

# MIST MAKER MANUAL

## INSTRUCTIONS

Thanks for selecting & using our MIST MAKER. For proper using it, please read the manual instructions carefully before operating, and confirm to keep it well for speeding reference & setting a problem while you catch a problem for using it in future.

### FEATURES & FUNCTIONS

- Design your own attractive air humidifier with some imagination and the MIST MAKER.
- Integrate the MIST MAKER with floral decoration, indoor fountains, terrariums or ponds, you will be surprised how many uses it has.
- Following the principle of medical inhalators, the ultrasonic mist maker generates water smoke. An optimum room climate can thus be created.
- The high brightness LED Lamps are installed properly on the surface of the MIST MAKER, it generates comfortable & relaxing multi-color lighting.
- It is designed with IC & omniseal, confirmed it for a long time dunking use in the water.
- There has a water-lever sensor switch to switch off the unit automatically while the water is not enough, avoiding damaging the ceramic disc due to it continue to work at no water.
- It is easy to clean & replace the ceramic disc. Please refer to the following drawing No.1.

### TECHNICAL DATA

Working Voltage (VDC)	Working Electric Current(A)	Ultrasonic Frequency(KHz)	Ceramic disc spec.(mm)
24	0.50~0.60	1700±40	φ 16
Generate mist (ml/h)	<b>Water temp. Range(°C)</b>	Ceramic disc plated material	Lifespan of Ceramic Disc(hour)
≥250	<b>0~50</b>	Nickel or Titanium	≤3000

### OPERATING PROCESS

1. For initial use, be sure the input voltage marked on the transformer must be same as your local power supply. If not, please do not use it until get a correct transformer from your local distributor.
2. Place the MIST MAKER into a water container placidly, and pour into enough clean water. If the water is not enough to submerge the water-lever sensor switch, it can not generate mist; But if the water depth is too high, the mist is small or even no mist generated. Please refer to the following drawing No.2 for the best water lever. The MIST MAKER shall generate

- calori when it is working, the water temperature shall be rising, recommend to use it in a big volume or a good radiating water container.
3. Place the transformer in a drafty place, and far away moist place.
4. Connect the MIST MAKER with the transformer properly.
5. Plug the transformer into power supply and electrify, if it is correctly installed, it will start to work immediately.

### NOTICE & CAUTION

1. Be care of the water lever sensor switch, don't hold it to take up the unit or scratch or bump with hard thing, to avoid damaging the water lever sensor switch.
2. Don't move the unit or pluck cable when it is working. For the best mist effect, don't place anything at range of 10cm height above top surface of the mist maker, such as cable, containers, etc. If put your finger above the ceramic disc, the ultrasonic vibration shall hurt you, but it is not electric shock.
3. For safety use & get the best mist effect, please try to place the unit placidly, and the biggest gradient shall be not over 15 degrees.

### MAINTENANCE & SERVICE

1. Be sure to pour clean water and replace water in the water container timely.
2. Clean the ceramic disc and the surface of the mist maker with soft cloth or cotton sticker in clean water. Prohibited to touch or scratch the ceramic disc or the water lever sensor switch. Don't use washing power to clean any part of the mist maker.
3. If the unit can't generate mist after running some time, please check and confirm there has enough water in the container. Meanwhile, if the LED lamp is also off, please check whether it has been electrified.
4. If the unit can not generate mist, but only water spray, the unit is good, the water in the container is dirty, just replace the water in the container shall start to normal work again.
5. After running some time (approx 3000 hours), the mist shall be reduced, then it need to install a new ceramic disc. Please purchase a new ceramic disc & tool from your local distributor, and refer to the following drawing No.1 and specification to install the new ceramic disc.
  - a. Unplug the unit and remove from water container.
  - b. Insert the Tool into the winding ring and unscrew along counter clockwise.
  - c. Remove the winding ring and old ceramic disc.

**IMPORTANT**, note the front and back of the ceramic. Be sure to reinstall with the correct side (No black color ring side) facing up.
  - D. The inside area of the unit cavity must be completely dry before the parts are installed.

