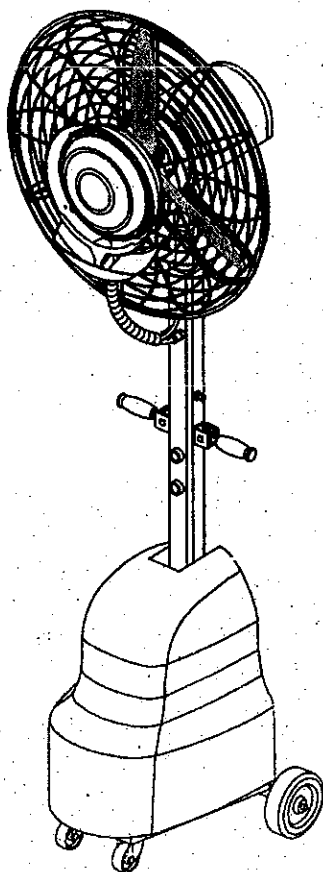


# MASTER FANS

MFS5-50 MFS5-65

## REMOVABLE CENTRIFUGAL MISTING FAN MANUAL

(Pls read this manual before operating this fan)



## GENERAL:

The model have large airflow,fast low temperature,saving power,low noise,good looking and easily using and maintenance.Which is popular for mine,polish,mill,outer restaurant, flower greenhouse,household,marketplace,field and other high-temperature place.The misting system adopts centrifugal design,which need not nozzles or filter,reasonable structure and easily maintenance.All the machines are checked carefully before packed,you need not worry about the quality.

## FEATURE:

- 1.The machine surface adopts out-door's epoxy coating,long life and rustproof.With waterproof electric,operate safely.Add handcart,move spry and lightly.
- 2.Misting and blowing have different motors,motors adopts high quality bearing,to keep stable performance, low temperature-rising,low noise and strong overload.
- 3.With advance misting system,mist volume can be adjusted.Water pump and floater switch collocat complete make work safely and stably.floater switch cut off pump and misting motor automatically when water is not enough for mist.
- 4.Using recycled water system,saving water.Misting time is long over 7 hours.

## USAGE:

- A)Follow below drawing steps to assemble all the parts.
- B)Open water tank cover,put enough clean water into the tank,cover it.
- C)Connected power supply,put fan switch first,then put water pump switch.According to mark adjusting mist volume as need.
- D)Three speed for the fan: "0" for"off", "1"for"low", "2"for "medium", "3"for"high"
- E)With pucker handle(see attachment 2). when use it, press button in the hadle, the handle open. repress button in the handle, it hide.

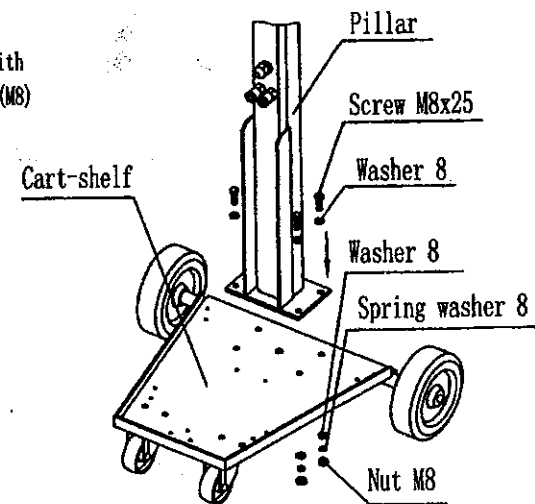
## OTHER INSTRUCTION:

- 1.Oscillation setting:cut off power first,after blade stopped,see(picture 3)oscillation controlled view,fan won't oscillate when set the adjusting screw at the center hole of oscillating fixture.
- 2.Floater switch system will cut off pump and misting motor when the water in tank is too little. Pls put enough clean water into the water tank while continue using misting function.

