

RVFS Series Filter Vessels Specifications



Vessel Series	RVFS-1	RVFS-2	RVFS-3
Fuel Ports	2" inlet / outlet	2" inlet / outlet	2" inlet / outlet
Height	39" / 991 mm	51" / 1295 mm	65" / 1651 mm
Width	13.75" / 350 mm	13.75" / 350 mm	13.75" / 350 mm
Depth	13.5" / 343 mm	13.5" / 343 mm	13.5" / 343 mm
Dry Weight	100 lbs / 45kgs	115 lbs / 52 kgs	130 lbs / 59 kgs
Minimum overhead space required for element change	16" / 406 mm	32" / 813 mm	47" / 1194 mm
Collection Bowl Capacity			
Max. Flow Rate			
Max. Working Pressure	250 PSI / 17 bar		
Clean Pressure Drop			
Temperature Rating	250 F / 121 C		
Max. Flow Rate Diesel Fuel	25 gpm / 94 lpm	50 gpm / 189 lpm	75 gpm / 283 lpm
Max. Flow Jet A, AV Gas	50 gpm / 189 lpm	100 gpm / 378 lpm	150 gpm / 568 lpm
Max. Flow Rate Prefilter	66 gpm / 250 lpm	132 gpm / 500 lpm	200 gpm / 757 lpm
Max. Flow 6-inch Monitor	56 gpm / 212 lpm	114 gpm / 431 lpm	173 gpm / 655 lpm
Max. Flow Rate Clay Treater	N/A	7 gpm / 26 lpm	14 gpm / 53 lpm
Clean Pressure Drop	2 psid / .14 bar		
Dirty Element Pressure Drop	15 psid / 1.04 bar		
Replacement Elements	See below	See below	See below

RVFS Element Options

	RVFS-1	RVFS-2	RVFS-3	Micron sizes
Silicone-treated Pleated Pre-filters	6" x 14"	6" x 30"	6" x 44"	0.5, 1, 2, 5, 10, 25
FBC Clay Bags	7" x 18"	7" x 18"	7" x 18"	N/A
Water Absorbing Elements	6" x 14"	6" x 14"	6" x 14"	1, 5, 10, 30
OCP Coalescer	8" x 15"	8" x 30"	8" x 44"	1, 2, 5, 10, 25
Teflon® Separator	4" x 15"	4" x 30"	4" x 44"	Screen

For additional information, request brochure no. 18-1708, RVFS Vessel Filter Element Options, Identification and Application Guide.

Horizontal Filter Vessels

Consult factory for specific vessel tech data and dimensions.

Vessel Series	Flow Rates	Fuels	Elements	Inlet/Outlet	Specifications	Coatings
RHFS-D-25	1500 gph / 5677 lph	Diesel Fuel	CP Coalescers Teflon®, Synthetic and Separators	NPT RF Flange	Carbon Steel ASME Code, Section VIII	Internal – Epoxy External – Primer
RHFS-D-50	3000 gph / 11,354 lph					