OS Series Coalescer/ Separator Cartridges

for Aviation & Diesel Fuels

Designed for superior performance in VF-61 & VF-609 Housings, Facet's VFCS-21 & VFCS-22 Filter/Separator Vessels & Racor's FBO-10 & FBO-14 Housings

FEATURES

- Can be used with pre-mixed fuel containing anti-icing additive
- One piece replacement combination coalescer and separator cartridge
- OS-51288 Cartridge: Laboratory tested to 0.2% water in incoming fuel, 10 ppm in effluent*
- Teflon® coated screen separator
- Reliable radial sump seal design
- Nominal 0.5 micron particle efficiency for jet fuel and avgas; 5 micron for diesel fuel
- Minimum 75 psid collapse strength
- Flow direction – outside to inside
- Operating temperatures up to 240°F (115°C)
- 5 - 9 operating pH range

The OS Series combination coalescer/separator cartridges filter dirt and remove water from aviation and diesel fuels. They are designed to fit into VF-61 and VF-609 housings, Facet's VFCS-21 and VFCS-22 filter/separator housings, and Racor's FBO-10 and FBO-14 housings. Performance is improved due to Teflon® coated screen separators and reliable radial sump seals.

OS-51288 Cartridge

OS-60988 Cartridge

*Fuel was additive free and tested at 35USGPM

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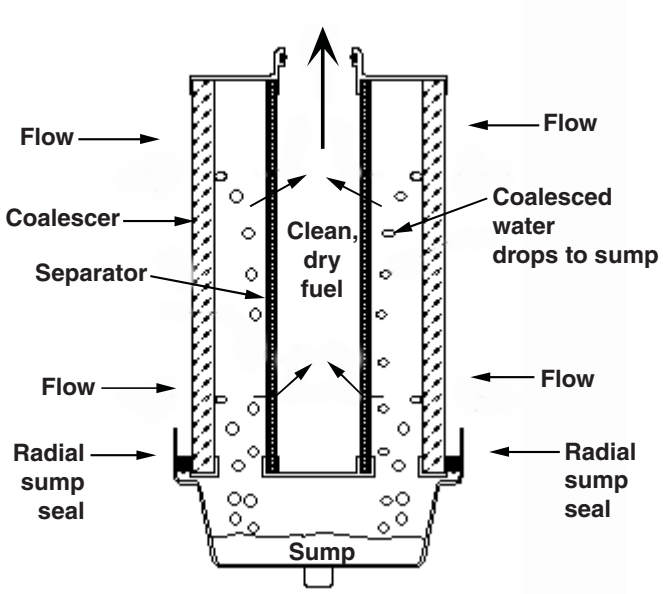
DESCRIPTION

Flow is from outside to inside through the cartridge. Coalesced water is repelled by the separator and drops to the sump for daily draining. Clean, dry fuel exits the cartridge through the nozzle at the top.



CARTRIDGE SELECTION TABLE

MODEL NUMBER	VESSEL MODEL NUMBER	FOR PRODUCT	FLOW RATE USGPM (maximum)	MICRON RATING	DIMENSIONS			
					OD		LENGTH	
					inches	mm	inches	mm
OS-51288	VF-61	Jet Fuel/Avgas	35/45	0.5	6	152	11¾	298
OS-60988	VF-609 VFCS-21 FBO-10	Jet Fuel/Avgas	35/45	0.5	6	152	9	229
OS-61288	VFCS-22 FBO-14	Jet Fuel/Avgas	50/60	0.5	6	152	13	330
OS-51286	VF-61	Diesel Fuel	18	5	6	152	11¾	298
OS-60986	VF-609 VFCS-21 FBO-10	Diesel Fuel	18	5	6	152	9	229
OS-61286	VFCS-22 FBO-14	Diesel Fuel	24	5	6	152	13	330

Replace the cartridge when the differential pressure exceeds 15 psi or after 1 year of service, whichever occurs first.

*Because of the limited sump space in these vessels, IT IS IMPERATIVE to drain the sump at EVERY FUELING. It is also important to recognize that these OS cartridges by themselves do not provide a water defense system. One water defense option is to use the Water Detection Probe, Velcon part number 125-Q.

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.