

Flex Media Filtration

Rapid-response filtration for processing supply waters with high concentrations of suspended solids and organic colloids.

Configured using a variety of media types, producing flow rates up to 800 gpm.



FEATURES

- Capable of up to 800 gpm
- Customized for filtration
- PLC-controlled chemical feed systems
- Automatic backwash
- Onboard touchscreen panel PC and PLC for real-time SCADA and system trending
- Logistics Department available 24/7 for dependable order placement and delivery coordination
- Multiple media configurations
- Field service technical support

APPLICATIONS

- Turbidity and suspended solids reduction
- Organic compound reduction
- Colloidal silica reduction
- Pretreatment system for outage support
- Reverse osmosis or demineralization pretreatment
- Process filtration requirements
- Activated carbon pretreatment requirements

DIMENSIONS

Trailer

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

Operating Weight

100,000 pounds

PRODUCT WATER

Flow Rate

Up to 800 gpm

Filtration

<1 NTU

Softening

<1.0 PPM

Vessels

(6) 60" D x 90" H

Coagulant

Auto Inline Feed System

Backwash

Manual and Auto options

CONNECTIONS

Inlet/Outlet

6"/4" flange/camlock

Product

6"/4" flange/camlock

Waste

4" camlock/flange

REQUIREMENTS

Max. Water Temp.

110° F

Max. Inlet Pressure

100 psi

Min. Inlet Pressure

50 psi

Inlet Turbidity

<50 NTU

Electrical

(2) 120 VAC, 15 AMP SP

INSTRUMENTATION

Flow Meter and Totalizer

Inlet Pressure Relief Valve

Inlet Pressure Reducing Valve (PRV)

Touch Screen Panel PC and PLC for Real-time SCADA and System Trending

Digital Pressure Transducers

