




HOOD

INSTALLATION, USE AND MAINTENANCE MANUAL

ggmgastro

INTRODUCTION

Dear customer, we thank you for choosing our hood, we hope you will be satisfied with the product.

1 WARNINGS

The following instruction manual is an integral part of the equipment and must be kept at the disposal of operators for any possible advice, up to the end of the product's life cycle.

Before carrying out any operation, carefully read the information in the manual regarding safety, installation, use and maintenance.

The equipment must be used only for the use for which it was designed and only by qualified personnel trained to use the product.

Installation, maintenance and repairs must be carried out exclusively by an authorized service center or by professionally qualified personnel, in compliance with the regulations in force and according to the instructions provided by the manufacturer.

An earth connection is mandatory according to the safety regulations of the electrical system.
The hoods are supplied with a power cord without an electrical outlet, the plug to be connected to the power cord must comply with the regulations in force.

Do not obstruct the openings, ventilation and heat dissipation slots.

Use the hood with an ambient temperature between +5°C and +60 °C

This appliance is designed for professional use and complies with current EC directives.

The appliance has the function of capturing the exhaust fumes coming from the hob, therefore any other use is to be considered improper.

2 GENERAL INFORMATION

The extractor hoods are intended for extracting and purifying the air using filters.

The entire structure of the hood is made of 18/10 stainless steel. The filters are satined with the Scotch-Brite technique, the sheets are protected by a PVC film.

The assembly takes place by electrostatic spot welding and the internal parts are folded with an anti-cut profile.

The grease filters are removable and housed in the specially shaped grease collection unit. The internal profile of the hood is shaped to collect the condensate and convey it to the drain cock. The fat drain cock is supplied mounted upside down for ease of transport, it must be disassembled and reassembled in reverse.

All hoods without motor are supplied without any drilling for the air outlet, so that they can be customized for every need.

The hoods are supplied with a power cord without an electrical outlet.

3 INSTALLATION

The hood can be installed both on the wall and on the ceiling, the two types of installation are shown below.

Attention!!! - It is mandatory to place a bipolar safety switch upstream of the hood.

Attention!!! - A correct earth connection is mandatory according to the safety regulations of the electrical system.

Attention!!! - Before switching on, it is mandatory to remove the protective film protecting the hood.

3.1 ISLAND HOOD POSITIONING

The hood must be positioned above the equipment. The external dimensions of the hood must protrude 200 - 400 mm from the hob.

The hood must be positioned at a height of 1900 - 2000 mm from the floor and in any case the minimum distance from the hood to the hob must be 1000 mm.

The island hood must be anchored to the ceiling by means of 4 chains or cables (not supplied) that are fixed to the eyebolts supplied (Fig.1)

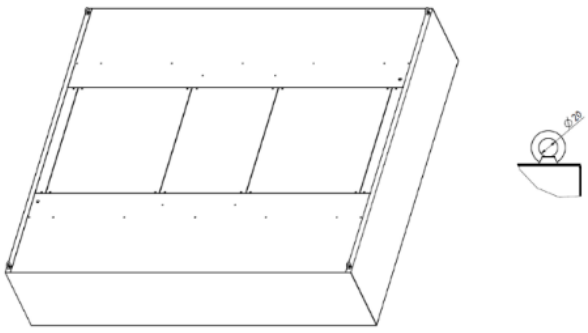


Fig.1

3.2 WALL-MOUNTED HOOD POSITIONING

The hood must be positioned above the equipment. The external dimensions of the hood must protrude 200 - 400 mm from the hob.

The hood must be positioned at a height of 1900 - 2000 mm from the floor and in any case the minimum distance from the hood to the hob must be 1000 mm.

The wall hood must be fixed to the wall by using the special brackets, the position and the number of these varies according to the size of the product.

Fig.2 shows schematically the number and position of the brackets on the various models.

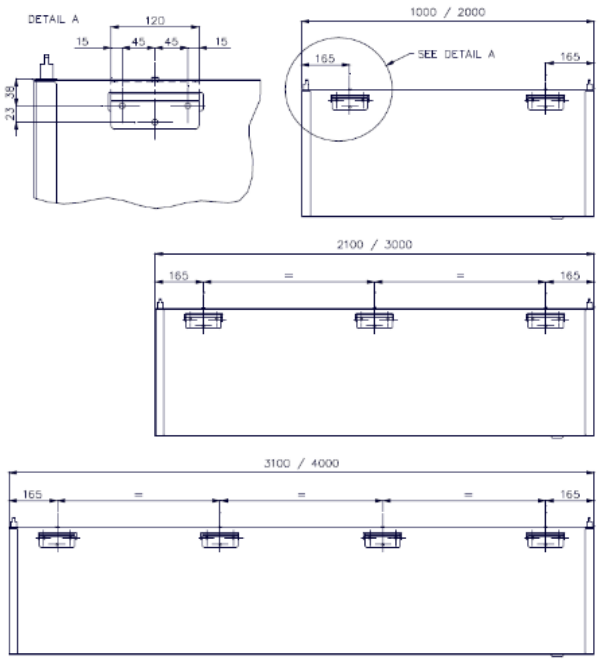


Fig.2

The brackets are screwed inside the hood slot to facilitate transport, they must be disassembled and fixed to the wall (Fig.3).

