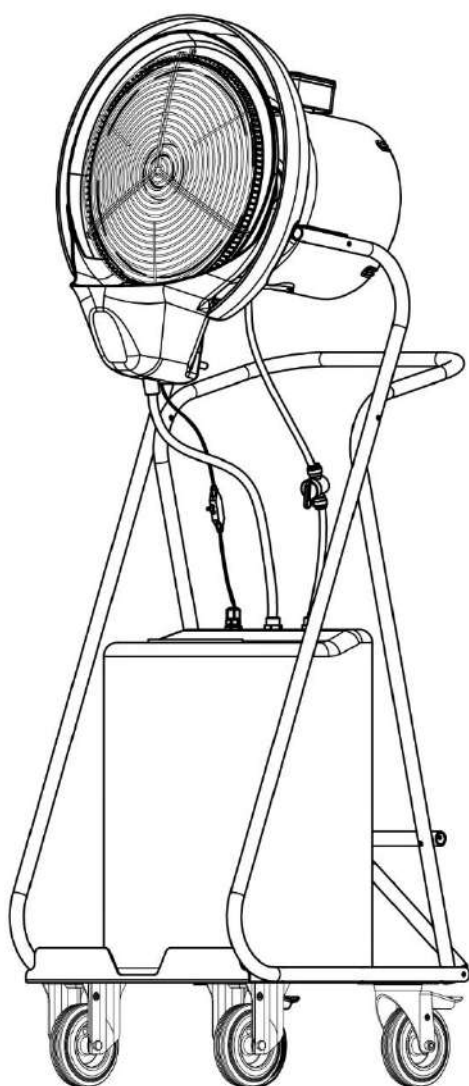


# UCP Fly Mobile

## HUMIDIFIER/COOLER



**TRANSLATION OF ORIGINAL INSTRUCTIONS  
ENGLISH**

Read this manual carefully before  
installing and operating the machine

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## 1 - INTRODUCTION

### 1.1 General Warnings Safety

This appliance must only be used for the function for which it was designed: 'Adiabatic humidifier/cooler'. Any other use is to be considered improper and dangerous. Franco s. r. l. cannot be held responsible for any damage resulting from improper, incorrect and unreasonable use or if the appliance is used in installations which do not comply with current safety regulations.

- Check the integrity of the appliance when opening the packaging, paying particular attention to damage or deformations of plastic parts that may lead to breakage and/or malfunction during use. In such cases, do not connect the machine to the mains. Carry out a general inspection of the machine periodically.
- Before connecting the appliance, make sure that the rating plate data correspond to those of your electrical distribution network. The data label (see par. 1.9) is located on the back of the appliance.
- Observe the safety regulations indicated for electrical equipment and in particular:
  - Follow the installation instructions of the appliance.
  - Do not place objects on the humidifier.
  - Prevent children and/or incapacitated persons from using the device without proper supervision;
  - Do not touch the humidifier during operation or while the disc is stopped;
  - Never immerse the device in water or any other liquid.
  - Do not put any objects inside the tank as the device could be irreparably damaged.
  - Do not use accessories, spare parts or components not specified or supplied by the manufacturer.
  - Avoid touching the device with wet or damp hands
  - Do not pull the power cables or expose them to a risk of shearing.
  - Do not leave the device exposed to the weather (rain, sun, etc.).
  - In the event of a fault or malfunction of the device, switch it off immediately and disconnect the power supply. Do not attempt to open or tamper with the appliance: contact a qualified technician.
  - Do not attempt to fill or empty the tank when the appliance is in operation.

### 1.2 Guidelines for the proper disposal of the product

Pursuant to European Directive 2012/19/EU:

At the end of its useful life, the product must not be disposed of with urban waste.

It can be handed in at the special separate waste collection centres set up by municipalities, or at retailers who provide this service. By disposing of the product separately, you can avoid possible negative consequences for the environment and health resulting from its improper disposal, and allows you to recover the materials of which it is composed in order to achieve significant savings in energy and resources. To emphasise the obligation to dispose of electrical and electronic equipment separately, the product is marked with a crossed-out wheeled bin.



### 1.3 Conventions used in this manual

The manual is divided into chapters, within which the operators to whom the instructions are addressed are specified, where necessary, in order to operate the machine safely.

The sequence of chapters responds to the temporal logic of the machine's life.

To facilitate immediate understanding of the text, terms, abbreviations and pictograms are used, the meaning of which is indicated below.

## **ABBREVIATIONS**

Cap. = Chapter  
Par. = Paragraph  
Page = Page  
Fig. = Figure  
Tab. = Table

## **UNIT OF MEASUREMENT**

The units of measurement used are those of the International System (SI).

### **1.4 Keeping and updating the instruction manual**

The instruction manual must be kept with care and must accompany the machine in all changes of ownership that it may undergo during its life. Parts must not be removed, torn off or arbitrarily modified.

The manual should be stored in an environment protected from humidity and heat and in the immediate vicinity of the machine to which it refers. At the request of the user, the manufacturer can provide additional copies of the machine instruction manual.

You can make a request by writing to **support@francosrl.com**

The Manufacturer reserves the right to modify the design and make improvements to the machine without notifying the Customer, and without updating the Manual already delivered to the user. However, in the event of changes to the machine installed at the Customer's premises, agreed with the Manufacturer and entailing the amendment of one or more chapters of the Instruction Manual, it will be the Manufacturer's responsibility to send the users concerned the chapters affected by the change.

It is the responsibility of the user to replace the old chapters, homepage and table of contents with the new ones in all copies owned.

The Manufacturer is responsible for the **original Italian language version**; in the event of any doubts regarding the translated versions, please refer to the Italian language and contact the Manufacturer (support@francosrl.com) for due verification.

### **1.5 Addressees**

This manual is intended for the Installer, Operator and Qualified Personnel authorised to service the machine. OPERATOR: means the person(s) in charge of installing, operating, adjusting, cleaning, repairing and moving a machine and performing the simplest maintenance operations;

QUALIFIED PERSONNEL/QUALIFIED WORKMAN: this refers to those persons who have attended specialisation courses, training, etc. and have experience in the installation, commissioning and maintenance, repair, transport of the machine.

