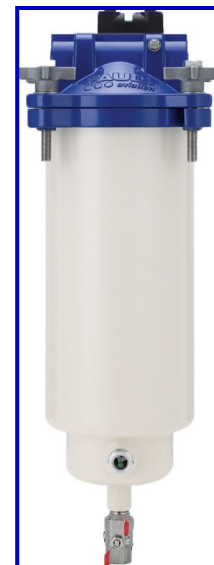


FAUDI VFH FILTER VESSEL

- ◆ **COMPACT DESIGN FOR INSTALLATION WHERE SPACE IS LIMITED.**
- ◆ **QUICK RELEASE COVER.**
- ◆ **SINGLE HOUSING TO SUIT THREE ELEMENT OPTIONS.**
- ◆ **SUITABLE FOR FLOW RATES UP TO 193 LITRES PER MINUTE.**
- ◆ **ALL ELEMENTS ARE QUALIFIED TO THE LATEST EI SPECIFICATIONS.**
- ◆ **ELEMENTS CAN BE RETRO-FITTED TO EQUIVALENT COMPETITORS VESSELS.**

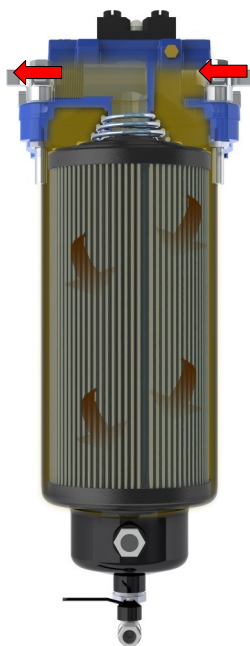


Introduction.

Filtration is required at every step of the fuel supply chain irrespective of the size of a system. Traditional filter vessels are ideal for large systems where flow rates are high, but are impractical and less cost effective for applications where the flow rate is very low and the available space is limited. For such applications the Faudi VFH vessel is perfect! The small housing contains a single element which is suitable for use with Jet fuels, Avgas, Diesel and MoGas and the appropriate Faudi elements can also be fitted into the equivalent Facet or Parker Velcon vessels.

Description.

The VFH vessel is fitted with a differential pressure indicator, a manual drain valve, a manual vent valve and a sight glass as standard. The body can be easily separated from the cover using the quick release feature which allows the element to be removed quickly and efficiently. A differential pressure gauge with scale and a mounting bracket are available as additional options if required.



Filter Water Separator.

When fitted with a combined coalescer/separator element (where the separator is inside the coalescer) the VFH vessel is used to remove water and small amounts of solids from fuel. The elements are tested and qualified to EI 1581 6th edition and available for use in both commercial aviation applications, and military aviation applications where high additive levels are present.

Filter Monitor.