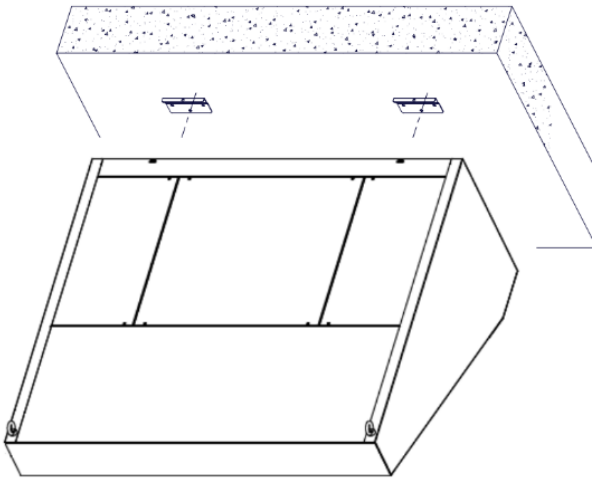


Fig.3

Fig.4 shows how to secure the product. Insert one M5 screw for each fixing bracket as shown (det B). Anchor the front part of the hood to the ceiling using chains or cables (not supplied) and the appropriate eyebolts (det C).

N.B. the SNACK P70 hoods do not use eyebolts but only the fixing to the wall with the brackets.

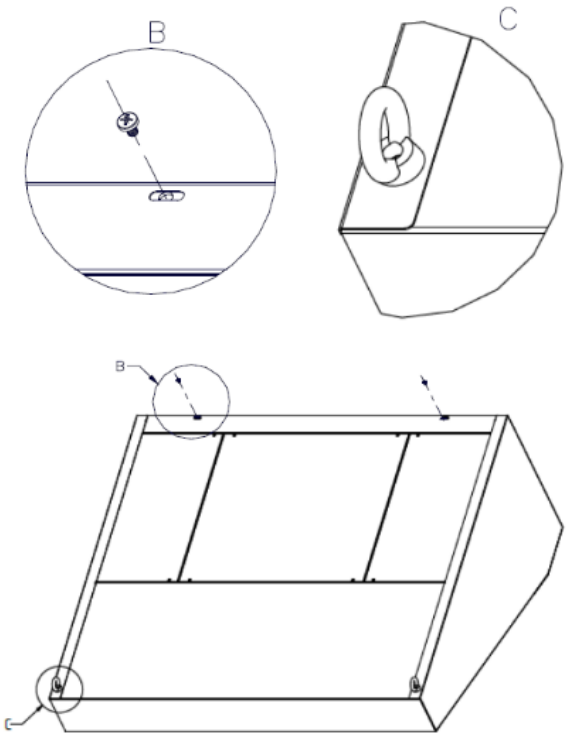


Fig.4

3.3 SILICONE PLATING OF CRITICAL PARTS

Inside the hoods there are areas where the coupling between the sheets creates critical points where the condensed vapors, accumulating, could escape. To prevent this from happening, it is necessary to seal these areas with silicone in the points highlighted in Fig.5 for hoods with wall installation and in Fig.6 for control units with ceiling installation.

Warning!!! Use only high temperature acetic silicone, resistant up to +250 °C

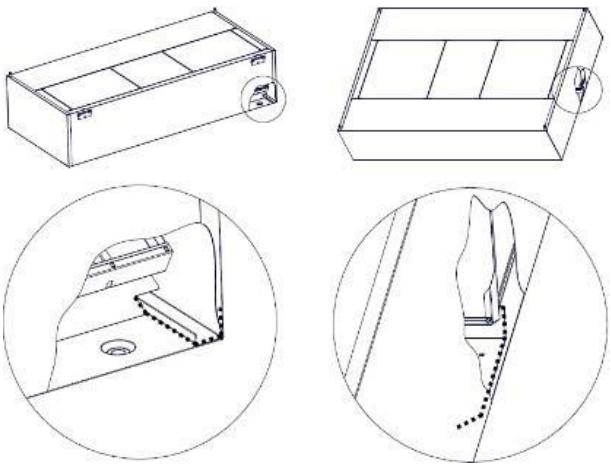


Fig.5 Fig.6

4 AIR FLOW ADJUSTMENT SYSTEM

The hood may or may not be equipped with a motor.