## PARAMETER OF MIST MAKER UNIT

Limited temperature: +5~40°C

Water rate: 90mL/H

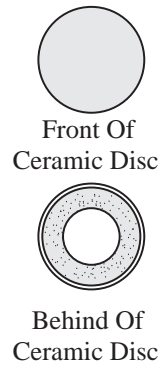
Depth of water limited : 45~65mm

Rate voltage : 12W

Output voltage : AC 24V

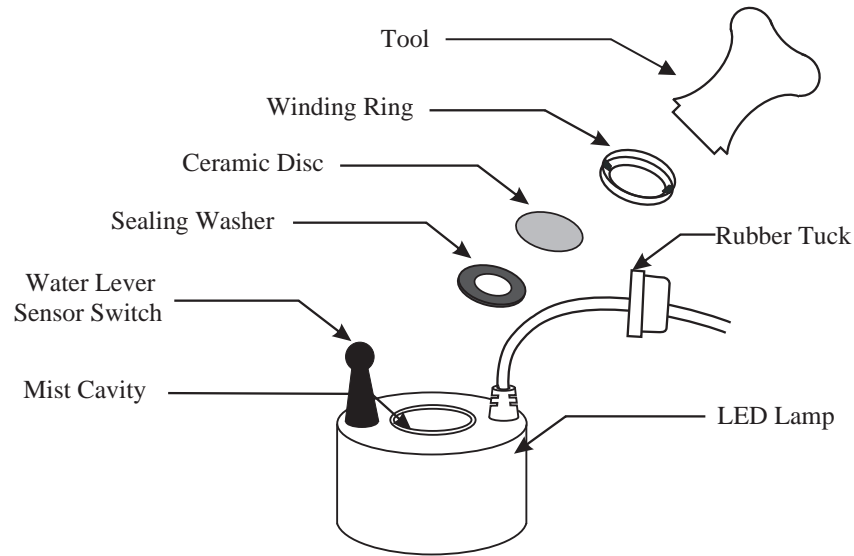
Output electric current: 0.5A

Matching transformer have CE,GS,  
BS,UL,CSA,PSE,SAA

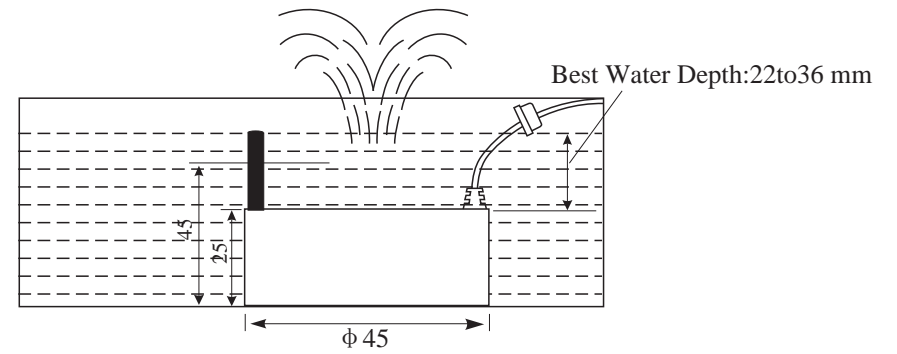


Front Of  
Ceramic Disc

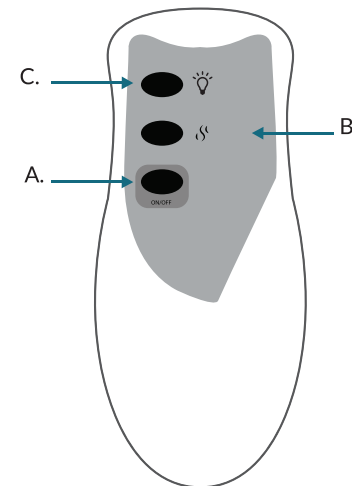
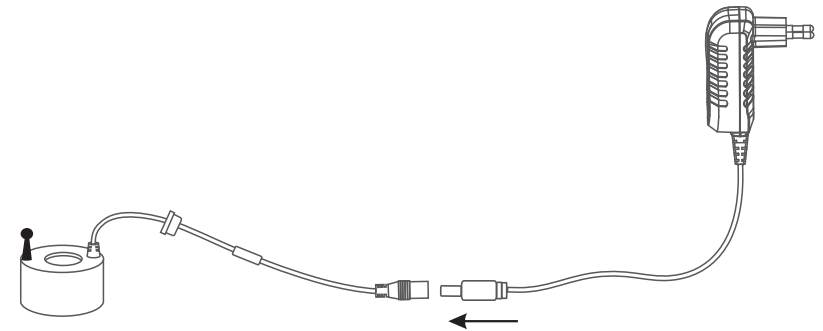
Behind Of  
Ceramic Disc



<1>



<2>



### Remote Function :

A: On/Off

B: Mist on/off

C: light color changing/freeze the color/off