

400 Series

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Marine 400 Series Spin-On fuel filter/ water separators are available in 4 sizes to fit any engine compartment. 400 Series mounting heads feature 4 ports (2 inlets and 2 outlets), a unitized mounting bracket for mounting versatility and a built-in, hand operated fuel priming pump to simplify servicing and repriming procedures.

Also featured on these assemblies are Aquabloc II water repelling elements that remove sediment down to 10 micron, a vent plug to remove trapped air and a metal water and sediment collection bowl. Experienced sailors trust their engines, their livelihood, and even their lives to Racor. Shouldn't you?



4120MAM10



445MAM10



460MAM10



490MAM10



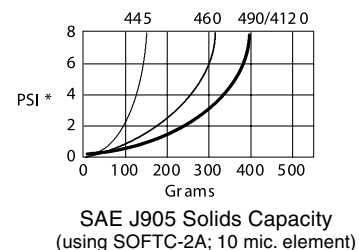
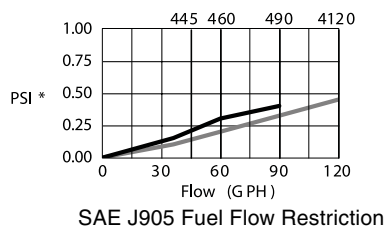
400 Series Overview



Specifications	445MAM10	460MAM10	490MAM10	4120MAM10
Maximum Flow Rate	45 GPH (170 LPH)	60 GPH (227 LPH)	90 GPH (341 LPH)	120 GPH (454 LPH)
Port Size	3/8" NPTF	3/8" NPTF	3/8" NPTF	3/4" UNF
Number of Ports:				
Inlet	2	2	2	2
Outlet	2	2	2	2
Replacement Element	S3204TUL	S3211TUL	S3201TUL	S3201TUL
Center Threads	1"-14	1"-14	1"-14	1"-14
Height	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	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	4.8 in. (12.2 cm)	4.8 in. (12.2 cm)	4.8 in. (12.2 cm)	4.8 in. (12.2 cm)
Weight	2.9 lb (1.3 kg)	3.1 lb (1.4 kg)	3.3 lb (1.5 kg)	3.3 lb (1.5 kg)
Clean Pressure Drop	0.2 PSI (1.2 kPa)	0.3 PSI (2.1 kPa)	0.4 PSI (2.4 kPa)	0.5 PSI (3.1 kPa)
Max. Operating Pressure	15 PSI (103 kPa)	15 PSI (103 kPa)	15 PSI (103 kPa)	15 PSI (103 kPa)
H₂O Removal Efficiency	99%	99%	99%	99%
Bowl Capacity	2.0 oz (58 ml)	2.0 oz (58 ml)	2.0 oz (58 ml)	2.0 oz (58 ml)
Ambient Fuel Temperature	-40° to +250°F (-40° to +121°C)			
Max. Fuel Temperature	190°F (32°C)			

Test Data

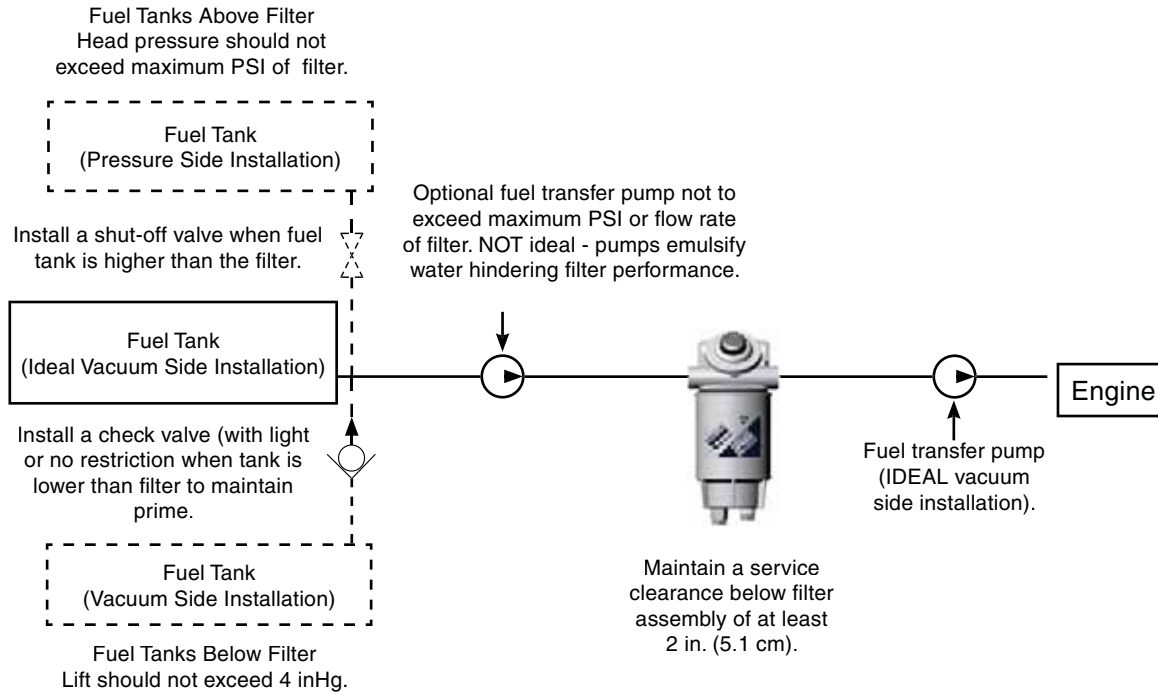
(Test results are from controlled laboratory testing. Field results may vary.)



