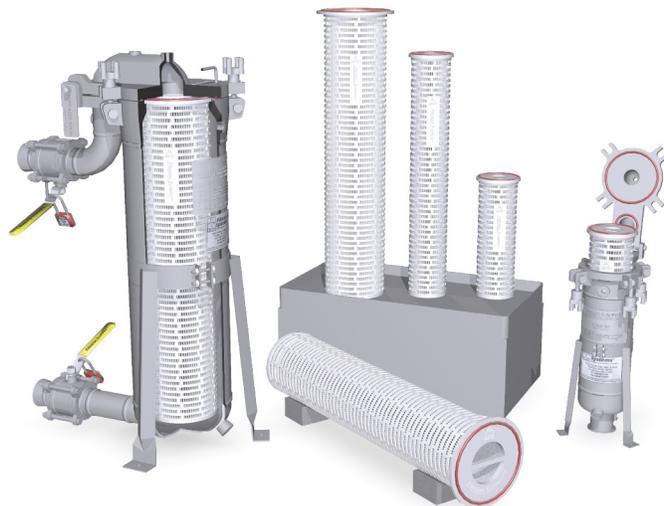


Filtration Systems APX® HIGH-CAPACITY ELEMENT



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

- Available in three sizes:
APX-728: 7" Dia. x 28"L **APX-412:** 4" Dia. x 12"L **APX-422:** 4" Dia. x 22"L
- 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% available in seven-micron ratings: 0.5, 1, 5, 10, 25, 50 and 100. (ASTM F 795 Test)
- Maximum Flow Rate (water) **APX-728:** 90gpm **APX-412:** 20gpm **APX-422:** 30gpm
- Maximum Operating Temperature 176°F/80°C
- Maximum Recommended Change-out Differential 35 psid
- Maximum Differential Pressure of the APX® element 50 psid at 68°F and 45 psid at 120°F
- *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.



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.

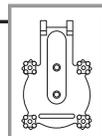
©2019 Mechanical Mfg. Corporation

Product Specifications: With over 50 years of industry expertise and proven performance, *Filtration Systems* manufactures responsibly priced, quality products. 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.

Filtration Systems™

Division of Mechanical Mfg. Corporation
10304 N.W. 50th Street • Sunrise, FL 33351 USA
Tel: 954-572-2700 • Fax: 954-572-3401
www.filtrationsystems.com



ISO 9001:2015 Certified
APX 05/19

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.

