

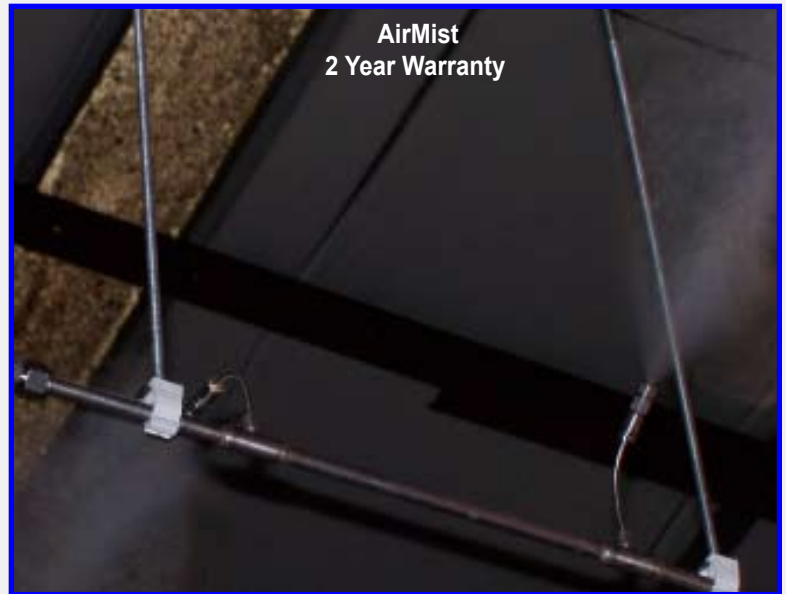
AirMist – Stainless Steel High Pressure (1000 psi) Humidification System

AirMist Humidity Control

Automatically maintains your desired relative humidity (e.g. 45% @ 72°F).

Operational Features

- **Direct Space Distribution**
Nozzles located on stainless steel pipe in ceiling areas above aisle-ways.
- **Flexible Nozzle Positioning**
Nozzles are attached to 3" wands and pointed for desired direction.
- **All Stainless Steel Pipe**
304 & 316 stainless steel pipe, nozzles and wands.
- **Precision Welded Joints**
Computer welded nozzle fixtures.
- **5-45 Micron Atomization**
Fine water particles evaporate in 6-8' moisture plumes.
- **Simplified Maintenance**
Easy visual inspection of nozzle performance.



AirMist Operation

Automatically maintains "set-point" humidity control over the entire facility with each zone independently controlled by a $\pm 3\%$ accurate humidistat/sensor which controls the on/off cycle of 1000 psi water flow from the pump control station to all nozzles in a zone.

"Synthetic Mineral Orifice Insert" stainless steel nozzles are connected to stainless steel wands and pointed to avoid obstacles. All nozzles are located on 3/8" feeder tube suspended in the ceiling area over aisle ways. Real time humidity is digitally displayed in each zone area.

System Components

- (1) Heavy Duty High Pressure Pump Station.
- (2) Zone RH humidistat/sensor.
- (3) All Stainless Steel Pipe System.
- (4) "Synthetic mineral orifice insert" stainless steel nozzles.