*PSI x 2.036 = inHg. / PSI x 6.895 = kPa

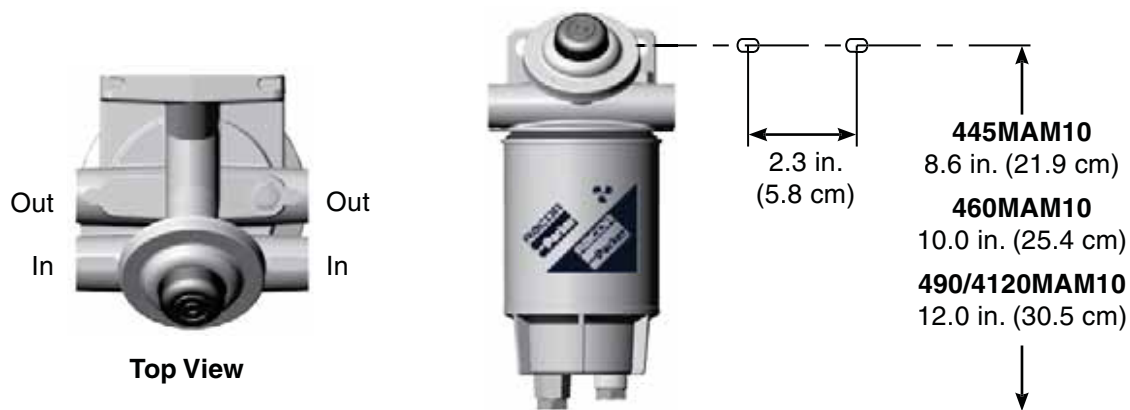
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Installation Diagram



Installation diagram applies to all 400 Series filters. Model 445MAM10 shown above. Racor offers hose and fittings to complete this installation. See Marine Accessories.

Mounting Information



Replacement Parts

445MAM10, 460MAM10,
490MAM10 and 4120MAM10

- | Part Number | Description |
|--------------------|---|
| 1. RK 10110 | Metal Vent Plug Kit |
| 2. RK 22425 | Mounting Head Kits (includes primer pump & #'s 1 & 3) with (3/8" NPTF ports) for 445MAM10, 460MAM10, 490MAM10 |
| RK 22270 | 4120MAM (3/4" UNF ports) |
| 3. RK 22061 | Element Gasket Kit |
| 4. S3204TUL | Replacement Elements 10 micron (includes #'s 3 and 5) For 445MAM10 |
| S3211TUL | For 460MAM10 |
| S3201TUL | For 490MAM10 |
| S3201TUL | For 4120MAM10 |
| 5. RK 30076 | Bowl O-ring Kit |
| 6. RK 30495 | Metal Bowl Kit (includes #'s 5-8) |
| 7. 918-N4 | Steel Plug (1/4" NPT) |
| 8. RK 20022 | Metal Plug Kit (1/2"-20 UNF) |

Additional Parts (not shown)

- | | |
|----------------|-----------------------|
| 01SP-6S | Metal Plug (3/8" NPT) |
|----------------|-----------------------|

