

TRIPTI

ISO 9001:2015 company

INDUSTRIAL ULTRASONIC HUMIDIFIER





HOW IT WORKS

- Ultrasonic humidifier has a high frequency oscillator. The output is fed to "Piezo-electric transducers".
- The "Piezo-electric transducer " creates a high frequency oscillations in the water.
- The water cannot follow the high frequency oscillations, thus a vacuum is created on the negative oscillation, causing the water to cavitate into vapor.
- A positive oscillation ceates compression waves on the water's surface, releasing vapor molecules of water into the air.
- Fine mist is created by oscillations, thus the water temperature remanins the same.
- Ultrasonic humidifiers create instantaneous humidity, and don't have to wait for a heating element to boil the water.
- The precise on/off humidity control is the hallmark of ultrasonic humidifiers.

FEATURE OF INDUSTRIAL ULTRASONIC HUMIDIFIER :

- Cool mist
- Humidity indicator wiht intelligent control.
- Size of water mist 1-6 μ .
- Auto Water Level Controller with Low water Trip.
- Low energy consumption.
- Easy to Install & Operate.
- Negligibe maintenance, simplified due to portability of unit.
- SS304 enclosure & components provies no corrosion.
- Option for Remote operation and Control
- Option for Data Logging for Humidity and Temperature
- Retro fit models available on request

APPLICATIONS OF INDUSTRIAL ULTRASONIC HUMIDIFIER



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Model Number	TH7	TH14	TH21	TH28	TH35
Humidification (Lts/hr)	7	14	21	28	35
Voltage	220V AC 50HZ	220V AC 50HZ	220V AC 50HZ	220V AC 50HZ	220V AC 50HZ
Working Temperature	5-40C	5-40C	5-40C	5-40C	5-40C
Tank Storage(Liters)	08 2.5 Lit Usable	11 3.75 Lit Usable	18 4.5 Lit Usable	25 7 Lit Usable	25 7 Lit Usable
Watts	250	500	750	1000	1250
Dimensions LDH(mm)	320 x 330 x 360	320 x 430x 360	410 x 560 x 430	720 x 480 x 360	720 x 480x 360
Nos of Fans	4" Fan 1 nos	4" Fan 1 nos	6" Fan 1 nos	6" Fan 2 nos	6" Fan 2 nos
Cubic floor	80-100m3	100-150m3	150-200m3	200-250m3	250-300m3
Weight	8	11	17	22	23
Control	RH	RH	RH	RH	RH

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