

Marine Fuel Filter Water Separator – Racor Turbine Series | #791000MAV30

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Marine Triplex 1000 Turbine Series with Clear Plastic Bowl and Steel Shield, 3/4-14 NPT Male ports, 98%@30 Micron media

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Technical Specifications

Valve Type:

Individual Ball Valve

Flow Rate:

540 gph (2044 lph)

Connection Type:

3/4"-14 NPT Male

Micron Rating:

98% @ 30 Micron

Materials of Construction:

Bowl: Clear Engineering Plastic with Stainless Steel Shield

Water Sensor Option:

n/a

Product Series:

Cartridge FF/WS, Marine Triplex 1000 Turbine

Brand:

Racor

For Fluid Type:

Diesel Fuel / B20

Mounting Type:

Bracket Included

Number of Housings:

3

Clean Pressure Drop:

0.17 bar, 2.5 psi

Pump Type:

Electric Primer Pump Option: RKP1912/RKP1924

Number of Ports:

2

Filter Element Type:

Top loaded element cartridge with 30 Micron Aquabloc® Media

Compatible Element:

2020N-30 (Requires 3)

Application:

Marine fuel filtration

Materials of Construction:

Powder Coated Aluminum Alloy

Maximum Continuous Pressure:

• Residual water enters the system through condensation in the fuel tank. Any water present in the fuel stream promotes bacterial growth, which can cause clogged filters and result in the formation of corrosive acids. Susceptible components then rust and corrode, leading to erosion and wear of critical fuel system components.

- Removes hard particles present in air that are introduced during fueling, such as sand and silica.
- Removes soft contaminant particles from overheated and degraded diesel fuel, which coat filters with black asphaltene-like substance, leading to power loss and engine shutdown.
- Prevents costly injector damage and increases operational life of downstream filters.
- Saves time and money by eliminating unplanned maintenance and unscheduled downtime from system component failure.
- With Racor 75 and 791000 Turbines, a simple turn of a valve puts a clean filter back on-line. Servicing of the clogged filter can then be performed with the engine running.
- Available in a wide range of configurations to meet the unique requirements of customers' engines, including marine (UL-approved) versions.

Features:

- Aquabloc® engineered media elements with 98% efficiency at 4, 10 or 30 micron
- Various flow rates available: 60 gph (227 lpm) with a single 500FG Series, up to 540 gph (2044) with the 77 and 791000 series triple-manifold units
- Corrosion-resistant construction
- Self-venting drain valve or plug (on metal bowls)
- Clear contaminant collection bowl

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CAD Drawings + Files

No CAD files available



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