4.1 HOOD WITHOUT MOTOR

When the hood is not fitted with a motor, the extract air flow is adjusted by means of an electric panel which intervenes on the air extraction machine placed after the hood. Therefore to know the operation of the hood adjustment system you must refer to the manual of the electric control panel and to the manual of the air extraction machine.

4.2 HOOD WITH MOTOR

If the hood is equipped with a motor, it can be connected directly to the mains if no adjustment of the air volume extracted is required.

Access to the controller involves removing the panel shown in (Fig.7), after which it will also be possible to identify all the cables.

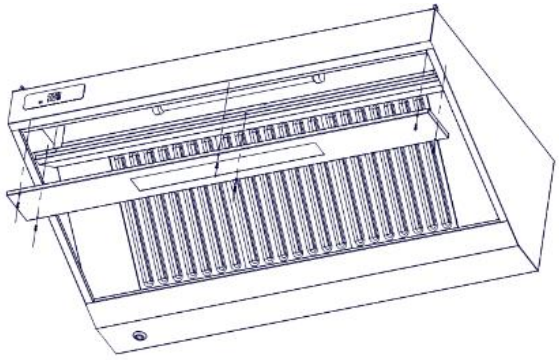


Fig.7

4.2.1 GAS VALVE CONNECTION

The gas valve must be installed in compliance with the safety regulations in force in the country where the product is installed. Once the gas valve is connected, it will guarantee the passage of the gas and therefore the functioning of the hob, only if the hood is in operation. The connection to the gas valve can be made by accessing the electronic regulator, where there is a two-pole cable with two 6.3x0.8 fastons, to which the solenoid valve can be connected, which must have a single-phase 230 Volt AC 50Hz power supply.

Access to the gas valve see Fig.7

5 STARTING

5.1 CABLES OUTPUT

Some models of hood require power supply, which comes out differently depending on the type, as shown in Fig.12.

- HOOD WITH MOTOR (M)
- HOOD WITH LIGHT (P)
- HOOD WITH REGULATOR (R)

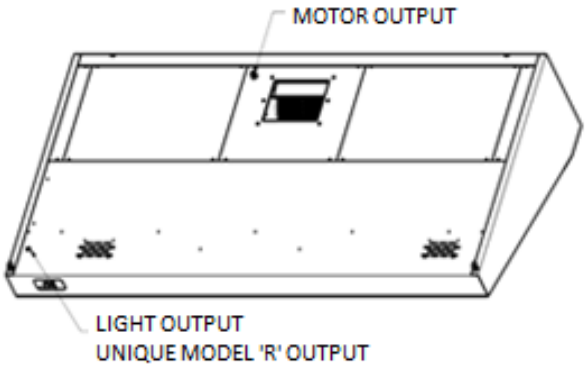


Fig.12

5.2 INSTALLATION

The installation of the hood must be carried out by qualified personnel, respecting the following phases:

- Inspect the electrical power panel of the motors and check that the protections have been calibrated for the plate amperage.
- 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 indicated on the auger.

6 MAINTENANCE

Maintenance involves periodic cleaning of the hood, it is divided into the following phases:

- Removing the filters.
- Draining the condensate collection tray.
- Cleaning the hoods.

Attention!!! - Before performing any maintenance, disconnect the power supply using the appropriate switch or by unplugging it.

Attention!!! - Any maintenance operation must be carried out only by qualified personnel.

6.1 FILTER REMOVAL

The filters must be removed as shown (Fig.13):

The filters are removed by grasping them and sliding them upwards so that they slide off the lower guide.
With a slight rotation towards the lower end the filters are completely free.

The reassembly takes place in the same way with reverse phases.

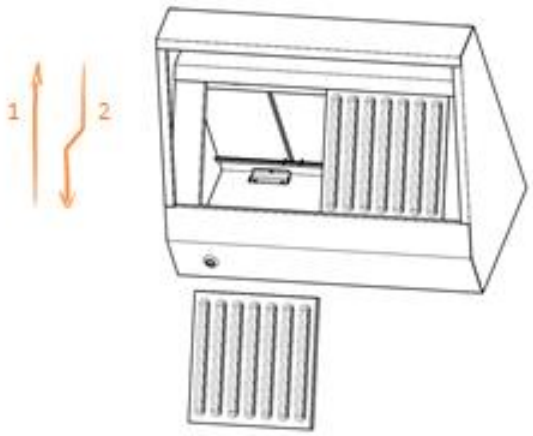


Fig.13

6.2 HOOD MAINTENANCE

PART	ISPECTION	FREQUENCY	ACTION	HOW TO DO
Metal structure	Visually	Depending on use	Clean with a soft cloth soaked in an alkaline detergent. Use a plastic or wood scraper for incrustations	
Grease filters	Visually	At least once a week	Clean with a bath in hot water or a dishwasher using an alkaline detergent and if necessary clean the incrustations with a soft brush	Remove the filters from the housing
Grease drainage	Periodical	At least once a week	Eliminate grease	Open the drain plug located under the hood