The machine is intended for industrial use, and therefore professional and not general use, so its use must be entrusted to **qualified persons, in** particular who






- have reached the age of majority;
- They are physically and mentally fit to perform work of particular technical difficulty;
- Have been properly instructed in the use and maintenance of the machine;
- They were judged by their employer to be fit to perform the task entrusted to them;
- Be able to understand and interpret the operator's manual and safety instructions;
- They are familiar with emergency procedures and their implementation;
- Possess the ability to operate the specific type of equipment;
- Be familiar with the specific rules of the case;
- Have understood the operating procedures defined by the machine manufacturer.

The appliance may be used by persons with reduced physical, sensory or mental capabilities, or lack of experience or the necessary knowledge, provided that they are supervised or have received instructions concerning the safe use of the appliance and understanding of the dangers involved.

## 1.6 Pictograms

This section explains the meaning of the pictograms indicating the operator's qualification, the state of the machine, the hazards and the obligations/prohibitions to be observed. Their use makes it possible to quickly and unambiguously provide the information required for the correct use of the machine in safe conditions.

### PICTOGRAMS RELATING TO OPERATOR QUALIFICATION

Symbol	Description
	<b>General labourer:</b> an operator without specific skills, capable of carrying out only simple tasks on the instructions of qualified technicians.
	<b>Driver of lifting and handling equipment:</b> an operator qualified to use lifting and handling equipment and machines (strictly in accordance with the manufacturer's instructions), in accordance with the laws in force in the country of the machine user.
	<b>Mechanical maintenance technician:</b> qualified technician, capable of operating the machine under normal conditions, operating it with jogging inching operation (JOG) with protections deactivated, working on mechanical parts to carry out the necessary adjustments, maintenance and repairs. Typically, he is not qualified to work on electrical systems where voltage is present.
	<b>Electrical maintenance technician:</b> A qualified technician, capable of operating the machine under normal conditions, operating it with jogging inching operation (JOG) with protections deactivated, is proposed for all work of an electrical nature for adjustment, maintenance and repairs. He is able to work in the presence of voltage inside cabinets and junction boxes.
	<b>Manufacturer's technician:</b> qualified technician made available by the manufacturer to carry out operations of a complex nature in particular situations or, in any case, as agreed with the user. The skills are, depending on the case, mechanical and/or electrical and/or electronic and/or software.

**SAFETY PICTOGRAMS (ISO 7010)**

The pictograms contained in a triangle indicate DANGER.  
 The pictograms contained in a circle impose a PROHIBITION/OBLIGATION.

Pictogram

Description



Dangerous electrical voltage.



Generic danger.



Do not remove safety devices.



Prohibition of cleaning, oiling, greasing, repairing or adjusting moving parts by hand.



Obligation to cut power before starting work or repairs.



Protective gloves compulsory.



Compulsory safety footwear.




Mandatory protective helmet.

### 1.7 Applications

The UCP Fly Mobile can be used for **humidification**, **dust suppression** or delivery of atomised **sanitizing products** in small to medium-sized residential, commercial, agricultural or industrial environments.

The device can also be used as an **adiabatic cooler**. This is possible because atomised water in contact with ambient air tends to evaporate, absorbing heat and lowering the temperature. The cooling capacity depends on many variables, such as temperature, room humidity and air distribution.


The UCP Fly Mobile is mounted on a **trolley** with integrated water tank, which allows the machine to be easily moved within the room to be humidified or cooled according to the customer's needs, ensuring maximum versatility of use.



This machine must only be used for the purpose for which it was designed:

**HUMIDIFICATION / ADIABATIC COOLING**

All other uses are to be considered improper and potentially dangerous.



### 1.8 Versions

The UCP Fly Mobile centrifugal humidifier is available in the following version:

3109000 UCP Fly Mobile H25 version with an air flow of 1800 m<sup>3</sup>/h 230V ~ 50Hz

### 1.9 Machine identification and nameplate data

Each machine is identified by an EC nameplate on which the article code, serial number and technical data of the machine are indelibly marked (Fig. 1.9.1).

Always quote these references for any communication with the manufacturer or service centres.

