



SOLUTIONS



www.jacco.com

Focused On The Engineered Environment

June 2013

Welcome to SOLUTIONS, a monthly newsletter provided by Jacco & Associates. Jacco's focus on system knowledge provides you with the engineering support and product solutions for your applications.

June Feature:



MEE INDUSTRIES INC.

Fog Humidification

Why Choose Fog?

One of the major issues all hospitals face is keeping patients, visitors and staff from catching new diseases. Maintaining the proper level of indoor humidity is a crucial part of this. As the U.S. Center for Disease Control and Prevention has noted, "Low humidity may be associated with an increased susceptibility to upper respiratory infections." If the humidification system is set too high, it leads to mold growth in the air ducts, with the spores entering the air stream. For hospitals it is critical to maintain humidity within the 30-50% range recommended by the CDC.

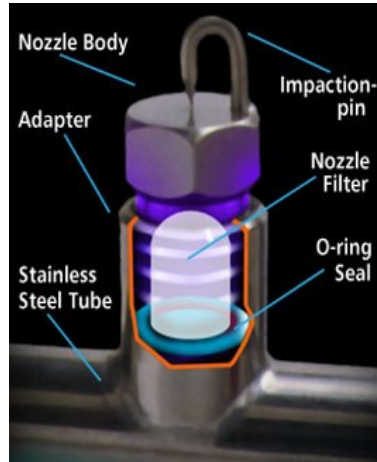
Clean Water:

Steam systems typically utilize harmful water treatment chemicals that are then introduced to the airstream.

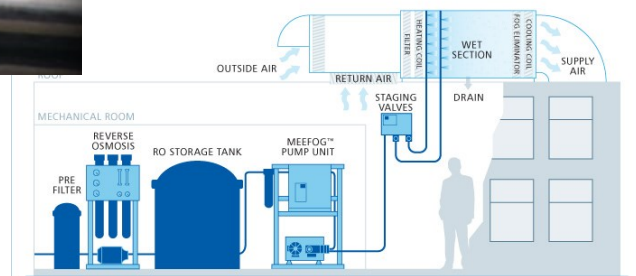
These chemicals can have a negative effect on the health of hospital patients and personnel.

Energy Usage:

A Meefog system uses only about 3% of the electrical energy that a compressed-air or ultrasonic atomizer uses and only 1% of the energy consumed by a steam humidification system. In addition, in buildings with a high heat load, the cooling effect of evaporation lowers the load on the air conditioning system.



TYPICAL HVAC INSTALLATION



Building humidification with Meefog nozzles installed in an Air Handling Unit.

For a complete energy analysis of a Fog Humidification System versus other humidification systems contact your Jacco salesperson.

June Question & Answer:

Question: The water in a Meefog humidification system is purified through what method?

Answer: A.) Ultraviolet irradiation B.) Distillation C.) Reverse Osmosis

Prize: Masterbuilt 30" Electric Smoker

Respond by July 16th with the correct answer to be entered in the raffle for this month's prize!

Last Month's Question & Answer Winner!

Question: What Aeon Products Have Microchannel Coils Available?

Answer: B.) RQ / RN-E Congratulations To Devin Rohan For Winning Samsung 32" Flat Screen TV!

To remove your name from our mailing list, please [click here](#).