



# Anderson aqua

## Anderson Aqua Automated Fertilization Unit

### About the Anderson Aqua

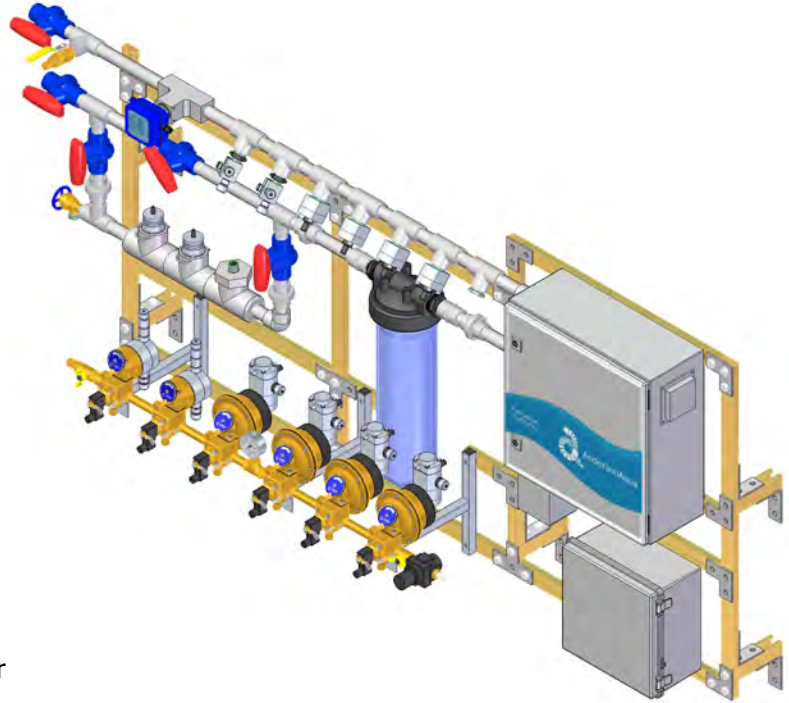
This innovative new system from H.E. Anderson combines time proven hardware with cutting edge technology to create a powerful new dosing system which provides even greater control and autonomy than before.

The Anderson Aqua is an inline injection system capable of dosing nutrients, acid and sanitizer simultaneously while maintaining your nutrient recipe, EC and pH automatically. The system settings and data are viewed and configured through any device with a web browser connected to the local area network. Historical data of EC and pH levels and water usage can also be viewed.

Our double diaphragm positive displacement pumps do not use any sliding seals allowing for repeatable accuracy over time. Water is measured using a highly accurate, low resistance flow meter resulting in precision dosing with minimal pressure loss.

The Anderson Aqua helps eliminate hand mixing of nutrients saving labor and material costs. Built in controls work to select different nutrient solutions and strengths for all phases of the plants growth cycle. It is designed to work together with your environmental controller to provide a complete growing solution.

Systems can be customized and configured to meet your projects need.



### System Features:

- Nutrient injection based on EC measurements
- pH adjustment based on pH measurements
- Simultaneous A, B, C etc. fertilizer solutions
- Injection can also be based on ratio
- View and configure setting via web browser over local network
- Alarms to notify users of potential problems
- Pumps can use water or compressed air
- Minimal pressure loss due to unique design
- Datalogging allows historical data to be viewed
- Unit is expandable to grow with operation
- Blend tank ensures uniform chemical mixture
- High quality, dependable toroidal EC probe
- Legendary dependability

Please call or email with any questions.

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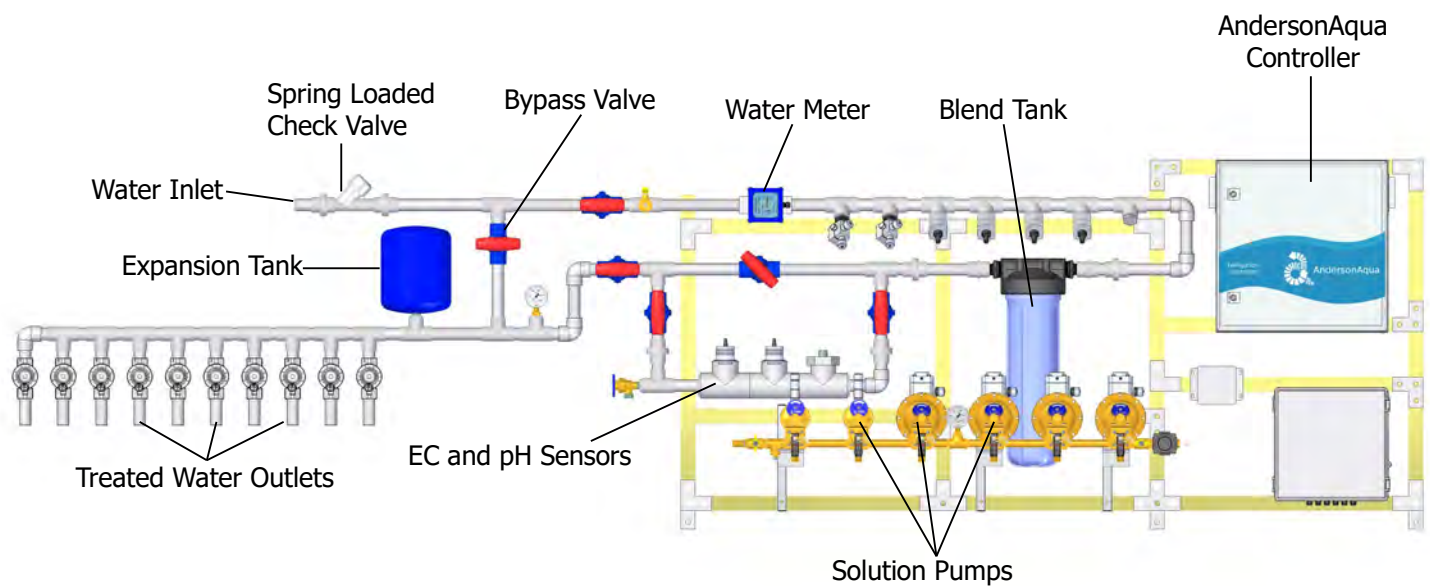


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## System Technical Specifications

System flow range	.8 to 32 Gallons per minute	pH Measurement Range	0 to 14 pH
Solutions Injected (Default)	5 Nutrient, 1 Acid, 1 Sanitizer	EC Measurement Range	0 to 10 mS/cm
H4-HD Injection Rate	19 gallons/hour max. (each)	Digital Inputs (Default)	12 total, 24VAC or 24VDC
A3-VCP Injection Rate	1.4 gallons/hour max. (each)	Digital Outputs (Default)	20 total, 12 Irrigation Valve, 7 Pilot Valve, 1 Alarm
Recipe/Zone Control (Default)	12 Strategies	Power Requirements	120VAC @ 4 AMP MAX
Pressure Range	30 to 100 psi	Dimensions	Width: 96.5in. Height: 42.25 in. Depth: 24.5 in.
Ambient Temperature Range	33° to 140° F	Weight	300 Lbs.
Water Temperature Range	33° to 105° F		
Inlet and Outlet Connections	1" PVC Unthreaded Socket		

## Basic Installation



**Notes:**

- Shown using compressed air to power pumps
- Chemical tanks not included
- Dimensions and layout of actual system may differ from model shown
- Captive air tank and backflow preventer recommended but not included
- Systems shown utilizes compressed air. Waste water lines required when using water pressure for pumps.



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