## Assembling sketch map:

### Step 1:

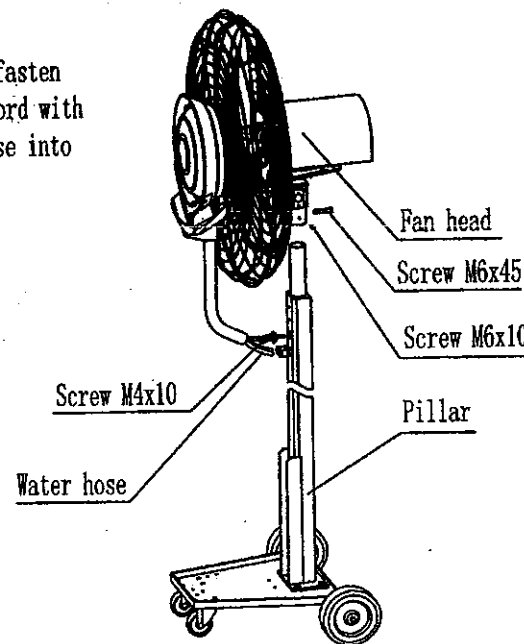
Fix pillar on the cart-shelf with relevant screws (M8x25) and nuts (M8) (see step.1)



《Step 1》

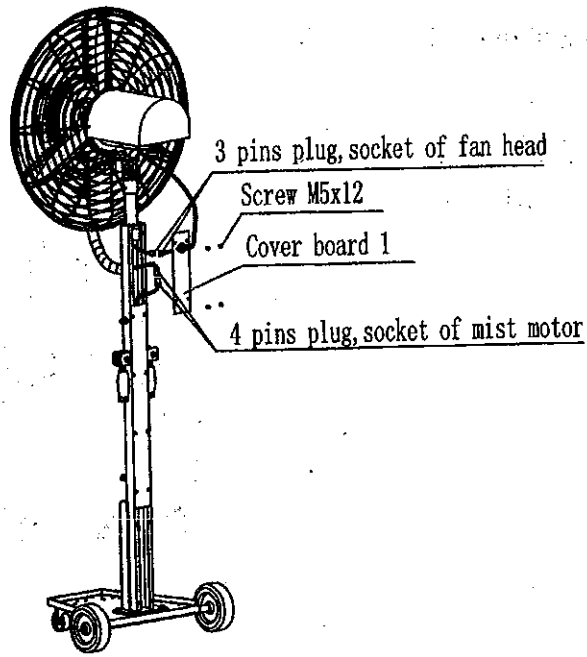
### Step 2:

Put fan head on the pillar, fasten M6x10 screw;then fix power cord with screw M6x10.put the water hose into correct hole



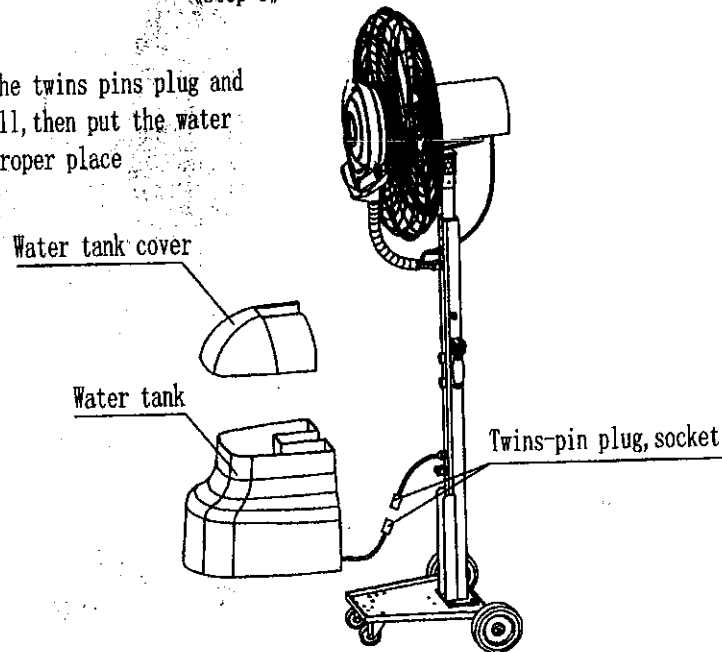
《Step 2》

Step 3:  
Connect plug and socket well, then fix the cover board with screw M5x12



