

Superior Solutions for Controlled Humidity

DryFog saves
costs, enhances work
environment, and
improves operation
efficiency

- ▶ Dry fog system – Quality high-end technology
- ▶ Increases humidity without wetness
- ▶ Prevents electrostatic voltage and sparks
- ▶ Saves maintenance and energy costs

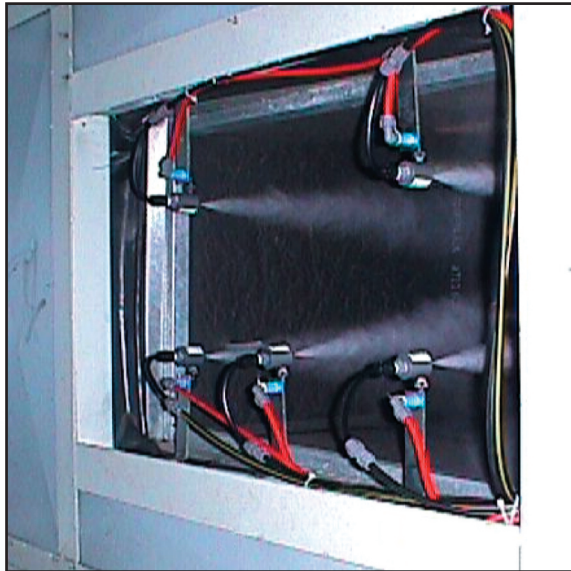
Superior Quality

The DryFog controlled humidity system is outstanding in both performance and dramatic cost savings. The patented dry fog solution provides controlled humidity conditions without wetting, and **as a result prevents electrostatic voltage and saves maintenance and energy costs.**

Patented Technology

DryFog's cutting edge solution includes the Tabor Atomizer – a uniform dry fog technology that combines low-pressure compressed air with water at atmospheric pressure to create vaporizing micro-droplets, ranging in 2-10 microns in diameter. The uniform dry fog **immediately evaporates** into the air **increasing humidity without wetness.** The large atomizer orifice (1.5 mm in diameter) **significantly reduces clogging** for very low system maintenance and operation costs. The system is fully automated.

Typical installation in air-condition inlet



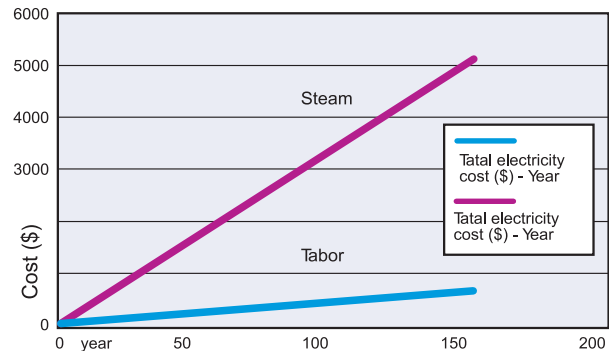
Applications

- Clean Rooms
- Industrial Facilities
- Cotton and Textile
- Tobacco
- Plastics Industries
- Electrostatic Painting
- Paper Manufactures
- Print Houses
- CA Systems

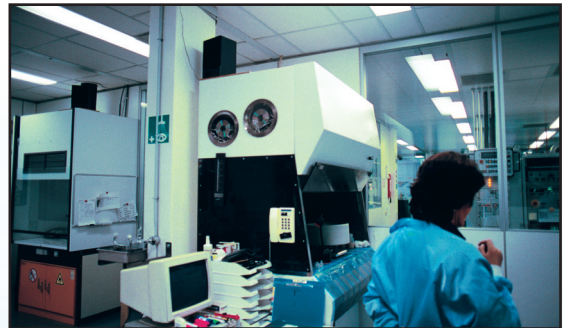
Proven Results

With thousands of installations around the world, DryFog's solution provides continual humidity control for leading industrial applications and clean rooms. For client references please contact us.

Annual energy cost graph (in U.S \$) DryFog tabor atomizer vs. steam (48 KW)



Clean rooms



Technical Specifications:

Tabor Atomizer	DryFog Sensors
Water inlet pressure: Atmospheric (or 1 Bar pressure)	Electrical Input: 12 V DC.
Water flow rate: 4 - 6 liters per hour	Sensor Output: 4-20 mA
Droplet size: 2 - 10 microns	Communication: RS 232 /485
Vacuum level: 6 - 7 m water column	Temperature Operating Range: -20 C to +50o C
Nozzle orifice: 1.5 mm	Relative Humidity Range: up to 98%
Airflow rate: 55 - 60 liter per min	
Air inlet pressure: 6 bars.	