



# Ripening Room Humidifier

MeeFog™ systems optimize production with precise  
humidification control



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

<b>ENERGY COST COMPARISON CHART</b> ANNUAL		
<b>System</b>	<b>Energy Cost</b>	<b>%</b>
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 ultrasonic systems, and about 5% of the energy required by compressed-air-type systems.

“*It's a low-maintenance system. We just have to change the filters occasionally and service the pump every two years.*”

– Greg McClain, Maintenance Manager  
Silver Oaks Cellars

## 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. Improper RH levels will result in both weight loss and asthetic damage to fruits.

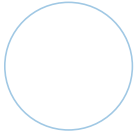
### MeeFog™ Systems for Ripening

- Improved keeping quality
- Maintain product weight and value
- Enhanced visual features
- Optimum temperature control
- Energy efficient, low cost operation
- Easy to service and maintain
- Ultra-fine fog droplets



### 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.

