

## SFU / SFUP

### slibstream filters with pump

Corrosion occurs in many pipework systems found in cooling and heating installations. The same is also true of process water systems and in loop pipes, pumps, boilers and heat exchangers. Using SOTEX SDF part-flow filters can considerably improve the quality of the transported medium. More information on the SDF part-flow filters can be found in the relevant product sheet.

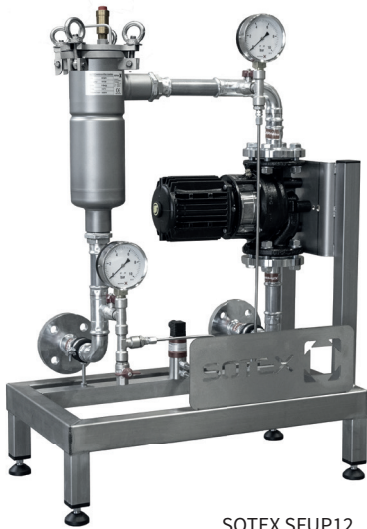
A pump is needed when installing a part-flow filter. SOTEX has selected a complementary centrifugal pump for each type of part-flow filter. To make things as easy as possible, SOTEX has the SFU series. This series of part-flow filters is supplied with connecting pipework from and to the pump, all of which is pre-assembled on a stainless steel tubular frame. The system is connected to the SFU installation by means of flange connections. The SFU is available in the capacities 2, 6, 12, 20, 36, 54, 72 and 108 m<sup>3</sup>/h.

The SOTEX SFUP is completely the same as the SOTEX SFU type, but characterized by an extra feature, a digital differential pressure sensor.

In the center of the unit you will find the pressure difference sensor which you still have to connect to your system. The DIN plug for connecting is included.



SOTEX SFU20



SOTEX SFUP12

including tripod	-
magnet bar 12"	✓
magnet bar 24"	-
max. no. of magnets (1 standard)	1
air vent(s) included	-
two pressure gauges	✓
drain valve	✓
eye bold locking lid	✓
complementary pump	Alpha
motor power [kW]	0.040
electr. connection (50 Hz) [VAC]	1-230
filter bag included (50 µm)	-
diameter filter [mm]	114
height filter [mm]	362
2x system connection	R 3/4" F
max. capacity [m <sup>3</sup> /uur]	2
system pressure [bar]	0.5 - 10
max. temperature [°C.]	90
Max. system content [m <sup>3</sup> ]	46
with s.s. tube frame [mm]	530
depth s.s. tube frame [mm]	460
height unit (± 50) [mm]	1,450

	SFU2	SFU6	SFU12	SFU20	SFU36	SFU54	SFU72	SFU108
including tripod	-	-	-	-	-	✓	-	-
magnet bar 12"	-	✓	-	-	-	-	-	-
magnet bar 24"	-	-	-	-	-	✓	-	-
max. no. of magnets (1 standard)	-	1	-	-	4	-	2x 4	-
air vent(s) included	-	-	-	-	✓	-	-	-
two pressure gauges	-	-	-	-	✓	-	-	-
drain valve	-	-	-	-	✓	-	-	-
eye bold locking lid	-	-	-	-	✓	-	-	-
complementary pump	Alpha	TP32	TP40	TP50	TP65	TP80	TP100	TP125
motor power [kW]	0.040	0.25	0.25	0.37	0.55	1.5	1.5	2.2
electr. connection (50 Hz) [VAC]	1-230	3-400 or 1-230			3-400			-
filter bag included (50 µm)	-	-	-	-	2	-	-	-
diameter filter [mm]	-	114	-	-	195	-	2x 195	-
height filter [mm]	-	362	518	590	980	-	2x 980	-
2x system connection	R 3/4" F	DN32 PN10	DN40 PN10	DN50 PN10	DN65 PN10	DN80 PN16	DN100 PN16	DN125 PN16
max. capacity [m <sup>3</sup> /uur]	2	6	12	20	36	54	72	108
system pressure [bar]	-	-	-	0.5 - 10				-
max. temperature [°C.]	90	-	-	120				-
Max. system content [m <sup>3</sup> ]	46	138	276	460	828	1,242	1,656	2,484
with s.s. tube frame [mm]	530	700	-	900	-	1,000	920	1,200
depth s.s. tube frame [mm]	460	400	-	700	-	1,000	920	1,100
height unit (± 50) [mm]	1,450	1,030	1,150	1,335	1,540	-	1,595	-

The medium comes into contact with the following materials: stainless steel 304 filter housing, galvanized piping (2 to 54), steel piping (72 to 108), cast iron (pump), brass-nickel / brass / stainless steel accessories and polyester filter bags.