

Mixed Bed Deionization Polishing Systems

Pre-Engineered Systems

- Time tested & trusted method to generate a consistent & reliable high purity water source
- Will produce high quality deionized water from almost any feed water
- Superior Water Use Efficiency
- Ideal for applications where water is scarce or where there are restrictions or concerns to the waste water volume
- Predictable high purity water treatment
- Batch high purity water treatment

Applications

- Power Industries water treatment cornerstone – for high efficiency turbine & high pressure boilers
- General Industry – Improved productivity for process, make-up & rinse
- Boiler Make-Up – Reduced scaling, improved energy efficiency



Standard Features

- Stainless Steel (or Carbon Steel) vessels & face piping
- Chemically inert lining or coating
- NEMA 4X Etc
- Operating Pressure Range: 50 – 100 psi (345 – 690 kPa)
- Water Temperature Range: 45 – 120° F (7 – 49° C)
- Power Requirements 120 V/60 Hz (for the monitoring system)
- 240/480 VAC, 3 phase, 60 Hz (for the regeneration system)

System Performance

- Operating parameters
- Systems with flow rates ranging from
110 – 1,250 gpm (610 – 6,800 m³/d)
- Recirculating system design ensures a
continuous water quality of 16 -18
Megohm - cm

Instrumentation

- Flow & Conductivity Meters
- PLC or Microprocessor based packages

Optional Features/Configurations

- Complete turn-key system integration with
UF – PWRO & MBP, though one
common RO based PLC
- ASME Vessels
- PLC Controls

Ancillary Equipment

- Storage tanks, MMF, CF, DI, Etc

Other Services Available

- Pilot Studies
- Water Analysis & Evaluations
- Installation
- Commissioning
- Start-up
- Training
- Post Sales Service Support

Contact: