

Velcon[®]

Industrial Filtration Equipment

Portable Filter Pumps



MP5
(#1535)
MP1EG
(#1721)
MP5E
(#1661)



MCP5E/MDP5E
(#1691)
AVF
(#2023)
HP10/HP30
(#1604)

Stationary Housings



VF-62
(#2105)
VF-61
(#2105)
VF-609
(#1804)
VF-31E
(#1597)



Vel-Max®
(#1961)
VF-71E
(#1654)
VF-166C/VF-2012C
(#1588)
VF82B
(#1708)

Filter Systems



TOC30 (#1751)
TOC5 (#1857)
HCP/HDP (#1693)

Typical Solutions for Industrial Applications Equipment/Cartridge Combinations

For more detailed information, please refer to individual data sheets as indicated by the form # listed below photos or in parenthesis in the table.

Problem	Type of Fluid/Applications	Solution
1. Water and Dirt in Oils	Lube Oil Gear Oil Hydraulic Oil Turbine Oil	1a. Portable Filter Pumps The MP5, 5 GPM Portable Filter Pump is typical and widely used in industry. Use with Aquacon® cartridge (#1582) or FO-718PL pleated media (#1549)
		1b. Stationary Filter Housings and Aquacon® Cartridges Note that Aquacon® super-absorbent filters have become the industry standard for dirt and water removal. See #1770 for more info.
		1c. Turbine Oil Coalescing System (#1751, 1857) Use TOC30 System at 30GPM flow rate.
2. Water and Carbon in Insulating Oils	Transformer Oil Circuit Breaker Oil Switch Gear Oil Tap Changer Oil	2a. Aquacon® Cartridges in Portable Filter Pumps MP-5 at 5 GPM and HP-30 at 30GPM flow rate.
		2b. Insulating Oil Filter Systems Use Aquacon® Cartridges in HCP-30 and TO-30 Systems at 30GPM flow rates.
		2c. Aquacon® 1, 2, 3, and 4-Hi Cartridges (#1684) Replacements for Alsop and Cuno disk type cartridges and Hilco blotter paper filters in existing housings.
3. Water and Dirt in Fuels	Gasoline Diesel Kerosene	3a. Aquacon® Cartridges in VF-61, VF-62 or VF-31E Housings (#1655) Significant flow restriction prevents pumping of contaminated fuel. Use Coalescer Cartridges in high volume applications.
		3b. Spin-On Aquacon® Cartridges (#1717) Use on gasoline and diesel fuel dispensers.
		4. High Surface Area Pleated Media and Fiberglass Depth Media Cartridges (#1550) Use in Stationary Housings at 1 to 600 GPM or Portable Filter Pumps at 1 to 30 GPM.
4. Dirt (Particulates) In Oils and Fuels	All Oils All Fuels	
5. Acid in Oils	Vacuum Pump Oil	5. Adsorbent Cartridges: Fullers Earth or Activated Alumina (#1667) Use in Stationary Housings or Portable Filter Pumps.
6. Water and Dirt in Compressed Air	Industrial Compressed Air Instrument Air	6. Air Aquacon® Filter Cartridge in VF-31E Housing (#1689) Water removal 99+%, dirt removal rated at 99.9+% for particles down to 1 micrometer. Gross water removal via petcock.
7. Water and Dirt in Solvents	Hexane Toluene 1,1,1 -Trichlorene	7. Solvent Aquacon® Cartridges (#1692) Use in Stationary Housings. Typical: 1 to 80 GPM, down to 10 ppm water in effluent with 1 micrometer particulate rating.

Aquacon® Cartridges



Aquacon® - Industrial (#1582)



Air Aquacon® ACA-210 (#1689)

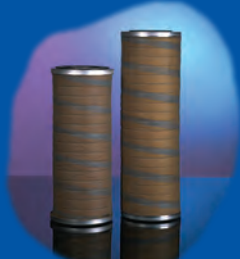


Aquacon® Spin-on Industrial (#1717)

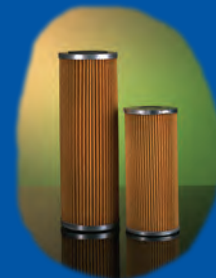
Other Filter Cartridges



Synthetic FOS (#1734)



Fiberglass FO-xxxFG (#1550)



Pleated Filters (#1549)



Coalescers (#1561)



Adsorbent LA-6xx (#1667)

Velcon Filters, LLC Markets

Commercial Aviation

Products for the commercial aviation market provide filtration and fueling solutions for jet fuel and avgas.



Military Aviation

Products for the military aviation market provide filtration and fueling solutions for military jet fuels.



Utilities

Products for the electrical utility market provide filtration solutions for oil in transformers, circuit breakers and load tap changers.



Industrial Diesel

Products for the industrial diesel market provide filtration and fueling solutions for diesel and biodiesel fuel.



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

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**Liquid Filtration
and Separation
Specialists**

Due to Velcon Filters' continuing product improvement, drawings, specifications and pictures are subject to change without notice.