



Parker Racor Fuel Filter Water Separators

In every configuration, at every flow rate, and in any operating environment, Racor is the most trusted name in engine protection. Parker Racor's portfolio: **Diesel Spin-on and Turbine Series Fuel Filter Water Separators**. Visit our website for more details.

Parker Racor Website (<http://www.parker.com/emoe>)



Product Highlights

See-thru collection bowls allow a water-in-fuel condition to be immediately visible

High contaminant holding capacity replaceable elements provide long service life

Corrosion-resistant coatings and construction

Aquabloc® media is standard – 2, 10, 30 micron

Hand and electric priming available on diesel only models

Gasket and o-ring materials designed for use in diesel or gasoline

Powerful in-bowl heaters can be added to improve operation

Top Movers - Racor Diesel Spin-on Fuel Filter Water Separators

Primary Part No	Supplier Part No	Description	Part Weight (Lbs)
RAI 120AP	120AP	FF/WS ASSEMBLY, 15 gph Flow Rate, 30M	1.18
RAI 120AS	120AS	FF/WS ASSEMBLY, 15 gph Flow Rate, 2M	1.22
RAI 120AT	120AT	FF/WS ASSEMBLY, 15 gph Flow Rate, 10M	1.18
RAI 120RMAM2	120RMAM2	FF/WS ASSEMBLY, Marine Metal Bowl, 15 gph Flow Rate, 2M	1.4
RAI 140R	140R	FF/WS ASSEMBLY, 15 gph Flow Rate, 10M	0.88
RAI 215R2	215R2	FF/WS ASSEMBLY, 15 gph Flow Rate, Hand Primer, 2M	2.23
RAI 215R30	215R30	FF/WS ASSEMBLY, 15 gph Flow Rate, Hand Primer, 30M	2.22
RAI 230R10	230R10	FF/WS ASSEMBLY, 30 gph Flow Rate, Hand Primer, 10M	2.3
RAI 230R2	230R2	FF/WS ASSEMBLY, 30 gph Flow Rate, Hand Primer, 2M	2.32
RAI 230R30	230R30	FF/WS ASSEMBLY, 30 gph Flow Rate, Hand Primer, 30M	2.29



RAI 245R30	245R30	FF/WS ASSEMBLY, 45 gph Flow Rate, Hand Primer, 30M	2.43
RAI 3150R	3150R	FF/WS ASSEMBLY, Clear Bowl, 150 gph Flow Rate, 10M	3.82
RAI M4120R30	4120R30	FF/WS ASSEMBLY, 30 MICRON	3.58
RAI 445R10	445R10	FF/WS ASSEMBLY, Hand Primer, 45 gph Flow Rate, 10M	3.12
RAI 445R2	445R2	FF/WS ASSEMBLY, Hand Primer, 45 gph Flow Rate, 2M	3.07
RAI 445R30	445R30	FF/WS ASSEMBLY, Hand Primer, 45 gph Flow Rate, 30M	3.08
RAI445R FRT01	445R-FRT-01	FU/WTR SEP-W/O HEAT,PUMP,445	2.84
RAI 460R1230	460R1230	FF/WS ASSEMBLY, Hand Primer, 60 gph Flow Rate, 12 volt Heater, 30M	3.5
RAI 460R30	460R30	FF/WS ASSEMBLY, Hand Primer, 60 gph Flow Rate, 30M	3.28
RAI 490R10	490R10	FF/WS ASSEMBLY, Hand Primer, 90 gph Flow Rate, 10M	0.97
RAI490R30	490R30	FF/WS ASSEMBLY, Hand Primer, 90 gph Flow Rate, 30M	3.35
RAI 23514209	490R-DDC-02	FILTER,FUEL/WATER SEPARATOR	N/A
RAI 17001 3429	490R-WS-02	FILTER,FUEL/WATER SEPARATOR	3.95
RAI 17001 3430	490R-WS-03	FILTER,FUEL/WATER SEPARATOR	3.81
RAI 660R1210	660R1210	FF/WS ASSEMBLY, 60 gph Flow Rate, 12 volt Heater, 10M	2.94
RAI 660R30	660R30	FF/WS ASSEMBLY, 60 gph Flow Rate, 30M	2.71
RAI 660R TB 01	660R-TB-01	FILTER,FUEL/WATER SEPARATOR	N/A
RAI 690R10	690R10	FF/WS ASSEMBLY, 90 gph Flow Rate, 10M	2.8
RAI 690R TB 01	690R-TB-01	FILTER,FUEL/WATER SEPARATOR	N/A
RAI 790R30	790R30	FF/WS ASSEMBLY, INTEGRATED, 90 GPH, 30M	6.02
RAI 790R3024	790R3024	FF/WS ASSEMBLY, INTEGRATED, 90 GPH, 24 VOLT PUMP, 30M	5.68
RAI R11T	R11T	REPLACEMENT ELEMENT, FF/WS, 10M	0.13
RAI R120DDC	R120-DDC	REPLACEMENT ELEMENT, FF/WS	1.75
RAI R120P	R120P	REPLACEMENT ELEMENT, FF/WS, 30M	1.69
RAI R120S	R120S	REPLACEMENT ELEMENT, FF/WS, 2M	1.75
RAI R120T	R120T	REPLACEMENT ELEMENT, FF/WS, 10M	1.74



