

# ACOX™ Water Barrier Filters for Small, Single Element Housings



## Features

- Water and dirt are prevented from passing downstream allowing only clean, dry fuel.
- Drop in solution for existing housings without the need for costly retrofitting or addition of electronic sensors.
- No SAP materials used in the manufacture of ACOX series of elements.
- Effective against low-water emulsions and water slugs.
- Effective in fuel containing FSII (anti-icing additive).
- Meets the effluent fuel quality and structural requirements of EI-1588.



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## A Cost Effective Solution

With our barrier technology, current filtration equipment at FBO and fixed fueling sites with lower flow rate systems can easily adapt this alternative solution. Parker Velcon SAP-free barrier filtration provides a drop-in replacement for our monitor cartridges used in models VF-61 (5") and VF-609 (6") housings and similar competitors housings.

- Minimal changes to your current operational procedures
- No modifications to the filter housing

**A drop-in solution  
for current 5" & 6"  
diameter filter  
monitors including  
competitor brand  
VF-21SB/22SB and  
VFH-1 models.**



ENGINEERING YOUR SUCCESS.

## Barrier Technology

The new barrier filter element is manufactured using a very fine hydrophobic material that prevents solids and water from passing through. There is absolutely no SAP used in this filter. Solids are held within the element while water is repelled by the hydrophobic material and falls to the bottom of the vessel.

With our ACOX element range, there is no need for expensive & costly retrofitting of filtration systems for smaller into-plane fueling applications. ACOX filter elements are a true direct drop-in replacement for the various filter housings. See Filter Element Selection below for basic cross-referencing:



## Filter Element Selection

Filter Housing Model	Fuel	Flow Rate (GPM)	Element Model	Note
VF-61	Avgas	48	ACOX-512A	Effective against dirt and water. Can be used with fuel containing FSII.
	Jet			
VF-62	Avgas	96	ACOX-524A	Effective against dirt and water. Can be used with fuel containing FSII.
	Jet			
VF-609 VF-21SB*	Avgas	36	ACOX-609A	Effective against dirt and water. Can be used with fuel containing FSII
	Jet			
VF-22SB* and VFH-1***	Avgas	48	ACOX-612A	Effective against dirt and water. Can be used with fuel containing FSII.
	Jet			
VF-61SS**	Avgas	56	ACOX-614A	Effective against dirt and water. Can be used with fuel containing FSII.
	Jet			
OPTIONAL DIFFERENTIAL PRESSURE GAUGE ASSEMBLY AVAILABLE: P/N 10678 FOR VF-61, VF-61E, VF-62				
*Manufactured by Facet    **Manufactured by Warner Lewis    ***Manufactured by Faudi				

Replace the cartridge when the differential pressure reaches 22 psid or after three years of service. Because of the limited sump space in the vessel, IT IS IMPERATIVE to drain the sump DAILY. As an option, a water detection probe is available for installation, Parker Velcon part number 125-Q.

For further information or advice please contact your local Parker AFD distributor or Parker AFD.