Centrifugal Humidifier  
*Umidificatore centrifugo*

**Model: UCP Fly Mobile H25**

---

**Atomization Capacity:** 25 lt/h  
*Capacità di Atomizzazione*

**Airflow** 1800 m<sup>3</sup>/h  
*Portata Aria*

**Power Supply:** 230V 50Hz 2.2A  
*Alimentazione*

**Construction Year:** 2022  
*Anno di Costruzione*


ART3109000



SER0001



27 kg

IP56



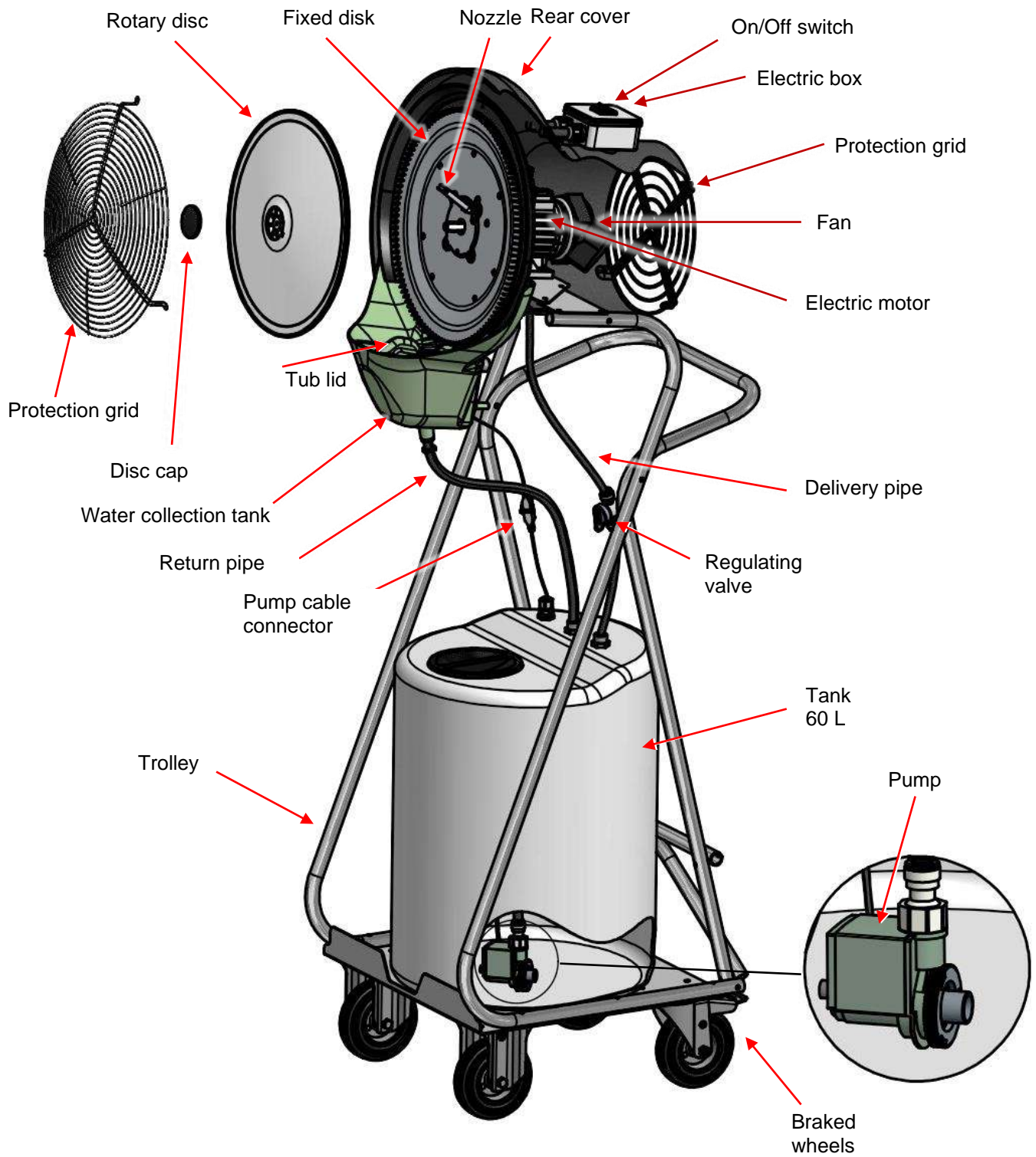


FRANCO s.r.l. – 12010 Cervasca CN (Italy)

Fig.1.9.1 CE Data plate

## 1.10 Description of the appliance

Main parts of the unit (Fig. 1.10.1)



## 1.11 Transport and handling



The machine is shipped in robust packaging. Take care when opening the packaging to avoid damaging components. Check the integrity of the machine by checking that there are no visibly damaged parts. Do not dispose of packaging elements in the environment: they must be placed in suitable collection areas. The UCP Fly Mobile is a wheeled unit that can be moved on flat surfaces without the aid of lifting and transport equipment.

**WARNING!** Before making any moves:



- a. stop the machine;
- b. Disconnect the machine from the mains;

If it is necessary to lift the machine, use a suitable lifting device (pallet truck, forklift truck, etc.). The weight is indicated on the nameplate and in the technical data table (see Section 5.1).

## 1.12 Warranty

This appliance is guaranteed for 12 months from the date of manufacture for all faults attributable to a proven manufacturing or material defect. The warranty does not cover all parts damaged by transport, bad or incorrect maintenance, neglect, incapacity for use, improper use, tampering by unauthorised personnel, and in any case causes beyond the control of Franco s.r.l. of Cervasca (CN). During the warranty period, Franco s.r.l. undertakes to supply, free of charge, those parts that are found to be defective at source. The intervention must be carried out by an authorised and qualified technician.

## 1.13 Manufacturer's identification data

**Manufacturer**  
FRANCO s.r.l.

**Legal - administrative headquarters**  
VIA NAZIONALE, 80 - 12010 CERVASCA (CN) - ITALY

**Contact**  
**Tel.:** (0039) 0171 - 61.16.63  
**Email:** support@francosrl.com  
**Web:** francosrl.com

## 1.14 Declarations

The machine to which this manual refers is manufactured in accordance with the relevant European Community legislation applicable at the time of its placing on the market. The machine is not among those mentioned in Annex IV of Directive 2006/42/EC.

## 1.15 EC Declaration of Conformity

### THE MANUFACTURER

**FRANCO s.r.l.**

*Company*

**Via Nazionale, 80**

*Address*

**12010**

*Postcode*

**CN**

*Province*

**Cervasca**

*City*

**Italy**

*State*

**DECLARE under their own responsibility that the machine**

**Humidifier / Cooler**

*Description*

**UCP Fly Mobile H25**

*Model*

**3109000**

*Article code*

**UCP Fly Mobile Humidifier/Cooler**

*Trade name*

**Room humidification/cooling**

*Intended use*

**complies with the following European Directives:**

2006/42/EC  
(2014/35/EU)  
2014/30/EU

Machinery Directive  
(Low Voltage Directive)  
Electromagnetic Compatibility Directive

**Harmonised standards and reference specifications used:**

EN 12100:2010  
EN 60335-1:2012 + A11 +A13 +A1 + A14 + A2 +A15:2021  
EN 60335-2-98:2003/A11:2019  
EN 60335-2-41:2003/A2:2010  
EN 60034-1:2010  
EN 55014-1:2017, EN 55014-2:2015, EN 61000-6-1:2016, EN 61000-6-3:2010

**Legal person authorised to set up the Technical File:**

**FRANCO s.r.l.**

*Name*

**Via Nazionale, 80**

*Address*

**12010**

*Postcode*

**CN**

*Province*

**Cervasca**

*City*

**Italy**

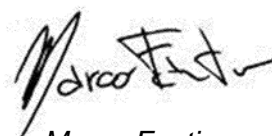
*State*

**Place and date of document**

Cervasca, 04/02/2022

Rev. 00/2022

**The manufacturer  
Signature**



**Marco Fantino  
Administrator**

## 2 - INSTALLATION

### 2.1 Preliminary Operations

In order to make the UCP Fly Mobile humidifier operational, it is necessary to have:

