part of the equipment and must be made available to the operators for consultation at any time.

Before performing any operation, carefully read safety, installation, operating and maintenance instructions.

The equipment must be used only for its intended purpose and operated by trained staff.

Installation, maintenance and repair work must be carried out exclusively by authorized service centers or gualified staff, in compliance with current regulations and according to the instructions provided by the Manufacturer (use original spare parts only).

The Manufacturer may not be held liable for any direct or indirect damage caused by incorrect installation, tampering with the equipment, misuse, bad maintenance or failure to properly follow the instructions provided in the operating instructions.

#### 1.0 SAFETY MEASURES

This paragraph will inform the operator about the safety measures necessary to ensure people's safety and the hood conditions.

#### 1.1 Instructions for the installer

Wiring must be the last job, making sure that there is no water.

The hood must never be installed in a corrosive or explosive room.

The company in charge of installation must be certified according to the standards in force.

Install a remote on-off system outside the hood (ON /OFF switch or similar device, not included in our supply) just next to it.

Do not turn on the hood before connection to the grounding system.

#### 1.2 Instructions for the user

The user of the hood described in this booklet is not exposed to particular hazard, because control operations are carried out in a non-dangerous area.

#### 1.3 Instructions for the serviceman

Before doing any type of maintenance, isolate the hood with the remote on-off device (push-button or lever switch not included in our supply) nearby.

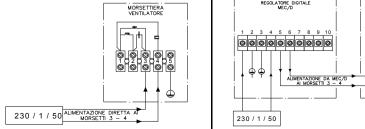
## 2.0 ELECTRICAL CONNECTIONS OF THE FAN

Before connecting the fan:

Check the motors' power switchboard and make sure that protective devices are dimensioned according to the plate amperage

#### Check that the mains voltage is fit for motors' voltage, indicated on the plate

| 2.1 Connection to the mains  | 2.2 Connection with electronic regulator   |  |  |  |
|--|--|--|--|--|
| The diagram below shows the direct connection of a single-phase fan to the mains | The diagram below shows the connection of a single-phase fan powered<br>by RD electronic regulator |  |  |  |
| MORSETTIERA  | MORSETTIERA<br>REGOLATORE DIGITALE<br>MECOLATORE   |  |  |  |



## INSTALLATION. OPERATING AND MAINTENANCE INSTRUCTIONS

#### 3.0 START-UP

#### Before the first start-up

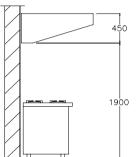
Check the motors' power SWITCHBOARD and make sure that protective devices are calibrated for the plate amperage

· Position the hood on the relevant equipment.

Check that the MAINS VOLTAGE is fit for the motors' voltage, indicated on plates. Check that the direction of rotation coincides with the arrow on the worm.

#### 4.0 INSTALLATION INSTRUCTIONS

#### 4.1 Hood installation



• On each side, the external dimensions of the hood must be 20-40cm larger than the dimensions of the equipment. • The height on the floor must be 1900 to 2000 mm and the minimum distance between the cooking surface and the bottom of the hodd must be 1000 mm • The hood's exhaust must be conveyed into a flue used by the hood only and conforming

#### INSTRUCTIONS

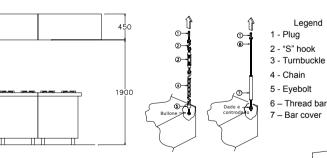
INSTRUCTIONS

wall hoods

- between them.
- · Hook bracket "2" to support "1".
- · Adjust screw "4" to level the hood

#### central hoods

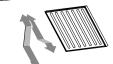
- . Lift the hood up to the desired height and hook the supporting system to the eyebolts.
- · Level the hood, by adjusting the turnbuckles.



#### WARNING Make sure that the walls can support the hood weight; if not, carry out the necessary masonry work. Distribute the hood weight

on all anchorages.





#### 5.0 **ROUTINE MAINTENANCE ON THE HOOD**

#### 5.1 Filter disassembly

To disassemble the filters, hold them using the relevant pins and make them slide upwards, so that they can be extracted from the lower guide. Slightly turn the lower part of the filter outwards to release it.

To re-assemble it, follow these steps, but in reverse.

to the standards in force.

· Fasten support "1" to the wall with screws and plugs

• Secure bracket "2" to bracket "3" with screws, clamping the upper part of the hood



· Secure the "S" hooks to the ceiling with screws and plugs.

