

# **BJA2000 USER MANUAL**

**(2000ML/L ULTRASONIC ATOMIZER)**

Beijing Ultrasonic CO., LTD

—: Specification

Type	BJA2000
Size	155*90*30mm(length*width*height)
Power	150w
Atomization Amout	2000ml/h
Input Voltage	AC 200-240v /50Hz 100-120v/60Hz
Output Voltage	AC36V
Size of piezoceramics	20*1.7MHZ
Working temperature	+1℃~50℃
Level of water	40~80mm
Length of cable	5M
Input current	3.5A-4A
Overheating protection	50℃

Picture:



## 二: Brief Introduction

ultrasonic negative ionizing mist maker is technological product, which its integration of aroma diffuser and air refresher, help to freshen air, and the mist will add air humidity and clear static electricity, all the things are well for human body. If adding one or two drops of disinfectant or aroma liquid, not only it can disinfect and sterilize the air, but also make the room full of fragrant air.

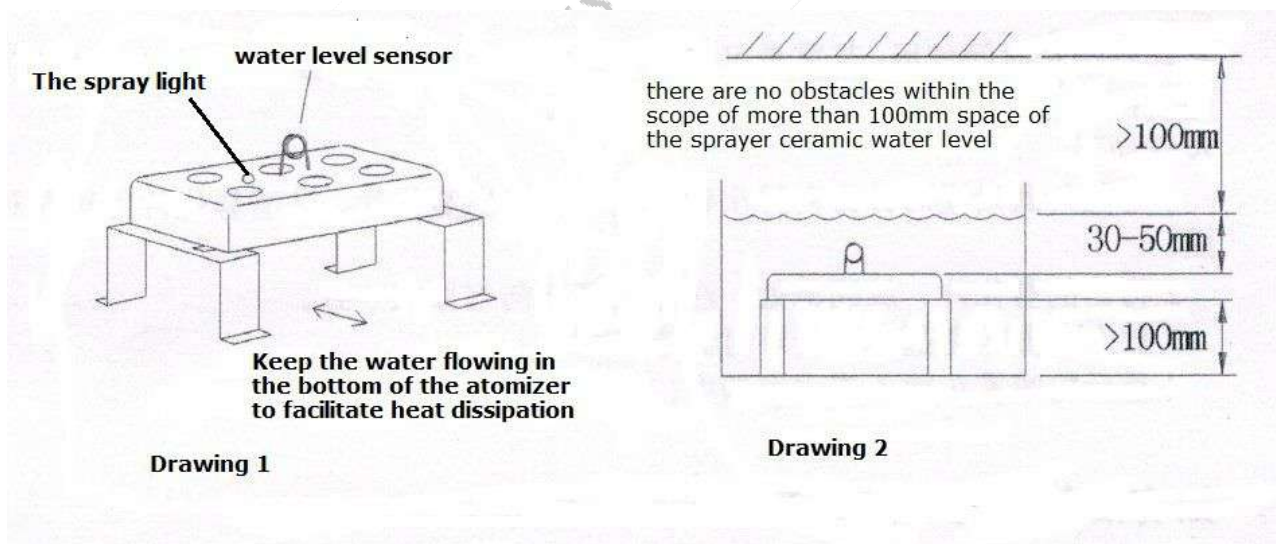
Make sure put the mist maker in water, it can easily be misting. Its wide usage is in different craft article, rokery garden fountain decoration and beautification range, also in the hotel place, even the appliance installation of industry humidification.

## 三: Operating Instructions

1. When take out the mist maker from the package (please don't crash the water level sensor). Please put the mist maker placidly on the height of no less than 100mm bracket (float) (please check the drawing 1), then put it in the water container

(the best working effect is keeping 30mm to 50mm of water above ceramic disc, if water is too deep, it can not spray mist, but if water is too shallow, it will stop to spray mist automatically, also when the water-lever sensor switch is out of water. It will also stop to work)

Pls notice that there are no obstacles within the scope of more than 100mm space of the sprayer ceramic water level (please check the drawing 2).



2. The Spray indicator light will be bright after connecting the mist maker with power supply, then the ultrasonic atomizer will work.

If the spray lights flash and the atomizer don't work, this mean that there was not enough water.

3. As the mist maker normally working, the water in the container will constantly evaporate, when



the water is below the water level sensor, it will automatically be protected and stop misting, at this time the spray lights will flash. After adding the water above the water level sensor, it continues misting.

4. At the beginning of the work, the atomization quantity may be small, it will be stable misting and become large after working sometime. When the winter is coming, the weather will affect the misting rate, you can put some hot water to speed its stable misting rate.

5. When you don't use the mist maker for a long time, please make sure pull the transformer/adapter input lead wires out, which can avoid the accident/ unfortunate happening.

#### **四: Matters Needing Attention, Services and Maintenance**

1. Pls operate them according to our instructions. Check the input voltage of transformer(generator) if it's suitable your local voltage standard before using.

2. When the mist maker normally work, inevitable meeting produces certain heat caused by temperature rise, at this time, we need to pour enough water in the container to heat eliminate. Generally the volume of water should be greater than 30 litres (in order to ensure the mist maker normally working, it should be enough water in the container, so pls make sure more than 30 litres water in the container).

The bottom of mist maker can't be less than 100mm high away from the container, or can't be less than 15 litres water in the container. This can improve the heat dissipation capacity, if the water under the floating status or well elimination condition, the water will be reduced.

3. Please don't be covered by sundries above the mist maker, and hold more than 100mm space of the sprayer, also can't put the atomizer in the sealed container.

4. Please don't let the mist maker work under the high temperature water, when the temperature exceed 50°C, the hyperthermia/ superheating protection can play the important part, the misting will be stopped, only the indication light shines, when the water temperature is below 40°C, it will normally continue working. It is not allowed to work under the freezing environment.

5. Please don't put it beside the TV or other electric equipment, avoid from damaging them when the mist maker produces misting

6. Suited Transformer/Adapter/Generator should keep away from the sprayer, and the sprayer water can spill out and make it wet directly, due to the plug which is connected to the sprayer can't be put it into the water or wet.

7. In order to ensure the mist maker/sprayer/atomizer normally working under the nice

environment, please change the water every week, and use the clean soft cloth or rag to clean the ceramic and water level sensor, but don't use the chemical agent to clean, even also can't use hard or edge tool.

8. When the mist maker works, don't put your hand above the sprayer, or else it will make you smart feeling.

9. Although the adapter (transformer) for mist maker is used in outdoor, but it can't allow to be put into the water.

### **五: Replace Method of Disc Piezoelectric Ceramic**

after the mist maker is used for a long time, its misting rate will be reducing, you can replace the ceramic disc to make it normally working at this time.

Methods as follows:

1. Use the ceramic disc key to wring out the copper ring with anticlockwise direction, and take it out, please see clearly the ceramic disc face and bottom side.
2. Put the new ceramic disc on the original place (Please take attention to the installation direction accorded with the same as original one.)
3. Put the copper ring, and use the ceramic disc key to screw down with the clockwise direction.
4. Please put the mist maker in the water container again, it can normally work as before.