

VANTAGE® ASC SOLUTIONS

FOR AMBULATORY SURGERY CENTERS AND SMALL HOSPITALS



SPACE-SAVING, DIGITALLY ENABLED WATER PURIFICATION

The Vantage® ASC Solution was developed to meet the unique water treatment needs of Ambulatory Surgery Centers and small hospitals. This compact, spacesaving system provides reliable, high purity water for sterile processing applications. The system features a skid-mounted design for ease of implementation and maintenance.

The Vantage ASC Solution was built on the foundation of the proven Vantage SPD Solutions, which fully integrates water purification, water distribution and data monitoring to deliver on our promise:

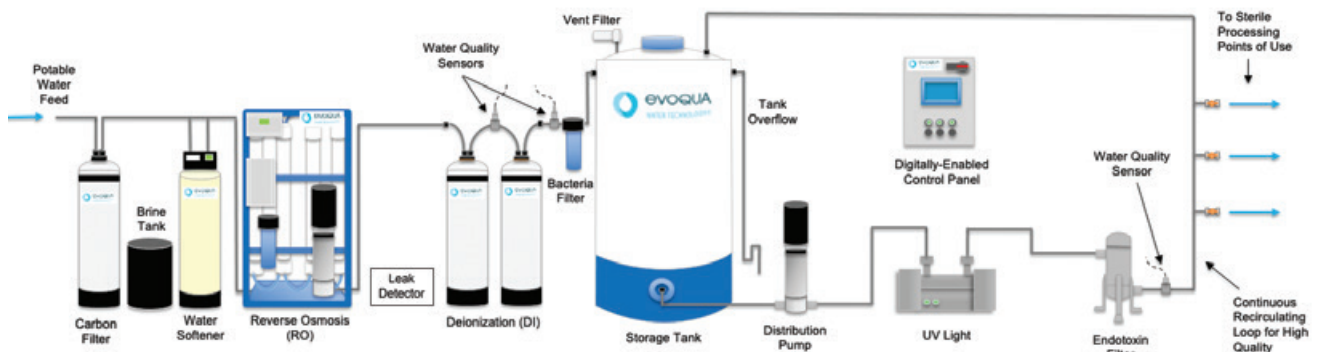
- **SUSTAINABLE:** Maximum up-time
- **PURE:** Consistent high quality water
- **DIGITAL:** Critical performance data

When enhanced with our Water One® Service program, this offering includes continuous, real-time digital monitoring, critical alarm notification, 24/7 access to data and periodic automated reports for your compliance documentation. In addition, water treatment equipment can be included in the service contract with little or no upfront capital cost.

STERILE PROCESSING

Vantage ASC Solutions are specifically designed to produce water that meets AAMI ST108 Critical Water Quality Specifications for Medical Device Processing¹. This reduces pitting and corrosion, microbial fouling, mineral scaling and improves cleaning quality and efficiency.

VANTAGE ASC PROCESS FLOW DIAGRAM



FEATURES & BENEFITS

- Meets AAMI ST108 Critical Water quality specifications¹
- Provides 24/7 remote monitoring and automated reports when enhanced with Water One® service program
- Provides reliable, high purity water for sterile processing
- Digitally enabled to provide critical quality, operations and maintenance data
- Pre-engineered, packaged system for fast installation and reliable operation
- UV light, sub-micron filtration and ultrafiltration for microbial and endotoxin control
- Leak detector with auto shut-off

¹ "Critical Water" quality as defined in ANSI/AAMI ST108:2023 Table 2 – Categories and Performance Qualification Levels of Water Quality for Medical Device Processing

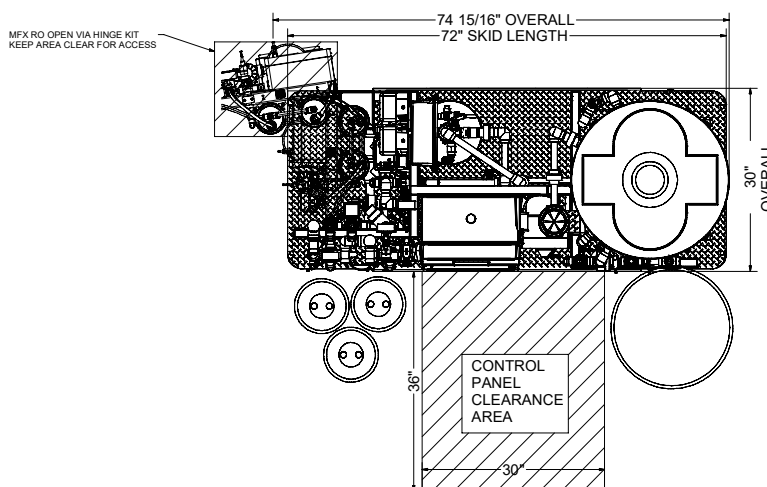
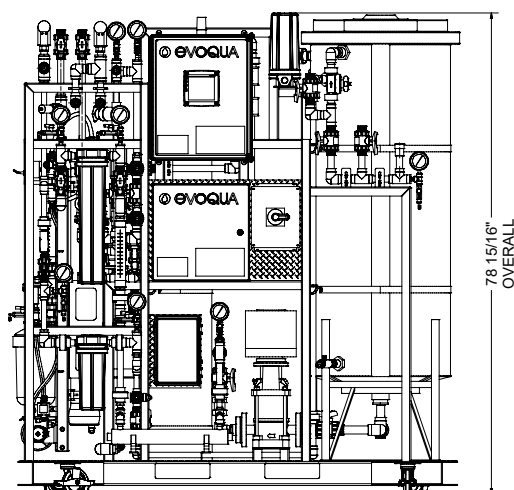
SYSTEM SIZE

Generation flowrate	2.2 GPM (at 77°F)
Storage tank	90 gal
Distribution flowrate	5 GPM
Approximate skid dimensions	74 1/16" L, 30" W, 78 15/16" H
Approximate weight	678 lbs. dry, 1,474 lbs. operation

Note: A clearance of 36" is required in addition to the width of the system for maintenance.

GENERAL SPECIFICATIONS

Control System	<ul style="list-style-type: none"> • Programmable Logic Controller (PLC) • Remote monitoring and standard reporting with Water One® Service Solution
Generation System	Carbon filtration, water softening, prefilter, reverse osmosis, service deionization, bacteria filter
Storage Tank	Polyethylene, conical bottom, with vent filter
Distribution System	Variable speed pump, ultraviolet light and ultrafiltration
Electrical requirements	120 V and 240 V single phase
Feedwater requirements	7 GPM at 50 PSIG
Drain requirements	7 GPM



THE EVOQUA DIFFERENCE

Evoqua improves upon traditional approaches to water system maintenance and testing by leveraging decades of experience in water system design, an unmatched local service network and digital remote monitoring technology to deliver the quality and quantity of water you need – when you need it. When purchased with our award-winning Water One® service offering, we back this up with a process guarantee and monthly data reports that illustrate your water quality is controlled and consistent.

With Evoqua’s Vantage® ASC Solution, you can spend less time worrying about your water quality and more time focusing on sterile processing.



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