

## Filters and Strainers

A filter is a device that removes particles from a given liquid or gas – it includes a disposable medium for removing fine particles of specified micron sizes. A strainer is also a filter. However, it uses a perforated tube or screen mesh to remove larger particles from a process stream.

Filters and strainers can be used individually or in tandem to remove coarse, medium or fine particles from a process fluid. They are ideal for the dairy, food, beverage, pharmaceutical, cosmetics and similar industrial industries.

### Streamline®

Streamline in-line filters/strainers promote product quality and sanitation while protecting processing equipment such as homogenizers, meters, spray nozzles, needle valves and pumps. They feature a free-flow design and stainless steel construction for optimum sanitation and corrosion resistance, compatibility with a variety of woven and non-woven filtering media, and fast, easy servicing.

Streamline in-line filters/strainers are available in two sizes. If used as a filter, the Streamline can be fitted with any one of seven filtering media. As a strainer, it can be furnished with a single screen for straining large particles, or back-up tube and over screen with small perforations for removing finer particles.

### Mainstream

The Mainstream basket-type filters/strainers provide versatile, cost-effective filtration. With a large surface area, Mainstream filters and strainers combine high flow rates, low pressure drop and simple clean-up and servicing. The end result is more efficient separation, faster throughput and reduced media changeover.

Mainstream products are available in long and short models. For strainer applications, the unit can be fitted with a perforated stainless steel basket or wire mesh basket. When used as a filter, the Mainstream unit incorporates a perforated stainless steel basket designed to hold woven and non-woven filter bags.



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