

VaporDry™



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

Largest volume of dry fog from a single system • Precise humidity control • Multiple control options

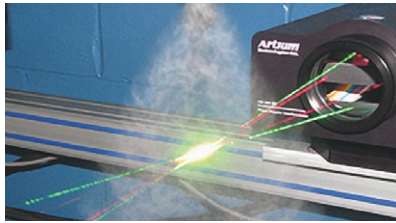
Non-wetting vapor provides very high humidity in storage applications

Low air pressure + Low water pressure + Low maintenance = Low Cost

**A Reputation for Creating Value
Through Quality Equipment**

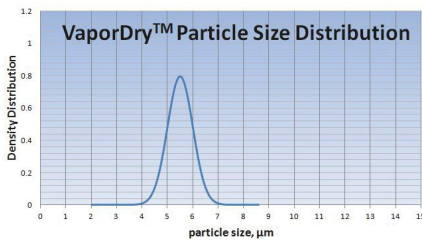


Controlled Dry Fog Particle Size Distribution



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.

APPLICATIONS



- Perishable Warehouses and Distribution Centers
- Banana Ripening and Citrus Degreening Rooms
- Cheese Rooms
- Mushroom Farms
- Wine and Barrel Storage
- Cigar Humidor Rooms
- Concrete Curing Rooms
- Any situation that requires precise humidity



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.



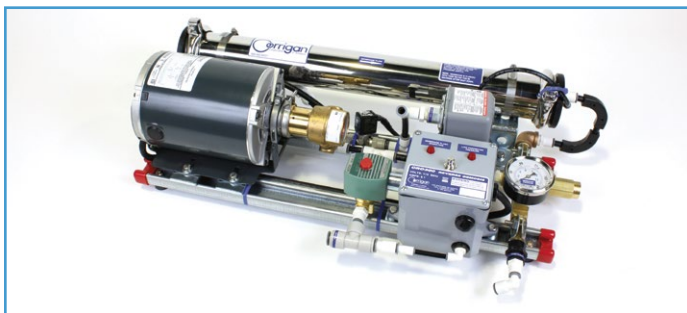
Compressor

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



Control Panel

Controllers come in various configurations. From simple one panel readouts to NEMA rated enclosures, control panels are specified to meet any application.



Reverse Osmosis System

Reverse osmosis water filtration system has a permeate auto-flush cycle extending the life of the membrane. System rejects 99% of dissolved solids and produces up to 1700 gallons per day.



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.



Non-Heated Transmitter

+/- 2.0% accuracy for non-condensing applications, <90% RH. This polymer capacitance humidity sensor comes with a sintered filter and radiation shield and is not affected by fog, high humidity, or contaminants.

Nationwide Service / Worldwide Sales

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 Patent Pending