

USE AND MAINTENANCE MANUAL FOR EXTRACTOR HOODS

Suction



Declaration of conformity to the regulations in force

Revisione: 1 Del: 24/09/2021



Model code:

Serial N°:

Year of manufacture:



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1 GENERAL INFORMATION

1.1 Presentation

Bendoni Inox S.r.l. congratulates you on your purchase and trusts the quality of the product fully meets your expectations.

Using components of the highest quality and subjecting our products to numerous and strict controls during production, we can supply equipment that will guarantee the safest working conditions and best economic returns.

The extractor doesn't require any special attention or maintenance by specialised personnel, with the exception of the initial installation procedures or in the case of any faults or malfunctions. Following the instructions and recommendations given in the present manual, you can obtain an excellent and constant performance from your purchase.

1.2 Origin

Articles covered by this documentation and declaration of conformity are all of CE Origin, that means they are produced within the area of European Union.

1.3 Testing and guarantee

Our products are all subjected to final visual and functional testing, and this is certified in the conformity sheet enclosed.

The guarantee covers the equipment and components of our production and is valid for 12 months from the date of the invoice. It covers the free supply of the parts to replace, which on our unquestionable judgement are held to be faulty. For the guarantee to be valid, all the warnings and methods in the present manual must obviously be respected.

During the period of guarantee the expenses for labour, travel or transfers, transportation of parts or equipment to replace will be paid by the consigner, while the materials replaced under guarantee remain our property and must be returned under the responsibility of the consigner and at the expense of the same.

1.4 Introduction

This manual provides all the indications necessary for the correct use, installation, maintenance and disposal of the equipment by specialised personnel. The manufacturer declines any responsibility for damage to things or injury to persons that may derive from the non-observance of the regulations in the present manual and in any case from any use of the equipment other than that which is envisaged.

We recommend keeping this instruction manual in a safe place so it can be consulted in the future, and presented to the health authorities when necessary. We reserve the right not to issue a copy of the declaration of conformity enclosed if the original is lost and we cannot verify the integrity and correct use of the equipment in the declaration.

The reproduction, and even partial copying of the present manual and anything else associated with the same is forbidden.

1.5 General safety regulations

- ⇒ Before connecting the electrical mains, make sure the voltage and frequency of the mains correspond to the data on the ratings plate.
- ⇒ Always connect the electrical equipment using the relevant unipolar differential magnetothermal circuit breaker, to an earthed socket, and to a circuit with an automatic cut-out.
- ⇒ Only let qualified personnel do the installation and maintenance and respect the recommended periodic programmed maintenance.
- ⇒ Don't remove any protective covers installed over moving parts, parts with electrical connections, or other dangerous parts.
- ⇒ Don't insert screwdrivers or similar tools in protective grills, and don't get near electrical parts with wet hands or naked feet.
- ⇒ During and after washing products, avoid pools of water both in the electric parts and in any concave zones, drying any excess water.

2 APPLICATIONS (ALLOWED AND IMPROPER USE)

2.1 Definitions

This equipment is for the agricultural and food industry for processing foodstuffs. It is designed with the appropriate devices to guarantee the health and safety of the user.

2.2 Allowed use

Our extractor hoods are designed to be used in places where foodstuffs are prepared (industrial kitchens, rotisseries, delicatessens, pizzerias, catering services, etc.) for the extraction and expulsion of bad smells, vapours, fumes and smoke produced when cooking, hot air, etc. to the external environment.

2.3 Improper use

Any use other than the above is considered improper use and is not allowed, and in particular the use for the extraction of: unburnt, dangerous or explosive gases, substances of a chemical origin (it must not be used in chemical laboratories), substances, powders, vapour, fumes or mists that are dangerous for the external environment, solid or granular substances is not allowed.

