596345
PEDESTAL MIST FAN
660MM (26")

TOOLEX® Industrial

INSTRUCTION MANUAL

CONSUMER SERVICE CENTRE
PO BOX 1012
HAMILTON NSW 2303 AUSTRALIA
Made in P.R.C.

N3570

CONTENTS

1. INTRODUCTION

Centrifugal spraying blower, spraying fan in using advanced centrifugal atomization theory, regardless of nozzle and water filtering device. Under the function of dumbwaiter and fog drop spreading device, water is using centrifugal force to produce super mini fog drop. Under strong fan function, fog drop blows out airflow, increases the evaporation speed of liquid surface, speeds up spreading of gas element, so the water evaporation is greatly increased. When water is evaporating, it can absorb heat, decrease temperature, improve air relative humid, reduce dust and purify air.

This product is of novelty design, reasonable structure and attractive appearance. The fan is using a three step variable speed motor. Atomization and vapour blowing use an independent motor to work, so they can be adjusted by users. This product is of stable quality, strong air flow, low noise, good cooling down , energy saving, long time usage and excellent straying function. This product is mainly used in places which need cooling down, such a mechanical, casting, finish forging, chemical, metallurgy, heat treatment, weaving, warehouse, glasswork, entertainment, supermarket, hospital, exhibition centre, garden, livestock farming workshops and so on.

2. SPECIFICATIONS

	Spraying Blower	Spraying Fan Motor
Part Number	596345	
Size	650mm	500mm
Power	<230W	550W
Voltage	240V	240V
Rotation Speed	2800RPM	2800RPM
Frequency	50Hz	50Hz
Air Flow	8280m^2h	11000m^2h
Steps	3	-
Shaking Angle	<90''	-
Effective Area	20m^3	50m^3
Temperature Decrease	3-5°C	4-6°C
Water Tank Capacity	36/60L	60L
Fog Flow	0-6Kg/h	0-12kg/h

3. ASSEMBLY

1. Use M6*12 Bolt and M10 nut to fix bearing and rotation wheel on the under frame
2. Fix supporting shaft.

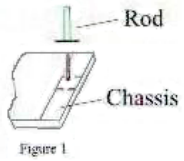

Figure 1

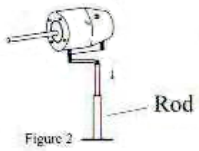

Figure 2

3. Put the water box on the under frame whilst fixing other components, to ensure the fan will not fall. Add water to the 1/2 cbm water tank, put water pump in the water tank. The plug and 6mm water pipe for the pump should go through the small hole in the water tank lid. Then cover the water tank lid.

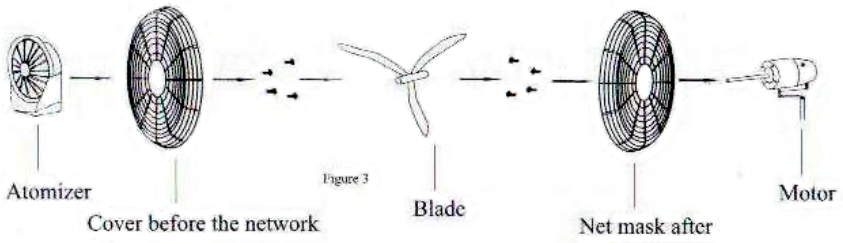

Figure 3

4. Plug in the motor connecting point to the supporting shaft, screw the bolt and adjust the motor position.
5. Fix the back net to the fan.
6. Install the fan to the motor axle.
7. Fix the atomoization to the front net by bolt, and then connect the front and back net.
8. Use stick to rotate the fan to check it can rotate normally. See fig. 4 and fig. 5.
9. Insert Core plug, dia 6mm, dia. 8mm water pipe of the automization respectively to the 4 core socket, 6mm, 8mm water in and out whole socket on the top of supporting shaft.
10. Plug 3 core motor plug in the 3 core socket.
11. Plug 2 core motor plug in the 2 core socket, plug 6mm water pipe to 6mm hole socket, 8mm water pipe to 8mm hole socket, the other side to the small hole in the water tank lid.
12. Insert fan power cable to the related power socket.

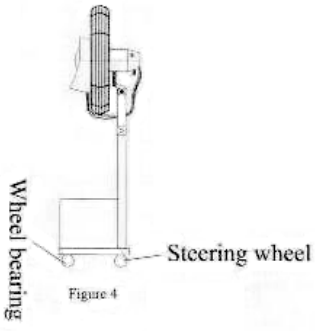

Figure 4

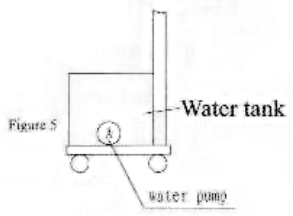

Figure 5

4. RUNNING & STOPPING THE MACHINE

1. After fixture, using a stick to check if the fan works and if the impeller is toucher other components or not.
2. The working voltage should be the same as the nameplate. When using plug power, it must confirm to IEC 335-1. If you use direct power, you must use a fixed distribution wire to fix the switch.
3. The rotation switch is of 3 steps adjustment.
4. When adjusting the fan shaking, the middle connecting pole should be static, the other two sides can rotate.
5. Until water tank is filled with water spraying cannot start.
6. When fan is working correctly, switch the fan off, then turn on the spraying switch.
7. Adjust the spraying capacity by adjusting the water valve.
8. If spraying is not required you can turn off the spraying switch.

5. CAUTIONS

1. Do not touch the fan with your hands or other objects
2. Do not operate the water pump without water. Add water to the tank in time, do not wet the power cable.
3. Do not use the spray when the fan is not working
4. Do not use the fan on uneven ground.
5. If power cable is broken please contact your nearest Toolex Supplier.
6. If fan is operating with abnormal noise turn it off immediately and contact your nearest toolex supplier.

6. SAFETY

AS/NZS 60745.1:2009 Instructions

WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

Work Area Safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal Safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection acilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

Power Tool Use & Care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Service

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

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