



# Humidification for Electronics Manufacturing

MeeFog™ system optimizes 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

## Precise Control is Designed into Every Mee System

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

- Compressor not required
- Quiet operation
- Precise control
- Uniform humidity distribution
- Significant energy savings
- Ultra-fine droplets evaporate – no wetting



## One Solution, Many Applications

In-space humidification is rapidly gaining importance in many industries. The MeeFog™ in-space humidifier is an effective alternative to traditional more expensive methods of humidification. Most importantly, return on investment for installing a MeeFog™ system can be realized in less than one year.

### MeeFog™ In-space Humidification Applications

- Electronics
- Woodworking
- Textile
- Printing
- Manufacturing



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 45 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.



**CONTACT INFORMATION**

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Mee Industries is a privately held company with corporate headquarters in Irwindale, California.

