

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
18. Abattoirs
19. Concert Halls/ organs
20. Media Devise manufacture
21. Food Manufacturing
22. Medical Devices
23. Electronics
24. Hatcheries
25. Static Elimination
26. Offices
27. Hotel Rooms
28. Nursing Home
29. Clinics
30. Homes
31. Computer Rooms
32. Electronics
33. Parting
34. Plastic
35. Gun Powder
36. Heating
37. Fresh Store
38. Offshore oil exploration
39. Harvested Crop Storage
40. Explosives manufacture
41. Food
42. Planting



43. Artificial Landscape
44. Control Environment Chambers
45. Blow room & Mixing Area of Textiles
46. Yarn Conditioning & Packing Section
47. Q. C. Laboratories & Research Chambers
48. Weaving & Knitting Units
49. Cold Storage Rooms
50. Curing Sections
51. Battery Industries
52. Greenhouses & Nurseries
53. Chicken Breeding & Horticulture
55. Tea & it's Production
56. Paper & Pulp Mills
57. Cement industries



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")



(Model – AIHE500)
(Stainless Steel)
• Stainless Steel Body
Evaporation 3-7 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 : 120W
Water Capacity: 5 Litre
Dimensions : (L x W x H) (15" x 15" x 17")



(Model – AIHE800)
(Stainless Steel)
• Stainless Steel Body
Evaporation 4.0 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 : 150W
Water Capacity : 8 Litre
Dimensions : (L x W x H) 17 1/4" x 17 1/4" x 17.5"



Advance Ultrasonic Industrial Humidifier

Model Number	AIHUG030Z	AIHUG060Z	AIHUG090Z	AIHUG120Z	AIHUG150Z	AIHUG180Z	AIHWZS0001
Humidification Capacity	3 Kg/h	6 Kg/h	9 Kg/h	12 Kg/h	15 Kg/h	18 Kg/h	16 l/Day
Voltage/Cycle	220VAC/50 HZ	220VAC/50 HZ	220VAC/50 HZ	220VAC/50 HZ	220VAC/50 HZ	220VAC/50 HZ	220VAC/50 HZ
Work Temperature	-5-40°C	-5-40°C	-5-40°C	-5-40°C	-5-40°C	-5-40°C	-5-40°C
Humidity Controller	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Power Input (w)	850 W	950 W	1100 W	1200 W	1500 W	1800 W	60 W
Dimensions (mm)	650 x 460 x 610	650 x 460 x 610	800 x 460 x 610	800 x 460 x 610	900 x 620 x 680	900 x 620 x 680	1003 x 585 x 480
Air Volume	350 m ³ /h	350 m ³ /h	350 m ³ /h	350 m ³ /h	350 m ³ /h	350 m ³ /h	350 m ³ /h
Mist Hole	110 mm x 1	110 mm x 1	110 mm x 2	110 mm x 2	110 mm x 3	110 mm x 3	
Control	Humidity / Time	Humidity / Time	Humidity / Time	Humidity / Time	Humidity / Time	Humidity / Time	Humidity / Time

PRODUCT FEATURES

- AIHUG series Ultrasonic mist humidifier adopts integrated mist module inside. The chip is replaceable. It is easy to maintain, and boosts 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 boy, 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