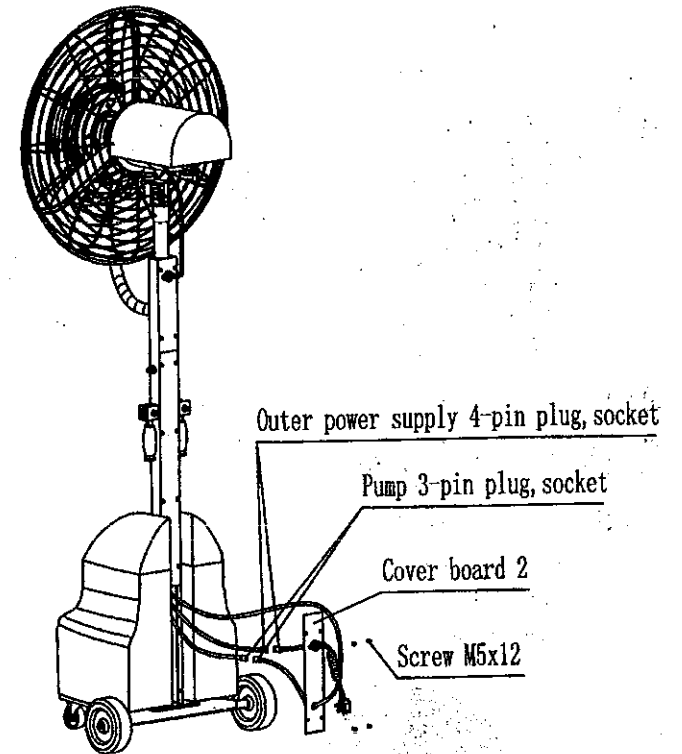
《Step 3》

Step 4:  
Connect the twins pins plug and socket well, then put the water tank in proper place



《Step 4》

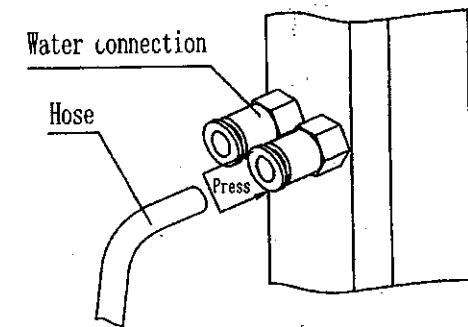
Step 5:  
Put pump in proper place of water tank, connect correlative plug and socket. fix cover board 2 with screw M5x12



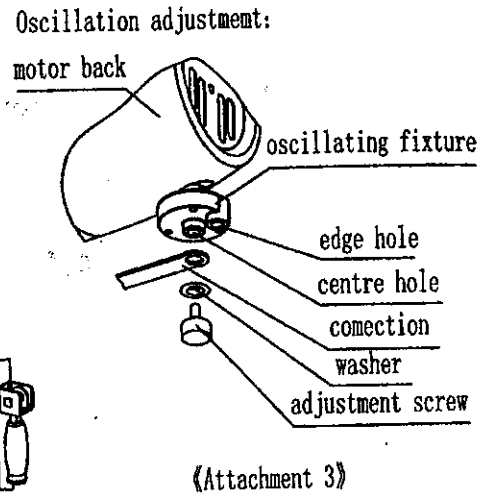
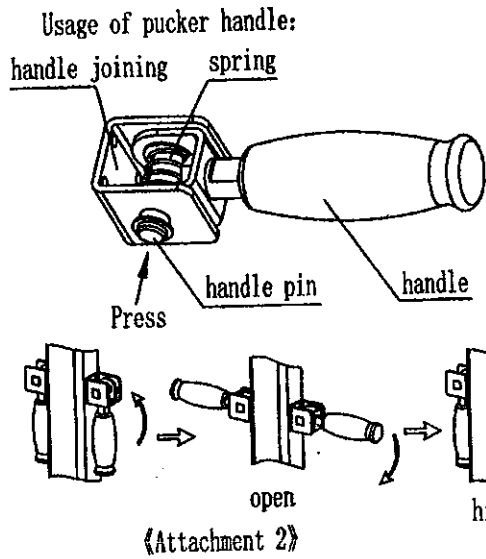
《Step 5》

