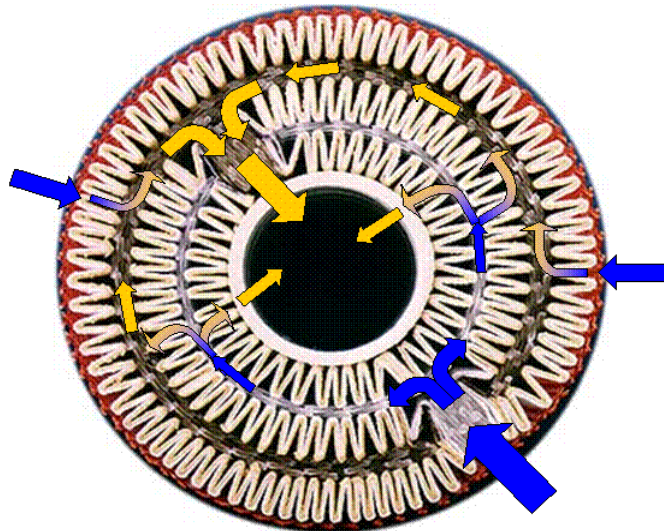




“What’s New in Cartridge Filtration”

Filtrindustries has introduced a new line of cartridge filters to maximize effective filter surface area while minimizing filter vessel diameter. This innovation in cartridge filtration can provide significant cost savings over many existing filtration products. The key to these cost savings stems from the unique design of the product which utilizes segregated flow channels and flow chambers to maximize the effective surface area of the pleated filter media within each cartridge. Combining this design with the technique of pleating several different filter media together in a single pleat pack maximizes dirt holding capacity. This design permits the use of many different types of filter media which is essential for a wide range of fluid and temperature applications. The cross sectional view shown below details the basic design and flow paths of the filter.



FLOW PATTERN

Note: Fluid will always take the path of least resistance. This principal forces the filter to load evenly with dirt. As one area of pleats become loaded, the differential pressure across that area becomes higher. Then, the fluid will seek a pleated area with a lower differential pressure across the media.