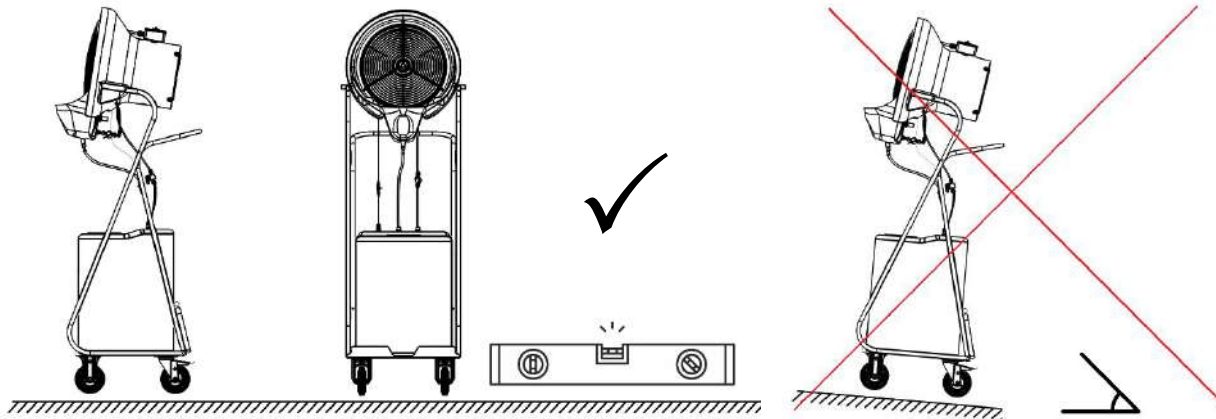
- Electrical network with voltage and frequency characteristics suitable for the machine, with earthing and protective devices;
- Ambient temperature during operation: must be between 1°C and 40°C
- Temperature of the water and liquids used: must not exceed 35°C.
- Drinking water with low fixed residue or treated water. The quality of the water affects the frequency of maintenance and the proper functioning of the humidifier.



**In particular, follow the prescriptions of standard UNI 8884 "Characteristics and treatment of water in cooling and humidification circuits", which requires a conductivity of less than 100  $\mu\text{S}/\text{cm}$  and a total hardness of less than 5°fH (50 ppm of  $\text{CaCO}_3$ ), or another equivalent national standard, to avoid the accumulation of limescale deposits or incrustations that could compromise the proper functioning of the appliance.**

### 2.2 Positioning

The UCP Fly Mobile humidifier must be placed on a flat, level surface in a horizontal position. When the machine is in the desired position, lock the two rear wheels using the brakes before starting it.



Observe the recommended minimum distances for proper machine operation.

To avoid the formation of condensation, maintain a distance of at least 1m between the humidifier and surrounding walls. The distance to the wall in front of the machine should be assessed according to the size of the room and the humidification or cooling requirements.

The unit is supplied as standard with a front and rear grille to protect the rotating parts (centrifuge disc, fan).



**Do not remove protective devices. Observe the safety distances from moving parts prescribed by standard UNI EN ISO 13857:2008. Any maintenance or repair operations requiring the removal of protections must only be carried out by qualified personnel, after having stopped the machine and de-energised it.**

## 2.3 Electrical Connections



- Ensure that the electrical installation to which the appliance is connected complies with the electrical safety regulations in force in the country of destination.
- Ensure that the supply voltage characteristics comply with what is stated on the nameplate of the device.
- Earthing is mandatory.

The unit is supplied as standard with a power cable with Schuko plug to be connected to a 230V 50Hz single-phase socket with earth. An ON/OFF switch is provided on the unit for manual start and stop.

## 2.4 Water supply

Manually fill the tank built into the machine (60 litre capacity) with clean water. For the characteristics of the water to be used, see Section 2.1. During operation, regularly check the water level in the tank on the scale and top up when necessary.

# 3 - OPERATION

## 3.1 Preliminary Operations

Before starting up the humidifier, check that

- The unit is placed in a stable, flat and level position with the rear wheels braked;
- The power cable is correctly connected to a grounded socket;
- The power cable is correctly positioned and not pinched or overstretched;
- The humidifier is free and clean;
- The water tank is full;
- The water supply and return pipes are connected.

## 3.2 First Start-up

- Set the switch to I (ON) (Fig. 3.2.1)
- Check the correct airflow direction and direction of rotation of the disc (Fig. 3.2.2);
- Open the water control valve and check that there are no leaks along the circuit.

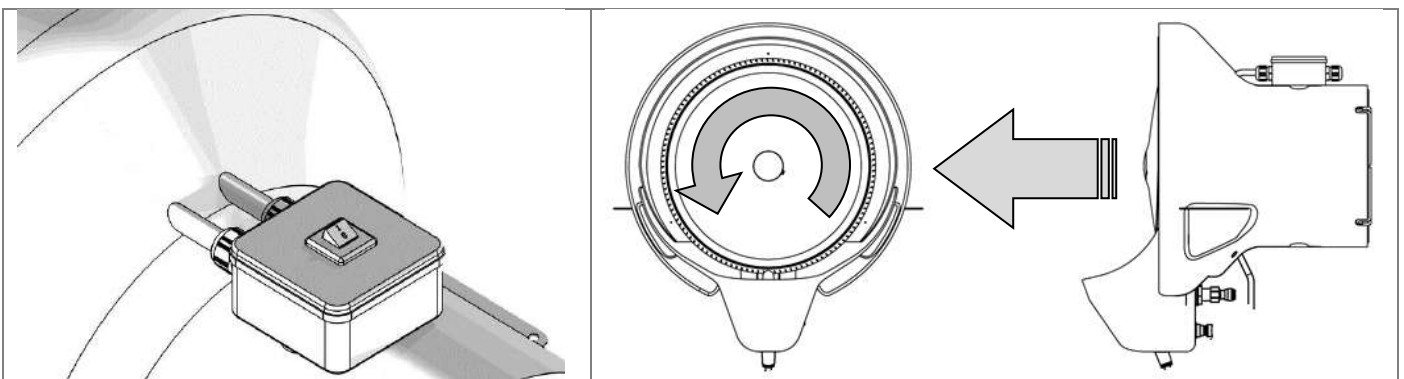


Fig. 3.2.1 Fig. 3.2.2



**The pump must never run dry. Add water to the tank regularly during operation to avoid damaging the pump.**  
**The temperature of the liquids used must not exceed 35°C**

### 3.3 Start-up and operation

As soon as the machine is powered up, the fan and pump start up. The pump, located at the bottom of the tank, circulates the water to the rotating disc, which nebulises it, and the fan generates a flow of air that distributes the mist produced in the environment. The unmisted water collects in the tank and is returned to the tank through the return pipe.

