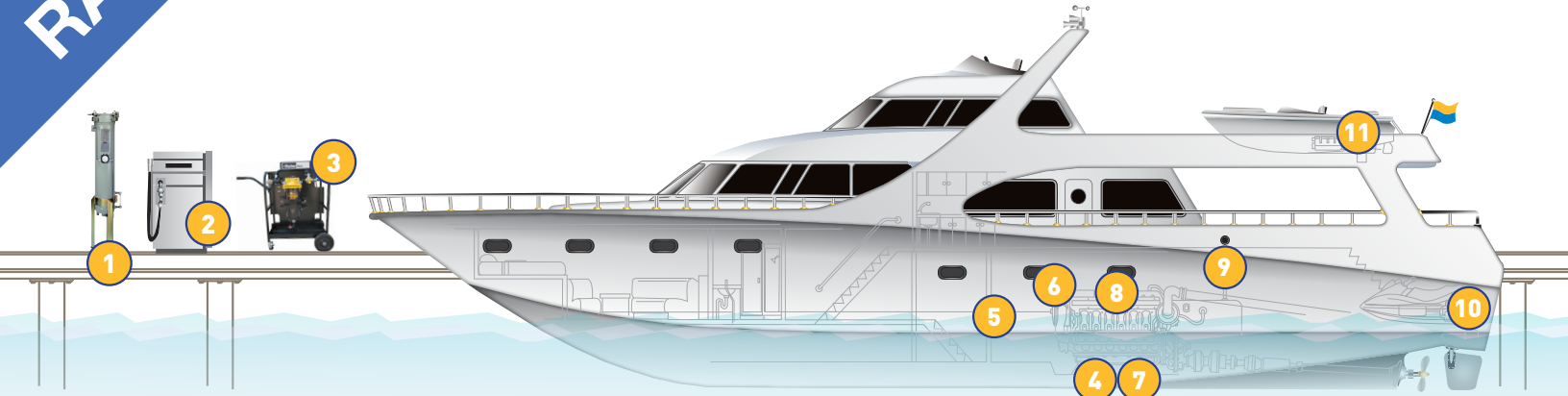
























GENUINE
RACOR

Marine Recreational Products



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|---|---|---|---|---|---|--|---|---|---|---|
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| Fuel Delivery | Fuel Dispensing | Portable High-flow Fuel Polisher | Top-load Oil Filter | Turbine Series Fuel Filter/Water Separator | Marine Air Filter/Silencer | Bypass Oil Filters | Crankcase Ventilation Filtration | Fuel/Air Separator | In-line Gasoline Filter | Marine Gasoline Spin-on Filter |

Marine Gasoline Spin-on Series



Specifications	120R-RAC-01	120R-RAC-02	320R-RAC-01	320R-RAC-02	490R-RAC-01	660R-RAC-01	660R-RAC-02	3120R-RAC-32
Max. Flow Rate	30 GPH (114 LPH)	30 GPH (114 LPH)	60 GPH (227 LPH)	60 GPH (227 LPH)	90 GPH (341 LPH)	90 GPH (341 LPH)	90 GPH (341 LPH)	120 GPH (454 LPH)
Filter (10 micron) (2 micron)	S3240 N/A	S3240TUL N/A	S3227 S3228SUL	S3228TUL S3228SUL	S3227 S3228SUL	S3232 N/A	S3232TUL N/A	S3232TUL N/A
Center Threads	M18 x 1.5	M18 x 1.5	1"-14	1"-14	1"-14	1"-14	1"-14	1"-14
Port Size	1/4"-18 NPTF	1/4"-18 NPTF	1/4"-18 NPTF	1/4"-18 NPTF	3/8"-18 NPTF	3/8"-18 NPTF	3/8"-18 NPTF	1/2"-14 NPTF
Height	6.5 in. (16.5 cm)	6.0 in. (15.2 cm)	9.4 in. (23.9 cm)	9.0 in. (22.9 cm)	9.9 in. (25.1 cm)	11.0 in. (27.9 cm)	10.5 in. (26.7 cm)	10.4 in. (26.4 cm)
Width	3.2 in. (8.1 cm)	3.2 in. (8.1 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.5 in. (11.4 cm)	4.2 in. (10.7 cm)	4.2 in. (10.7 cm)	4.0 in. (10.2 cm)
Depth	3.2 in. (8.1 cm)	3.2 in. (8.1 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.8 in. (12.2 cm)	4.5 in. (11.4 cm)	4.5 in. (11.4 cm)	5.0 in. (12.7 cm)
Weight (approx.)	1.1 lbs (0.5 kg)	1.2 lbs (0.5 kg)	2.0 lbs (0.9 kg)	2.0 lbs (0.9 kg)	2.6 lbs (1.2 kg)	3.0 lbs (1.4 kg)	3.0 lbs (1.4 kg)	2.0 lbs (0.9 kg)
Clean Pressure Drop	0.2 PSI (0.01 bar)	0.2 PSI (0.01 bar)	0.6 PSI (0.04 bar)	0.6 PSI (0.04 bar)	1.0 PSI (0.07 bar)	0.6 PSI (0.04 bar)	0.6 PSI (0.04 bar)	0.2 PSI (0.01 bar)
Max. Working Pressure¹	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)	7.0 PSI (0.5 bar)
Service Clearance (under bowl)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)
Ambient Temp Range	-40° to +255°F (-40° to +124°C)							
Max. Fuel Temperature	190°F (88°C)							

¹ Pressure installations are acceptable up to the maximum PSI shown. Racor filter/separators will not separate oil from gasoline in blended fuel mixtures.