7 FAULT

DETECTED FAULT	POSSIBLE CAUSE	ACTION
The hood does not aspirate	Defective external command and control system	Check the correct operation of the individual devices
	Wrong motor connection	Restore the wiring correctly
	Motor failed	Replace with the spare part
	Fan blocked by a foreign body	Remove the foreign body with a suitable tool
	Clogged filters	Remove the filters, clean them and replace them in the hood
Lamp non working	Faulty control system and external hood controls	Check the correct operation of the individual devices
	Incorrect lamp wiring	Restore the wiring correctly
	Faulty lamp	Replace the lamp

8 PARTS

The following is the list of spare parts, accessories and options available for the hoods based on the model supplied:

- Labyrinth filters type B 40 x 40 - 40 x 50
- Labyrinth filters type A 40 x 40 - 40 x 50
- Spacers for filters
- Regulator (see attachment)
- 1.6W led spotlights
- Led lamp 8W - 700 mm (see attachment)
- LED lamp 16W - 1400mm (see attachment)
- 65W transformer
- 105W transformer
- Engine 7/7 - 187W (see attachment)
- Engine 9 / 9R - 420W (see attachment)
- Eyebolts
- Fixing bars

9 CLEANING

Attention!!! - Never use detergents containing: sand or caustic soda, acids or chlorides that affect the surface.

Attention!!! - Any cleaning operation must be carried out with the hood disconnected from the mains

The hood must be cleaned using a damp cloth with non-abrasive detergent and by drying the surfaces using a dry cloth.

10 DISPOSAL

Once the life cycle of the product has ended, it must be disposed of in compliance with the regulations in use in the destination country.

The buyer is obliged to dispose of the WEEE via separate collection.

The symbol of the crossed-out bin shown on the product label indicates the obligation of separate collection of WEEE.

The disposal of WEEE in the urban recycling circuit is allowed, subject to specific agreement with the reference Municipality.

Collective systems for collecting WEEE active throughout the national territory are active.

It is possible to return the equipment to the distributor free of charge when purchasing new equipment.

Inside the EEA there are substances that are dangerous for the environment and human health.

Anyone who leaves or deposits waste or places it in surface or underground waters is punished with a pecuniary administrative sanction from € 600 to € 6,000 (ref. Art.255 Legislative Decree 152/2006 and subsequent amendments)

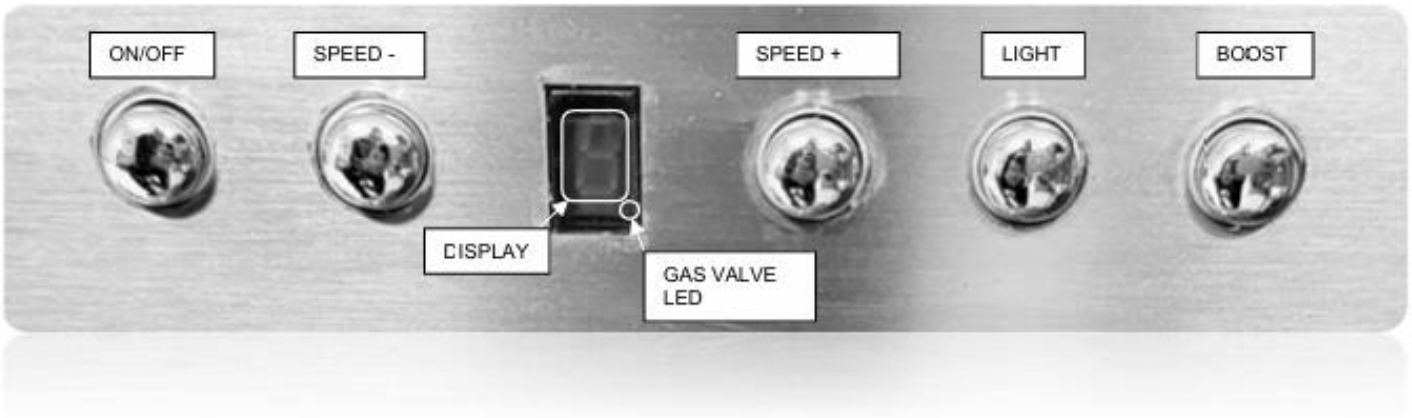
11 LABEL

The CE label contains the following items:

- Template
- Serial number
- Date of construction
- Electric power
- Weight
- Air flow
- Phase voltage and frequency

12 ATTACHMENTS

- REGULATOR
- SDR 7/7
- SDR 9/9
- LED NEON 8/16W



The hood's control panel has a 5-buttons keypad and a digital display that shows the suction intensity.