RAI R12S	R12S	REPLACEMENT ELEMENT, FF/WS, 2M	0.52
RAI R12T	R12T	REPLACEMENT ELEMENT, FF/WS, 10M	0.51
RAI R13P	R13P	REPLACEMENT ELEMENT, FF/WS, 30M	0.65
RAI R15P	R15P	REPLACEMENT ELEMENT, FF/WS, 30M	0.9
RAI R15S	R15S	REPLACEMENT ELEMENT, FF/WS, 2M	0.93
RAI R15T	R15T	REPLACEMENT ELEMENT, FF/WS, 10M	0.91
RAI R20P	R20P	REPLACEMENT ELEMENT, FF/WS, 30M	0.99
RAI R20S	R20S	REPLACEMENT ELEMENT, FF/WS, 2M	1
RAI R20T	R20T	REPLACEMENT ELEMENT, FF/WS, 10M	0.99
RAI R24P	R24P	REPLACEMENT ELEMENT, FF/WS, 30M	0.91
RAI R24S	R24S	REPLACEMENT ELEMENT, FF/WS, 2M	0.94
RAI R24T	R24T	REPLACEMENT ELEMENT, FF/WS, 10M	0.94
RAI R25P	R25P	REPLACEMENT ELEMENT, FF/WS, 30M	1.14
RAI R25S	R25S	REPLACEMENT ELEMENT, FF/WS, 2M	1.16
RAI R25T	R25T	REPLACEMENT ELEMENT, FF/WS, 10M	1.19
RAI R26P	R26P	REPLACEMENT ELEMENT, FF/WS, 30M	1.02
RAI R26S	R26S	REPLACEMENT ELEMENT, FF/WS, 2M	1.07
RAI R26T	R26T	REPLACEMENT ELEMENT, FF/WS, 10M	1.06
RAI R45FRT01Y	R45-FRT-01Y	REPLACEMENT ELEMENT, FF/WS	1.12
RAI R45S	R45S	REPLACEMENT ELEMENT, FF/WS, 2M	1.15
RAI R45T	R45T	REPLACEMENT ELEMENT, FF/WS, 10M	1.13
RAI R60P	R60P	REPLACEMENT ELEMENT, FF/WS, 30M	1.31
RAI R60S	R60S	REPLACEMENT ELEMENT, FF/WS, 2M	1.36
RAI R60T	R60T	REPLACEMENT ELEMENT, FF/WS, 10M	1.32
RAI 23514654	R90-DDC-01	REPLACEMENT ELEMENT, FF/WS	1.47
RAI R90 MER 01	R90-MER-01	REPLACEMENT ELEMENT, FF/WS	1.84



RAI R90S	R90S	REPLACEMENT ELEMENT, FF/WS, 2M	1.5
RAI R90T	R90T	REPLACEMENT ELEMENT, FF/WS, 10M	1.48

Top Movers - Racor Turbine Series Fuel Filter Water Separators

Primary Part No	Supplier Part No	Description	Part Weight (Lbs)
RAI 1000FH10	1000FH10	FF/WS ASSEMBLY, 10 MICRON	9.71
RAI 1000FH2	1000FH2	FF/WS ASSEMBLY, 2 MICRON	9.69
RAI 1000FH30	1000FH30	FF/WS ASSEMBLY, 30 MICRON	9.55
RAI 1000FH31210	1000FH31210	FF/WS ASSEMBLY, 12V HEAT, 10 MICRON	9.55
RAI 1000FH3122	1000FH3122	FF/WS ASSEMBLY, 12V HEAT, 2 MICRON	10
RAI 1000FH31230	1000FH31230	FF/WS ASSEMBLY, 12V HEAT, 30 MICRON	10
RAI 1000FH FRT01	1000FH-FRT-01	FWS 30MCN W/HT	9.94
RAI 1000MA2	1000MA2	FF/WS, MARINE, WHITE, 2 MICRON	10.36
RAI 1000MA30	1000MA30	FF/WS, MARINE, WHITE, 10 MICRON	10.24
RAI 1000MAM30	1000MAM30	FF/WS, MARINE, UL DSL/GAS 100, 30 MICRON	10.98
RAI 2000SM OR	2000SM-OR	ELEMENT RPLC 2MIC.W/	0.08
RAI 2010PM OR	2010PM-OR	RPLC ELEM 30 MICRON	0.16
RAI 2010SM OR	2010SM-OR	ELEMENT RPLC 2MICW/	0.17
RAI 2010TM OR	2010TM-OR	ELEMENT RPLC 10MICW	0.17
RAI 2020PM OR	2020PM-OR	ELEMENT RPLC 30MIC.W	0.79
RAI 2020SM OR	2020SM-OR	ELEMENT RPLC 2MIC.W/	0.84
RAI 2020TM OR	2020TM-OR	ELEMENT RPLC 10MIC.W	0.86
RAI 2040PM OR	2040PM-OR	ELEMENT RPLC 30MIC.W	0.48
RAI 2040SM OR	2040SM-OR	ELEMENT RPLC 2MIC.W/	0.51
RAI 2040TM OR	2040TM-OR	ELEMENT RPLC 10MIC .	0.51



