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

9711 Lancaster Rd. SE, Hebron, OH 43025
www.mpwservices.com
24/7 Customer Support: (800) 842-4355
**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

**DIMENSIONS**

**Trailer**
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**Flow Rate**
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**Silica**
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≤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

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