Using the buttons, you can toggle the extractor fan, adjust its intensity from 1 to 5, activate the "Boost" mode, or toggle the light.

When the extractor fan is off, the simultaneous long-press of the "Speed -" and "Speed +" buttons allows to link the activation of the gas valve to the activation of the extractor enabling the supply of gas to the stove only when the extractor fan is on. This setting is stored in the control panel and is represented by a dot on the display.

The "Boost" mode consists of a timed extraction cycle lasting 15 minutes during which the extractor fan is set to maximum intensity. After this time, the hood automatically returns to the previously set speed. This mode is indicated by a regular flashing of the digit on the display.

The Boost mode cannot be set if the hood is already at intensity "5".

USER AND INSTALLATION MANUAL

EXTERNAL SPEED CONTROLLER FOR SINGLE-PHASE ASYNCHRONOUS MOTORS WITH BUTTON CONTROL PANEL

DT2312-COB2107

Electrical parameters:

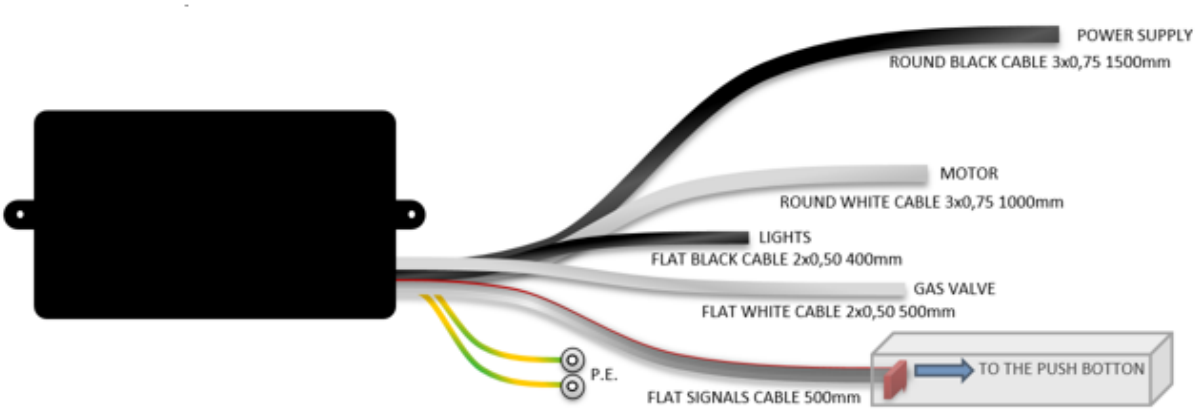
- **DT2312:**
  - Power supply: 12VDC
- **COB2107:**
  - Power supply: Single-phase 230VAC 50/60Hz
  - Motor power: max 750W (3.25A)
  - Lighting power: 900W (4A)
  - Standby power consumption (DT2312 + COB2107): 4.1mA
- Connection cable: 10-pin AWG28 flat cable