RAI 500FG30	500FG30	FUEL FILTER	3.82
RAI 500MA2	500MA2	FF/WS ASSEMBLY, MARINE-UL	4.29
RAI 751000FHX10	751000FHX10	FUELFIL/WATER ASSEM	32
RAI 751000MAX30	751000MAX30	DUPLEX MANIFOLD	34
RAI 791000FHV30	791000FHV30	FF/WS MANIFOLD	56
RAI 791000MAV30	791000MAV30	MAV FF/WS MA DUAL VA	58
RAI 900FH10	900FH10	FILTER ASSEMBLY - FF/WS	6.7
RAI 900FH2	900FH2	FUEL FILTER	6.77
RAI 900FH30	900FH30	FILTER	6.78
RAI 900FH3122	900FH3122	FF/WS_ASSEMBLY	7.16
RAI RK 11028B	RK 11028B	KIT CHECK BALL 900/1	0.02
RAI RK 11037A	RK 11037A	KIT BOWL RING 900/10	0.38
RAI RK 11073	RK 11073	KIT RPLC BALL VALVE	0.62
RAI RK 11 1404	RK 11-1404	KIT SERVICE 900/1000	0.09
RAI RK 11 1606 1	RK 11-1606-1	KIT RPLC BOWL 900/10	0.53
RAI RK 11 1679	RK 11-1679	KIT PLUG AY	0.01
RAI RK 11 1927 01	RK 11-1927-01	LID AND LID GASKET KIT	0.46
RAI RK 11 1938	RK 11-1938	SEE THRU BOWL W/DRAI	0.53
RAI RK 11 1939	RK 11-1939	TURBINE CENTRIFUGE	0.26
RAI RK11 1952	RK 11-1952	REPLACEMENT SEAL KIT SERVICE 900/1000	0.07
RAI RK 11868	RK 11868	KIT RPLC DEFLECTOR 9	0.61
RAI RK 14321	RK 14321	KIT WATER DETECTION	0.25
RAI RK 15010B	RK 15010B	KIT RPLC CHECK BALL	0.02
RAI RK 15211	RK 15211	KIT SERVICE 500	0.05
RAI RK 15279 01	RK 15279-01	KIT RPLC BOWL CLEAR	0.28
RAI RK 19492	RK 19492	RPLC KIT BRASS SHUT	0.34



RAI RK 20126	RK 20126	KIT BOWL PLUG RELACE	0.01
RAI RK 20726	RK 20726	KIT-LITE/BZR.WTR.SEN.GAGE 12/24	0.31
RAI RK 21069	RK 21069	KIT RPLC WATER PROBE	0.04
RAI RK 30488	RK 30488	RPLC KIT DRAIN ASSY	0.04
RAI RK11 2005	RK11-2005	REPL KIT, STEEL CLAMP BLACK	1.36
RAI RK30880E	RK30880E	REPLACEMENT KIT WIF SENSOR AMPLIFIER	0.48

Features and Benefits

Corrosion resistant construction

2, 10, 30 micron high efficiency engineered media elements

Available in single, double and triple assembly units

Easy service as no tools are required

Create a customized right sized solution for your application with the wide range of options available

Genuine Racor product that has been extensively tested to OEM specifications

Top Movers - Racor Air Filtration

Primary Part No	Supplier Part No	Description	Part Weight (Lbs)
RAI 051800000	51800000	T-528 D/C RACOR BRAND	24
RAI 071338 002	71338002	ECO-II AIR FILTER ASSEMBLY, 11X24 OG	18
RAI 124923000	124923000	ECOLITE AIR FILTER ASSEMBLY, 11X24 TI	19
RAI 400820 015	400820015	ECO-LL AIR FILTER ASSEMBLY, 11X18 TI	14
RAI 500229000	500229000	ECO III CLIP KIT, WIREFORM 8 PC.	N/A
RAI 500250012	500250012	ECO III AIR FILTER ASSEMBLY W/SAFETY FILTER, 13X21	N/A



