

ENGINEERING BULLETIN

June 28, 2006

Hastings Filters for New Racor® Housings FF1232, FF1233, FF1234, FF1235, FF1236 & FF1237

Hastings Premium Filters released the FF1232, FF1233, FF1234, FF1235, FF1236 and FF1237 filters to fit the latest Racor housings. These housings from Racor utilize a valve that must be engaged to allow fuel to flow through the housing. The two pictures below (Figures 1 & 2) illustrate how the valve must be engaged. The newly designed Hastings filters utilize end caps with keys to engage this valve. The design of the end caps on the Hastings filters has the keys nearly flush with the end of the filter, as opposed to recessed keys in the Racor filters, to prevent infringement of patents on the Racor design. This difference in design results in the Hastings filters being approximately 1 1/2 inches shorter than the Racor filters. However, Hastings Filters has verified through laboratory testing that the FF1232, FF1233, FF1234, FF1235, FF1236 and FF1237 filters provide sufficient filtration

efficiencies and contaminant capacities to meet the performance of the respective Racor filters.

The new Hastings FF1232, FF1233, FF1234, FF1235, FF1236 and FF1237 filters can also be used in the older Racor housings. The inside diameter of the top end cap of these filters sets against a step in the center post of the housing to retain the filter within the housing. The seal is made by the interference fit between the integral post seals in the end caps and the center-post of the housing. Figure 3 illustrates how the new filter design fits in the old Racor housings in comparison with the Racor filter on the right.

Hastings Premium Filters continues to offer innovative solutions to your filtration needs. The FF1232, FF1233, FF1234, FF1235, FF1236 and FF1237 filters supersede the FF1132, FF1133, FF1134, FF1135, FF1136 and FF1137 filters.

Flow-Control valve found in New Racor Housing

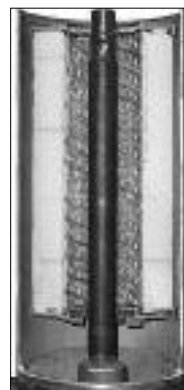


Figure 1

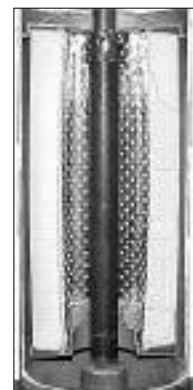


Figure 2

Cutaway view of new filters in old housing



Hastings



Racor

(See Hastings F501 (R 2/06) for more information on these products)

There is no association or affiliation between Hastings Premium Filters and Racor. Racor® is a registered trademark and division of Parker Hannifin Corp.

**If you have further questions,
please contact our
Service Engineering Team at (800) 887-8836.**