

# 200 Series

Racor's Marine Spin-On 200 Series fuel filter/water separators are available in three sizes to fit any engine compartment. All three assemblies feature 1/4"-18 NPTF inlet and outlet fuel ports, a unitized mounting bracket for mounting versatility, an in-head primer pump for quick fuel system priming, a metal sediment and water collection bowl (safe for inboard use), a vent plug to easily evacuate trapped air, and a 10 micron AquablocII filter element which repels nearly 100% of all free water found in fuel.

If quality is what you want and filtration is what you need, than a Racor 200 Series fuel filter/water separator is the answer. Experienced sailors trust their engines, their livelihood and even their lives to Racor. Shouldn't you?



215RMAM



230RMAM



245RMAM



## 200 Series

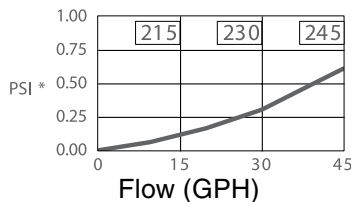
### 200 Series Overview



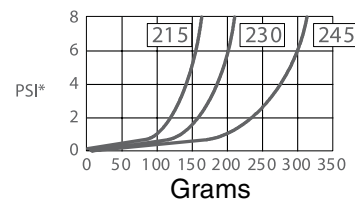
Specifications	215RMAM	230RMAM	245RMAM
<b>Maximum Flow Rate</b>	15 GPH (57 LPH)	30 GPH (114 LPH)	45 GPH (170 LPH)
<b>Port Size</b>	¼"-18 NPTF	¼"-18 NPTF	¼"-18 NPTF
<b>Number of Ports:</b> <i>Inlets</i> <i>Outlets</i>	1 2	1 2	1 2
<b>Replacement Element</b>	R15TUL	R20TUL	R25TUL
<b>Center Threads</b>	1"-14	1"-14	1"-14
<b>Height</b>	8.3 in. (21.1 cm)	9.0 in. (22.9 cm)	10.5 in. (26.7 cm)
<b>Width</b>	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)
<b>Depth</b>	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)
<b>Weight</b>	1.8 lb (0.8 kg)	2.0 lb (0.9 kg)	2.2 lb (1.0 kg)
<b>Clean Pressure Drop</b>	0.12 PSI (0.83 kPa)	0.31 PSI (2.14 kPa)	0.61 PSI (4.21 kPa)
<b>Maximum Operating Pressure</b>	30 PSI (207 kPa)	30 PSI (207 kPa)	30 PSI (207 kPa)
<b>Bowl Capacity</b>	2.0 oz (58 ml)	2.0 oz (58 ml)	2.0 oz (58 ml)
<b>Water Removal Efficiency</b>	99%	99%	99%
<b>Ambient Fuel Temperature</b>	-40° to +250°F (-40° to +121°C)		
<b>Max. Fuel Temperature</b>	190°F (32°C)		

### Test Data

(Test results are from controlled laboratory testing. Field results may vary.)



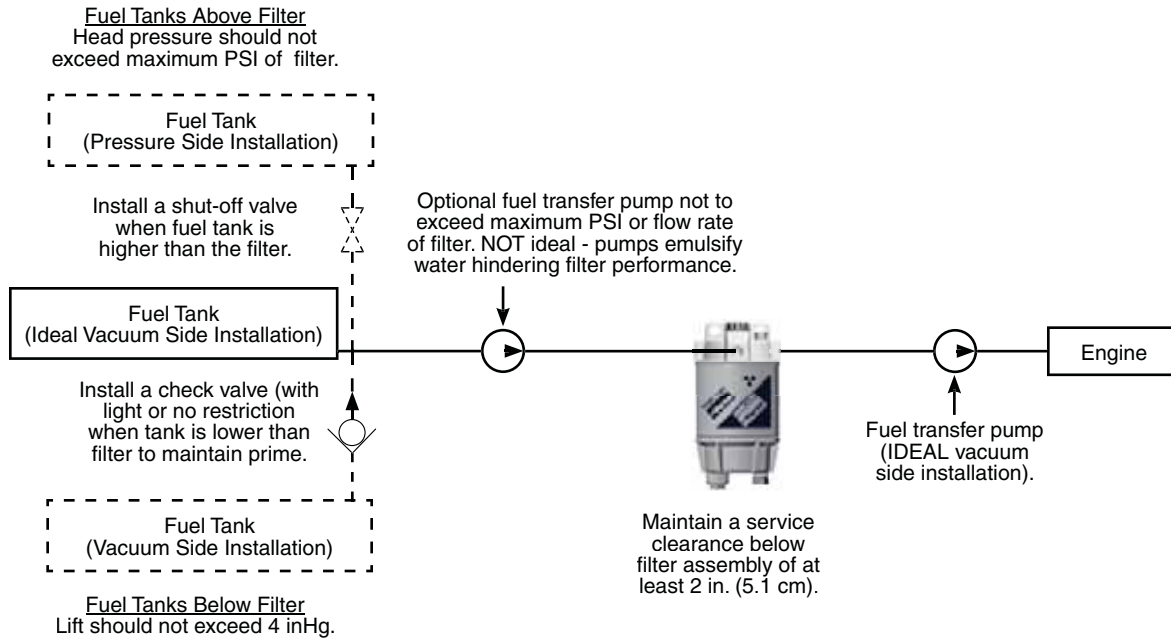
SAE J905 Fuel Flow Restriction



SAE J905 Solids Capacity  
(using SOFTC-2A; 10 mic. Element)

\*PSI X 2.036 = inHg. / PSI X 6.895 = kPa

# Installation Diagram



Installation diagram applies to all 200 Series filters. Model 215RMM shown above. Racor offers hose and fittings to complete this installation. See Marine Accessories.

# Mounting Information



# Hand Primer Pump Upgrade



## Benefits

- Up to 37% increase in volume of fuel pumped per stroke
- Improved strength and alignment
- Improved ease of operation
- Reduced restriction in fuel flow
- Changeable in the field

This enhancement is possible by increasing the stroke length, by about 1/2", on the pump shaft and the element threaded adapter. Additionally, the knob and support ring have been redesigned to be more robust.

This change also affects replacement kits for the primer pump and head assemblies. The new style primer pump requires an additional 0.5 inch of space above the assembly (2 inches total) to utilize the added length of stroke; however, the primer pump will perform as always without any mounting modifications.

The new easy-grasp pump knob is larger than current knobs and the color will be changed from white to black to make a clear visual change between current pumps and newer versions.

