

RVFS SERIES FILTER VESSELS

THE ULTIMATE IN HIGH CAPACITY FILTRATION

Racor **RVFS** filter vessels offer a versatile, economical alternative to competitor's vessels. Industry applications include removing liquid and solid contaminants from diesel fuel, gasoline, kerosene, aviation gas, jet fuel and other lubricating or hydraulic oils. **RVFS** vessels utilise proven filter design and technology and can be used as coalescers, pre-filters or separators by changing internal components, flow direction or by selecting optional filter cartridges when ordering.

The vessels are fabricated from carbon steel with an exterior primer coating of Gavlon suede grey and the interior is epoxy coated which meets MIL-C-4556E.

Element choices include coalescers, separators, particulate, clay bags, pre-filters or water absorbing cartridges.

Completely dressed factory filter vessels can be specified with differential pressure gauges, water sight glasses, air eliminators, and manual or automatic drains. Wall mount units can be special ordered. Consult office for other options.

| VESSEL SERIES | RVFS-1 | RVFS-2 | RVFS-3 |
|--|---------------------------|-------------------|------------------|
| Fuel Ports | 2" NPT | 2" NPT | 2" NPT |
| Max. Flow Rate | 50 gpm/189 lpm | 100 gpm/378 lpm | 150 gpm/568 lpm |
| Jet A, AV Gas Flow Rates | 50 gpm/189.3 lpm | 100 gpm/378.5 lpm | 150 gpm/568 lpm |
| Diesel Fuel Flow Rates | 25 gpm/94.5 lpm | 50 gpm/189 lpm | 75 gpm/283.5 lpm |
| Design Pressue | 250 psi/17 bar | 250 pis/17 bar | 250 psi/17 bar |
| Design Temperature | See Element Options Chart | | |
| Replacemene Elements | RK 22610 | RK22610 | RK 22610 |
| 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 | 68 lbs/91 kgs | 77 lbs/113 kgs | 86 lbs/136 kgs |
| Minimum overhead space required for element change | 16"/406 mm | 32"/813 mm | 47"/1194 mm |

| 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, 25 |
| 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 |

* Teflon is a registered trademark

RK 22610

Replacement Element Kit (contains one of each 8201 and 8022 filter element and a lid gasket.

FEATURES

- * ASME Code, Section VIII construction, stamped and certified.
- * Designed for low pressure drop.
- * Designed for easy element changeouts.
- * A variety of positive element seal designs are available.
- * Welded carbon steel construction is standard. Alternate material types, including stainless steel, aluminum, can be designed and constructed for your requirements.
- * A variety of interior and exterior surface coatings are available for your specification.
- * Large capacity sumps are incorporated into each design.
- * CAD provides fast and accurate custom vessel design.



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