#### During operation:



- Regularly check the water level in the tank on the scale and top up according to the water consumption of the humidifier.
- Do not move the appliance while it is in operation. Switch off and unplug it before making any movements.

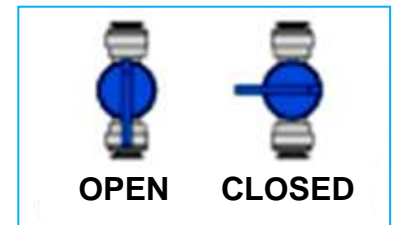


- Do not disconnect the power cord of the pump. The pump should only be disconnected when the machine is switched off and not energized for cleaning and maintenance.
- In case of stoppages or other faults, please refer to Chapter 7 'Troubleshooting'.

### 3.4 Setting the water flowrate

Adjust the water flowrate by acting on the regulating valve on the delivery pipe until fine atomisation is achieved without entrainment of droplets from the rotating disc. Centrifugal humidifiers produce droplets of varying sizes, on average between 10 and 30 µm. The size of the droplets produced depends on the flow rate setting and various environmental factors.

The UCP Fly Mobile is capable of atomising up to a maximum of 25 l/h of water. An excessive water flow rate could cause an increase in droplet size and adversely affect the mist quality.



### 3.5 Stopping

#### After each use:

- Switch the machine off by turning the switch to the '0' (OFF) position;
- Pull the plug;
- Empty the tank completely by removing the drain plug at the bottom of the front, after positioning the unit above a suitable drainage point.



#### **WARNING!**

**Stagnant water can cause the proliferation of bacteria and microorganisms that are harmful to health. It is therefore mandatory to prevent stagnation.**

**Drain the water from the tank regularly after use. Never leave stagnant water inside the tank when the machine is not in use. (see also chapter 4.2. "Cleaning the tank and reservoir").**

**In addition to safety reasons, regular water renewal is also necessary to keep the appliance clean and free of lime scale, mould, etc.**

## 4 - MAINTENANCE



**The operations described in this chapter must only be carried out by authorised and qualified personnel, using suitable personal protective equipment. Before carrying out any work, disconnect the appliance from the mains and water supply.**

Check periodically that the water flow to the centrifugal disc is correct. Adjust the flow regulator if necessary. Keep discs, tank and internal components clean to prevent dirt accumulation.

### 4.1 Disk Cleaning

- Keep the disc clean to prevent limescale build-up or dirt accumulation that could cause increased vibration or coarse spraying.
- To clean the rotating disc, use a soft, damp cloth and a non-toxic, solvent-free cleaning agent, wiping without pressing too hard.
- **Do not use solvents.**
- The hard disk must be cleaned with a brush with stiff bristles, rubbing the teeth being careful not to damage them. Any lime deposits can be removed with vinegar, lemon or another specific, non-toxic and solvent-free product.

### 4.2 Cleaning of the tank and reservoir

#### Emptying the tank and renewing the water (after each use)

- Place the appliance over a suitable drainage point and unscrew the front drain plug of the tank to completely remove the contained water.
- When the operation is complete, be sure to reinsert and tighten the drain plug.
- Before using the machine again, fill the tank with clean running water.

#### Complete tank cleaning

If more thorough cleaning of the tank is required, disconnect the pump power cable, disconnect the delivery hose from the pump, pull out the delivery and return hoses and remove the tank from the trolley to facilitate cleaning.

- Clean the inside of the tank using a non-toxic, solvent-free cleaning agent, possibly with the aid of a pressurised water jet to remove particularly difficult-to-remove dirt, encrustations, etc.
- Rinse and replace the tank on the trolley, making sure to reinsert the drain plug and reconnect the pump power cable, and the delivery and return hoses.

#### Cleaning the water collection tank

- Inspect and clean the water collection tray periodically.
- To access the tank, unscrew the two screws securing the cover and remove it.
- Clean the inside of the tub with a cloth or sponge by gently rubbing the walls. Do not use solvents.

### 4.3 Replacing and cleaning the pump

To replace the pump, proceed as follows:

- Disconnect the pump power cable;
- Remove the tank cover;
- Disconnect the pump from the bottom of the tank and pull it out through the filling hole;
- Disconnect the delivery hose from the pump to be replaced and connect it to the new pump;
- Insert the pump into the tank by securing it at the bottom using the suction cups;
- Reconnect the power cable and start the machine to check operation.

The pump does not require any special maintenance. However, it is advisable to clean the internal rotating parts periodically, depending on the quality of the water used. For this purpose:

- Disconnect and remove the pump from the tank as described above;
- Remove the delivery nozzle with the help of a screwdriver if necessary;
- Remove and check the rotor and impeller and clean them with lukewarm water and a brush. Any lime deposits can be removed with vinegar, lemon or special products. Do not use solvents;
- Refit the nozzle, reposition the pump inside the tank and reconnect the connector on the power cable.

#### 4.4 Replacing the rotating disc

- Remove the front protection grille by unscrewing the 3 fixing screws.
- Remove the central cap of the rotating disc by prying into the recess with a small slotted screwdriver (Fig. 4.4.1)
- Using a screwdriver (hexagonal 7), unscrew the rotating disc's M4x16 fastening screw to the motor shaft and its washer (Fig. 4.4.2).

