

Multi-Configuration Demineralizer



MPW features the industry's largest mobile demineralization system with up to 10 million grains of production capacity.

MPW's unique header and vessel design makes adjusting ion exchange resin configurations quick and easy to fit your specific production and quality requirements in a cost effective manner. Systems can be configured to produce capacities from 3 million to 10 million grains. MPW's mobile demineralization service includes system staging, start-up and operator training by a qualified MPW driver technician.



Features

- Up to 28 custom configured vessels per trailer for optimum site specific performance
- Conductivity instrumentation and auto-shutdown controls for effluent water quality monitoring
- 3 million– 10 million grain production capacity options
- Adjustable flow rates for up to 450 GPM per trailer
- 24/7 Logistics Department for dependable order placement and delivery coordination
- Field service technical support
- Regionally located regeneration and service centers for fast, dependable support



Typical Applications

- Steam generator make-up
- Pre-commission services (hydro/steam blows)
- Condensate or off-spec. water polishing
- Process water requirements
- Zero liquid discharge locations
- Seasonal & peak demand requirements
- Supplemental capacity support
- Water plant outage support

System Features

DIMENSIONS

Trailer: (LxHxW) 47'x8.5'x13.5'
 Operating Weight 100,000 lbs

PRODUCT WATER

Flow Rate Up to 450 GPM
 Silica ≤ 10 ppb
 Effluent Conductivity $\leq 0.1 \mu\text{S/cm}$

CONNECTIONS

Inlet / Outlet 4" camlock or
 2.5" Firehose

REQUIREMENTS

Max. Water Temperature 110°F
 Max. Inlet Pressure 120 psi
 Min. Inlet Pressure 30 psi
 Inlet Turbidity Range <1 NTU
 Electrical 120 V, 15 AMP

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

