

FW Series

Hydrocarbon Water Absorbing Filters



FW Series filters remove particulate contamination down to one micron and free or emulsified water from hydrocarbon fluids. These filters utilize the latest technology in filtration and include multiple layers of protection including a super-absorbent layer to collect, trap, and prevent water from passing downstream and to ensure the fuel is clean and dry. The FW Series is compatible with most fuels, including biodiesel blends up to B20 and are typically used at refineries with process streams, on finished product at petrochemical plants, through the petrochemical storage and distribution systems, and at the point of consumption.

FW Series filters can be used in Racor FBO filter assemblies which are available for both mobile and marine applications. FBO-10 and FBO-14 are mobile application assemblies and FBO-10-MA and FBO-14-MA are marine application assemblies.



Product Features:

- Biodiesel compatible (\leq B20)
- Removes free and emulsified water from fuel
- Out to in flow direction
- Industry standard element dimensions
- Viton® seals are standard
- High efficiency particulate removal
- Large filtering surface area
- Low initial pressure drop
- Long element life
- Suitable for mobile and fixed applications

Note: Viton® is a registered trademark of DuPont®.



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Specifications

FW Series	
Micron Rating	1 to 25
Water Removal Efficiency	<15 ppm
Flow Direction	Out to In
Initial Pressure Drop	1.5 PSI (0.1 bar)
Change Out Pressure	15 PSI (1.0 bar)
pH Range	5 to 9

Note: The FW-146-XX filter may be used in the RVFS-1 and stacked with 70872 center seal(s) to fit the RVFS-2, 3, and other competitive applications. Please call Racor for information on micron rating and available filter sizes.

How to Order

Example	FW-146-25
FW	Fuel Monitor
YY	Length (nominal)
Z	O.D. (nominal)
XX	Micron Rating

Example: (FW-146-25), 14 inches long, 6 inches diameter, 25 micron.



RVFS



FBO Mobile



FBO Marine