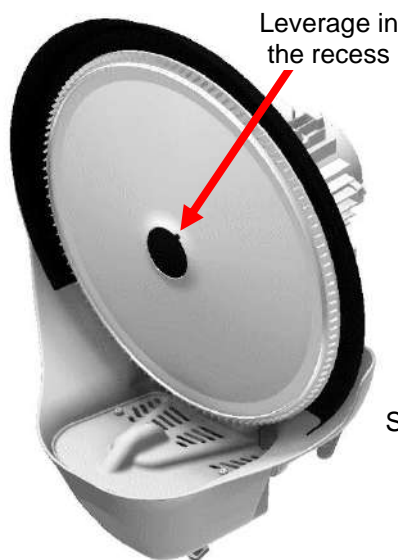


Fig. 4.4.1

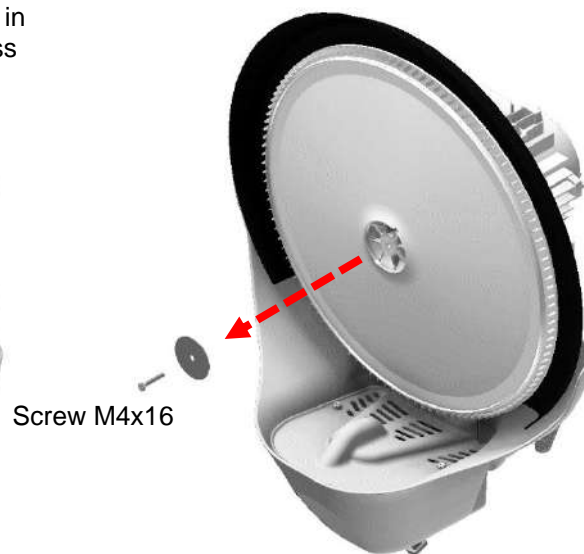


Fig. 4.4.2

- Insert the M8x40 screw supplied with the machine into the centre hole of the rotating disc (Fig. 4.4.3)
- Use a screwdriver spanner (hexagonal 13) to tighten the screw, which will push the disc out effortlessly as it enters the hole. (Fig. 4.4.4)

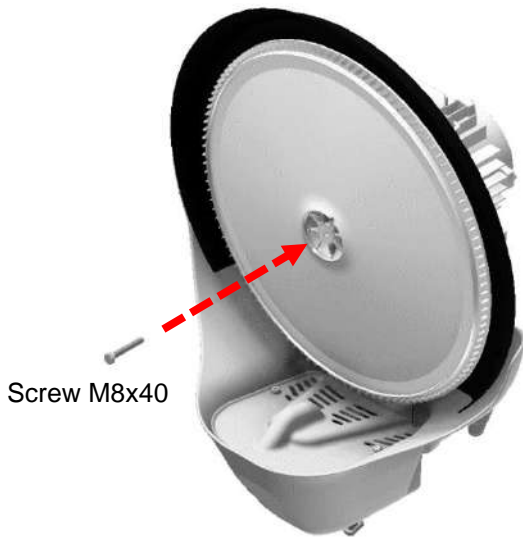


Fig. 4.4.3

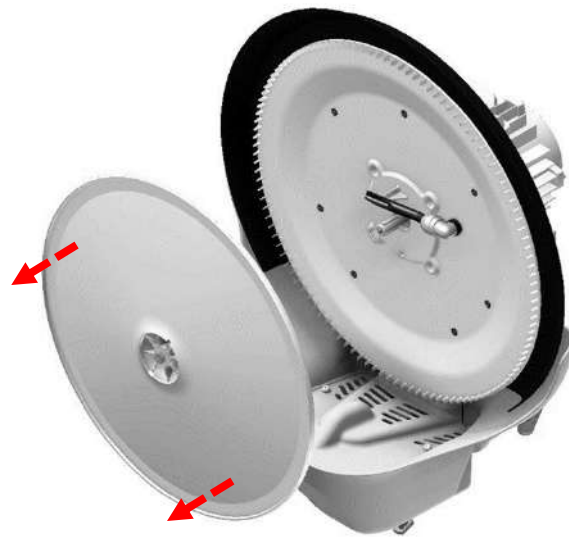


Fig. 4.4.4

- Once the disc is removed, remove the M8x40 screw by unscrewing it from the rotating disc.
- Apply a small amount of grease to the crankshaft and fit the new disc, checking the alignment of the keys and applying pressure to the centre, without knocking or forcing too hard. Replace the washer, M4 screw and plug. Check that the 4 mm thick spacer (see Section 5.3 "Spare parts list" Item 5) is correctly positioned between the fixed disc and rotating disc.

## 4.6 Replacing the nozzle

- After removing the rotating disc (see Section 4.4), remove the nozzle by unscrewing the two fixing screws.
- Push the grey ring on the elbow coupling (see Section 5.3 'Spare parts list' item 19) to the rear of the disc and, while holding it down, pull the nozzle to be replaced.
- Position the new nozzle by repeating the sequence in reverse.

