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## Baldwin Filters for New Racor<sup>®</sup> Housings PF7889 Series and PF7890 Series

Baldwin Filters released the PF7889 series and the PF7890 series 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 Baldwin filters utilize end caps with keys to engage this valve. The design of the end caps on the Baldwin 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 Baldwin filters being approximately 1 1/2 inches shorter than the Racor filters. However, Baldwin Filters has verified through laboratory testing that the PF7889 series and PF7890 series filters provide sufficient filtration efficiencies and contaminant capacities to meet the performance of the respective Racor filters.

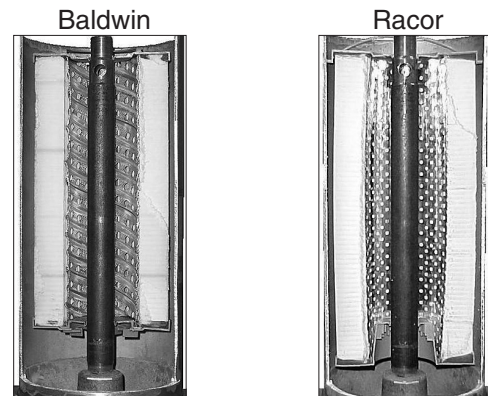
The new Baldwin PF7889 series and PF7890 series filters can also be used in the older Racor housings where the obsolete PF589 and PF590 series filters were once used. The inside diameter of the top end cap of these filters sets against a step in the center-post of the housing to retain the filter within 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.

Baldwin Filters continues to offer innovative solutions to your filtration needs. The PF7889 series of filters supersedes the PF589 series and the PF7789 series. The PF7890 series of filters supersedes the PF590 series and the PF7790 series.

### Flow-Control valve found in new Racor housing

**Figure 1****Figure 2**

### Cutaway view of new filters in old housing

**Figure 3**

*(See Baldwin Form 339 (R 2/06) for more information on these products)*

There is no association or affiliation between Baldwin Filters and Racor.  
Racor<sup>®</sup> is a registered trademark and division of Parker Hannifin Corp.

**If you have further questions,  
please contact our  
Service Engineering Team at (800) 822-5394.**