

Multi-Configuration Demineralizer (mini)

Simplifies ion exchange resin configuration adjustments to efficiently meet production and quality requirements.

Can be configured to produce capacities up to 5 million grains (400 cubic feet) of resin.



FEATURES

- Up to 14 custom-configured vessels per trailer for optimum, site-specific performance
- Conductivity instrumentation and auto-shutdown controls for effluent water quality monitoring
- 3–5 million grain production capacity
- Adjustable flow rates for up to 450 gpm per trailer
- Field service and technical support
- 24/7 Logistics Department for dependable order placement and delivery coordination
- Regionally located regeneration and service centers for fast, dependable support
- Onboard remote monitoring available
- Optional silica monitoring available

APPLICATIONS

- Steam generator make-up
- Pre-commission services (hydro/steam blows)
- Condensate or off-spec water polishing
- Process water requirements
- Zero liquid discharge locations
- Seasonal and peak demand requirements
- Supplemental capacity support
- Water plant outage support



DIMENSIONS

Trailer

28'x8.5'x13.5' (LxWxH)

Operating Weight

60,000 pounds

Note: 43', 47' and 50'
trailer lengths also
available

PRODUCT WATER

Flow Rate

Up to 450 gpm

Silica

≤10 ppb

Effluent Conductivity

≤0.1 μS/cm

CONNECTIONS

Inlet/Outlet

4" Camlock or
2.5" Firehose

Pressure Relief

2.5" Firehose

REQUIREMENTS

Max. Water Temp.

110° F

Max. Inlet Pressure

100 psi

Min. Inlet Pressure

30 psi

Inlet Turbidity

<2 NTU

Electrical

(2) 120 VAC, 15 A 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

