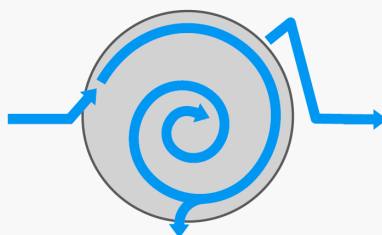


Cyclone Filter Applications

Cyclone Filter Applications

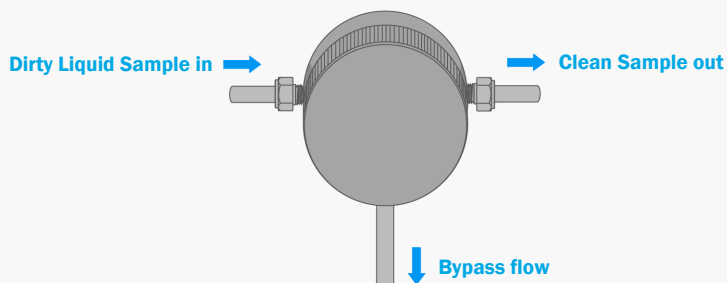
These housings are designed for liquid sample applications. The dirty sample enters through an angled inlet port and this creates a “cyclone” effect against a flat stainless steel filter disc.



Any particulates will be stopped by the filter disc and carried to the bypass port at the bottom of the housing. The clean sample passes through the sintered filter disc to the outlet port.

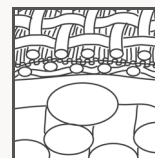
Because of the “cyclone” effect the filter disc is kept clean by the movement of the liquid against it and the service life of the filter disc is maximised.

Various housing styles are available and the housing designs allow a quick change of the membrane as all the line connections are arranged in the body of the housing. The threaded cap means no tools are required for access.



Stainless Steel Filter Discs

Stainless steel filter discs are made up of several layers of 316 mesh that are sintered together to form an integrated porous filter. The middle mesh is of very fine gauge and determines the filtration rates, this layer is then overlaid with inner and outer layers of coarser mesh to give support and protection.



Standard Grades

2, 10 and 25 micron