## 4.7 Accessories

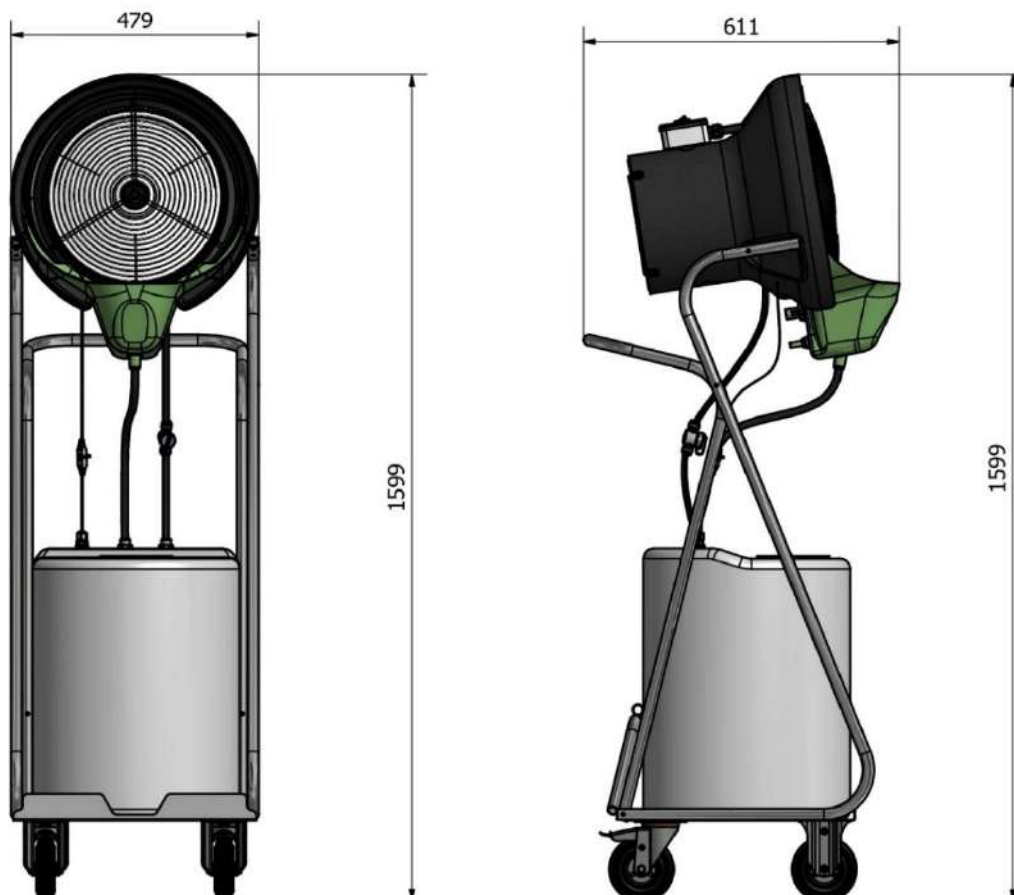
A complete range of accessories that can be combined with your UCP Fly Mobile is available on request. Ask your supplier for the accessories catalogue for more details.

**5 - TECHNICAL CHARACTERISTICS**

**5.1 Technical data**

Atomisation capacity	l/h	up to 25
Power supply		~ single-phase
IP rating		IP55
Weight	kg	27
Air flow rate	m <sup>3</sup> /h	1800
<i>Fan/humidifier motor</i>		
Power	W	347
Voltage	V/Hz	230/50
Current	A	2,1
<i>Pump motor</i>		
Power	W	33
Voltage	V	230/50
Current	A	0,1

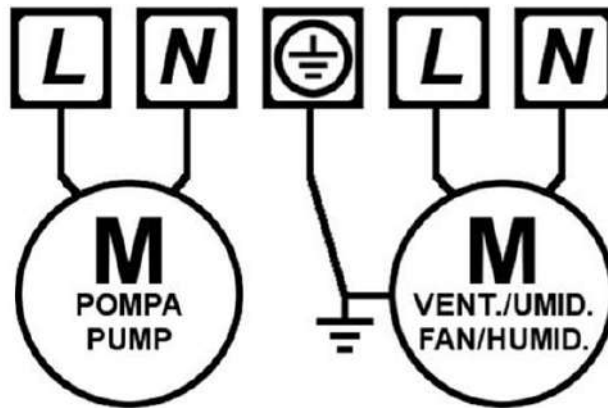
**5.2 Overall dimensions**



### 5.3 Electric Diagram

Ensure that the electrical supply voltage characteristics are in accordance with the specification table.

Install a magnetothermal differential circuit breaker in the power supply circuit upstream of the equipment.

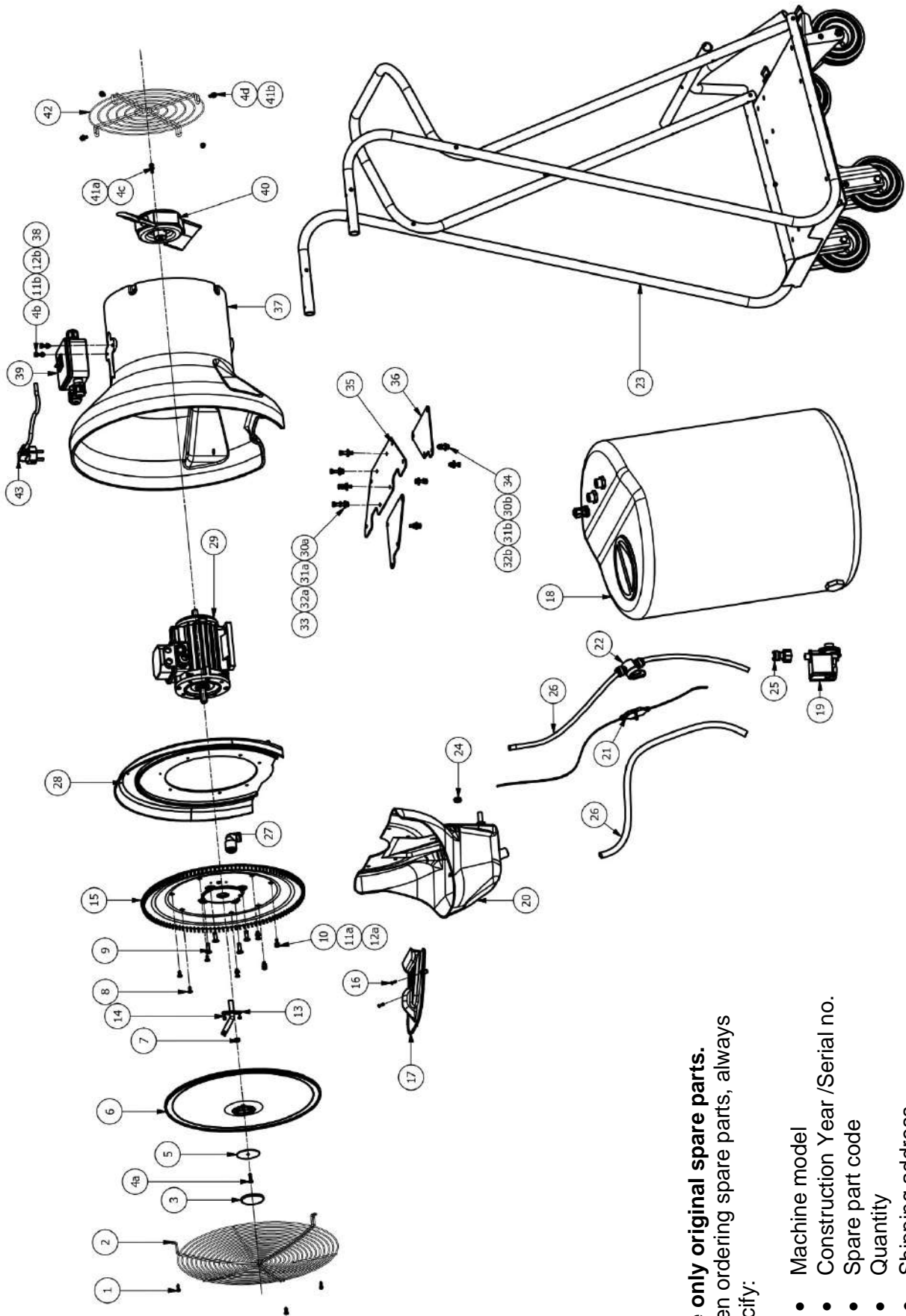


Also ensure that:



