

# 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

- Softening up to 800 gpm
- Filtration up to 600 gpm
- Customized for filtration, absorption or softening
- PLC-controlled chemical feed systems
- Available automated 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
- Parallel or series operation
- Field service technical support
- On-line turbidity meters

## APPLICATIONS

- Turbidity and suspended solids reduction
- Organic compound 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

