



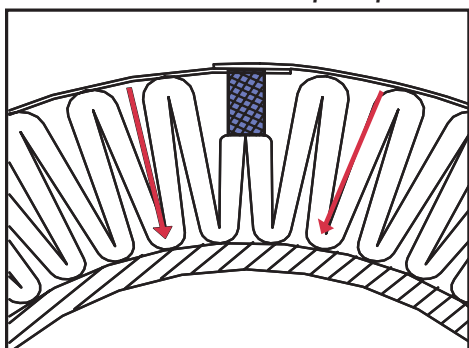
DirtCatcher® Element

The DirtCatcher® disposable cartridge elements are outside-in flow elements packaged within an outer shell that prevents contaminants from escaping back into the system during element change-outs.

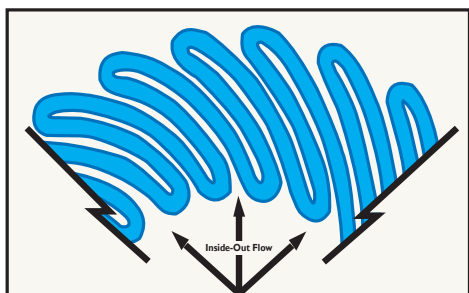
Advantages:

- Outside-in flow design avoids the pitfalls of inside-out flow
 - Superior pleat and seam stability; compression vs tension loading (Avoids inside-out “pleat bunching” commonly encountered with inside-out flow)
 - Increased media surface area
 - Increased element life
- Outer shell prevents contaminants from falling back into system during element changes

Outside-In Flow: flow opens pleats



Inside-Out Flow: tendency for pleat bunching



US Patent 7,384,547

- Large annular openings on upstream end of element permit fluid to flow easily and have lower pressure drop than an inside-out element of same dimensions.
- The unique physical design & size allows OEM's to retain 100% of after-market business and private label the outerwrap
- Available in Excellement® synthetic media, which has lower pressure drop, higher dirt holding capacity, and better efficiencies than any other filtering media on the market today
- Currently available in K, KK, BB and 18L size elements.
 - Are totally interchangeable with Schroeder KZ, KKZ, BBZ and 18LZ elements in top-ported filter housings, respectively
 - Can be used in the following Schroeder housings: RT, KFT, KF3, KF8, BFT, and LRT

Schroeder
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