

Product Applications

1. Clean Rooms
2. Hospitals and Operating Rooms
3. Laboratories
4. Museum and Libraries
5. Test Chambers
6. Precision Application
7. Pharmaceutical production
8. Textiles production
9. Art Galleries & Antique Preservation
10. Printing
11. Tobacco Processing
12. Timber processing
13. Data Centre
14. Respiratory Illness
15. Automotive production
16. Mushroom Growing & orchid Cultivation
17. Semi Conductors manufactures



Advance Humidifier

A metal diaphragm vibrating at an ultrasonic frequency creates water droplets that silently exit the humidifier in the form of a cool fog. Ultrasonic humidifiers use a piezo-electric transducer to create a high frequency mechanical oscillation in a body of water. The water tries to follow the high frequency oscillation but cannot because of its comparative weight and mass inertia. Thus, a momentary vacuum is created on the negative oscillation, causing the water to cavitate into vapor. The transducer follows this with a positive oscillation that creates high pressure compression waves on the water's surface, releasing tiny vapor molecules of water into the air. This is an extremely fine mist, about one micrometer in diameter, that is quickly absorbed into the air flow.

Type : 1. Advance Ultrasonic Portable Humidifier 2. Advance Portable Electric Humidifier 3. Advance Ultra Sonic Industrial Humidifier 4. Evaporative Humidifier 5. Advance Heavy Duty Industrial Ultrasonic Humidifier

Advance Wick Humidifier Model- AIHWZS0001

The most common humidifier, an Wet film, "evaporative", "cool mist", or "wick humidifier", consists of just a few basic parts: a reservoir, wick and fan.



Technical Specification



ADVANCE ULTRASONIC PORTABLE HUMIDIFIER

(Model - AIHU350)

Special Features

360° C rotatable jet for an optimal distribution of the steam
Removable water tank for easy filling and carrying
Automatically shut off when water tank is empty
Low power consumption only 38W
Water capacity : 2.2/3.5L
Water working time : 9-11 Hours
Whisper quiet : < 32dB
Humidifying capacity : Up to 500 sq.ft/46m² Evaporating Rate



ADVANCE PORTABLE ELECTRIC HUMIDIFIER

(Model - AIHE150)

(Stainless Steel)

- Stainless Steel Body
- Evaporation 3-5 Ltr.P/H
- Water Pressure 5PSG
- Atomizing Capacity : 30-50 ml/min
- Manual timer (Optional)
- Float Valve (Optional)
- Uniform distribution

Power Supply : 220-240 VAC/50 Hz
Operating Load : 100W
Water Capacity : 1.5 Litre
Dimensions : (L x W x H) (13" x 13" x 15")



Advance Ultrasonic Industrial Humidifier

Model Number

AIHUG030Z

Humidification Capacity

3 Kg/h

Voltage/Cycle

220VAC/50 Hz

Work Temperature

-5-40°C

Humidity Controller

Auto

Power Input (w)

850 W

Dimensions (mm)

650 x 460 x 610

Air Volume

350 m³/h

Mist Hole

110 mm x 1

Control

AIHUG060Z

6 Kg/h

220VAC/50 Hz

-5-40°C

Auto

950 W

650 x 460 x 610

800 x 460 x 610

1100 W

1200 W

800 x 460 x 610

350 m³/h

110 mm x 1

Humidity / Time

AIHUG090Z

9 Kg/h

220VAC/50 Hz

-5-40°C

Auto

1100 W

800 x 460 x 610

1500 W

1200 W

900 x 620 x 680

350 m³/h

110 mm x 2

Humidity / Time

AIHUG120Z

12 Kg/h

220VAC/50 Hz

-5-40°C

Auto

1500 W

900 x 620 x 680

1800 W

1500 W

900 x 620 x 680

350 m³/h

110 mm x 3

Humidity / Time

AIHUG150Z

15 Kg/h

220VAC/50 Hz

-5-40°C

Auto

1800 W

1800 W

1800 W

900 x 620 x 680

350 m³/h

110 mm x 3

Humidity / Time

AIHUG180Z

18 Kg/h

220VAC/50 Hz

-5-40°C

Auto

60 W

60 W

60 W

900 x 620 x 680

350 m³/h

110 mm x 3

Humidity / Time

AIHWZS0001

16 l/Day

220VAC/50 Hz

-5-40°C

Auto

60 W

60 W

60 W

1003 x 585 x 480

350 m³/h

Humidity / Time

PRODUCT FEATURES

- AIHUG series Ultrasonic mist humidifier adopts integrated mist module inside. The chip is replaceable. It is easy to maintain, and boasts high humidification efficiency.
- Diameter of fog output is only 1-10u. Maximum relative humidity reaches 99%.
- Intelligent control, accurate humidity control: Humidity control system with imported world leading probe. The control precision is within + 5%.
- Easy to move, convenient to install
- Able to move, and able to be mounted on external wall. Both automatic and manual humidify control are available. It depends on you.
- Stainless steel body, clean and reliable
- Equipped with standard water feeding gap, water release switch, overflow gap etc. The water feeding gap will fill water automatically.
- Wet Film Humidifier Model- AIHWZS0001
- Micro-computer LCD Display
- 5% Humidity Exact Control
- Environment protection products with no compressor, no coolant, no pollution, Wheels for easy to move
- All plastic shell, streamline design, elegant Operation Easily
- Automatic warning when lack of water
- Air purifying, with the function of beauty