

# 200 Series

## Fuel Filter/Water Separators



Racor's 200 series fuel filter/water separators are specifically designed to handle today's toughest diesel filtration problems. The 200 series offers three base assemblies, the 215R, 230R, and 245R. All three feature a standard integrated fuel primer pump and differ only in fuel flow rates and filter height.

Each unit may be expanded to include an in-bowl heater (12 or 24 vdc) for cold weather climates (diesel applications only), and a water probe for detection of accumulated water (use with a 12 or 24 vdc Water Detection Kit).

These assemblies are also available in a UL approved version for marine applications. This includes a metal bowl and drain plug.



### Contact Information:

Parker Hannifin Corporation  
**Racor Division**  
P.O. Box 3208  
3400 Finch Road  
Modesto, CA 95353  
**phone 800 344 3286**  
**209 521 7860**  
**fax 209 529 3278**  
**racor@parker.com**

[www.parker.com/racor](http://www.parker.com/racor)

### Product Features:

- Integrated primer pump and vent plug for easy, no-mess priming.
- 1/4"-18 NPTF fuel ports.
- Optional 200 watt in-bowl heater available in 12 or 24 vdc.
- Optional WIF probe.



ENGINEERING YOUR SUCCESS.

# Product Information and Specifications



Racor's 200 series fuel filter water separators are specifically designed to handle today's tough diesel filtration problems. These units feature a standard in-head fuel priming pump and are different from one another only in flow capacity and element size.

These units should be used on the suction (vacuum) side of the fuel transfer pump (and are permitted for use up to 7 PSI of head pressure). The die-cast aluminum mounting head features two outlets and one inlet for installation to most fuel systems. The fuel ports are standard SAEJ476 1/4"-18 NPTF (tapered dryseal pipe thread).

A vent plug is fitted to easily evacuate trapped air, making fuel priming of the filter an easy, no-mess experience.

Engines will benefit from near 100% water separation and fuel filtration with Racor's proprietary Aquabloc™ water repelling media. Replaceable spin-on filter elements are available in 2, 10 and 30 micron ratings. The reusable see-through contaminant collection bowl allows the operator to check contamination build-up at a glance.

Specification	215R	230R	245R
Maximum Flow Rate	15 GPH (57 LPH)	30 GPH (114 LPH)	45 GPH (170 LPH)
Inlet/Outlet Port Size	1/4"-18 NPTF	1/4"-18 NPTF	1/4"-18 NPTF
Replacement Elements	R15S - 2 micron R15T - 10 micron R15P - 30 micron	R20S - 2 micron R20T - 10 micron R20P - 30 micron	R25S - 2 micron R25T - 10 micron R25P - 30 micron
Minimum Service Clearance	2.0 in. (5.1 cm)	2.0 in. (5.1 cm)	2.0 in. (5.1 cm)
Depth	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)
Width	3.9 in. (9.9 cm)	3.9 in. (9.9 cm)	3.9 in. (9.9 cm)
Height	8.3 in. (21.1 cm)	9.0 in. (22.9 cm)	10.5 in. (26.7 cm)
Weight (Dry)	1.8 lb (0.82 kg)	2.0 lb (0.91 kg)	2.2 lb (1.0 kg)
Maximum Working Pressure	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Clean Pressure Drop	0.12 psi (0.008 bar)	0.31 psi (0.02 bar)	0.61 psi (0.04 bar)