Leaend

· Lower the hood's supporting system

## Warning: carefully read the instructions provided together with the electronic regulator.

INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS

#### 5.2 Hood maintenance schedule

A proper maintenance of the hood is necessary to ensure its correct operation. Before performing any maintenance job, disconnect the equipment from the electric supply system

| COMPONENT                               | -  | INTERVAL                        |   | ACTION  | INSTRUCTIONS                                   |  |
|---|--|---------------------------------|---|---|--|--|
| CONFONENT                               | CHECK  | INTERVAL                        | Clean with a soft   | Clean with a soft wet rag, soaked with an alkaline  |  |  |
| Metal frame                             | Visual   | According to use                | detergent.<br>Use a plastic or wooden scraper to remove any<br>deposit.   |   |  |  |
| Anti-grease filters                     | Visual   | At least once a week            | Clean by plunging into hot water or in a dishwasher<br>with an alkaline detergent or, if necessary, remove any<br>deposit using a soft brush.               |   | Remove filters<br>from channel                 |  |
| Fan                                     | Visual   | At least once a month.          | Clean with an alkaline detergent.   |   | Work from<br>circular holes on<br>the fan side |  |
| Grease drainage                         |  | At least once a week            | Drain grease  |   | Open the drain<br>cock under the<br>hood       |  |
|   | UBLESHOOTI                                     | NG                              |   |   |  |  |
| TYPE OF                                 | FAILURE  |                                 | E CAUSE   | SOLUTIONS   |  |  |
|   |  | Faulty control sys<br>hood.     |   | Check proper operation of each device   |  |  |
|   |  | Wrong motor wirir               | ıg  | Reset wiring  |  |  |
|   |  | Burnt motor                     |   | Replace with a spare part.  |  |  |
|   |  | Fan blocked by a foreign object |   | Remove the foreign object with an adequate tool and<br>make sure that during operation there are no vibration<br>and/or unusual noise |  |  |
|   |  | Clogged filters.                | Remove filters, clean them as sho<br>install them in the hood again.  |   | n in table 5 and                               |  |
| The watertight lamp (if any) does hood. |  | Faulty control sys<br>hood.     | tems outside the Check the correct operation of each  |   | device   |  |
|   |  | Wrong lamp wiring               |   | Repair wiring.  |  |  |
|   |  | Reactor failure                 | Replace the reactor   |   |  |  |
| 7.0 S                                   | PARE PARTS                                     |                                 |   |   |  |  |
| COMPONENT                               |  |                                 |   | REPLACEMENT   |  |  |
| Filter                                  | Extract it from the hood and measure.          |                                 | Extract from guides the filter to be replace and install a new filter.  |   |  |  |
| Fan Re                                  | Read the identification plate on the fan side. |                                 | 1. Remove filters to have access to the fan.  |   |  |  |
|   |  |                                 | 2. Disconnect wiring  |   |  |  |
|   |  |                                 | <ol> <li>Unscrew the four nuts that hold the fan flange.</li> <li>Mount the new fan, following the same sequence, but in reverse</li> </ol>                 |   |  |  |
|   |  |                                 | <ol> <li>Mount the new ran, following the same sequence, but in reverse</li> <li>If a lamp holder is provided, unscrew locking screws and remove</li> </ol> |   |  |  |
|   |  | Check length.                   |   | cover.  |  |  |
|   | Check length                                   |                                 |   | <ol> <li>Unscrew the two rings at the opposite ends of the polycarbonate</li> </ol>   |  |  |
|   | L 130cm = 40W                                  |                                 | protective tube, turn the neon tube by 90° and extract it from seats.   |   |  |  |
| lamn                                    | L 63cm = 20W                                   |                                 |   | 3. Extract the neon tube from the polycarbonate protection and replace it.  |  |  |
|   |  |                                 |   |   |  |  |
|   |  |                                 |   | the unit according to the above sequence, but in reverse  |  |  |
|   |  |                                 | <ol> <li>Disassemble the lamp as specified above</li> <li>Unscrew the plastic ring for starter protection</li> </ol>  |   |  |  |
| Lamp starter C                          |  |                                 | 3. Release the starter (turn it anticlockwise), remove and replace it; then   |   |  |  |
|   | Check the lamp                                 | power                           | lock.   |   |  |  |
|   |  |                                 | <ol> <li>Re-assemble the unit according to the above sequence, but in reverse.</li> </ol>   |   |  |  |

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