RAI 500467002	500467002	ECO XL13 END COVER KIT	N/A
RAI AD DU3KT	AD-DU3-KT	REPAIR KIT FOR AIR DRYER	N/A
RAI AD DU4 58270	AD-DU4-58270	AIR DRYER	N/A
RAI AF M501012	AF M501012	HOUSING, AIR FILTER/SILENCER	5
RAI AF M8010	AF M8010	REPLACEMENT ELEMENT AIR FILTER	N/A
RAI AF M8034	AF M8034	REPLACEMENT ELEMENT AIR FILTER	N/A
RAI AF M8033	AF M8040	REPLACEMENT ELEMENT AIR FILTER	N/A
RAI AF M8050	AF M8050	REPLACEMENT ELEMENT AIR FILTER	1.74
RAI AF M8060	AF M8060	REPLACEMENT ELEMENT AIR FILTER	2.22

Features and Benefits

Air filtration product line includes: Engine air filters and silencers, pre-cleaners, air dryers and moisture/ember engine air separators

Racor air filters offer the highest degree of filtration and life

Installation flexibility

Superior performance

Easy service

General Product Information

Products

Racor Diesel Spin-on Fuel Filter Water Separators (FF/WS) - Racor fuel filter water separators provide efficient and reliable engine protection. Maximize engine protection with a low-profile, easy-to-fit filtration system. They are compact and Versatile Systems for all diesel and gasoline engines. Racor Diesel Spin-on Series filters use Aquabloc® media to reliably remove dirt and water from diesel and gasoline. Aquabloc® media is pleated, corrugated, and arranged for optimum water rejection and longest service life. Small contamination particles are stopped at the surface of the Aquabloc® media, while even smaller particles are held deeper in the media layers. These fuel filter/water separators are designed for high performance applications, and will help your diesel or gasoline engine perform better than ever with clean, water-free fuel. The mounting head and filter body are protected with a durable electrostatically applied powder coating for superior corrosion resistance. This spin-on filter design is simple to service, and the reusable clear engineering plastic or metal contaminant collection bowls feature a self-venting drain or metal plug, for draining out unwanted muck and water. These cost-effective filters are for on-engine or remote mounting, and



time for service, only the filter element is replaced—the bowl and drain plug are reused. Water-in-fuel (WIF) sensor upgrades are available to alert operators to drain accumulated water from the bowl.

Turbine Series Fuel Filter Water Separators (FF/WS) - Racor fuel filter water separators provide efficient and reliable engine protection. They provide heavy-duty, high-capacity water separation and fuel filtration. The Racor Turbine Series is the most trusted fuel filtration water separator available in the market. The waterproof, rustproof and dirtproof Aquabloc® Synergy media undergoes a water repelling treatment process that simultaneously separates and coalesces, forming heavy water droplets that collect into the filter bowl. The Racor Turbine series has a wide range of flow rates starting from 60 gph on a single 500FG Series up to 540 gph on 1000FH series installed in triplex formation. Duplex and Triplex Turbine units offers safety by having a clean filter in reserve.

Air Filtration - When your engine is operating in adverse conditions; off-road, in the desert, out at sea, or just on the local highway, it needs to be able to breathe clean, dry air. Parker Racor's range of engine air filters offer the highest degree of filtration and life available. Using pre-cleaners capable of removing in excess of 85% of dirt prior to reaching the filter element, Parker Racor engine air filters can achieve 99.9%+ efficiency per SAE J726C. Fitted with Parker Racor pre-cleaning air filters, mobile equipment, mining machinery and wheel loaders can survive harsh dust filled environments without clogging air filters in seconds; continuing to work, whatever the conditions. Parker Racor's complete family of air filtration systems can be configured to meet a wide range of on-road, off-road, and industrial applications. From ECO Series to a custom designed air filtration systems, Parker Racor provides innovative solutions to exceed customer expectations.

(<https://www.diamond-gard.com/sales-brochures>)

Warranty Information

All products manufactured or distributed by Racor are subject to the following, and only the following, LIMITED EXPRESS WARRANTIES, and no others: For a period of one (1) year from and after the date of purchase of a new Racor product, Racor warrants and guarantees only to the original purchaser-user that such a product shall be free from defects of materials and workmanship in the manufacturing process. The warranty period for pumps and motors is specifically limited to ninety (90) days from date of purchase.

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