

# Modular Service Demineralizer

Up to 2 million grains of demineralization capacity and flow rates up to 200 gpm.

Operated in single or combined mode depending on water requirements.

Comes complete with all interconnecting hoses, monitoring instrumentation and automatic shutdown controls.



## FEATURES

- Up to 2 million grain production capacity
- Dual-train design can be operated in single or combined mode depending on water requirements
- Variable flow rates up to 200 gpm
- Conductivity instrumentation and auto shutdown controls for effluent water quality monitoring
- Fully insulated and heated for year-round operation
- 24/7 Logistics Department for dependable order placement and delivery coordination
- Onboard remote monitoring available
- Optional silica monitoring available

## APPLICATIONS

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



#### DIMENSIONS

**Trailer**  
20'x9.5'x8' (LxHxW)

**Operating Weight**  
35,000 pounds

**Shipping Weight**  
10,000 pounds

#### PRODUCT WATER

**Flow Rate**  
Up to 200 gpm

**Silica**  
≤10 ppb

**Effluent Conductivity**  
≤0.1 μS/cm

#### CONNECTIONS

**Inlet/Outlet**  
4" Camlock

#### REQUIREMENTS

**Max. Water Temp.**  
110° F

**Max. Inlet Pressure**  
100 psi

**Min. Inlet Pressure**  
30 psi

**Inlet Turbidity**  
<2 NTU

**Electrical**  
(2) 15A 120VAC SP

#### INSTRUMENTATION

Single bed and effluent conductivity

Flow meter and totalizer

Automatic shutdown on power loss

Automatic shutdown when product conductivity set point is exceeded

Inlet pressure reducing valve (PRV)

Inlet pressure relief valve