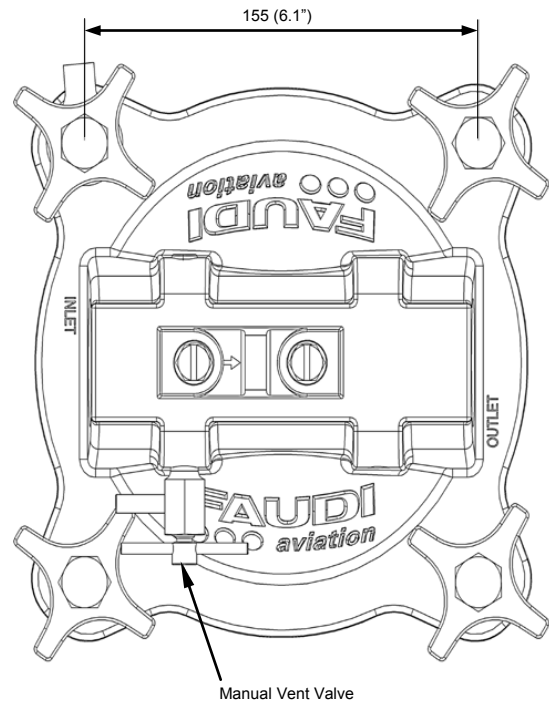
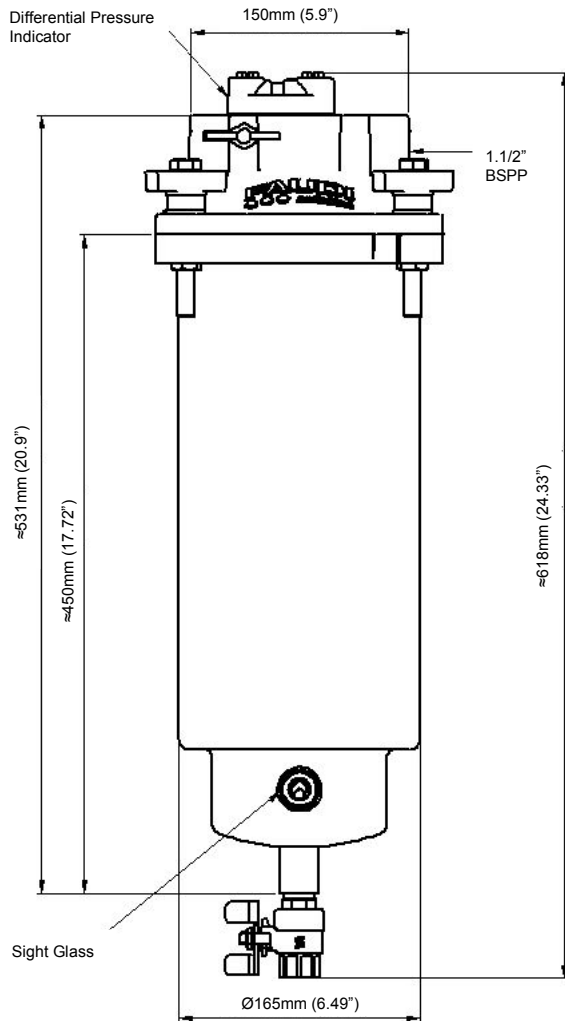
When fitted with a monitor element the VFH vessel is used to prevent water from moving downstream by 'blocking' when water is present, which is achieved using Super Absorbent Polymer. The monitor element is tested and qualified to EI 1583 7th edition, but it is not suitable for use with aviation fuels containing anti-icing additive.

Microfilter.

When fitted with a microfilter element the VFH vessel is used to prevent particulate contaminant from moving downstream by trapping the particles within the paper.

The elements are tested and qualified to EI 1590 3rd edition and are available in 1 or 5 micron pore sizes.

Dimensions.



Specification.

Weight. 8.85 Kg (dry, no element fitted).

Design Pressure (housing only). 10 bar (145 psi).

Inlet/Outlet. Threaded 1.1/2 inch BSPP female.

Body Material. Powder coated Steel.

Manifold/Lid Material. Powder coated die-Cast Aluminium.

Cover Seal. NBR (Buna-N).

Torque Setting for Lid Bolts. 15 Nm.

Maximum Flow Rate. 193 Litres per minute. See table below for specific element flow rates.

How to Order.

21VFH00000. Faudi VFH Vessel (housing only). Elements to be ordered separately using the table below.

Micron Rating	Element Type			Change out Differential Pressure	Flow Rate		
	Coalescer/Separator		Filter Monitor		Microfilter	bar (psi)	L/min
μ	Type	Category	Type	Type	bar (psi)	L/min	USgpm
1	CS6-355-1	C, Type S			1.0 (15)	110	29
1	CS6-355-1	C, Type S-LW			1.0 (15)	136	35
1	MS6-355-1	M, Type S			1.0 (15)	90	23
1			MO6.01C1-355-1-6B		1.0 (15)	193	50
1				EIMF6.01C1-355-1	1.0 (15)	177	46
5				EIMF6.01C1-355-5	1.0 (15)	177	46