

300 Series

Diesel Fuel Heater Filter Water Separators



The 300 Series Diesel Fuel Filter Heater Water Separators are specifically designed to handle today's tough cold weather and Biodiesel fuel system problems. These units feature either a standard high efficiency coolant heat exchanger to heat incoming fuel or an efficient 12vdc 150 watt PTC heater to quickly warm the fuel thus providing easier starting and optimum operating efficiency in cold weather or climates.

These units are recommended for suction (vacuum) side installations. The Racor 300 Series is perfect for Biodiesel and cold weather applications.



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Product Features:

- High capacity media- The Racor Aquabloc® II media allows for excellent contaminant removal and water separation. Available in 2, 10, and 30 micron ratings.
- Highly efficient heaters
- Highly efficient water coalescing
- Biodiesel tested rubber seals and gaskets to prevent swelling



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Product Information and Specifications



Specification	325R12	330R	345RC	360RC	390RC
Maximum Flow Rate	60 GPH (227 LPH)	75 GPH (284 LPH)	45 GPH (170 LPH)	60 GPH (227 LPH)	90 GPH (341 LPH)
Inlet/Outlet Port Size	3/8"-18 NPTF (SAE J476)	3/8"-18 NPTF (SAE J476)	Fuel-3/8"-18 NPTF (SAE J476) Coolant-5/8" I.D. Hose Bead	Fuel-3/8"-18 NPTF (SAE J476) Coolant-5/8" I.D. Hose Bead	Fuel-3/8"-18 NPTF (SAE J476) Coolant-5/8" I.D. Hose Bead
Replacement Elements	S3225S - 2 micron S3225T - 10 micron S3225P - 30 micron	S3226S - 2 micron S3226T - 10 micron S3226P - 30 micron	R45S - 2 micron R45T - 10 micron R45P - 30 micron	R60S - 2 micron R60T - 10 micron R60P - 30 micron	R90S - 2 micron R90T - 10 micron R90P - 30 micron
Minimum Service Clearance	Below-2.0 in. (5.1 cm)	Below-2.0 in. (5.1 cm)	Above-5.0 in (12.7 cm) Below-2.0 in. (5.1 cm)	Above-5.0 in (12.7 cm) Below-2.0 in. (5.1 cm)	Above-5.0 in (12.7 cm) Below-2.0 in. (5.1 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)	4.8 in. (12.2 cm)
Width	4.4 in. (11.2 cm)	4.4 in. (11.2 cm)	4.4 in. (11.2 cm)	4.4 in. (11.2 cm)	4.4 in. (11.2 cm)
Height	9.7 in. (24.6 cm)	11.0 in. (27.9 cm)	9.3 in. (23.6 cm)	11.0 in. (27.9 cm)	11.8 in. (30.0 cm)
Weight (Dry)	3.1 lb (1.4 kg)	3.1 lb (1.4 kg)	2.5 lb (1.1 kg)	2.7 lb (1.2 kg)	2.9 lb (1.3 kg)
Maximum Working Pressure	15 PSI (1.03 bar)	15 PSI (1.03 bar)	15 PSI (1.03 bar)	15 PSI (1.03 bar)	15 PSI (1.03 bar)
Clean Pressure Drop	0.17 PSI (0.01 bar)	0.39 PSI (0.03 bar)	0.10 PSI (0.69 kPa)	0.22 PSI (1.52 kPa)	0.76 PSI (5.24 kPa)

Racor's 300 Series Diesel Fuel Filter Heater Water Separators are specifically designed to handle today's tough fuel system problems. These units feature a standard in-head heater and reusable see-thru contaminant collection bowl.

These units are recommended for suction (vacuum) side installations but they may also be installed on the pressure side up to 15 PSI maximum. The die-cast aluminum mounting head features standard 3/8" NPTF fuel ports.

Engines will benefit from near 100% water separation and fuel filtration with Racor's proprietary Aquabloc® II water repelling media.

The replaceable spin-on filter elements are available in 2, 10, and 30 micron.