

# ULTRASONIC ATOMIZER 250ML/H



## Description:

In an ultrasonic mist maker/humidifier (also called an ultrasonic atomizer), a piezo atomizer disc/transducer (ceramic humidifier) works by transposing high-frequency sound waves into mechanical energy that is transferred into a liquid, creating standing waves.

Humidifiers are invaluable solutions for helping to relieve the adverse effects of dry wintry air, alleviate common cold symptoms and certain respiratory illnesses, and boost your overall comfort. Ultrasonic atomization can be roughly divided into three types in terms of principles:

pure piezoelectric vibrator atomization, microporous piezoelectric vibrator atomization, and amplitude transformer transducer atomization, among which the pure piezoelectric vibrator is the most common type of ultrasonic atomization.

Here some benefits of ultrasonic mist maker/humidifier:

Increasing the humidity in your home helps eliminate the dry air and makes the air feel warmer. This can mean you'll run your heat a bit less and save money on your bills! Humidified air can relieve the discomfort of colds and the flu.

Reduce damage to wooden items in the home.

Wooden furniture can become damaged, wooden floors can get creaky, and instruments can become out of tune.

Even wallpaper can begin to peel!

Note: United States Environmental Protection Agency (USEPA) provides detailed information about health risks as well as recommended maintenance procedures. If the tap water contains a lot of minerals (also known as "hard water")

then the ultrasonic or impeller humidifiers will produce "white dust" (calcium is the most common mineral in tap water), which usually spreads over furniture, and is attracted to static electricity-generating devices such as CRT monitors.

The white dust can be prevented by using distilled water or a demineralization cartridge in ultrasonic humidifiers. In addition, a stuck or malfunctioning water supply valve can deliver large amounts of water, causing extensive water damage if undetected for any period of time. A water alarm, possibly with an automatic water shutoff, can help prevent this malfunction from causing major problems.

### **Features:**

Housing Material: zinc alloy

Power Supply Voltage: DC 24V 1200mA

Operating Frequency: 1700±50 (KHZ)

Plug: Female plug

Atomization Head size: 46mm x 25mm

Effective Water Level: 45mm ~ 65mm

Water Level Sensor Switch: door type high H20mm

Line Length: 1.2 meters (conventional)

Color: red, yellow and blue colorful interchange

Working Temperature: +5 ~ 45 degrees Celsius

Best Working Water Level: 10-30mm

Atomized Piece Size:Φ 16,

Atomization Amount: 200 ~ 250ML/H

Atomization Head H: 25mm