



## Cleanomat Pro

automatic partial-flow filter unit

Corrosion occurs in many piping systems of cooling and heating installations. This also applies to process water systems and in loop pipes, pumps, boilers and heat exchangers. By using the SOTEX partial flow filter installations, you considerably improve the quality of the medium.

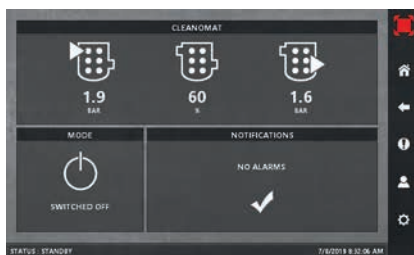
The most efficient and user-friendly version in the SOTEX partial flow water filtration program is the CleanoMat. The SDF filter is supplemented with a carefully selected centrifugal pump, switch panel with Siemens PLC and Touchscreen together with a robust pressure difference measurement with signaling when the filter bag is due for replacement. All this assembled on a stainless steel tube frame complete with piping. An extremely effective design to ensure that the partial flow filtration is fully automatic.

On the extremely user-friendly Touchscreen the pressure is displayed (before and after the filter housing) and the contamination degree in percent. Of course, the status with possible error messages and the program mode are also displayed. Continuous or time-controlled operation can be selected within the program mode, and the Cleanomat can also operate remotely if required.

The units are similar to the structure of the SFU (P) + series and are supplied in the following capacities: 6, 12, 20, 36, 54, 72 and 108 m<sup>3</sup> / hour.



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Example Touchscreen Cleanomat

The Cleanomat can be expanded with a communication module (eg Modbus TCP / Profinet) which allows integration of the Cleanomat in the industrial network (eg SCADA) of the end customer.

With Modbus TCP / Profinet, various variables of the Cleanomat can be read.

	Cleanomat 6	Cleanomat 12	Cleanomat 20	Cleanomat 36	Cleanomat 54	Cleanomat 72	Cleanomat 108
magnet bar	1	1	1	1	1	1	1
max. number of magnets (optional)	1	1	4	4	4	8	8
air vent(s) & drain valve included	✓	✓	✓	✓	✓	✓	✓
v-clamp filter lid	✓	✓	-	-	-	-	-
eye-bolt filter lid	-	-	✓	✓	✓	✓	✓
pump model	TP32	TP40	TP50	TP65	TP80	TP80	TP125
motor power [kW]	0,25	0,25	0,37	0,55	1,5	2,2	2,2
current (50 Hz) [VAC]			3x 400 (optional 1x 230)				
filter bag included (50 µm)			2				
diameter filter [mm]	114	114	195	195	195	2x 195	2x 195
height filter [mm]	362	518	590	980	980	2x 980	2x 980
system connection (2x) [DN]	32	40	50	65	80	80	125
max. capacity [m <sup>3</sup> /uur]	6	12	20	36	54	72	108
max. pressure [bar]		9			10		
max. temperature [°C.]				120			
width ss tube frame [mm]	700	700	900	900	1.000	1.000	1.200
depth ss tube frame [mm]	400	400	700	700	1.050	1.000	1.100
height ss tube frame (± 50) [mm]	1.030	1.150	1.335	1.540	1.595	1.650	1.650