Humidification for Printing

MeeFog® system optimizes production with precise humidification control
MeeFog™ saves up to 95% in energy compared to other systems.

<table>
<thead>
<tr>
<th>System</th>
<th>Energy Cost</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>MeeFog™ System</td>
<td>$80</td>
<td>5%</td>
</tr>
<tr>
<td>Ultrasonic</td>
<td>$968</td>
<td>65%</td>
</tr>
<tr>
<td>Compressed Air</td>
<td>$1,492</td>
<td>100%</td>
</tr>
</tbody>
</table>

Assumptions: $0.10 per kWh, 2000 hours operation, 260 lbs/hr moisture output.

**Energy Efficiency**

The MeeFog™ system uses a high-pressure pump to bring filtered water up to 1000 PSI. The MeeFog™ nozzle then atomizes 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 ultrasonic systems, and about 1% 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 waiting

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

- Printing
- Woodworking
- Textile
- Electronics
- 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 leader status.

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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