2.4 Risks deriving from noise

We recommend always verifying the noise level of the plant or of the extractor hood installed, having the competent personnel measure the noise level of the extractor hood, in particular for those with an incorporated aspirator, and if the noise exceeds 80 Db the measures envisaged by the directive must be implemented. We recommend installing the extractor hood and the components of the plant so they are solidly fixed to load-bearing structures, and always installing suitable elastic joints between the aspirators and the fixed parts of the plant. Position the aspirators in rooms that aren't supervised, have a qualified electrician install a speed variator for the aspirator, keep the use of extractor hoods with incorporated aspirator to a minimum, and in any case limit the use to small extractors with short expulsion ducts.

3 INSTALLATION

3.1 Moving

The extractor should be moved with care by suitable personnel and avoid knocks, sudden movements, and dragging it. The equipment must be kept in the original packing until it is installed and if it is moved again it must be protected with pluriboll or similar packing.

3.2 Unpacking

Before installing the extractor hood you should completely unpack it, placing the bottom part on the ground so it still rests on the packing, and also removing all the Nylon film which protects the steel surfaces. Always remove any blocks from the aspirator and all the residues of packing from inside and outside the extractor hood. Unpack also the package containing the filters and the accessories for fixing. The packing waste is special waste similar to urban waste and can therefore be disposed of in traditional ways.

3.3 Positioning

For the extractor hood to work in the best possible way it must be positioned at a distance of roughly 1000-1200 mm from the cooktop and must protrude by at least 200 mm with respect to the external limit of the same.

3.4 Ceiling/wall fixing

The extractor hood must be fixed by specialised personnel using the suitable equipment, and the fixing must be verified at the end of the same, checking that all the anchor points are perfectly solid and safe.

Prepare the extractor hood for fixing to a wall and/or ceiling with anchor bolts that are suitable for the type of structure where it will be installed, checking it can support 3-times the weight of the extractor hood and its accessories. The anchor bolts for fixing are required for the wall installation (for wall-mounted extractor hoods) and should be used to fix the two rear perforated brackets, and in the ceiling to fix the holes in the cap of the extractor hood, where the eyelets for connecting the chain will be inserted.

For wall installation use the “T” brackets supplied, fixing them to the top edge of the extractor hood with 6MA bolts, and use the chains supplied, or other similar ones, to fix it to the ceiling, connecting them with the “S” hooks to the fixed anchor bolts and to the aluminium eyelets, which must be screwed tightly into the relevant holes on the roof of the extractor hood. Use the eyebolts supplied to level the extractor hood.

After fixing and connecting, you must insert the filters supplied in the relevant double channel, positioning the closed filters in the points where there is less need for suction, or in the position of the aspirator if it is incorporated in the extractor hood.

4 MOTOR INSTALLATION AND ACCESSORIES (If envisaged)

4.1 Electrical connection of motor (if envisaged)

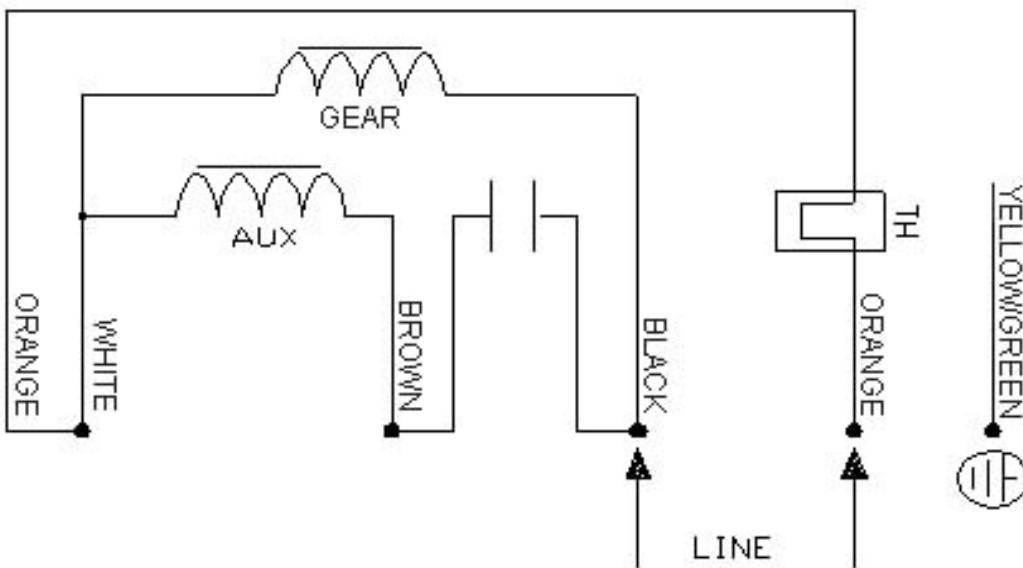
The electrical connection of the aspirator supplied with the extractor hood, whether the incorporated type or other types, must always and only be made by a professional electrician who can issue a certification to certify that the work has been done to a professional standard.

