



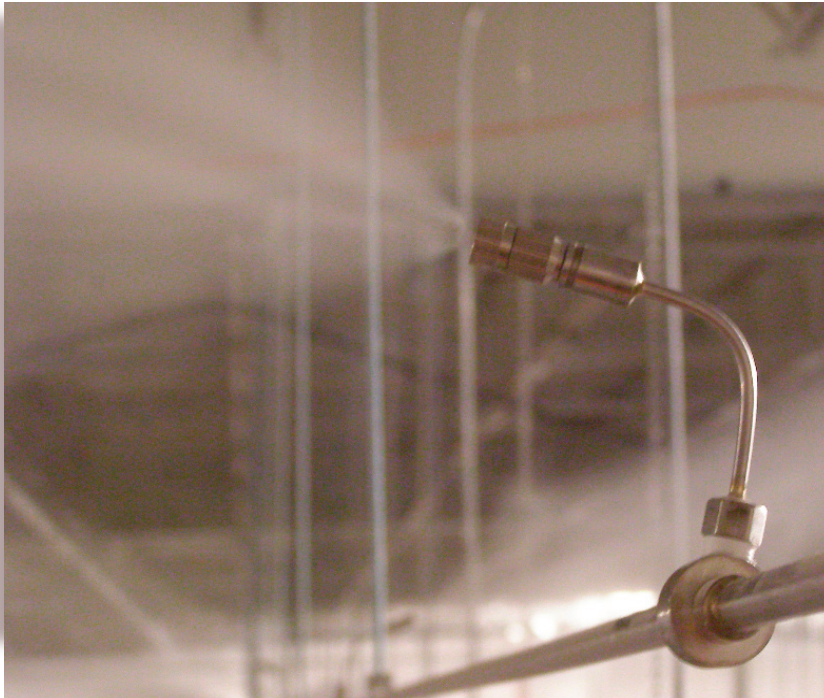
AIR and WATER SYSTEMS

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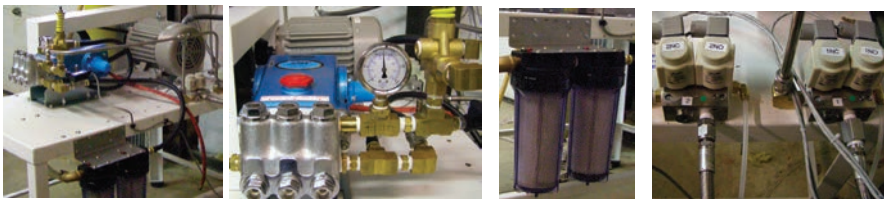
COOLMIST HIGH PRESSURE (1000 PSI) HUMIDIFICATION SYSTEM



100,000 sq ft facility view of ceiling nozzles, header bracketing & ball valves



5 hp 7 gpm CAT pump station • 1 micron pre-filters • Danfoss solenoid valves



COOLMIST

System Features

- Traditional Stainless Steel Pipe System for spaces over 20,000 ft² & min. 15' ceiling.
- Individual Nozzles spaced 4-5' on 3/8" feeder tube in ceiling area.
- 1000 psi water atomized to 5-35 microns w/ 6-8' plumes – fully evaporating.

Key Equipment Features

- Prepump 5-1 micron water filtration & post pump 50 micron water filtration.
- CAT Robust Pump Station.
- Danfoss Solenoid Valves Stainless Steel – 1 million min. life cycles.
- Ceramic Insert “No-Clog” “No-Drip” high pressure stainless steel nozzles w/ 3" stainless steel wands fixed to computer welded stainless steel fixtures.
- 2 Year Equipment Warranty.

CoolMist Operation: Each zone humidistat sensor automatically controls the on/off cycle of 1000 psi water flow from the pump station to all atomizers in each independent zone – maintaining humidity set point \pm 2% RH.