

Diesel DFV Series Filter Vessels

Filtration Vessels for Clean Diesel Fuel

Facet DFV Series vessels use advanced technology to remove particulates, ensuring clean diesel fuel and preventing costly downtime. The standard DFV Series is built to ASME Section VIII standards, providing rugged, certified performance for regulated environments. For non-regulated applications, the DFV-N Series delivers the same dependable filtration in a streamlined, non-code design, stocked for quick delivery.

Specifications

Performance (Single-Pass)	ISO Cleanliness: 13/11/9
Fluid Compatibility	#2 Diesel Hydrotreated Vegetable Oil (HVO)
Compatible Elements	DFI/DFIX/DMG Series
Max Design Flow Rate	800 gpm (3024 lpm)
Design Pressure	150 psi (10.3 bar)
Materials of Construction	Carbon Steel or Stainless Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I
Inlet/Outlet Connections	Flanged or NPT
Pressure Gauge Ports	¼" NPT
Drain Ports	¾" NPT



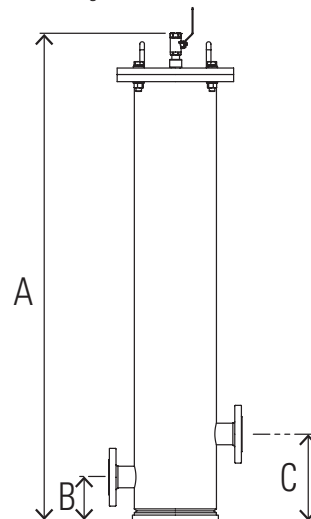
Model Number	Maximum Flow Rate	Approximate Dimensions				Weight Dry Full	Inlet / Outlet Connections	Elements Qty ¹
		A	B	C	Ø			
DFV-50	50 gpm (189 lpm)	33" (838 mm)	3.5" (89 mm)	8.5" (216 mm)	9" (229 mm)	150 lbs (68 kg) 225 lbs (102 kg)	1.5"	1 ²
DFV-100	100 gpm (378 lpm)	51" (1295 mm)	4.5" (114 mm)	9" (229 mm)	9" (229 mm)	200 lbs (91 kg) 300 lbs (136 kg)	2"	1
DFV-300	300 gpm (1135 lpm)	59" (1499 mm)	5" (127 mm)	10" (254 mm)	16" (406 mm)	600 lbs (272 kg) 875 lbs (397 kg)	3"	3
DFV-500	500 gpm (1890 lpm)	58" (1473 mm)	5" (127 mm)	12" (305 mm)	20" (508 mm)	675 lbs (307 kg) 1175 lbs (534 kg)	6"	5
DFV-800	800 gpm (3024 lpm)	58" (1473 mm)	6" (152 mm)	14.5" (368 mm)	24" (610 mm)	1100 lbs (500 kg) 1900 lbs (864 kg)	6"	8
DFV-N-50	50 gpm (189 lpm)	33" (838 mm)	26.5" (673 mm)	4.5" (114 mm)	9" (229 mm)	90 lbs (41 kg) 130 lbs (59 kg)	1.5"	1 ²
DFV-N-100	100 gpm (378 lpm)	51" (1295 mm)	4.5" (114 mm)	4.5" (114 mm)	9" (229 mm)	110 lbs (50 kg) 190 lbs (86 kg)	2"	1

1. All elements are 6"OD x 36" L unless otherwise noted

2. This model takes an 18" L element

Optional Features

- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Pressure Gauges Pre-Mounted or Shipped Loose
- Elements Pre-Installed
- Higher Flow Rates Available Upon Request



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