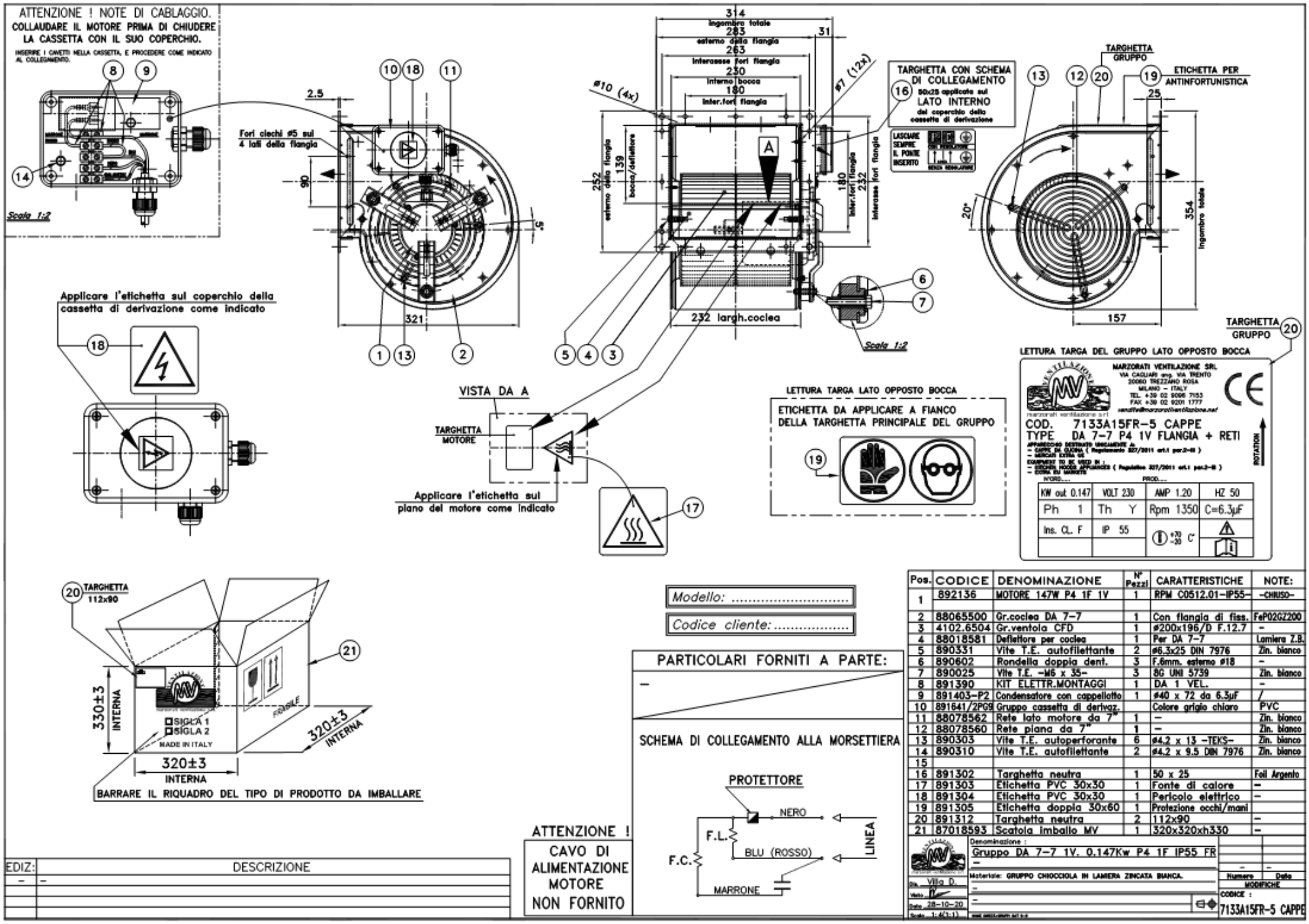
Technical specifications:

- Compliant with standards 2014-35-EU (low voltage), 2014-30-EU (EMC), and 2011-65-EU (RoHS)
- Ingress Protection: IP30
- Operating temperature: -5/+60
- Speed controller for fans and push-button light control.

Operation:

- **ON/OFF button motor fan speed:** When pressed, the motor starts at 20% of its power. By pressing the "Speed +" and "Speed -" buttons, you can adjust the suction speed from a minimum of 20% to a maximum of 100%. When the shutdown command is received, the motor is accompanied by a short deceleration ramp towards shutdown and will stop by mechanical inertia.
- **ON/OFF button for lights:** Allows you to turn the hood light on/off with consecutive presses. It is not possible to adjust the light intensity.
- **BOOST button:** A timed suction cycle lasting 15 minutes is started, during which the motor is automatically brought to maximum intensity. After this time, the motor is automatically decelerated to the previously set speed. This mode is indicated by a regular flashing of the number shown on the display. The BOOST button does not perform any action if pressed when the motor is already at speed "5".
- **Gas valve signal:** The gas valve protection can be activated or deactivated by simultaneously pressing and holding the "Speed +" and "Speed -" buttons when the motor is off.
  The valve gas protection status is indicated by a dot on the numeric display:
  - If the dot is on the protection is activated.
  - If the dot is off the protection is deactivated.





