

# Cartridge Filtration

Rapid response filtration for processing waters with low to moderate concentrations of suspended solids.

Configured using a variety of cartridge filter micron ratings, producing flow rates up to 500 gpm in parallel operation.

Duplex design allows for continuous operation during filter change-outs.

Multiple skids are coupled for higher flow capacity requirements using a single inlet/outlet connection.



## FEATURES

- Capable of up to 500 gpm flow rates (single skid)
- Multiple cartridge filter options are available depending on feed/product water specifications
- Duplex skid design for continuous operation
- All stainless steel construction for enhanced durability
- Fork channels and lift lugs for easy transportation and placement
- Multi-skid option for higher flow rates (1,000+ gpm)
- 24/7 Logistics Department for dependable order placement and delivery coordination
- 4-inch, class-150 flange connections for multiple adapter options
- Inlet/outlet pressure gauges for monitoring performance
- 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 and posttreatment requirements

### DIMENSIONS

**Skid**  
48"x36"x46"

**Operating Weight**  
850 pounds

### PRODUCT WATER

**Flow Rate**  
Up to 500 gpm

**Housings**  
(2) 22" round x 40" high

### CONNECTIONS

**Inlet/ Outlet**  
4" class 150 flange

**Dirty Drain**  
0.5" FNPT

**Vent**  
0.5" FNPT

### REQUIREMENTS

**Max. Water Temp.**  
130° F

**Max. Inlet Pressure**  
150 psi

**Min. Inlet Pressure**  
20 psi

**Typical Inlet TSS**  
<100 PPM

### INSTRUMENTATION

Depth or pleated  
0.5-100 Micron Nominal

40" cartridge length

Double open-ended  
configuration