- all electrical connections have been made according to the instructions in this manual;
  - the earthing has been carried out correctly;
  - all applicable safety regulations have been complied with;
- If the power cable is damaged, it must be replaced by the manufacturer or its technical service department or a similarly qualified person in order to prevent any risk.

**6. SPARE PARTS LIST**



**Use only original spare parts.**  
 When ordering spare parts, always specify:

- Machine model
- Construction Year /Serial no.
- Spare part code
- Quantity
- Shipping address

Pos.	Code	Description	Qty
22	8202000	VALVE 3/8"	1
23	3102006	FULL TROLLEY	1
24	7303005	PASSAGE	1
25	8202008	STRAIGHT FITTING F 1/2" - 3/8"	1
26	3102005	3/8" SUPPLY/RETURN PIPE KIT	1
27	8202009	ELBOW COUPLING 3/8"	1
28	1800020	COMPLETE SHELTER	1
29	5001500	230V 50Hz MOTOR	1
30a	6003004	WASHER 5x15 DIN 125 - A 7.4	8
30b	6003004	WASHER 5x15 DIN 125 - A 7.4	8
31a	6003051	GROWER WASHER D.5 DIN 128 - A5	4
31b	6003051	GROWER WASHER D.5 DIN 128 - A5	4
32a	6002501	NUT M5 DIN 934	4
32b	6002501	NUT M5 DIN 934	4
33	6001006	T.E. SCREW M5x25 DIN 933	4
34	6001007	SCREW M5x20 DIN 933	4
35	3101010	MOTOR MOUNT	1
36	3101011	UCP-FLY SUPPORT	2
37	3101001	UCP-FLY BODY	1
38	6003005	WASHER M4x12 DIN 125	2
39	3105500	COMPLETE ELECTRICAL BOX	1
40	3105010	FAN UCP-FLY H15	1
	3105003	UCP-FLY H20 FAN	
	3105004	FAN UCP-FLY H25	
41a	6003007	DIN 125 WASHER - A 4.3	1
41b	6003007	DIN 125 WASHER - A 4.3	4
42	3101020	SAFETY NET	1
43	7004000	POWER CABLE+PLUG	1

Pos.	Code	Description	Qty
1	6002004	SCREW 4.2x9.5 DIN 7981	3
2	1801030	PROTECTION NET (10mm pitch)	1
	1801031	PROTECTION NET (30mm pitch)	
3	1800003	ROTATING DISC CAP	1
4a	6001001	SCREW M4x16 DIN 933	1
4b	6001001	SCREW M4x16 DIN 933	2
4c	6001001	SCREW M4x16 DIN 933	1
4d	6001001	SCREW M4x16 DIN 933	4
5	1801006	ROTATING DISC FIXING WASHER	1
6	1801002	ROTATING DISK	1
7	1801008	ROTATING DISK SPACER 4mm	1
8	6002000	SCREW 4.2x13 DIN 7982	3
9	6001502	SCREW M6x20 DIN 7991	4
10	6001501	SCREW M4x16 DIN 7991	4
11a	6003000	WASHER 4.3x9 DIN 125	4
11b	6003000	WASHER 4.3x9 DIN 125	2
12a	6002500	NUT M4 DIN 934	4
12b	6002500	NUT M4 DIN 934	2
13	1800022	UGELLO	1
14	6002003	SCREW 2.9x9.5 DIN 7981	2
15	1801012	FIXED DISC	1
16	6002002	SCREW 2.9x19 DIN 7982	2
17	1800017	TUB COVER (GREEN)	1
18	3107051	WATER TANK 60L	1
19	7308018	230V 50Hz PUMP	1
20	1806005	BATHTUB (GREEN)	1
21	7307008	CONNECTOR+CABLE KIT	1

**7. TROUBLESHOOTING GUIDE**



The operations described in this chapter must only be carried out by authorised and qualified personnel, using suitable personal protective equipment. Before carrying out any work, disconnect the appliance from the mains and water supply.

PROBLEM	CAUSE	SOLUTION
The machine does not start	Power failure, plug not inserted, switch on OFF	Check connections and mains
The rotating disc and fan do not rotate (or stop during operation) but water is recirculated by the pump.	No power to the motor	Check the motor power supply line
	The motor is defective	Check and replace the motor or capacitor if necessary
	Action of motor thermal protection (overheating)	Disconnect power, identify and eliminate the cause of overheating. Wait for the motor to cool down and restart the unit
The rotating disc and fan turn but the water is not atomised	Pump power failure	Check the pump supply line
	The water supply circuit is disconnected	Check the water supply pipe and the flow control valve
	The pump is clogged	Clean the pump and tank
	Air inside pump	Bleed the hydraulic circuit by disconnecting the hose from the control valve.
	The pump has failed	Check and replace if necessary
	The tank is empty	Check and top up with clean water
Atomisation is coarse	The fixed disk is dirty	Clean the fixed disk
	The rotating disc is too far away from the fixed disc	Check that the 4 mm thick spacer is correctly positioned
	Nozzle is dirty or clogged	Check nozzle, clean if necessary
The machine is noisy or vibrates	The rotating disc is broken or incorrectly mounted	Check and, if necessary, replace the rotating disc
	Defective motor or fan	Check and, if necessary, replace defective parts





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