

# 42-Cubic-Foot Service DI Vessels

Consistently provides dependable and convenient demineralization service for light to medium production requirements.

42-cubic-foot tanks dedicated to facility use as a standalone system.

Convenient vessel-exchange service with MPW's liftgate truck and walk-behind forklift.

Ideal for industries demanding high-purity water.



## FEATURES

- Flexible configurations including media filtration, cation, anion and mixed bed ion exchange resin
- No hazardous chemicals stored or handled on jobsite
- Logistics Department available 24/7 for dependable order placement and delivery coordination
- Dedicated ion exchange resin capabilities
- Optional silica, sodium and conductivity analyzers
- Fused HDPE plumbing, break-resistant piping with 3-inch fittings
- Lowered inlet plumbing connections for ground-based hookups

## APPLICATIONS

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



### DIMENSIONS

**Vessel**  
44"x44"x87" (LxWxH)

**Weight**  
3,300 pounds

### PRODUCT WATER

**Flow rate**  
200 gpm

**Silica**  
≤10 ppb

**Effluent Conductivity**  
≤0.1 μS/cm

### CONNECTIONS

**Inlet/Outlet**  
3" male camlock

### REQUIREMENTS

**Max. Water Temp.**  
110° F

**Max. Inlet Pressure**  
100 psi

**Min. Inlet Pressure**  
30 psi

### VESSEL ARRANGEMENTS

Carbon filtration media  
Strong acid cation  
Weak base anions  
Strong base anions  
Mix beds  
Softening resin

