

Service Demineralization



MPW's Service Exchange Demineralizer consistently provides dependable and convenient demineralization service for light to medium production requirements

MPW's 15 and 35 cubic foot ion exchange vessels provide customized systems to meet your specific flow rate and quality requirements. Systems can be provided in a variety of configurations from a single vessel system up to dual train multi vessel designs. Each system includes interconnecting hoses with optional monitoring instrumentation and automatic shutdown controls. MPW's trained Field Service Technicians are available to assist with site evaluation, set-up, commissioning and operation. This flexible and cost effective service method is ideal for industries demanding high purity water where resistivity up to 18.2 Megohms is required.



Features

- Flexible media configurations including filtration, cation, anion and mixed bed ion exchange resin
- Variable flow rates up to 100 gpm per train
- Dedicated ion exchange resin capabilities
- Optional conductivity and silica analyzers
- No Hazardous chemicals stored or handled on jobsite
- Convenient vessel exchange service with MPW's lift gate truck and walk behind forklift
- 24/7 Logistics Department. for convenient and dependable order placement and delivery coordination



Typical Applications

- High purity water requirements
- Reverse osmosis polishing
- Power generation peaking plant requirements

System Features

DIMENSIONS

15 Cubic Ft.

Vessel (l-w-h)	26"x26"x84"
Weight	1,700-1,900 lbs.
Connections	2" Male Camlock

35 Cubic Ft. (Fiber Reinforced Plastic)

Vessel (l-w-h)	38"x38"x84"
Weight	2,450-2,750 lbs.
Connections	3" Male Camlock

REQUIREMENTS

Max. Water Temperature	110°F
Max. Inlet Pressure	100 psi
Min. Inlet Pressure	30 psi

PRODUCT WATER

Flow Rate	5-75 / 10-100 / GPM
Silica	≤ 10 ppb
Effluent Conductivity	≤ 0.1 μS/cm

MEDIA TYPE

Vessel Arrangements: Carbon Filtration Media, Cation, Strong Base Anions, Weak Base Anions, Mixed Beds

Technical Specifications

