

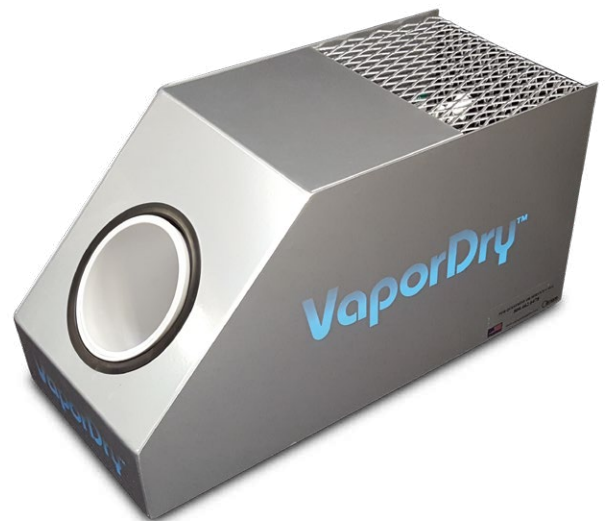
VaporDry™



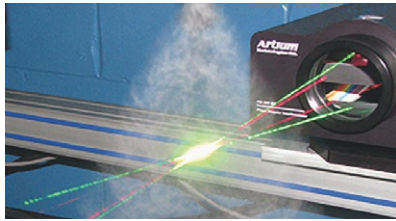
Simple. Robust. Innovative.

Products are maintained in a humidity controlled environment, leaving walls, racking and floors dry.

- Largest volume of dry fog from a single system
- Precisely controls humidity to 100% RH without wetting walls and floors
- Droplet sizes as small as 2 microns
- Patented technology
- Used in applications like spray booths, where proper humidity is critical
- 90% more energy efficient than traditional steam humidifiers

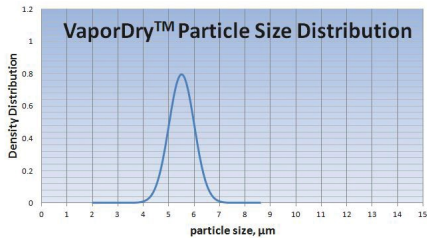


Controlled Dry Fog Particle Size Distribution



Our precision machined technology, along with accurately controlled air and water pressures, allows for droplet sizes as small as 2 microns and consistently well below a 10 micron size water vapor.

Corrigan optimized the parameters needed to consistently produce dry fog by using a 632.8nm HeNe laser diffraction Particle Analyzer. The analyzer measures drop size based on the diffraction pattern of the laser caused by the water vapor passing through the sampling area.

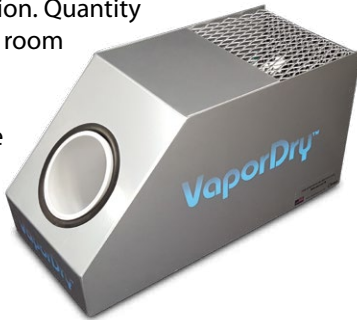


The Result: VaporDry™ produces dry fog particles that rapidly evaporate before saturating or condensing on any surface.

SYSTEM COMPONENTS

VaporDry™ Humidity System

Each system has a capacity of 8.3 lbs/hour and consumes 2.5 CFM at 35 psi. The VaporDry system can be specified to meet the exact requirements of any application. Quantity determined by room size, desired temperature, desired relative humidity and fresh air turnover.



Compressor

Low profile design for installation ease with adjustable water regulator for added humidity control. Fractional horsepower units allow for flexibility with multi-room layout.

Heated Transmitter

+/- 1.3% accuracy. Heated probe. 0-100% RH. Accurate and long term stable measurement under continuous high humidity and in demanding climate conditions.



Control Panel

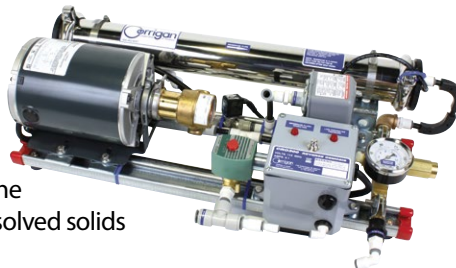
Controllers come in various configurations and can interface with existing controls. From simple one panel readouts to PLCs with HMI touch screen display and remote



monitoring, control panels are specified to meet any application.

Reverse Osmosis System

Reverse osmosis water filtration systems have a permeate auto-flush cycle extending the life of the membrane. Systems reject 99% dissolved solids and produce up to 36,000 gallons per day.



APPLICATIONS

- Perishable Warehouses and Distribution Centers
- Grow Operations
- Data Centers
- Aerospace
- Wine and Barrel Storage
- Spray Booths
- Banana Ripening and Citrus Degreening Rooms
- Any situation that requires precise humidification



Nationwide Service /Worldwide Sales

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Patented