

Self-Cleaning Filters



Many industries are using filtering devices within their production units in order to perform different operations (clarification, extraction, equipment protection).

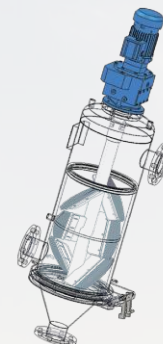


Self-Cleaning Filters

The F-Filters are made up of an automatic cleaning system : a set of brushes are continuously scraping the filtration media, thus preventing the filter from plugging (cf. Self-Cleaning Technology).

The solid particles are transported to the lower part of the filter, where they are accumulated. These filters are characterized by their adaptability, they robustness and their strong filtration capabilities (down to 80 µm).

Each filter is configured depending on the product characteristics (density, viscosity, size of solid particles) and the production conditions. That's why our experts provide a customized analysis of your product to be treated and offer a filtration solution tailored to your processes for optimum performance.



Self-Cleaning Technology



Self-Cleaning Filter - F8/2



Self-Cleaning Filter - F2

Technical Data	F2/2	F2	F5	F8/2	F8
Filtration technology	Self-Cleaning system with brushes				
Hydraulic flow (m ³ /h)	≤ 5	≤ 50	≤ 100	≤ 150	≤ 200
Filtration Threshold	≥ 80 µm				
Filtering area (m ²)	0,33	0,48	0,60	0,88	1,76
Volume (L)	57	87	110	200	420
Motor Speed (rpm)	1370	1370	1500	1500	1500
Shaft Speed (rpm)	18	18	11	11	11
Engine Power (kW)	0,55	0,55	0,75	0,75	0,75
Maximum Pressure (bar)	10				
Dimensions (l * w * h in cm)	71 * 48 * 195	71 * 48 * 226	71 * 60 * 200	102 * 99 * 313	102 * 99 * 380
Weight (kg)	90	130	200	300	400



Main Applications

Our filters can be adapted to many applications and cover a wide range of industries such as Pharmaceuticals, Cosmetics, Food & Beverage, Chemicals, Biotechnologies, Renewables, etc.



645 Avenue du Dué
76320 Saint-Pierre-lès-Elbeuf
France



www.e2se.com



commercial@e2se.com
+33 (0)2 35 37 21 71