

Dismantling and recycling



The product has been designed and constructed using high-quality materials and components that can be recycled or re-utilised.

If a crossed-out wheeled bin is illustrated on a product, this means that the product satisfies the requirements of the 2012/19/EU European Directive.

Make inquiries about the disposal collection methods of electrical and electronic products in force in the zone in which the product must be disposed of.

Conform to the local norms regarding the disposal of waste materials and do not dispose of old products in normal domestic waste material. A correct dismantling and disposal of products helps to prevent environmental pollution and possible injury to health.

Abusive disposal of the product by the user implies the application of administrative fines foreseen by the norms in force.

EXT RANGE



Instruction Manual

In case of incorrect or doubtful translation, only the Italian text applies (Translation of the original instructions).



The equipment must be installed only by a specialised technician!

Read and apply that referred to the following pages before carrying out the installation.

Keep this manual in a safe place.

Dear Customer,

the product you have purchased is a centrifugal duct fan for outdoor installation. To ensure optimum operation and guarantee a long life, read this manual carefully that explains how to effectuate a correct installation and to use and maintain the product properly. Following all the instructions ensures reliability and long life, both mechanically and electrically.

The manufacturer declines any responsibility for damages caused to persons or things deriving from the lack of observance of the following described instructions.

The product is constructed using state of the art technology and respects the standards in force regarding electrical equipment. It conforms with the EMC 2014/30/EU European Directive regarding radio interference suppression and electro-magnetic compatibility.

Installation and usage instructions



WARNING: Serious injury or death can be caused if these instructions are not applied!

- Do not use this product for uses that are different from those for which it has been designed.
- After having taken the product out of the packaging, ensure that it is not damaged or broken and, in particular, that:
 - the body and impeller of the equipment have not suffered impact damage or deformation;
 - as regards the impeller, ensure that:
 - 1) the movement of the impeller is not blocked in any way
 - 2) the impeller is fixed onto the rotating shaft well and rotates freely;If in doubt, immediately contact a qualified electrician.
- Do not leave parts of the packaging within reach of children or incompetent persons. To dispose of the packaging and the appliance at the end of its useful life refer to the recycling norms in force in your country.
- Immediately contact a qualified person (authorised dealer or the manufacturer) if the product is dropped or knocked to check its correct functioning.
- Do not touch the appliance with wet or humid parts of the body (e.g., hands or feet).
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The means of disconnection from the supply mains must have a contact separation in all poles and must provide full disconnection under overvoltage category III conditions.
- If there is a combustible-fed device (water heater, gas boiler, etc. of the sealed chamber type) in the room where the product is to be installed check that the re-circulation of air is sufficient to ensure a good combustion for the correct functioning of these devices, precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances.
- To avoid the risk of fire do not using the product in the presence of inflammable substances and vapours, such as alcohol, insecticides, petrol, etc.
- The product can be connected to the supply mains only if the voltage and the frequency

of the supply mains correspond to those written in the rating label.

- In the case of malfunction, anomaly or any type of fault disconnect the appliance from the electrical main supply and contact a qualified person. Use only original spare parts for repairs.
- The electrical system to which the appliance is connected must conform with the local norms in force regarding electrical systems.
- The appliance must not be used to activate water heaters, room heaters, etc.
- It is forbidden for the appliance to discharge air into hot air ducts used for the evacuation of fumes coming from the combustion of stoves or other combustion devices. It must discharge directly outside the building.
- **AS THE EQUIPMENT IS BUILT AS CLASS I, IT MUST STRICTLY BE CONNECTED TO THE PLANT OR THE EARTHING TERMINAL OF THE PLACE OF INSTALLATION.**
- **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

WARNING: Damage can be caused to the device if the following instructions are not applied!

- Do not use the product when the room temperature is higher than the temperature indicated on the data plate.
- Do not leave the appliance exposed to atmospheric agents (rain, sun, snow, etc.). The possible applications of this product are illustrated in this manual.
- Do not immerse the appliance or parts of it in water or any other liquids.
- When cleaning or carrying out ordinary maintenance, check the integrity of the appliance.
- The flow of air or fumes that is conveyed by the appliance must be clean and free of greasy elements, soot, chemical/corrosive agents and inflammable or explosive mixtures.
- Do not obstruct the air inlet and outlet of the appliance in any way whatsoever. When using air ducting make sure that the ducting is not blocked.
- For an optimum functioning of the appliance, it is necessary to ensure an adequate recirculation of air in the room.

Consult the local norms with regards to this.

A THE PRODUCT IS EQUIPPED WITH A MANUAL RESET PROTECTION DEVICE WHICH WILL TRIGGER IN THE CASE OF A FAULT. YOU MUST ELIMINATE THE FAULT BEFORE CARRYING OUT MANUAL RESET. ANY FURTHER RESETTING WILL ONLY BE POSSIBLE BY DISCONNECTING THE EQUIPMENT FROM THE POWER SUPPLY.

Mode of installation

THE EQUIPMENT MUST BE INSTALLED ONLY BY A SPECIALISED TECHNICIAN!

None of the items in this range individually weigh more than 20 Kg, the maximum weight that can be handled by a single person. For the weights of specific products, see Table 1.

When the equipment is being handled or installed, safety gloves must be worn or other measures must be taken to prevent accidents and ensure the safety of yourself and others. Install your appliance according with Fig.1.

Ensure you firmly anchor the equipment wall, using the wall plugs supplied.

For the connection refer to Fig. 2. Connection to the mains supply has to be done by means of a recessed wire.

Provide proper electric protections according to the installed model.