Attached sketch map:

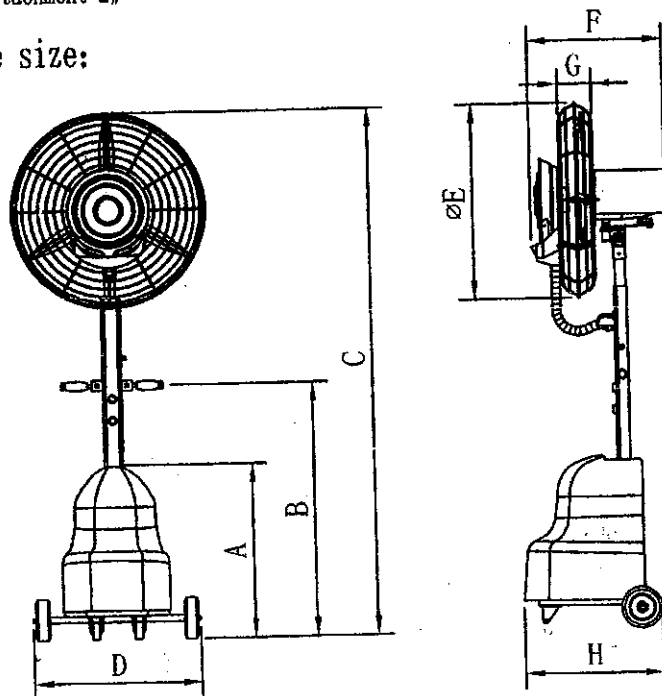
Connect and remove hose:  
Connect hose, push the hose on the end of the water connection; when remove hose, press in the water connection's plastic washer and keep, then pull out hose.



