



# Anderson aqua

## Anderson Aqua Advanced Nutrient Delivery

This innovative system from H.E. Anderson combines time proven hardware with cutting edge technology to create a powerful new dosing system providing even greater control and automation 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 are controlled automatically. The system settings and data are viewed and configured through any device with a web browser connected to the local area network.

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 sensor
- pH adjustment based on pH sensors
- 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
- Minimal pressure loss due to unique design
- 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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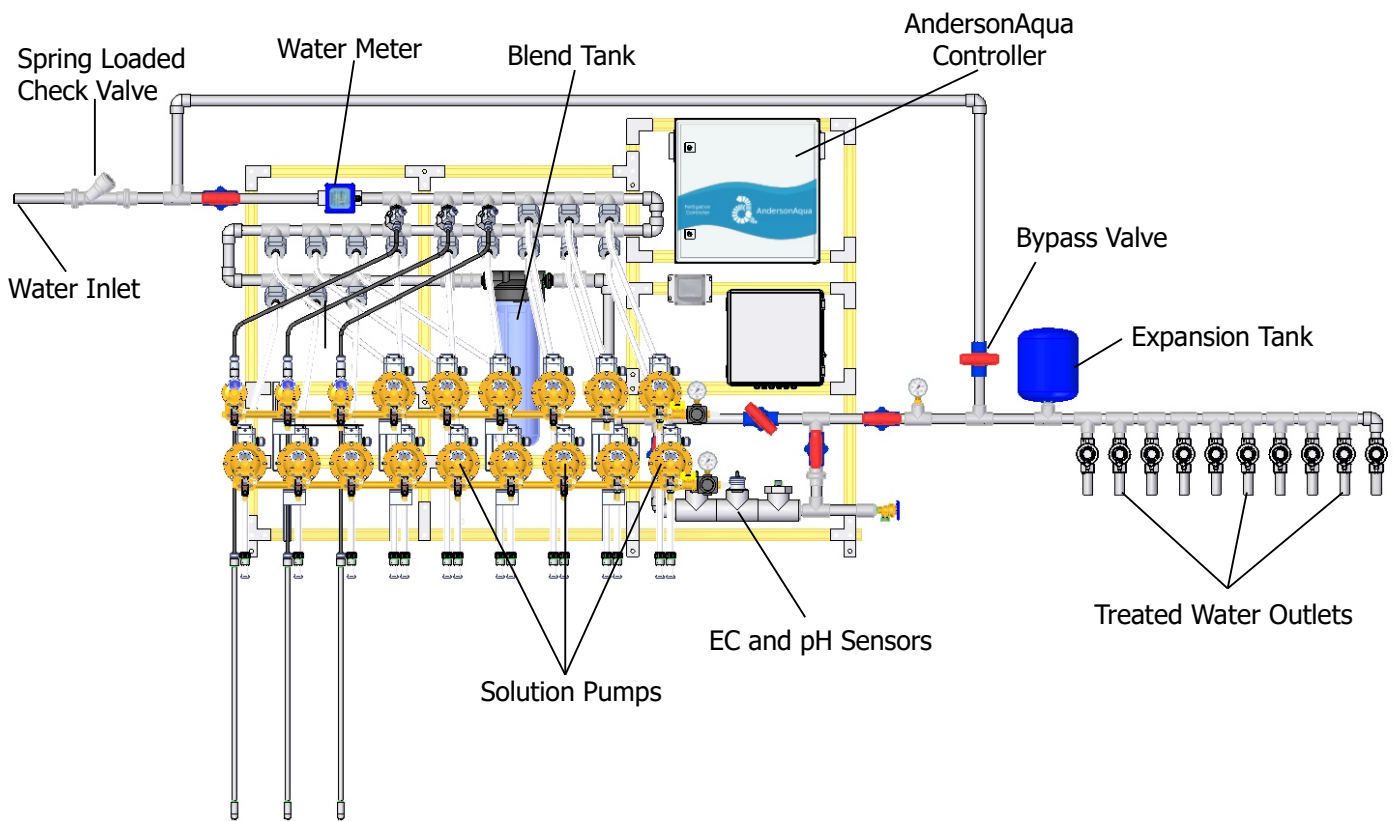


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## System Technical Specifications

System flow range	0.8 to 200 Gallons per minute	pH Measurement Range	0 to 14 pH
Solutions Injected	Up to 20 inputs	EC Measurement Range	0 to 10 mS/cm
H4-HD Injection Rate	19 gallons/hour max. (each)	Digital Inputs	Up to 24 - 24VAC or 24VDC
A3-VCP Injection Rate	1.4 gallons/hour max. (each)	Digital Outputs	Up to 28 total - Up to 20 Pilot Valves
Recipe/Zone Control (Default)	Up to 24 Strategies	Power Requirements	120VAC @ 4 AMP MAX
Pressure Range	30 to 100 psi	Dimensions (As Shown)	Width: 94.75in. Height: 59.75 in. Depth: 24.5 in.
Ambient Temperature Range	33° to 120° F	Weight	300 Lbs. Depending on Configuration
Water Temperature Range	33° to 105° F		
Inlet and Outlet Connections	1" - 3" PVC Unthreaded Socket		

## Basic Installation



**\*Notes**

- 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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