



Velcon[®]

FUEL FILTRATION EQUIPMENT & CARTRIDGES

INDUSTRY QUALIFIED



Velcon Filters manufactures hundreds of different filter cartridges, with a range of filtration efficiencies in a variety of configurations, to meet specific industry filtration requirements. Cartridges qualified to military specifications are also offered.

Included is the industry's most complete line of cartridge sets qualified by test to the latest edition of API/EI 1581 for use in Filter/Separators and EI 1583 for use in monitor vessels (water absorbing cartridges).

Super-absorbent **Aquacon**® cartridges offer remarkable water removing and holding capability in addition to 1/2 micron particulate removal. They are qualified to EI 1583 specifications.

Other cartridges are offered for the removal of granular and colloidal contaminants as well as surfactants.

This family of cartridges provides optimum filtration performance when used in either Velcon filter vessels or in housings made by Quantek/Facet, Fram, Bendix, Bowser/Keene/Kaydon, Purolator, and numerous others.

Contact your local Velcon Representative for a discussion of your specific requirements.

Filter/Separators

Filter/Separators are two-stage vessels designed to remove dirt and separate water from fuel at refineries, product terminals, fuel farms, and on refueling vehicles.

They continuously coalesce and separate water, which collects in the vessel sump where it can be drained. Velcon Filter/Separators have passed numerous tests qualifying them to the latest API/EI 1581 edition. Construction is to ASME Code. Units qualified to military specifications are also available.

Equipment

Fixed Installations

- VV Series Vertical Vessels
- HV Series Horizontal Vessels
- V Series Vertical Vessels Mobile

Fueling Units

- HV Series Horizontal Vessels
- HVS Series Horizontal Vessels

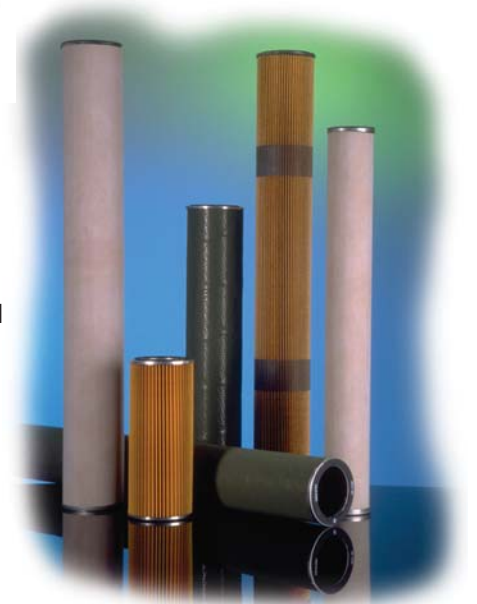


Coalescer Cartridges

Used as a first-stage cartridge in Filter/Separators. Remove particulates and coalesce water into large water drops. Also available in screw base design.

Separator Cartridges

Second stage cartridges in Filter/Separators repel coalesced water drops which then collect in the sump for easy removal. Available in Teflon® Coated Screen, Synthetic Media or Pleated Paper Media.



& TESTED . . . VELCON FILTERS

Water Protection Filters

Velcon's Water Protection Filters are single-stage filter vessel systems which remove water and dirt from Avgas and Jet Fuel and provide protection from water at the point of final fuel filtration. When a monitor system's water holding capacity is reached, the flow of fuel is restricted. Units meet all API/EI Specifications. Construction is to ASME Code Section VIII.

Equipment

Fixed or Mobile Units

- AHM or HM Series Horizontal Monitor Vessels
- AVM or VM Series Vertical Monitor Vessels

High Capacity **Aquacon®** Units

- HA Series Horizontal Vessels
- VA Series Vertical Vessels

Micronic and Clay Vessels

Micronic and Clay Vessels remove dirt and surfactants. Micronic vessels offer economical particulate prefiltration upstream of clay units or Filter/Separators. Clay elements remove surfactants. Construction is to ASME Code Section VIII.

Equipment

Fixed Installations

- VF, VFA Series Vertical Filter Vessels
- HF Series Horizontal Filter Vessels
- VC Series Clay Element Vessels

Pleated Paper Cartridges

Corrugated pleated media with large surface area for filtration of granular contaminants. Also available in threaded base design.



CDF® Cartridges

Absorb water and filter solids from Avgas and Jet Fuel. Provide protection against water slug transmission.



Aquacon® Cartridges

Filter particulate matter and absorb water with great efficiency. Water capacity is approximately 40 times greater than 2" diameter monitor cartridges. Also provide protection against water slugs.



Fiberglass Filter Cartridges

Progressively finer layers of fiberglass filter colloidal or slimy contaminants.

Clay Canister Cartridges

Attapulugus clay canisters for removal of surfactants from jet fuel and other petroleum products.

Commissioning Cartridges

Commissioning Cartridges (our FI-xxx series) are now available. They can be used in place of coalescers to remove heavy solid contaminants during start up. Our FO-754PL05 and other shorter length filter elements can be used in place of clay canisters for initial system flush.

Velcon Filters, LLC Divisions

Aviation

Aviation Division provides filtration and fueling solutions for jet fuels and avgas.



SRS (Sump Recovery System)

Velcon Filters manufactures hundreds of different filter cartridges, with a range of filtration efficiencies in a variety of configurations, to meet specific industry filtration requirements.

In addition, Velcon's research and product development team is constantly seeking solutions to many fuel quality problems such as the following innovative products:

- FDPM[®] – Flow Differential Pressure Module, for corrected differential pressure readings (Data sheet #1966)
- VCA[®] – Velcon Contaminant Analyzer, for real-time fuel quality analysis in the field. (Data sheet #1964)
- VCA-CV – VCA[®] unit combined with a Cla-Val valve (Data sheet #2036)
- SRS – Sump Recovery System, for fuel savings and environmentally sound handling of sumped fuel. (Data sheet #1967)

For more information, and to discuss your specific requirements, please contact your local Velcon Representative.

Industrial

Industrial Division provides filtration and fueling solutions for hydraulic & lube oils, diesel, and biodiesel fuels.



Systems

Velcon Systems provides filtration solutions for insulating oil in transformers, circuit breakers, and load tap changers.



Process

Velcon Process provides filtration for the process industry, including food & beverage, refining, chemicals, gas, pipelines and process water.



VCA[®] (Velcon Contaminant Analyzer)



Velcon products are sold and serviced by a world-wide representative network. To order, contact Headquarters or your LOCAL REPRESENTATIVE:

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Sylacauga, Alabama
Henryetta, Oklahoma

OFFICES AND AFFILIATES IN:
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