

MPW's Modular Service Demineralizer System provides reliable service in a self-contained, automated, weatherized enclosure.

MPW's climate controlled containerized system provides up to 2 million grains of demineralization capacity and flow rates up to 200 GPM. The dual train design can be operated in single or combined mode depending on the water requirements. Once a train is exhausted, it can be quickly and conveniently exchanged for a freshly regenerated train from one of MPW's Regional Service Centers. The system comes complete with all interconnecting hoses, monitoring instrumentation and automatic shutdown controls. MPW's trained Field Service Technicians are available to assist with site evaluation, set-up, commissioning and operation.



Features

- Up to 2 million grain production capacity
- The dual train design can be operated in single or combined mode depending on the water requirements.
- Variable flow rates up to 200 GPM
- Conductivity instrumentation and auto shut down controls for effluent water quality monitoring
- Fully insulated and heated for year round operation
- 24/7 Logistics Department for convenient, dependable order placement and delivery coordination



Typical Application

- High purity water production
- Reverse osmosis polishing
- Process water requirements
- Power generation peaking plant requirements
- Zero liquid discharge locations

System Features

DIMENSIONS

Trailer: (LxHxW) 20'x 9.5'x8'
 Operating Weight 50,000 lbs

PRODUCT WATER

Flow Rate Up to 200 GPM
 Silica ≤ 10 ppb
 Effluent Conductivity ≤ 0.1 μ S/cm

CONNECTIONS

Inlet / Outlet 4" camlock

REQUIREMENTS

Max. Water Temperature 110°F
 Max. Inlet Pressure 120 psi
 Min. Inlet Pressure 30 psi
 Inlet Turbidity Range <1 NTU
 Electrical 240 VAC, 100 AMPS

INSTRUMENTATION

Dual Conductivity Meters
 Flow Meter and Totalizer
 Automatic Shutdown on Power Loss
 Automatic Shutdown when Product Conductivity Set point is Exceeded
 Pressure Reducing Valve (PRV)

Technical Specifications

