

FUEL DISPENSING

Spin-On Protection At The Pump

Start protecting your engine investment right at the pump. Racor's Fuel Dispensing Filters are essential for stationary and overhead tanks and mobile service vehicles. With their easy-to-install heads, they remove virtually 100% of the contaminants from diesel fuel.

Racor FDW elements feature a super-absorbent, chemically-treated media that absorbs 25 times its weight in water, "locking it in" as a barrier against free and emulsified water. There is no bypass valve which ensures that fuel is completely protected. As the media swells, it significantly reduces the fuel flow rate, signaling a need to replace the element.

Racor offers filter protection down to 25 microns. Flow rates range from 15 to 100 gpm. Element service is clean and easy – there's no cartridge to replace – just spin-on a new Racor filter element.

Fuel dispensing filters can be used with diesel fuel or gasoline.



Filter Heads

Part No.	HH07500	FDH12500	FDW125DD
Port Size	3/4" NPT	1 1/4" NPT	1 1/2" NPT
Element	FDW 3525/3825	FDW 51125	FDW 51125(2)
Element Thread	1" – 12 UNF	1 1/2" – 16 UNF	1 1/2" – 16 UNF
Flow Rate	15 gpm / 57 lpm	50 gpm / 176 lpm	100 gpm (Dual unit) / 375 lpm

Water Removing Filter Elements

Part No.	FDW 3525	FDW 3825	FDW 51125
Nominal Micron Rating	25	25	25
Element Size	3.7 D x 5.5 L	3.7 D x 8.0 L	5.0 D x 11.0 L
Element Thread	1" – 12 UNF	1" – 12 UNF	1 1/2" – 16 UNF
Application	Marinas	Marinas	Marinas

Maximum operating pressure of Fuel Dispensing Filter Heads and Water Removing Filters is 100 PSI (690kPa). 10-micron elements available through special order.

FBO-10 and FBO-14



Racor's new FBO-10 and FBO-14 filter assemblies are designed to meet the toughest hydrocarbon refueling conditions and provide for ease of filter change-outs.

The FBO assemblies can handle flow rates from 18-50 depending on element specified, the elements installed and fuel being filtered. White painted versions are available, consult factory.



Easy-to-service without tools.

Drain.

3150R, 3250R, 8250D

Fuel Dispensing Filters utilize water-repelling 30-micron Aquabloc II media and a see-thru bowl. The assembly can be hard plumbed directly to the fuel dispenser. Flow rates from 150-250 gallons per hour.



Element Applications

Micron Rating	Micron	FBO-10 6 x 10 Element	FBO-14 6 x 14 Element	Flow Rate GPM	
				Diesel	Gas
Filter Separator	1	FBO-60327	FBO-60336	18	45
Filter Separator	5	FBO-60328	FBO-60337	18	45
Filter Separator	10	FBO-60353	FBO-60356	18	45
Filter Separator	25	FBO-60329	FBO-60338	18	45
Prefilter	1	FBO-60330	FBO-60339	20	50
Prefilter	5	FBO-60331	FBO-60340	20	50
Prefilter	10	FBO-60356	FBO-60357	20	50
Prefilter	25	FBO-60332	FBO-60341	20	50
Absorptive Filter	1	FBO-60333	FBO-60342	18	45
Absorptive Filter	5	FBO-60334	FBO-60343	18	45
Absorptive Filter	10	FBO-60355	FBO-60358	18	45
Absorptive Filter	25	FBO-60335	FBO-60344	18	45

Specifications

Part No.	3150R	3250R	8250D
Maximum Flow Rate	150 gph / 568 lph	250 gph / 946 lph	250 gph / 946 lph
Maximum Working Pressure			15 PSI / 103 kPa
Filter Element	N/A	N/A	S3207
Port Sizes	7/8"-14 SAE	7/8"-14 SAE	1 1/4" NPT
Height	13.63" / 346 mm	17.25" / 438 mm	16" / 411 mm
Width	5.00" / 127 mm	5.00" / 127 mm	5.3" / 135 mm
Depth	5.5" / 140 mm	5.5" / 140 mm	5.3" / 135 mm
Weight	3.6 lbs / 1.63 kg	4.6 lbs / 2.08 kg	3.1 lbs / 1.4 kg
Clean Pressure Drop	.68 PSI / 4.7 kPa	1.0 PSI / 6.9 kPa	1.0 PSI / 6.9 kPa
Bowl/Sump Water Capacity	82 ml	82 ml	82 ml
Operating Temp.	-10° to 180° F	-10° to 180° F	-10° to 180° F
	-23° to 82° C		