

# Service Demineralization Vessels

**Dependable and convenient demineralization service for light to medium production requirements.**

**15- and 30-cubic-foot ion exchange vessels provide customized systems to meet specific flow rate and quality requirements.**

**Available in a variety of configurations from a single-vessel system to dual-train, multi-vessel designs.**

**Ideal for industries demanding high-purity water.**

## FEATURES

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

## APPLICATIONS

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



### DIMENSIONS

**15 CUBIC FEET (FIBER REINFORCED PLASTIC):**

**Vessel**

26"x26"x84" (LxHxW)

**Weight**

1,700-1,900 pounds

**30 CUBIC FEET (FIBER REINFORCED PLASTIC):**

**Vessel**

38"x38"x84" (LxHxW)

**Weight**

2,450-2,750 pounds

### PRODUCT WATER

**Flow rate**

5-75 gpm/ 10-100 gpm

**Silica**

≤10 ppb

**Effluent Conductivity**

≤0.1 μS/cm

### CONNECTIONS

**Inlet/Outlet**

2" 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