Flame-proof cables of the suitable section for the absorption power of the aspirator as indicated on the ratings plate must be used for the connection and the power must be protected by a unipolar magnetothermal differential circuit breaker of a suitable rating and an automatic cut-out.


When inserting the cable in the extractor hood or casing, make sure you pass it through a suitable rubber grommet, or install one at each point in which the cable passes through the sheet metal.

After making the connections all of the original protective covers on the terminal boards and points of access to the aspirator must be replaced, and the filters should be inserted in the relevant channel of the extractor hood.

4.2 Motor wiring diagram (if installed on the hood)



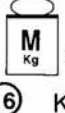


4.3 Motor identification data (if installed on the hood)

 **NICOTRA SpA** - via Cesare Cantù, 1 - 20121 Milano - Italia
NICOTRA Stabilimento di via Modena, 18 - 24040 Ciserano loc. Zingonia - Italia

MOD. ①

COD. ② / ③ SERIAL ④

⑤	⑥	HZ.	⑦	V.	IP	⑧	Cl. Is.	⑨	⑩
⑪		A. max	⑫		W.	⑬		RPM	Th ⑭
		⑮			⑯			>	⑰
Prod. date:		⑱		INSTR. COD.		⑲			

- | | |
|-------------------------------------|---|
| 1) Model | 12) Maximum output |
| 2) Nicotra code | 13) Max. rpm |
| 3) Modification level | 14) Thermal cutout (Y=Yes/ N=No) |
| 4) N. of production lot | 15) Operating temperature |
| 5) N. of phases and type of current | 16) Machine over 30 Kg (if present) |
| 7) Input Frequency | 17) Machine exceeds sound power level of 85 dB (A) (if present) |
| 8) Electrical input voltage | 18) Production data (year/month) |
| 9) Insulation class of the motor | 19) Instruction manual code |
| 10) Condenser value (if present) | |
| 11) Max. current absorbed | |

4.4 Electrical connection of speed controller (if installed)

If together with the hood is installed our electronic speed regulator CA9501, we recommend to consult the specific CE manual before proceeding with the connections and use of the same.

5 USE

5.1 Turning the extractor on

After the correct installation and electrical connection, to use the extractor hood simply turn on the switch or the speed variator to start the aspirator.

5.2 Warnings

Don't start the aspirator if the filters of the extractor hood are not installed. Obviously we recommend only using the extractor hood when needed for the requirements of work, and if necessary adjusting the variator so the aspirator runs at a minimum speed when it isn't being used, and turn it off if you don't need it.

5.3 Accessories

If the extractor hood is purchased complete with neon lights and a speed variator, use the switch with the lamp symbol to turn the light on. Otherwise use the switch installed by the electrician who made the electrical connection.

6 PERIODICAL MAINTENANCE

6.1 Cleaning filters and aspirator

Frequently clean the filters removing them from their seats and washing them in a dishwasher or with hot water and degreasing detergent. Only replace the filters when they are completely dry.

