

Horticulture Process Water

Designed for Greenhouse Systems

Healthy Plants Require Healthy Water

Water is the most critical input ingredient in growing healthy plants. Avoiding plant contamination can only be achieved by controlling inputs at every stage of the production process, from cultivation to packaging. NuStream Filtration offers a full line of products to keep your plants healthy in all horticulture applications, including high value crops:

- Chiller Water
- Drip Systems
- Propagation Areas
- Humidification Systems
- Irrigation Systems / Fertigation Delivery
- Mist / Fog Systems
- Nutrient Solution Mixing



NuStream Systems Reduce Plant Disease and Promotes Growth

- Eliminates spores, bacteria, biofilm, viruses, mold, fungus and mildew.
- Improves overall quality of plants by removing the source of pathogens that damage crops and food borne illnesses from fruit and vegetable producers

Highest Quality Components with Lowest Maintenance Costs

- NuStream RO's are equipped with the highest quality pumps in the industry. Grundfos ML motors have the highest energy efficiency rating world-wide.
- Membranes remove up to 99% of dissolved solids including fluoride, bacteria and viruses
- Pretreatment packages remove chlorine and hardness minerals
- Rust free powder coated aluminum frame to keep the system looking new year after year

Minimal Installation, Start Up and Service

- Every system is factory tested assuring that when it arrives at your location, it's in perfect condition
- Factory trained personnel are available to install the water treatment system or be on-site for supervision and training.
- Technical support is available 24/7



Design Services of Irrigation System

The NuStream Horticulture team offers a complete design package based on your individual needs for current and future conditions:

- Facility footprint with distribution plumbing
- Piping and instrumentation diagram
- 3D rendering of final system layout.



RO removes dissolved solids keeping misting and humidification systems from clogging.



Ozone for disinfection and biofilm removal results in healthier plants without chemical residue.



Pure Water Storage Tank with spray ball keeps water fresh and recirculating eliminating microbiological growth.



Dual VFD pump package for transferring the irrigation/fertigation water to the emitters on demand as needed.

Additional Accessory Packages Available

- Anti-Scalant and Chlorine Destruct pretreatment to extend the life of the membrane and prevent harmful contaminants from damaging crops
- Ultra Violet system for water for reuse / rainwater
- Ozone bubblers to keep water in storage tanks fresh
- Ozone room monitor
- Nutrient stock tanks with timed pumps and level floats
- Integration with environmental controls equipment or alarm conditions
- Turnkey drip irrigation packages

