



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

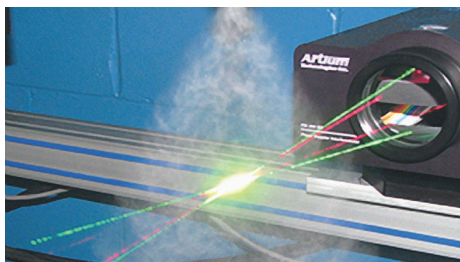
Largest volume of dry fog from a single nozzle • Precise humidity control • Multiple control options

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**



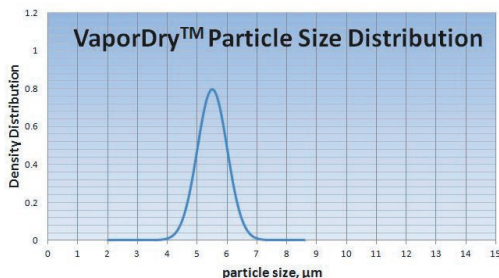


## Controlled Dry Fog Particle Size Distribution

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



### Air Atomizing Nozzle

Stainless steel nozzle produces fine vapor fog, won't rust and resists clogging.

#### Dimensions:

1" wide, 4.5" deep, 4" tall

**Mounting:** 'L' bracket



### Diffuser Box Assembly

Diffuser creates a dry fog with a tight distribution of water particle sizes.

#### Dimensions:

8" wide, 18" deep, 9" tall

**Mounting:** 'L' bracket or center rod



### % RH Sensor

Various % RH sensors are available depending on the specific application. Temperature, set point % RH, % accuracy, and environmental conditions will determine the correct % RH sensor.



### Control Panel

Control panels come in various configurations depending on the specific application. From simple one panel readouts to NEMA rated enclosures, we will provide the correct control panel for your application.



### Compressor Unit

Each air atomizing nozzle consumes 2.5 CFM at 35 PSI. Compressors vary from fractional horsepower units up to multi-horsepower units to provide the correct volume of air at the correct pressure for your application.



## Nationwide Service / Worldwide Sales

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