

Electromedia® Permanent Filtration Media

The efficiency and effectiveness of any water filtration system is dependent upon the filtration media. Filtronics Electromedia® permanent filtering media is the most effective and economical filtering media on the market today. When combined with our highly advanced system design, Filtronics Electromedia® Systems outperform other available filtration methods such as reverse osmosis, ion exchange or adsorption.

What is Electromedia®?

Filtronics Electromedia is a granulated, naturally occurring and specially processed, sand-like filtering media that can filter particles as small as 2 microns. It generally falls under the generalized category of “sand”, however, Electromedia® is not a resin, plastic, or silica product. Electromedia® is **NSF Certified** to ANSI/60-61 Standards.

What are the advantages of Electromedia®?

When combined with Filtronics highly advanced system design, the efficiency of Electromedia® offers several distinct advantages:

- **Higher Filtration Rates.** Electromedia® can filter up to 15gpm/sq ft. with the same or better performance than other medias filtering at only 3-5 gpm/sq ft.
- **Shorter Backwash time.** Our standard backwash takes only 4 minutes compared to competing systems which require 15 minutes or more, saving thousands of gallons of water.
- **No media changeouts.** Electromedia® is a permanent media so it only needs replenishment after 10 years compared to other medias which require high cost media replacement after 5 years. The result is tremendous cost savings.
- **Reduced Footprint.** Due to the high efficiency of Electromedia® filtering media, our systems require less space than similar flow systems produced by competitors.
- **Minimal Chemical Dosing.** Our Electromedia® filtering media generally requires fewer chemicals than our competition saving thousands annually in chemical costs.
- **Lower Operator Involvement.** Electromedia® Systems require one hour per week of operator time, lowering operation and maintenance costs.

The bottom line:

Filtronics Electromedia® highly efficient permanent filtration media gives municipalities and industries the lowest cost per thousand gallons of water treated that is unmatched by our competition.



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