



SDF

partial flow filters

Corrosion occurs in many piping systems of cooling and heating installations, resulting in fouling and disruptions. This also applies to process water systems, ring mains, pumps, boilers, and heat exchangers.

The SOTEX SDF partial flow filters offer a sustainable and effective solution by continuously filtering a partial flow of the system water. This ensures the targeted removal of harmful particles such as iron oxide, magnetite, welding debris, and sludge.

The filters feature a robust **stainless steel filter housing** and a **replaceable filter bag (standard 50 µm, optional 5 µm)**. Each unit is equipped as standard with a **powerful neodymium magnet rod**, which efficiently captures ferromagnetic fouling. The larger versions (SDF20 and higher) can optionally be expanded to four magnet rods.

Thanks to this combination of magnetic and mechanical filtration, water quality is significantly improved, installations remain better protected, and the risk of malfunctions is greatly reduced. By periodically replacing the filter bag, operation remains optimal and a long service life of the system is guaranteed.



stainless steel filter housings for optimal corrosion resistance



robust filter bags

powerful neodymium magnet rods

tripod for placement on the floor	
neodymium magnet bar	
length magnet bar [mm]	
max. number of magnets (>1 optional)	
eye bolt closure	
filter bag included (50 µm)	
material filter housing	
diameter filter housing [mm]	
height filter housing [mm]	
system connection	
max. capacity [m ³ /hour]	
max. work pressure [bar]	
max. temperature [°C.]	

SDF6	SDF12	SDF20	SDF36	SDF54
-			✓	
		1		
150	300		500	
1			4	
		✓		
		2		
stainless steel AISI 304 (EN 1.4301)				
114,3		195,0		200,0
359	514	559	954	980
2x 1½" f		2x 2" f		2x DN80
6	12	20	36	54
		10		
		120		