

Racor is announcing a running change for all 2020 and 2040 cartridge elements effective approximately March 2007. Current innerwraps will be replaced with new, redesigned innerwraps that improve overall filter performance in some installations that experience low fuel levels within the turbine housing.

Current tin-plated steel innerwraps have holes down the entire length of the metal while the new innerwraps will have holes located only on the top. Although less holes are now used, pressure drop across the element is unchanged over the operating flow range (see images to the right).

A factor affecting this improvement is that some applications may not always keep the Racor housing full of fuel due to layout and system requirements. For these situations and to increase the overall efficiency of all other applications, the redesign of the innerwrap will cause the fuel to utilize all of the filter media, all of the time.

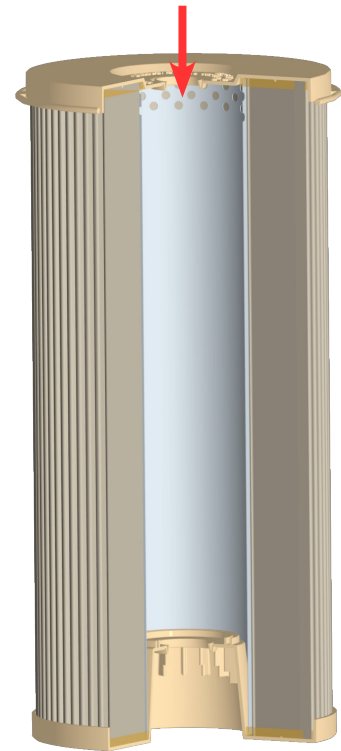
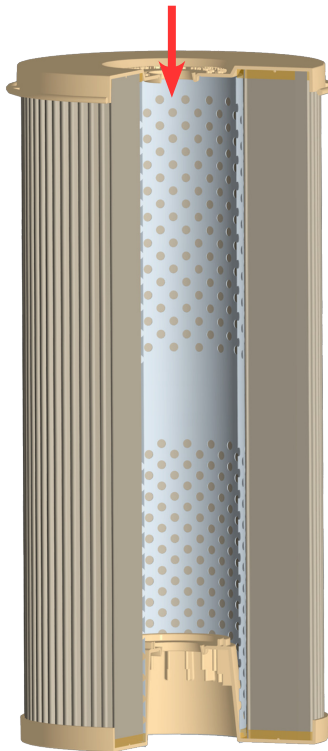
Another result is that the fuel level inside the housing will raise appreciably. A higher fuel level uses more media area at once, thus improving particle removal efficiency while stripping out a greater percentage of free water.



## 2020/2040 Cartridge Elements Innerwrap Change

Holes go all the way down the element.

Holes at top of element only.



2020 Element with Current Innerwrap

2020 Element with New Innerwrap

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