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Marine Turbine Series

Fuel Filter/Water Separators

MA, MAM, MAX and MAXM



When engines demand heavy-duty, high-capacity water separation and fuel filtration, the Turbine Series is the most complete, efficient, and reliable engine protection you can install. Symbolizing Racor's continuing commitment to the science of filtration, the Turbine Series has established its position as the filter/separator often imitated, but never equaled. Models that include an aluminum bowl or stainless steel shield meet ASTM FS1201 certification, are UL listed, American Bureau of Shipping, Veritas, Det Norske Veritas, ISO 10088, and USCG accepted. For severe service, all-metal bowls should be specified.

Specifications	500MA	75900MAX	751000MAX
Maximum Flow Rate: (one unit online) (two units online)	60 GPH (227 LPH) N/A	90 GPH (681 LPH) 180 GPH (681 LPH)	180 GPH (681 LPH) 360 GPH (1363 LPH)
Application	Diesel	Diesel	Diesel
Port Size	3/4"-16(SAE J1926 female threads)	7/8"-14 (SAE J514 male threads)	7/8"-14 (SAE J514 male threads)
Micron Rating	2, 10, or 30	2, 10, or 30	2, 10, or 30
Replacement Element	2010 Series	2040 Series	2020 Series
Height	11.5 in. (29.2 cm)	17.0 in. (43.2 cm)	22.0 in. (55.9 cm)
Depth	4.8 in. (12.2 cm)	11.0 in. (27.9 cm)	11.0 in. (27.9 cm)
Width	5.8 in. (14.7 cm)	18.8 in. (47.6 cm)	18.8 in. (47.6 cm)
Weight	4 lbs (1.8 kg)	23 lbs (10.4 kg)	30 lbs (13.6 kg)
Clean Pressure Drop	0.7 PSI (4.8 kPa)	1.7 PSI (11.7 kPa)	3.7 PSI (25.5 kPa)
Maximum Pressure	15 PSI (1 bar)	15 PSI (1 bar)	15 PSI (1.0 bar)
Water Capacity	7.4 oz (220 ml)	20.6 oz (610 ml)	20.6 oz (610 ml)
Overhead Clearance	4.0 in. (10.2 cm)	5.0 in. (12.7 cm)	10.0 in. (25.4 cm)
Water Removal Efficiency	99%	99%	99%

Marine Diesel Spin-on Series



Specifications	215RMAM	230RMAM	245RMAM	445MAM10	460MAM10	490MAM10	4120MAM10
Maximum Flow Rate	15 GPH (57 LPH)	30 GPH (114 LPH)	45 GPH (170 LPH)	45 GPH (170 LPH)	60 GPH (227 LPH)	90 GPH (341 LPH)	120 GPH (454 LPH)
Maximum PSI ¹	30 PSI (2.1 bar)	30 PSI (2.1 bar)	30 PSI (2.1 bar)	15 PSI (1.0 bar)	15 PSI (1.0 bar)	15 PSI (1.0 bar)	15 PSI (1.0 bar)
Clean Pressure Drop	0.12 PSI (0.01 bar)	0.3 PSI (0.02 bar)	0.6 PSI (0.04 bar)	0.2 PSI (0.01 bar)	0.3 PSI (0.02 bar)	0.4 PSI (0.03 bar)	0.5 PSI (0.03 bar)
Port Size	1/4"-18 NPTF	1/4"-18 NPTF	1/4"-18 NPTF	3/8" NPTF	3/8" NPTF	3/8" NPTF	3/4" SAE
Primer Pump	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Replacement Filter	R15TUL	R20TUL	R25TUL	S3204TUL	S3211TUL	S3201TUL	S3201TUL
Number of Ports	3	3	3	4	4	4	4
Water Sensor Option	RK30880E						
Height	7.7 in. (19.6 cm)	9.0 in. (22.9 cm)	10.5 in. (26.7 cm)	9.4 in. (23.9 cm)	10.8 in. (27.4 cm)	12.8 in. (32.5 cm)	12.8 in. (32.5 cm)
Width	3.9 in. (9.9 cm)	3.9 in. (9.9 cm)	4.0 in. (10.2 cm)	4.5 in. (11.4 cm)	4.5 in. (11.4 cm)	4.5 in. (11.4 cm)	4.5 in. (11.4 cm)
Depth	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.8 in. (12.2 cm)	4.8 in. (12.2 cm)	4.8 in. (12.2 cm)	4.8 in. (12.2 cm)
Weight (approx.)	1.2 lbs (0.5 kg)	2.0 lbs (0.9 kg)	2.2 lbs (1.0 kg)	2.9 lbs (1.3 kg)	3.1 lbs (1.4 kg)	3.3 lbs (1.5 kg)	3.3 lbs (1.5 kg)

¹ Pressure Installations are applicable up to the maximum PSI shown, vacuum installations are recommended.

Fuel Filter Funnel (RFF)

Racor Filter Funnel (RFF) is a heavy-duty, fast-flow, filter-in-a-funnel that separates damaging free water and contaminants from gasoline, diesel, heating oil, and kerosene.

The RFF family of products is capable of removing free water and solids down to 0.005 inches and allows you to visually inspect the integrity of your fuel supply as you refuel.

The RFF family is manufactured using industrial-grade black electro-conductive polypropylene. Carbon powder is injected into the plastic so that the RFF will conduct static electricity. The grounding capability of the RFF is an important safety feature. Always use proper fuel handling procedures and follow local, state, and federal regulations.