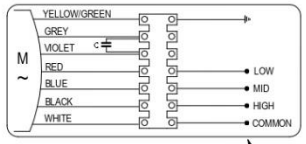
Pos.	CODICE	DENOMINAZIONE	N° Pezzi	CARATTERISTICHE	NOTE:
1	892136	MOTORE 147W P4 1F 1V	1	RPM C0512.01-IP55-	-CHIUSO-
2	88065500	Gr.coclea DA 7-7	1	Con flangia di fiss.	FePO2GZ200
3	4102.6504	Gr.ventola CFD	1	ø200x196/D F.12.7	–
4	88018581	Deflettore per coclea	1	Per DA 7-7	Lamiera Z.B.
5	890331	Vite T.E. autofilettante	2	ø6.3x25 DIN 7976	Zin. bianco
6	890602	Rondella doppia dent.	3	F.6mm. esterno ø18	–
7	890025	Vite T.E. -M6 x 35-	3	8G UNI 5739	Zin. bianco
8	891390	KIT ELETTR.MONTAGGI	1	DA 1 VEL.	–
9	891403-P2	Condensatore con cappellotto	1	ø40 x 72 da 6.3µF	/
10	891641/2PG9	Gruppo cassetta di derivaz.		Colore grigio chiaro	PVC
11	88078562	Rete lato motore da 7"	1	–	Zin. bianco
12	88078560	Rete piana da 7"	1	–	Zin. bianco
13	890303	Vite T.E. autoperforante	6	ø4.2 x 13 -TEKS-	Zin. bianco
14	890310	Vite T.E. autofilettante	2	ø4.2 x 9.5 DIN 7976	Zin. bianco
15					
16	891302	Targhetta neutra	1	50 x 25	Foil Argento
17	891303	Etichetta PVC 30x30	1	Fonte di calore	–
18	891304	Etichetta PVC 30x30	1	Pericolo elettrico	–
19	891305	Etichetta doppia 30x60	1	Protezione occhi/mani	
20	891312	Targhetta neutra	2	112x90	–
21	87018593	Scatola imballo MV	1	320x320xh330	–

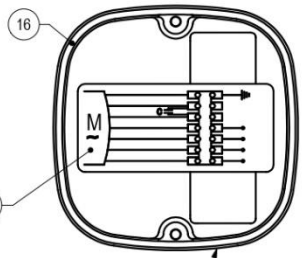
Denominazione : Gruppo DA 7-7 1V. 0.147Kw P4 1F IP55 FR
–
Materiale: GRUPPO CHIOCCIOLA IN LAMIERA ZINCATA BIANCA.
–
Dis. Villa D.
Visto
Data 28-10-20
Scala 1:4(1:1)
Numero | Data
MODIFICHE
CODICE : 7133A15FR-5 CAPPE

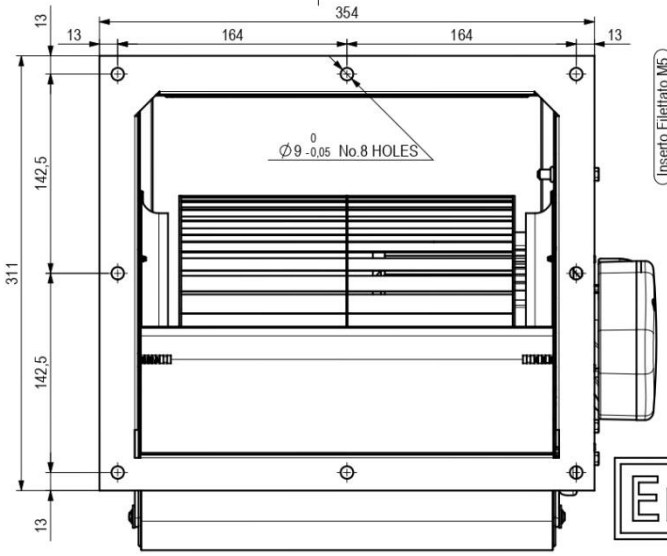
EDIZ:	DESCRIZIONE
–	–

ggmgastro

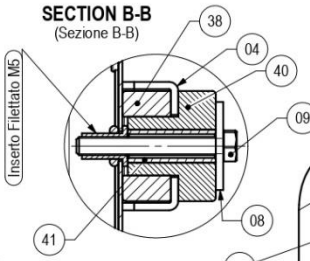
SCREW TORQUE IN ACCORDANCE WITH EL.UN.0106 (Coppia di serraggio viti secondo normativa EL.UN.0106)	
MATERIALS (Materiali) - BLOWER (Ventola) - HOUSING (Coclea) - BRACKET (Squadretta) - SCREWS, WASHERS AND NUTS (Viti, Dadi e Rondelle)	GALVANIZED IRON SHEET - TabLock (Lamiera Zincata) GALVANIZED IRON SHEET (Lamiera Zincata) GALVANIZED IRON SHEET (Lamiera Zincata) GALVANIZED IRON (Zincati)
BALANCING GRADE (Grado di Bilanciatura)	**G. 6,3**
ELECTRICAL SPECIFICATION (Prescrizione di Collaudo)	**G. 2351/1A**



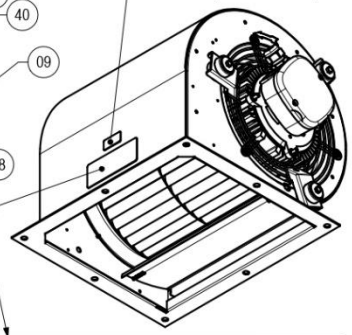




SECTION B-B
(Sezione B-B)



