

Filtration Systems APX® HIGH-CAPACITY ELEMENT

APX Filter Element combines large surface area and high flow rate to provide massive solids loading with longer run times in a unique, oversized drop-in design filter element.

We serve the following industries and their distributors:

- Chemical & Petrochemical Processing
- Pharmaceutical, Cosmetic & Biotechnology Processing
- Water Treatment, Purification & Reclamation
- Food, Beverage & Fermentation
- Electronic Components, Photo & Audio Visual
- Surface Technology, Cleaning Machines, Nuclear
- Critical Liquid Process Applications

With over 50 years of industry experience, Filtration Systems has a reputation as a market leader, manufacturing industrial liquid filter products of superior quality and design.

Our vessels and filter media are specifically designed to work together as a system, maximizing efficiency.

Filtration Systems

Division of Mechanical Mfg. Corporation



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Large Diameter, Drop-In Cartridge Filter Element

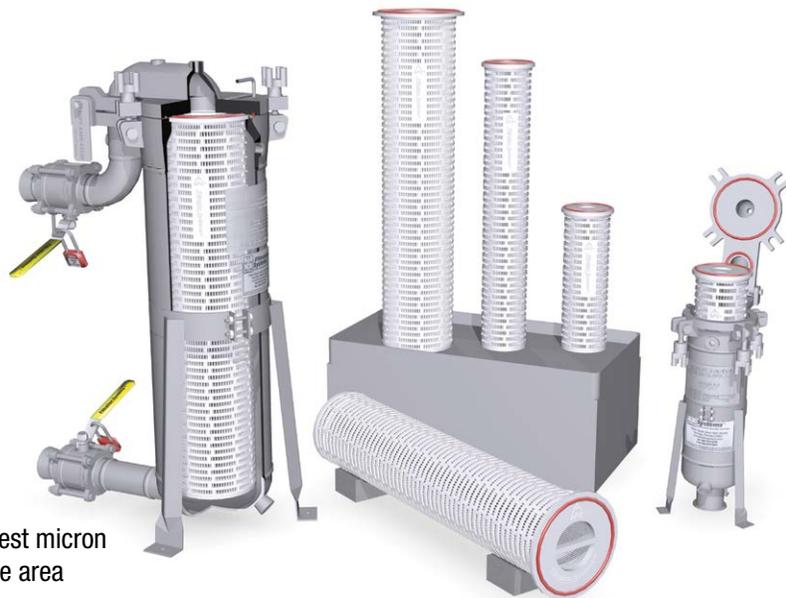
Advanced filter technology specifically designed for *Over-The-Top*® Vessel Systems

Features

- Inside to outside flow configuration allows the finest micron retention to have the greatest allocation of surface area
- Graded-design, controlled porosity depth media for precise particle retention and consistent performance
- Deep-pleated design and structurally reinforced upstream/downstream for product stability
- Long cycle times and enhanced life make them more economical than using standard cartridge filters
- Greater surface area due to larger physical size compared to other competitive products, providing lower cost-per-gallon to filter
- Retrofits most standard #2, #4 & #5 size filter housings, avoiding the capital expense of new equipment
- Easy to use drop-in design requires no support basket for use, further reducing pressure buildup
- Filtered solids are contained within the element, so removal of the cartridge fully eliminates vessel cleaning

Specifications

- Materials of Construction: 100% Polypropylene
- All materials are FDA listed for food contact in Title 21 of U.S. Code of Federal Regulations
- Absolute-rated efficiency of 99% (ASTM F 795 Test)
- Maximum Operating Temperature 176°F/80°C
- Maximum Recommended Change-out Differential 35psid
- Maximum Differential Pressure of the APX element 60psid at 68°F and 50psid at 120°F (ambient temperature)
- *PurSeal*® flange provides hydrostatic compression seal when used in our *Over-The-Top* design housings, eliminating bypass of unfiltered liquid downstream
- EPR/EPDM standard gasket material



Easy to use drop-in design requires no support basket.



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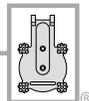
MODEL	SIZE (DIA. x L)	MAXIMUM FLOW RATE (WATER)	MICRON RATING AVAILABILITY
APX-728	7" x 28"	120gpm	0.5, 1, 5, 10, 25, 50, 100, 250, 350, 500, 700
APX-412	4" x 12"	26gpm	0.5, 1, 5, 10, 25, 50, 100
APX-422	4" x 22"	46gpm	

Product Specifications: With over 50 years of industry expertise and proven performance, *Filtration Systems* offers quality products at responsible prices. We continually strive to improve our products through ongoing research and development; therefore, we reserve the right to change specifications without notice.

Intellectual Property: *Filtration Systems* products offer exclusive manufacturing technology. Our company is committed to protecting its patents, trademarks, and proprietary rights from those who would wrongfully use them.

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ISO 9001:2015 Certified

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