Service Demineralization Skid

Consistently provides dependable and convenient demineralization service for light to medium production requirements.

Ion exchange vessels of 15 or 30 cubic feet provide customized systems to meet specific flow rate and quality requirements.

Includes interconnecting hoses with optional monitoring instrumentation and automatic shutdown controls.

FEATURES

- Flexible media configurations including filtration, cation, anion and mixed bed ion exchange resin
- Variable flow rates up to 350 gpm per train with two trains per header
- 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
- Pressure-reducing valve and pressure-relief valve
- Actuator/auto shutdown on conductivity
- Conductivity meter and final flow meter
- Optional silica analyzer and sodium analyzer

APPLICATIONS

- High-purity water requirements
- Reverse osmosis polishing
- Condensate or off-spec water polishing
- Process water requirements
- Zero liquid discharge locations
- Seasonal and peak demand requirements
- Supplemental capacity support
- Power generation peaking plant requirements

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

12-Vessel Header:
- **Vessel**
  - 157”x76”x48” (LxHxW)

- **Weight**
  - 1,200 pounds

Header (with 12 vessels):
- **Footprint**
  - 144”x88”x225”

**PRODUCT WATER**

- **Flow rate**
  - ≤350 gpm per side

- **Silica**
  - ≤10 ppb

- **Effluent Conductivity**
  - ≤0.1 μS/cm

**CONNECTIONS**

- **Tank Connections**
  - 2” Male Camlock

- **Header Inlet**
  - 4” Male Camlock

- **Header Outlet**
  - 4” Male Camlock

- **Pressure Relief**
  - 2.5” Male Fire Hose

**REQUIREMENTS**

- **Max. Water Temp.**
  - 110˚ F

- **Max. Inlet Pressure**
  - 100 psi

- **Min. Inlet Pressure**
  - 30 psi

**MEDIA TYPE**

- **Vessel arrangements**
  - Carbon filtration media
  - Strong cation
  - Weak base anions
  - Strong base anions
  - Mix beds