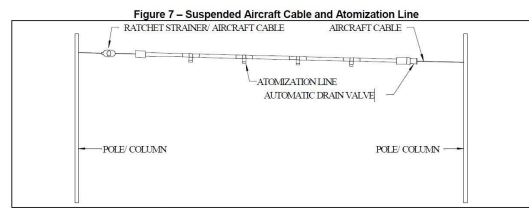


Quotation: Stationary high-pressure unit with RO system, 30k - 55k Bu per unit humidifying capacity.

1- 110 vac 10A, Self-contained high-pressure pump/VFD system with RO filter system

- Pump capacity up to 30 gal/per hour at 1000 psi BIG HORN ceramic plunger type 1/2hp. Nozzles are SS .006-micron droplet size 1.5 gph. Built in pump VFD for fine pressure adjustment and energy efficiency.
- High humidity: up to 96%RH. Dry fog producing 6-micron water droplets size instantly evaporates into the air in sufficient air flow.
- Anti-drip drain off valve included. Reverse osmosis filter system removes particles 0.001 in size with 400-750 gpd capacity to remove minerals and 10-gal bladder tank for a water reserve (estimated \$700 per year in replaceable filters will be required to maintain it).
- All SS nozzles, SS fittings (reusable) and high-pressure lines are included (nozzle cleaning tool included).
- Up to 20 nozzles can be installed, minimum spacing of 6". **2 Year warranty.**



Cost per unit: \$10,700.00 (30k Bu), 12,700.00 for 55k Bu plus applicable (if any) taxes and shipping (estimated \$500.00), plus installation that can be done by the grower/subcontractor with 8 hrs. start up time, storage layout for humidifier included, installation and operation instructions are included.

Notes: Estimated shrink reduction of 1-1.5% per month compared to non-humidified storage. Larger multi-bay systems can be fitted with larger pump/RO system up to 10 bays 55k Bu each w/individual on/off valves.

Important: during evaporation of water some air temperature drop occurs, generally 2-15 deg F. (RO) system to purify water is required and included. Atomizing line can be placed in front of the main fans or booster fans mid-point of the bay. Nozzle line is suspended on the aircraft cable lines are made of high pressure poly, minimum 20 psi water supply is required, occasionally nozzle can clog up – nozzle cleaning tool included.

Exclusions: Installation (estimated \$800-1500 by local sub), 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.

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