Periodically check that the grill over the aspirator is free of any excessive deposits of grease and if necessary clean with a dry cloth and alcohol, always and only with the power turned off.

6.2 Periodical checks

Check that the anchor bolts supporting the extractor hood are solid in the load-bearing structure and don't show any signs of giving way.

6.3 Faults or malfunctions

In the case of faults or malfunction we recommend contacting a qualified person, and if any parts need replacing only use original spare parts of the same brand and model as those replaced.

6.4 Important warnings

- ⇒ DON'T USE THE SUCTION HOOD WITHOUT THE FILTERS ARE REGULARLY POSITIONED
- ⇒ DON'T DO ANY WORK ON IT WITHOUT HAVING FIRST TURNED THE POWER OFF
- ⇒ PERIODICALLY DEGREASE THE FILTERS
- ⇒ DON'T WASH THE EXTRACTOR HOOD WITH RUNNING WATER AND DON'T TOUCH IT WITH WET HANDS OR IF YOU HAVE BARE FEET

7 WASTE DISPOSAL

7.1 Waste storage

The provisional storage of special waste is allowed while waiting for treatment and/or final storage.

In any case the laws in force in the user's country regarding the protection of the environment must be observed.

7.2 Demolition

Different laws are in force in various countries, therefore you must observe the prescriptions of the laws and authorities in the country where the equipment will be demolished.

Dismantle everything you can, putting the components into groups according to their chemical nature. Remember that some internal parts may be covered with vegetable-animal grease for recovery and regeneration purposes.

The stainless steel parts can all be recycled, while the other parts can be considered special waste similar to urban waste.

The extractor must be dismantled by specialised personnel.

8 STATEMENT OF COMPLIANCE

8.1 CE compliance

The **BENDONI INOX Srl** registered in BIBBIENA (AR), SOCI, Via San Marco 9 – VAT No. I-00878970516

Declares that the product with:

Code: _____ Serial No.: _____ Year: _____

Is realized in compliant with the following unified norms:

UNI EN 292/1

UNI EN 292/2

CEI EN 60204-1

And with the following CE and UE directives:

2014/30/UE (electro-magnetic compatibility)

2006/42/ CE (machine directive)

2014/35 UE (low voltage directive)

We also declare that for the product mentioned above, in application of the new machine directive, a specific technical file has been created which is kept at our headquarters in Via San Marco 9 , SOCI, BIBBIENA (AR) and whose responsible is Mr. Luca Bendoni as technical contact.

Luca Bendoni

Owner of:

BENDONI INOX Srl

8.2 Sanitary regulations compliance

Premised the respect of all the points mentioned in this manual, with particular reference to paragraphs relative at: APPLICATIONS – INSTALLATION – OPERATING MODE – PERIODICAL MANTEINANCE we declare that the product to which this document has been attached is in compliance with:

Regulation CE 178/2002 (regarding the general principles and requirements of the alimentary legislation)

Regulation CE 852/2004 (regarding the hygiene of alimentary products) and subsequent amendments with regulation UE 382/2021

Regulation CE 853/2004 (regarding the hygiene of food of animal origin)

Regulation CE 1935/2004 (regarding the materials and the objects intended to come in contact with alimentary products)

Regulation CE 2023/2006 (regarding good manufacturing practices for materials and objects destined to be in contact with alimentary products)

Regulation UE 10/2011 (on plastic materials and articles intended to come into contact with food) and subsequent amendments and/or corrections with regulations UE 1282/2011, UE 202/2014 and UE 1245/2020

Luca Bendoni

Owner of:

BENDONI INOX Srl

8.3 Test statement

The product to which this document has been attached has been subjected at the controls required by our procedures of quality control in accordance with ISO 9001 norm and verified in our factory:

On: _____ By our member of staff: _____

That has not found any evidence of problem.

Luca Bendoni

Owner of:

BENDONI INOX Srl

