

Filtronics makes a system for you

Whether your application is municipal or industrial, Filtronics makes a water filtration system to satisfy your requirements. Simple and efficient, Filtronics systems use the classic approach to water treatment: chemical addition, mixing, flocculation, sedimentation, filtration. Our experience goes beyond the classical with our exclusive Electromedia, state-of-the-art system design, and custom configuring.

Electromedia® I System -

Arsenic, Iron, Manganese & other Metal Removal

A simple, compact filtration system that effectively removes arsenic, iron, manganese and other metals without the use of green sand or potassium permanganate. EM-I filters up to 15 gpm per sq. ft. with a single vessel system capable of flows up to 2300 gpm.

Electromedia® II System -

Turbidity Filtration without Alum or Polymer

Electromedia II is designed for applications where high quality filtrate for process water is required prior to reverse osmosis and deionization. Without the use of alum or polymer, the system filters up to 15 gpm per sq. ft. with flow ranges of 30-2300 gpm simplex systems.

Electromedia® III System -

Heavy Suspended Solids Filtration

Where space constraints preclude use of a clarifier, Electromedia III removes heavy suspended solids from water having up to 200 ppm contaminants. The system is excellent for treatment of primary sewage after gross solids have been removed, car wash rinse waters, and a number of irrigation waters filtering up to 5 gpm per sq. ft. with flow ranges of 10-750 gpm. simplex systems.

Electromedia® IV System -

Secondary Sewage Filtration

Electromedia IV filters properly treated secondary effluent waters containing suspended and settleable solids of 50 ppm. The system uses no alum or polymer to produce filtrate qualities of less than 5 ppm and filters at 5 gpm per sq. ft. with flow ranges of 10-750 gpm simplex systems.

Electromedia® V System -

Turbidity Filtration

Electromedia V effectively filters turbid river & canal water using alum as a coagulant in 'direct' filtration up to 10 gpm per sq. ft. with flow ranges of 20-1500 gpm.

Electromedia® VI System -

Heavy Metal Removal

Electromedia VI is used when you are exceeding your discharge limits for lead, zinc, copper, chrome, or other heavy metals in situations when suitable water quality is desired for discharge to sewer or for recycling purposes. Filters up to 10 gpm per sq. ft. with flow ranges of 20-1500 gpm.

Electromedia® VII System -

Cooling Tower Side Stream

Electromedia VII removes suspended solids from cooling tower side stream waters. Filters up to 15 gpm per sq. ft. with flow ranges of 30-2300 gpm.

Electromedia® VIII System -

Sea Water Filtration

Electromedia VIII filters suspended solids from sea water for applications such as aquariums, research facilities, brine water injection or desalination pre-treatment. Filters up to 10 gpm per sq. ft. with flow ranges of 20-1500 gpm.

Electromedia® IX System -

Fluoride and Arsenic Removal

In situations where both arsenic and fluoride are prevalent, Electromedia IX effectively removes fluoride and then blends back to achieve desired level. Through blending, chemical costs and initial capital investments are minimized. To remove arsenic, Electromedia IX uses a fluidized bed reactor to reduce contamination to below required levels. Filters up to 10 gpm per sq. ft. with flow ranges of 30-2300 gpm.

EM-Pure™ Membrane Systems

EM-Pure® is a fully automated, self-contained purification system which is ideal for a wide variety of municipal and industrial water treatment and seawater desalination applications.

Granulated Activated Carbon System

Filtronics GAC filtering system effectively removes trihalomethanes, pesticides, and other contaminants. Filtering up to 5 gpm per sq. ft. in flow ranges of 10-750 gpm, the system is properly sized to provide long, continuous operation at minimal costs.

Packaged Surface Treatment Systems

Filtronics offers a flexible economical system for applications requiring complete treatment including rapid mix, flocculation, and clarification. Through modular construction and design flexibility, our treatment systems can be configured for any space without compromising quality.

Filtronics Envirowash® - Backwash/Reclaim System

Filtronics automated 4 minute backwash reclaim system allows you to reclaim more than 99% of your backwashed water resulting in lower costs and environmental savings.

Filtronics Automated Pilot Test

Filtronics automated 'full scale' pilot test provide long term, real time data to determine the treatability of the water source, removal efficiencies, and operating costs. The pilot test provides the basis for design and performance of the full scale system.



Our systems are
GREEN friendly.

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