



EC600050 - MISTING SYSTEMS FAN ASSEMBLY AND OPERATING INSTRUCTIONS

- Read carefully and thoroughly all the information included in this manual.
- Reproduction of this manual either in its entirety or in part, is strictly forbidden without the manufacturer's consent.
- The manufacturer is entitled to make any modifications deemed necessary.
- The manufacturer declines any responsibility for damage to people or property caused by failure to observe all warnings contained in this manual.
- Conditions of Guarantee: make reference to the conditions outlined in our website.

1_ GENERAL INSTRUCTIONS AND SAFETY REGULATIONS

1. The electrical and water connections must only be undertaken by qualified personnel.
2. Avoid causing damage to the equipment during all stages of handling.
3. Do not use the machinery in places where explosions may occur.
4. Handle the power cable with the utmost care. Do not fold, crush or stress it.
5. In case of fire use only a dry powder extinguisher.
6. Please refer to the technical data or to the catalogues for the equipment's parameters of use.
7. For information relating to the sound level of machinery, please refer to the technical data and to the catalogues.
8. During installation, maintenance, servicing or cleaning operations, always use appropriate means of protection (gloves) in order to reduce the risk of injury.
9. To reduce the risk of fire or electrical shock, do not expose to water or rain. Do not use this fan with any solid state speed control device.
10. Do not insert fingers or any other objects through the grille guard when fan is in operation.
11. Unplug power cord when moving from one location to another.
12. Unplug power cord when removing grille for cleaning.
13. Be sure front and rear grille screws are tightened before operation.

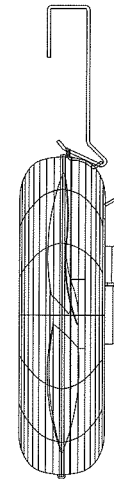
2_ UNPACKING, ASSEMBLY, HANDLING AND POSITIONING

1. Where applicable remove the packing taking great care in not damage the appliance.
2. The apparatus must be installed on a stable surface/support.

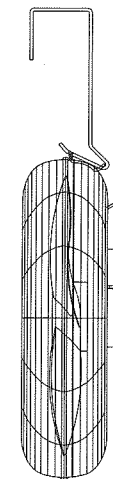
2"
ROUND



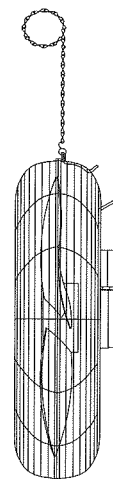
3" x 2
SQUARE



3"
SQUARE



Chain and S hooks



A. HOOKS: Three sets of hooks are supplied with the EC600050 fan. One set 2" diameter pipe, one set 3" x 2" rectangular tube, one set for 3" square tube. Use the set that fits your application. Slip the appropriate hooks through the eyes in the fan guard and then over the tube you are going to hang the fan on. A chain and "S" hooks are also supplied should you need to hang the fan in this manner. With either method the fan should hang vertical. See below.

B. CORD: The fan I supplied with a cord. A receptacle will need to be installed. All electrical wiring should be performed by a qualified electrician according to local laws.

3 ELECTRICAL CONNECTION

Electrical installation must be undertaken by qualified personnel who are in possession of the necessary technical qualifications required by the country in which the unit is to be installed.

1. Verify that the line voltage corresponds to that indicated on the identification plate. The power supply cable must be well extended (avoid bending or overlapping), in a position not exposed to possible impacts or handling by minors. It should also not be in the vicinity of heat sources.
2. Never damage the power cable (if this may occur, have it replaced only by qualified personnel).
3. Use only diameters and types of power cables recommended by the manufacturer.
4. Choose an appropriate cable, according to the equipment's power consumption as indicated on the identification plate.
5. The electrical power supply unit must be equipped with an automatic magnetothermal differential device with an efficient ground connection, as required by the relevant safety regulations in force.
6. Pass the cabling through the appropriate cable holder; following its insertion, tighten the cable holder to ensure that it is correctly secured.

4 OPERATING INSTRUCTIONS

Only after having meticulously followed all the directions and instructions relating to the water and electrical connections, will the unit be ready for use. Initial start up:

1. Check the tightness of the plant.
2. Check the cleanliness of the installation area of the apparatus.
3. Check the correct installation in accordance with the previous chapters.
4. To start it up, simply turn the main switch to position 1.
5. Turn the fan on, check that it works correctly (direction of the rotation of the blades, circulation of air, absence of vibrations and/or unusual noises).
6. SPEED CONTROL: rotate the switch to 0, 1, 2 or 3.

0 = OFF	1 = LOW SPEED	2 = MEDIUM SPEED	3 = HIGH SPEED
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5 MAINTENANCE

Maintenance is very important, both from the point of view of safety, and for the efficient performance of the fan.

1. It is advisable to have the unit checked by qualified personnel.
2. Before carrying out any work on the machinery, it is essential to disconnect the electrical supply.
3. Check the efficiency of the electrical connection, earthing and components subject to wear and tear.
4. Check the efficient working of all electrical and mechanical parts.
5. Keep the surfaces clean by using soft damp cloth. Then wipe with dry cloth.
6. Maintenance should be carried out at least twice a year.

For any further information you may need that has not been mentioned in this booklet please contact the application department.

6 TECHNICAL FEATURES

Watts (W)	Amps (A)	Volt/Hz
Max.	Max.	220-240V
71	0.32	50/60Hz

Noise level of fan, background noise level: 42.2 dB(A)

DECLARATION OF CONFORMITY



EC600050 - FAN

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Max.	Max.	220-240V
71	0.32	50/60Hz

Noise level of fan, background noise level: 42.2 dB(A)

Herewith the company declares on its sole responsibility that the above - mentioned product meets the design and construction requirements of the directive:

Electromagnetic Compatibility Directive 2004/108/CE

Machine Directive 2006/42/CE