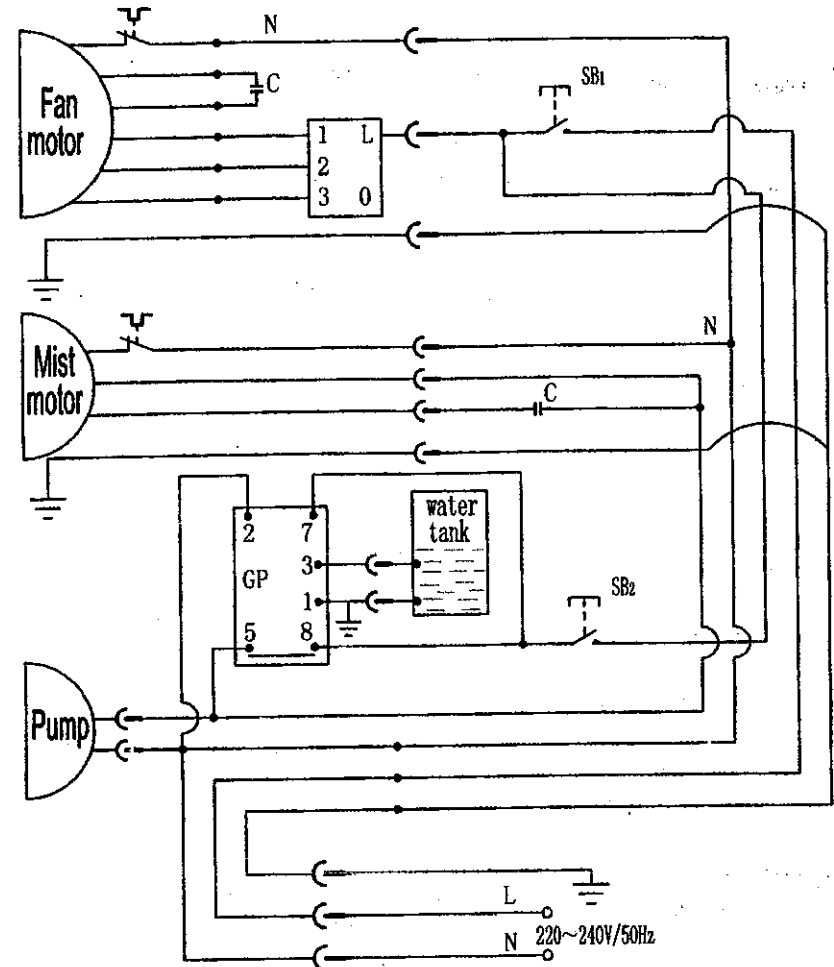
《Attachment 1》



Shape size:



Item	A	B	C	D	E	F	G	H
MFS-50	505	845	1790	550	ø560	435	125	490
MFS-65	635	940	1980	620	ø720	495	140	510



《WIRING DIAGRAM》

SPECIFICATION:

Model	Speed Spec	Speed 1				Speed 2				Speed 3				Mist Volume (Max) L/h
		Speed r/min	Capacity m <sup>3</sup> /min	Noise dB	Power W	Speed r/min	Capacity m <sup>3</sup> /min	Noise dB	Power W	Speed r/min	Capacity m <sup>3</sup> /min	Noise dB	Power W	
MFS-50		1050	115	55	140	1200	138	57	160	1350	170	58	180	4
MFS-65		1100	160	63	180	1250	180	65	200	1400	210	66	300	7.5

## NOTICE:

- Pls read this manual carefully before operate the fan. Also keep this manual well for future using.
- For your safety, It must be professional person to install, operate and repair the fan.
- Before connecting power supply, pls make sure local voltage, frequency are same as the nameplate.
- Must keep the machine connect earth well.
- Without waterproof structure inside, don't make any liquid into the machine to avoid short circuit.
- Pls cut off source power first when connection power cord; the power cord must be not less than  $\geq 0.75\text{mm}^2$  multiple flexible wire, also fix it on the down connection clip.
- When socket is used in power supply, the socket should meet the IEC335-1 standard; when power liner is from direct power supply, a polarity switch should be installed with contact gap not less than 3mm on the fixation wiring.
- Don't move or operate the fan when working.
- Don't block fan head when using swing to avoid damaged or overturn.
- Don't insert hands or any objects into the fan guards and misting plate when running.
- Children can not be near to the fan without adult.
- Pls rush cut off the power and send the machine to our factory or appointed repair store to repair by qualified maintenance man if the running emit unusual noise, smoke or machine blade can not run after power supply.
- Pls cut off the power before cleaning and repair.
- Don't install the fan in places where temperature is over 40, stock explosive or dust.
- For your to safety, don't open the cover of this fan.

## MAINTENANCE:

1. Pls seal the fan with plastic bag or move to dry place when install outside but raining.
2. In order to keep the machine beautiful, long life and wearing well, you should clean it in time, pls cut off the power supply before cleaning.
3. To ensure machine work smoothly, pls replace oil to the gear-box and bearing room and other rotatory part over 2000 hours (almost one time one year).
4. Clean the fan and seal the whole machine with plastic bag and put in dry, ventilating place when it is not used for long time.
5. Clear the pump regularly in order to make it running smoothly, Pls confirm supply clean water for the water tank and clean water tank timely.

## WARNING:

1. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
2. The product is not for people who are physically weak, slow to react or mentally impaired (including children) to use, unless there are guardian to instruct and help. Children must be supervised to use the product, ensuring that they do not play with the appliance.