

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

