

Flex Media Pro Vessels



MPW's FlexPro Media vessels solve a variety of water processing problems by providing a convenient, customized solution.

MPW's FlexPro 90 cubic foot vessels offer the flexibility to provide a variety of water processing requirements including demineralization, filtration and softening. As a skid mounted system, FlexPro 90 vessels can be used as a single process vessel or in multiple vessel combinations to perform a series of process requirements. Each vessel can be customized to include the proper instrumentation and auto-shutdown controls for its specific task. MPW's trained Field Service Technicians are available to assist with site evaluation, setup, commissioning, and operation.



Features

- Capable of up to 1,000 GPM flow rates
- Customized for filtration, softening, or a combination of both
- PLC Controlled Chemical Feed Systems and Automatic Back wash/Media Regeneration
- Multiple flexible media configurations
- On-board touchscreen panel PC and PLC for real-time SCADA and system trending
- 24/7 Logistics Department for dependable order placement and delivery coordination
- Field service technical support



Typical Application

- Turbidity and suspended solids reduction
- Organic compound reduction
- Colloidal silica reduction
- Reverse osmosis or demineralization pre-treatment
- Pre-treatment system outage support
- Process filtration requirements
- Activated carbon pre-treatment requirements

System Features

DIMENSIONS

Trailer: (LxHxW) 84'x84'x94'
 Operating Weight 10,000 lbs

PRODUCT WATER

TSS 10-200 GPM (Per Tank)
 Mixed Bed Filtration < 1 NTU
 Mixed Bed Softening < 1 mmol/L or < .056 dGH
 Silica ≤ 10 ppb
 Effluent Conductivity ≤ 0.1 µS/cm

CONNECTIONS

Inlet / Outlet 4" SS camlock
 Product 2" SS Male Camlock
 Waste 4" SS Male Camlock

REQUIREMENTS

Max. Water Temperature 104°F
 Min. Water Temperature 35°F
 Max Inlet Pressure 100 psi
 Min Inlet Pressure 30 psi

INSTRUMENTATION

Flow Meter & Totalizer
 Outlet Bag Filter Housing

Technical Specifications

