



Humidification for Woodworking

MeeFog™ systems optimize production with precise humidification control



MeeFog™ saves up to **95%** in energy compared to other systems.

ENERGY COST COMPARISON CHART ANNUAL		
System	Energy Cost	%
MeeFog™ System	\$80	5%
Ultrasonic	\$968	65%
Compressed Air	\$1,492	100%
Assumptions: \$0.10 per kWh, 2000 hours operation, 200 lbs/hr moisture output.		

Energy Efficiency

The MeeFog™ system uses a high-pressure pump to bring filtered water up to 1000 PSI. The MeeFog™ nozzles then atomize the water into billions of ultra-fine fog droplets.

By taking advantage of the adiabatic process, the heat in the air evaporates the water droplets. This yields incredible energy savings as compared to other technologies. A typical MeeFog™ system uses just one horsepower of energy for every 500 lbs of water dispersed, which is only 8% of the energy usage of ultra-sonic systems, and about 5% of the energy required by compressed-air-type systems.

“*The MeeFog system, as part of our new fully conditioned production environment has positively impacted our product quality and manufacturing processes.*”

– Dave Withers,
Production Manager at Magnets USA

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Low moisture conditions can cause wood to dry out, crack, shrink and split.

MeeFog industrial in-space humidifier offers precise humidity control by stabilizing the environment and maintaining the wood’s equilibrium moisture content (EMC) at a constant level. From storage to final processing and finishing, MeeFog will assure that your product maintains the high level of quality your clients expect.

The MeeFog™ in-space humidifier is an effective alternative to traditional more expensive methods of humidification. MeeFog™ nozzles are spaced evenly throughout the room to give uniform humidity. Other systems deliver humidity from one or two points causing areas that are too dry, or too humid.



MeeFog™ Systems are Simple, Dependable and Easy to Maintain

- Direct drive pumps with high-efficiency motors.
- VFD with panel-mounted controller maintains pressure when zone valves open and close.
- Pressure transducer includes digital display.
- Anodized aluminum frame ensures long, corrosion free service
- Low inlet-pressure and high discharge-pressure protection
- UL certified (508A enclosed industrial control panels).

MeeFog™ systems have
been installed in more than
10,000 facilities around
the world.

**The Mee Advantage:
Experience Based in Science and Innovation**

For over 50 years Mee Industries has been the leader of innovative water fog technology. MeeFog™ systems are used to humidify and cool industrial, commercial, and agricultural processes and to create dynamic special effects.

Thomas Mee Jr. a former Cornell University research scientist, founded Mee Industries in 1969. The company originally manufactured high-tech, meteorological instruments, and by the early 1980's, high-pressure water fogging had become its main focus. Our active research & development group guarantees that Mee Industries continually improves its fog system technology and maintains market lead.

Mee specializes in providing custom-engineered, turn-key high-pressure fog solutions. We are committed to developing and supporting the most reliable fog systems available anywhere in the world.

The MeeFog™ team looks forward to discussing your project with you.

