



Value Added Solution

With over 40 years experience manufacturing pretreatment equipment, Chem-Aqua's systems help ensure top performance by removing problem-causing impurities from water before they enter a system. As part of an integrated water treatment solution, our reliable and cost-effective line of ion exchange, filtration, and reverse osmosis equipment keep systems operating at maximum efficiency, reduce chemical requirements, conserve resources, and reduce operating costs.

Choosing the Right Pretreatment System

Providing a reliable, high-quality supply of treated water is critical to many processes. However, selecting the right pretreatment technologies can be a daunting task. It requires a comprehensive evaluation of the incoming water quality and process requirements, the system design and operating conditions, and economics. Our consultants, equipment specialists, and analytical laboratories are available to help you select the right pretreatment system for your facility and help troubleshoot problems. We stock an extensive line of replacement parts and consumables like filter cartridges and ion-exchange resins to help ensure your pretreatment systems continue to operate reliably and at peak performance. Chem-Aqua's manufactured pretreatment systems are just another way we add value to our customers' operations.

- **Water Softeners**

Water softeners remove the hardness ions that form scale in pipes and heat exchange equipment that interfere with critical cleaning and production processes. Chem-Aqua manufactures a full range of high-performance water softeners for commercial, light, and heavy industrial applications.

- **Other Ion Exchange Equipment**

Ion exchange is a versatile means of removing dissolved impurities from water. Softeners are the most widely used ion exchange process, but a variety of other methods can be used to effectively remove alkalinity, iron, and other dissolved solids. Chem-Aqua manufactures and supports a full range of specialty ion exchange equipment including: dealkalizers, demineralizers, condensate polishers, oxidative iron/manganese filters, and more.

- **Filtration Systems**

Filtration is an important component of many water treatment processes, including pretreatment for reverse osmosis and ion exchange equipment. Filtration is also used to enhance the performance of cooling tower and closed system treatment programs. Chem-Aqua manufactures and supports a wide range of high-performance filtration equipment including: pressurized media filters, activated carbon filters, cartridge filters, and bag filters.

- **Reverse Osmosis Systems**

Reverse osmosis (RO) systems economically produce high purity water that benefits a wide range of industries and applications. Chem-Aqua manufactures a full range of RO systems from small pre-engineered designs to large flow custom systems. Expertise and a full range of auxiliary equipment allow Chem-Aqua to provide ready to use RO systems tailored for specific applications.