

DFS™

Diesel Filtration Skid for Removal of Particulates and Protection from Water Contaminants



Description

The DFS incorporates housings and filter and coalescer technologies that Velcon has developed over the past 60 years. The DFS uses filter (DVF) and coalescing (DV) housings which have proven to withstand years of service in the most challenging environments. We have combined the housings with Velcon's DFO filtration products and DI/DSO coalescing and separation products. The combined components work to condition contaminated fuels to meet the most stringent ISO 4406 and ASTM D975 standards for emulsified and free water as well as abrasive particulate. All filtration cartridges are available with threaded base end cap option for quick filter removal and ease of installation.



DFS3 Model
Shown

Contact Information: Standard Features

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- ASME code epoxy painted carbon steel vessels
- Swing bolt housing closures
- Independent differential pressure gauges
- Air eliminators
- Walkway
- Inlet/Outlet sample ports
- Hydraulic or mechanical housing lid lifting
- Isolation valves
- Pressure relief valve
- Threaded base coalescer
 - One package
 - Quick installation
 - Maximize Second Stage Water Removal



ENGINEERING YOUR SUCCESS.

OPTIONAL FEATURES

- Support hand rail
- Electronic water sensing
- Water slug valve
- Automatic vessel drain
- Water sight glass
- Fuel Condition Monitoring

RECOMMENDED HOUSINGS



DVF - Filter Housing for use with DFO-6 & AD-6



DV - Filter/Separator Housings for use with DI Coalescers and DSO Separators

DFS PART NUMBER & DIMENSIONS

Velcon recommends use of threaded base endcaps for ease of installation and to minimize components.

Series	Flow Rate*		Filter Housing	Filters		Coalescer Housing	Coalescers		Separators		Approx. Footprint mm (in)	I/O Flange mm (in)
	Range lpm (gpm)	Target lpm (gpm)		Qty.	Length mm (in)		Qty.	Length mm (in)	Qty.	Length mm (in)		
DFS1	500 - 1250 (135 - 330)	750 (200)	VF1629	4	737 (29)	V2233	4	838 (33)	3	838 (33)	1778 x 1524 (70 x 60)	102 (4)
DFS2	865 - 2160 (230 - 570)	1300 (345)	VF1644	4	1118 (44)	V2838	6	965 (38)	5	838 (33)	2032 x 1524 (80 x 60)	102 (4)
DFS3	1585 - 3955 (420 - 1045)	2380 (630)	VF2044	6	1118 (44)	V3638	11	965 (38)	9	838 (33)	2794 x 2032 (110 x 80)	152 (6)

Dimensions shown are for estimating purposes only. For exact dimensional detail, obtain certified copy of drawings.

**Flow rates provided are for illustrative purposes. Actual flow rates may vary based on field conditions.*