

MOBILE AND CONTAINERIZED SYSTEMS

AXEON® Water Technologies designs and manufactures a variety of containerized water treatment systems customized to fit any application. Our containerized systems are available equipped for various applications using Reverse Osmosis, Nanofiltration, Ultrafiltration, Seawater Desalination and more.

AXEON can engineer containerized units that can be utilized for various applications, including oil platforms and drilling, seawater, military, disaster preparedness and more. Most containerized systems can be designed with pre-treatment, reverse osmosis systems, membrane cleaning systems, storage tanks, media filtration as well as insulation, lighting, and air conditioning for the container itself.



BENEFITS

- More than 25 Years of Manufacturing Experience
- Conservatively Engineered for Reliable Long Term Performance
- Factory Tested to Ensure Trouble-Free Operation
- Self-Sufficient System Allows for Easy Transportation
- Useful for Emergency Applications and Rugged Environments
- Pre-Plumbed, Wired and Assembled for a Quick Installation
- Numerous Options and Upgrades to Suit Most Applications
- Integrated Pre-Filtration
- Easy Maintenance and Servicing
- Components Easily Accessible
- Plug and Play Unit
- 1-Year Limited Warranty
- Made in the U.S.A.

FEATURES

- Heavy Duty Powder Coated Frames
- Fiberglass Membrane Housings
- Motor Actuated Feed Valve
- Stainless Steel Centrifugal Pump
- Stainless Steel High Pressure Piping and Components
- Low Pressure Switch
- High Pressure Switch
- Auto Feed Shut-Off
- Stainless Steel Globe Valves
- Clean-in-Place (CIP) Ports
- Permeate Flow Meter
- Concentrate Recycle Flow Meter
- Permeate TDS Display
- Feed TDS Display

OPTIONS

Components

- 304 Stainless Steel Skid and Frame Assembly
- Digital Inlet Feed Water pH Monitoring
- Inlet Feed Water Turbidity Monitoring
- Remote Monitoring
- Differential Pressure Gauge
- FRP and HDPE Storage Tanks with Level

Membrane Cleaning and Maintenance

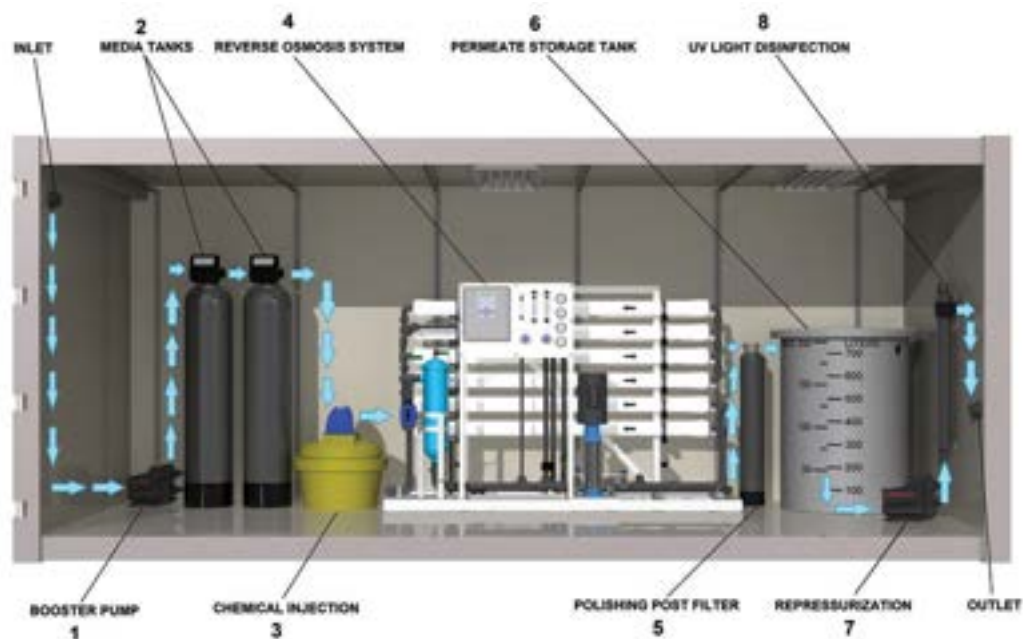
- Skid Mounted Membrane Clean-in-Place System

Pre-Treatment Systems

- Inlet Feed Water Antiscalant Chemical Addition
- Inlet Feed Water Heat Exchanger Systems
- Multi-Media Filters
- Water Softening Systems

Post-Treatments

- Two-Bed and Mixed-Bed Deionization Systems
- Polishing Filter



After contacting an AXEON Applications Engineer, customers can work exclusively with their project manager in customizing a system to fit their needs. AXEON's design team works diligently on process and instrumentation diagrams (P&ID) to detail out the necessary components for each system. After the design and materials are established, a budgetary proposal is created. Once AXEON is awarded the project, our manufacturing team ensures that the container is built exactly to specification and all quality control specifications are met. AXEON offers on-site start up and troubleshooting for ease of startup and operation.

Each containerized system features a container with double cargo doors for ease of access and servicing to the systems. All containers are pre-plumbed and wired for immediate start up of all equipment inside. Containerized systems are customizable and can be designed for temporary or long-term treatment of many applications and any feed water. Combining multiple pieces of equipment that utilize various technologies allows a single container to provide the customer with a cost-effective and efficient solution for installation and maintenance costs.



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AXEONwater.com



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