

Technical Specifications

Filter size	/9 - 10A - /11	/20	/35	/40P
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General data

Max flow rate	120 m ³ /h 440 US gpm	140 m ³ /h 573 US gpm	280 m ³ /h 1100 US gpm	400 m ³ /h 1761 US gpm
Screen area	1500 cm ² 233 in ²	2200 cm ² 341 in ²	3300 cm ² 512 in ²	5400 cm ² 837 in ²
Filtration degrees	800 ÷ 50 µm			
Min working pressure	3 bar (43,5 psi)			
Max working pressure	10 bar (145 psi)			
Max working temperature	60°C (140°F)			
Salinity	< 10'000 ppm TDS			
Acidity	pH 3 ÷ 9			

Cleaning cycle

Min flux for cleaning cycle	14 m ³ /h 62 US gpm	18 m ³ /h 80 US gpm	18 m ³ /h 80 US gpm	25 m ³ /h 110 US gpm
Water for cleaning cycle (15 seconds)	60 L	75 L	75 L	105 L
Cleaning cycle time	20 - 45 s			
Drain valve	1" BSPP	1"½ BSPP	1"½ BSPP	1"½ BSPP
Flushing criteria	Differential pressure (0.8 bar), time intervals and manual operation			

Screen data

Screen types	REPS cartridge triple layer (stainless steel AISI 316)
Cartridge gaskets	EPDM

Control and electricity

Rated operation voltage	230 Vac 50/60Hz - Battery - Solar panel
Control voltage	9/12Vdc latch

Materials

Filter body	AISI 304 / AISI 316
Cover	AISI 304 / AISI 316
Screen	AISI 316
Gasket	EPDM
Surface finishing	Micro shot peening and passivation