



H.E. Anderson Company

JA160D Ratio:Feeder Injection System Specifications

Description

H.E. Anderson products provide unmatched quality, accuracy and flexibility. The JA160D is an inline proportional injection system commonly used to dose fertilizer and other chemicals into a water line for many different applications. The unit maintains a set ratio between water and chemical regardless of water flow or pressure.

Our double diaphragm positive displacement pumps do not use any sliding seals and are powered using water pressure from the water line or compressed air. If powering system using water, a drain line is required for waste water. Water is measured using a high accuracy, low resistance flow meter and the injection rate is controlled by the J+ Advanced controller.

The JA160D is our "deluxe" unit which ships pre-configured for common horticulture applications which include dosing fertilizer, acid and sanitizers.

The JA160S is a base model that is customizable for specific customer requirements.

JA160D Features:

- Legendary quality
- 1:200 fertilizer injection rate up to 160 GPM
- EC and pH monitors to confirm proper chemical levels
- Minimal pressure loss due to unique design
- Accuracy does not degrade over time
- Unit is expandable to grow with operation
- Blend tank ensures uniform chemical mixture



Wetted Part Materials:

- EPDM diaphragms
- Viton and EPDM check valve seats
- Stainless steel and ceramic ball poppets
- PVC piping, valve bodies and tubing
- 1.5" PVC Insertion Meter
- UHMW hose barbs

Please call or email with any questions.

Peter Driver – Atlantic Field Sales
peter@heanderson.com

Randy Nester – HEA Sales
randy@heanderson.com



H.E. Anderson
COMPANY
www.heanderson.com
Phone 1-800-331-9620

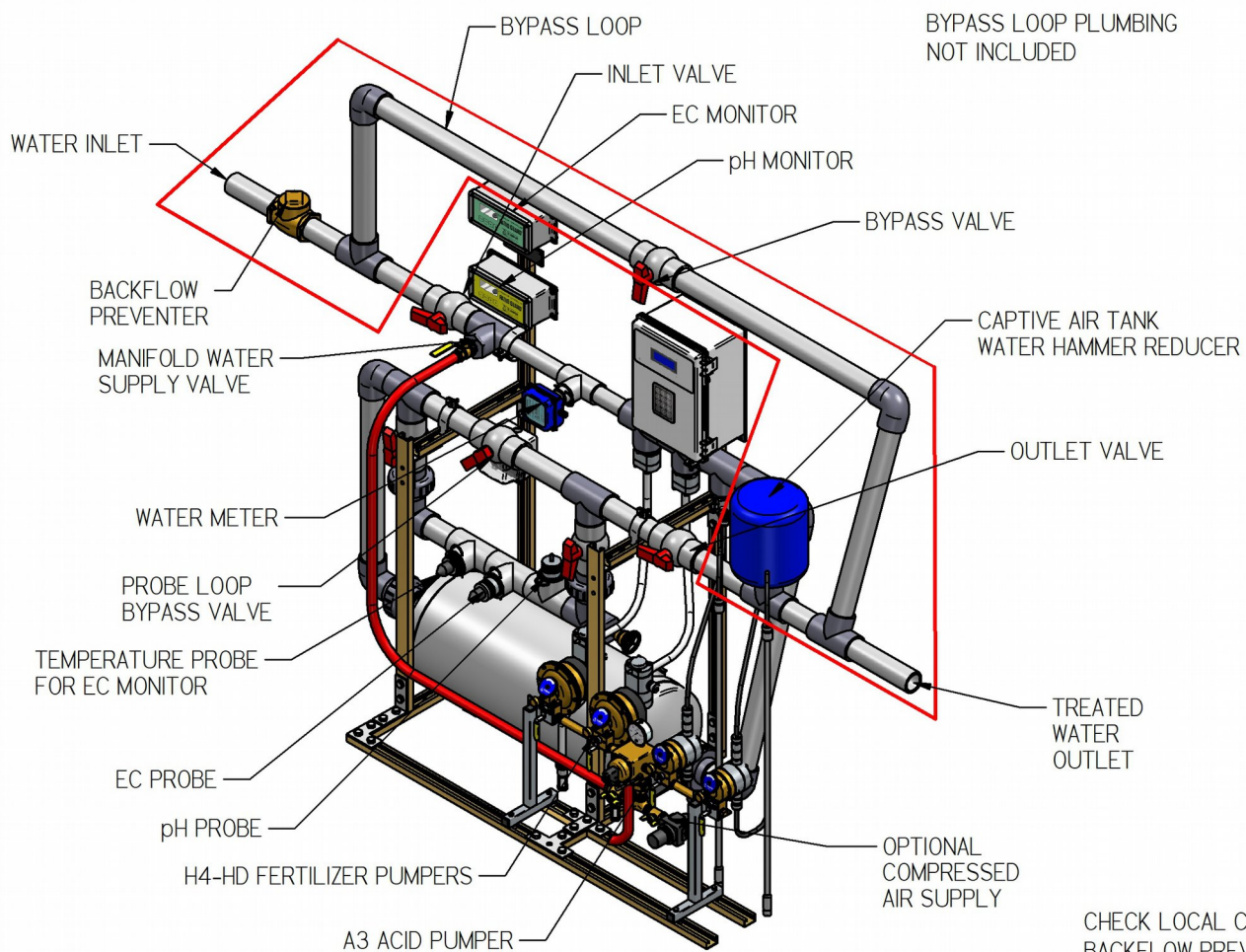
JA160D Technical Specifications

Water flow range	1.9 to 160 Gallons per minute
Solutions Injected	3
Solution 1 Injection Range	1:200 (.5%) to 1:2000 (.05%), up to 44 gal/hr
Solution 2 Injection Range	1:5320 (.0188%) to 1:53200 (.00188%), up to 1.66 gal/hr
Solution 3 Injection Range	1:5320 (.0188%) to 1:53200 (.00188%), up to 1.66 gal/hr
Pressure Range	30 to 100 psi
Temperature Range	33° to 140° F
Inlet and Outlet Connections	2" PVC Unthreaded Socket
Power Requirements	120VAC @ 2AMP
Dimensions	Width: 64.5in. Height: 52 in. Depth: 27 in.
Weight	350 Lbs.

For monitor specifications see Ratio:Guard® pH Monitor Brochure and Ratio:Guard E1 Monitor Brochure

Recommended Accessories:
Captive Air Tank
Backflow Preventer
Calibration Stand Pipe

Basic Installation



CHECK LOCAL CODE FOR
BACKFLOW PREVENTION
REQUIREMENTS



H.E. Anderson
COMPANY
www.heanderson.com
Phone 1-800-331-9620