

Water Systems and Service

MPW designs, builds and services complete modular water purification systems in-house at our corporate fabrication facility. Custom systems are designed to accommodate virtually any water quality, flow rate, space restrictions and effluent requirements. Full and partial service programs ensure operating reliability and maintain performance specifications. Engineering support is available 24-hours a day. MPW provides additional support for its custom systems through a fleet of mobile water treatment that includes deionization (DI) and reverse osmosis (RO) systems. MPW has the resources to accomplish all of your water supply needs.

By increasing water purity with an MPW system, boiler operation costs decrease by requiring less blow down and fewer chemical cleaning applications due to waterside deposits. Customers achieve substantial BTU savings with more reliable water. With a state of the art custom water treatment system, your resources no longer need to be diverted to maintain a constant water supply.



MPW's collaborative approach to servicing customers ensures that their needs are fully achieved. At MPW, engineers and technicians work together to implement the best solutions for our customers.



MPW's unparalleled customer service is characterized by responsiveness. MPW adapts to timeline increases by engineering an immediate solution using mobile deionization units. Systems housed in industrial containers can be placed at your water supply thereby allowing plant capacity savings.



In this system, filtration, ultraviolet sterilization and deionization mixed beds are partnered for thorough water purification.

Contact your local MPW Representative today for more information on MPW's Water System capabilities, 24-hours a day at (800) 842-4355.

MPW's water purification systems are available for long-term use on-site. Each system is custom engineered to meet individual specifications, from the initial drawings to the final installation. MPW designs skid-mounted and containerized systems to meet both indoor and outdoor installations and accommodate space requirements. Systems provided in industrial containers are fully contained units placed on-site for extended periods of time.

While customized for your water needs, systems may include:

- Reverse osmosis
- Filtration
- Ultraviolet sterilizer
- Gas transfer membranes
- Deionization
- Control and instrumentation panels
- Data acquisition systems (DAS)
- Analytical instrumentation



MPW's custom designed water systems are built with the highest quality to ensure seamless use for decades of reliable operation. All water systems are designed and built in-house at our corporate fabrication facility by a dedicated team of specialists.



MPW provides the exchange and regeneration of cation and anion resin vessels, preventative maintenance and engineering support to systems. Built at our corporate fabrication facility, the systems are installed on-site.

MPW designed, built and services this system that was installed to provide high-purity feed water for a new boiler. The system produces a max flow of 400 gallons per minute (GPM) with a normal flow of 200 GPM double pass.