ISOMETRIC VIEW
(Vista Isometrica)



CODE: DEHF43CB01FR ErP2015
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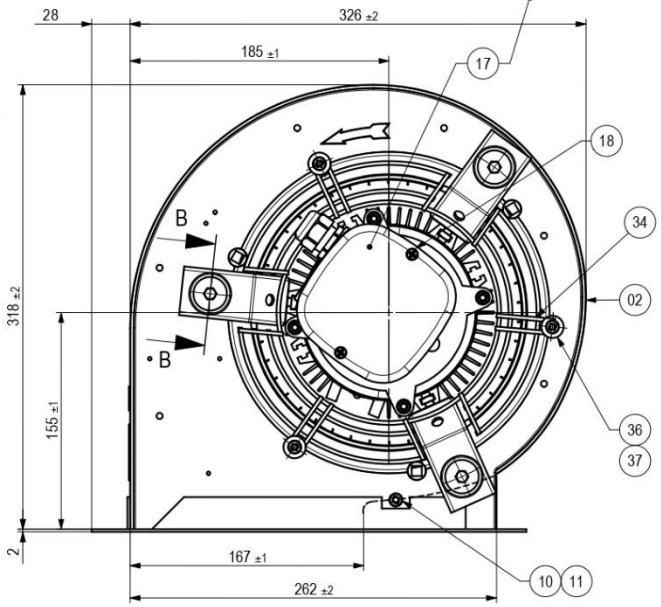
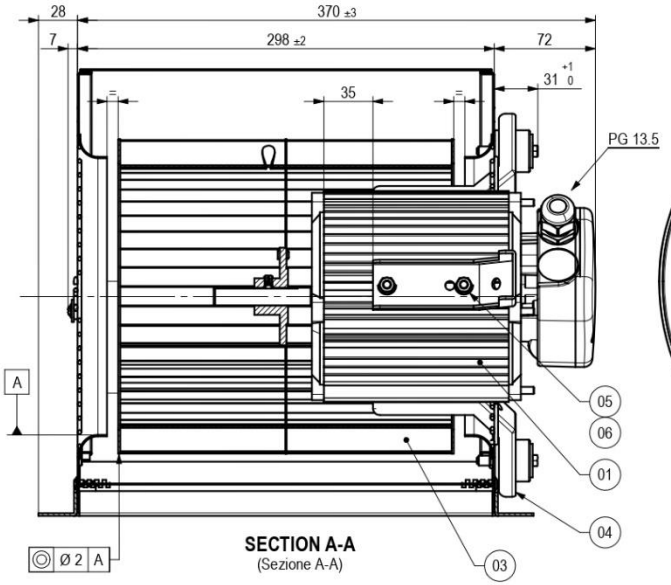
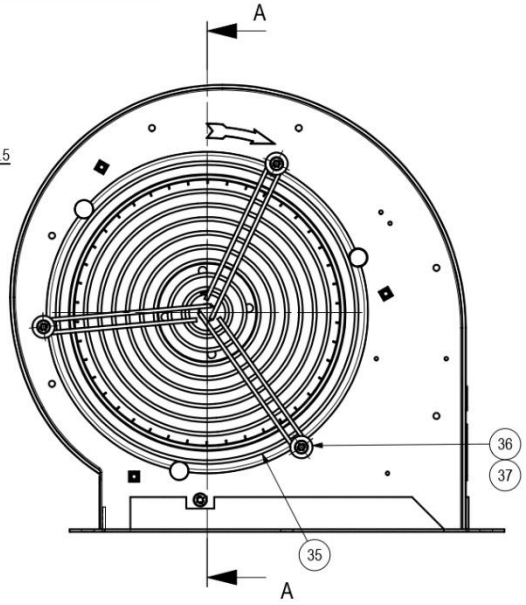
230V 1~ 50/60 Hz 300W 1300Rpm 6,3µF 450VL
4.1 Amax (50Hz) - 4.4 Amax (60Hz)
Th.Prot. CL.F IP55
ηe=34,6(A.Static) N(2015)44 N=44,0 Win@ηmax.=326W
MOTOR : FGEM43TC0478S DATE

ErP 2015





SECTION A-A
(Sezione A-A)



Rel.	Date	Description	Executor signature	Checked

MODIFICATIONS

For dimension without tollerance see standard UNI EN 22768-mK

Treatement
Material

A3

Drawn D.Riboldi
Date 17-12-2014
Check
Scale ---

CENTRIFUGAL BLOWER
230V 1~ 50/60Hz
DD 9/9T 300-4P-3V-M/ 357

Weight gr.
Release -
Ref. No

DEHF43CB01FR

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D-48607 Ochtrup

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