AS THE EQUIPMENT IS BUILT AS CLASS I, IT MUST STRICTLY BE CONNECTED TO THE PLANT OR THE EARTHING TERMINAL OF THE PLACE OF INSTALLATION.

On completion of the electrical connections, check the connection clamps are tightened correctly, close the external sheet metal and switch on the machine.

Once the machine has been switched on, check that:

- it is rotating in the correct direction.
- the amount of electricity being absorbed corresponds with that specified on the plate.
- there are not excessive vibrations which could jeopardize the stability of the equipment.

If the equipment is connected with a regulator, ensure that this is in proportion to the power of the driven equipment.

Troubleshooting

PROBLEM	CAUSE AND REMEDY
The appliance does not switch on	There is no voltage. Check the main switch and/or the electrical connections.
The impeller does not turn	Check that its movement is not slowed down.

Maintenance and cleaning

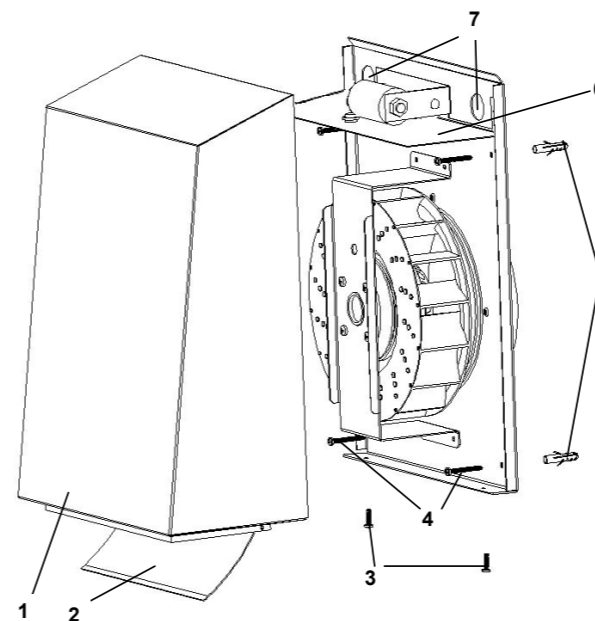
The appliance maintenance shall be carried out just by qualified persons.

The motor and the fan wheel shall be periodically controlled, according to the handled fluid and with the operation type; afterwards every six months of continuous operation.

Before any maintenance or cleaning operation, switch off the appliance by opening the master switch or the specific safety switch of the appliance.

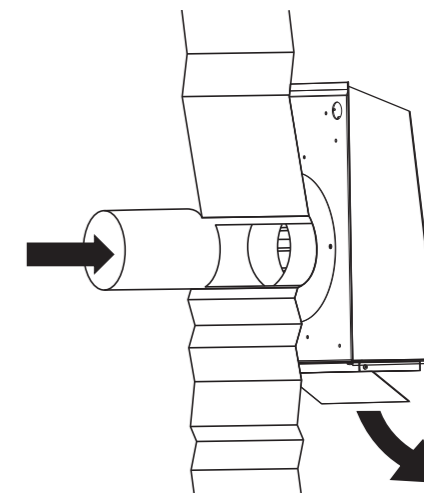
During the normal cleaning operations, check the integrity of all appliance parts.

Fig.1



Legend:

1. Sheet metal case
2. Flap
3. Case fixing screws
4. Wall fixing screws
5. Wall plug
6. Electrical connection support
7. Cable entry hole



Connection Fig.2

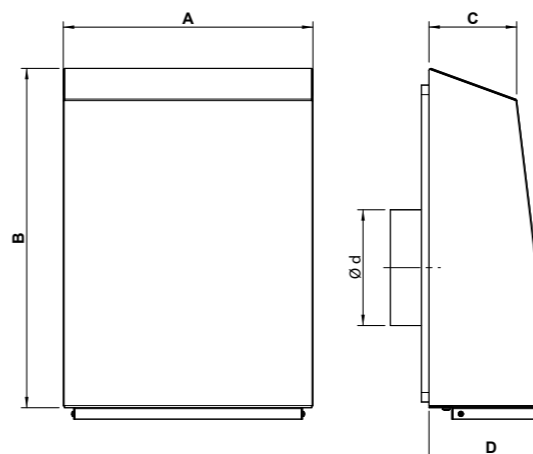
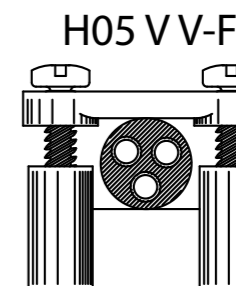
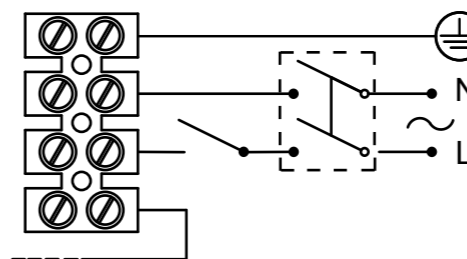


TABLE 1							
	A	B	C	D	Ø d (mm)	Ta (°C)	Kg
EXT 100	260	355	92	131	98	60	4,8
EXT 125	260	355	92	131	122	60	4,8
EXT 150 A	260	355	92	131	148	60	5
EXT 150 B	360	450	116	155	148	60	7,4
EXT 160 A	260	355	92	131	157	60	5
EXT 160 B	360	450	116	155	157	60	7,4
EXT 200 A	360	450	116	155	198	60	7,4
EXT 200 B	360	450	116	155	198	60	7,4