

To Optimize Your
Performance, Manage Your
Plant Environment

Would you like to run at maximum press speeds even in the driest winter weather? An optimum relative humidity for most pre-press, paper storage and pressroom environments is 45-50%. Printers know that dry air causes paper to lose its natural moisture, so it risks picking up static electricity resulting in wrinkling, losing register and causing paper feed jams. Proper humidity levels in digital printing production areas are necessary for optimum equipment performance, print quality and problem-free media feeding. **PriscoTech Humidification Systems** improve the working environment, productivity and press utilization along with your product quality resulting in a positive impact on your profits.

The **AquaMist** delivers humidity where you want it!

The **PriscoTech AquaMist Humidification System** was developed specifically to cover production areas at printing plants and print service providers up to 20' x 50'. **AquaMist** is designed for ease of installation and to be

extremely resistant to dust or dirt. Water is atomized into micro-sized particles that are absorbed quickly into the air not only by absorption, but by dispersion through a specially designed misting fan mechanism within a narrow area. The misting mechanism ensures the ultimate in humidity control for ceiling heights as low as 7 feet. Complete evaporation occurs within an area of up to 1000 square feet. The **AquaMist** system can be installed almost anywhere in your plant to direct the positive effects of humidity control where it's needed most: in the pressroom, the bindery, paper storage, pre-press and digital printing environments.



AQUAMIST HUMIDIFICATION SYSTEM BENEFITS

- Increased productivity - Maintains optimum humidity levels for production equipment
- Reduces paper-handling problems and improves register
- Increased worker productivity - People work best in 40-60% humidity
- Increased consistency - Uniform humidity year round
- Reduced air contaminants - Up to 35% lower dust levels
- Reduced static electricity - Maintaining humidity above 45% reduces static build up
- Reduced fire hazard - Less dust, static and friction mean fewer potential fires
- Simple to operate - Easy to control
- SAVES YOU MONEY!

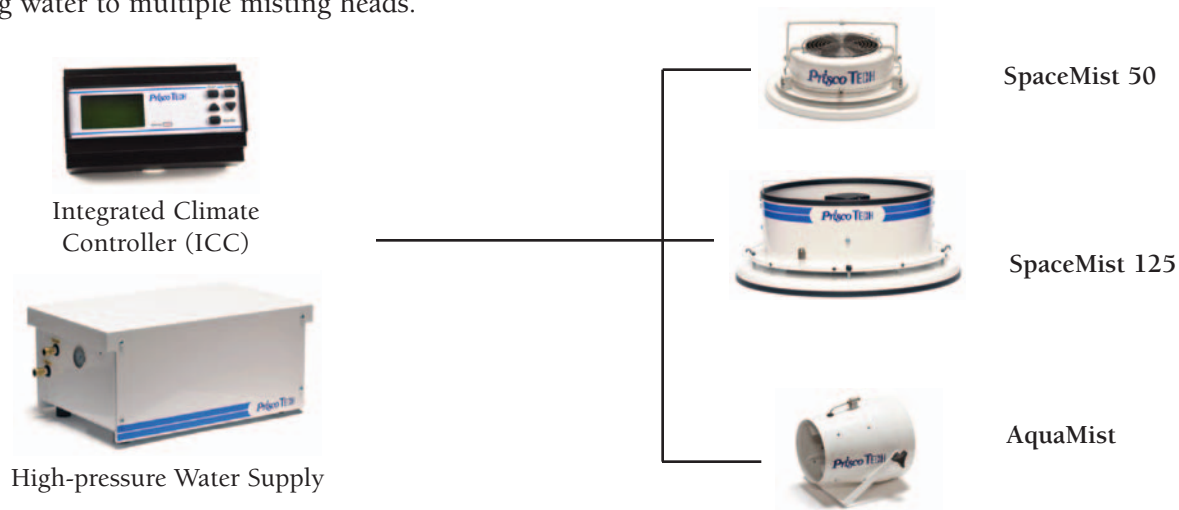
STANDARD FEATURES

- **CONCENTRATED COVERAGE** - A single misting nozzle, a 3 nozzle cluster or a 5 nozzle cluster and quiet axial fan distribute humidity in a narrow pattern up to 50' within an area of up to 1000 ft² (20' x 50').
- **SUPER EVAPORATION** - Depending upon the nozzle configuration used, between .01 to .125 gal/min (5 - 65 lb/hr) of water is delivered with no fall-out. The "shearing effect" of high velocity air accelerates evaporation over the entire area.
- **SIMPLE MAINTENANCE** - "No-Clog – No-Leak" Stainless Steel Nozzles and fewer parts assure long-term reliable operation with a minimum of maintenance.
- **EASIER INSTALLATION** - ALL utilities and humidity detectors install at a single connection point. This saves time, money, and prevents potential mistakes.
- **BUILT-IN SERVICE TIME INDICATOR**
- **NO COMPRESSED AIR OR STEAM** - Very energy efficient, as no air compressor or boiler is required.
- **LOW COST** - When compared to competitive systems, PriscoTech humidification systems offer more value at an attractive price.
- **WARRANTY** (Excludes filters and nozzles) - 1-year parts, 90 days labor. An extended warranty is available.
- **LESS SPACE REQUIRED** - Small footprint pump station can fit in most rooms or tight areas.
- **EASY FILTER CHANGES** - Quick and simple change-outs with heavy-loading capability.
- **FREE DESIGN** - Fax or email us the area to be humidified and we will design a system for you. If you already have a design, we will be happy to review it.

Depending upon incoming water hardness and area of application, different types of water treatment (softened, RO) might be recommended for trouble-free operation. Consult with your Prisco representative for suggestions on the appropriate PriscoTech water treatment system.

FLEXIBLE CONFIGURATION

Precise humidification of any production environment can be accomplished by combining multiple ICCs, misting head types and custom configured high-pressure components. Each ICC controller is capable of maintaining precise humidity levels in one- or two-zones. The high-pressure supply system can be configured for multi-zone applications supplying water to multiple misting heads.



As always, your local PRINTERS' SERVICE office is happy to answer your questions:

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