

Quotation: Stationary self-contained unit 0.5A,120 VAC 1 phase, **15,000 Bu per unit humidifying capacity.**

1- 110 vac Self-container with 4 air jet nozzles at 6gph capacity-compressed air/water atomizer

- Capacity up to 6 gal/per hour. Low compressed air pressure required (87Psi). Water pressure 40-60 psi. Very low power consumption 60 watts at 120 vac.
- Original patented venturi atomizer. High humidity: up to 96%RH. Dry fog producing 2-4 micron water droplets size instantly evaporate into the air.
- Non-clogging large orifice. Accepts untreated water. Maintenance free atomizer. High accuracy +/-1%RH.
- Optional electronic controller can control 1 or 2 zones or more. Able to accept up to 100ppm TDS (total dissolved solids). Quick and easy installation. You can have your water tested for TDS to see if you will meet the 100 ppm TDS.
- Unit is SS enclosure with two gauges for water and air pressure and 4 SS nozzles built- in. **2 Year warranty.**



Optional
RO system

Cost per unit: \$2,100.00 plus applicable (if any) taxes and shipping (estimated \$300.00), weight 300 lbs.

Notes: Estimated shrink reduction of 1-1.5% per month compared to non-humidified storage.

Important: during evaporation of water some air temperature drop occurs, generally 2-15 deg F. Storages with hard water or high mineral content may require reverse osmosis (RO) system to purify water. RO system cost is \$3500.00 and it can handle 1-2 units with its capacity of 400 GPD (gal/per/day). Some mineral fallout in front of the nozzle bank may occur but it will wash away during product wash line. It can be placed in front of the fans or in forklift alleys by the loading doors entering storage bay (ACT will advise about the placement of the unit(s) on case by case basis).

Exclusions: Water and electrical hook up not included, taxes and shipping to location not included, humidity controller required for full automation/humidity level control not included but unit is ready for auto control. Optional controller with RH humidity electronic sensor \$2100.00 plus tax/shipping/installation. Air compressor required to run nozzle system at 8 cfm at 87-116 psi – approx. 2hp 25-30 gal 20A/10A 115/230 vac per 1 unit (approx. cost is \$900 per compressor, 2.5kW= \$0.25hr/\$180/Mo max cost and 10,000hrs pump life). Shrink reduction of 1.5% should equal to based on 15k Bu storage at \$10/bu = \$2250 per month savings at 90% RH. Initial investment payback of 1.5 months.

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