

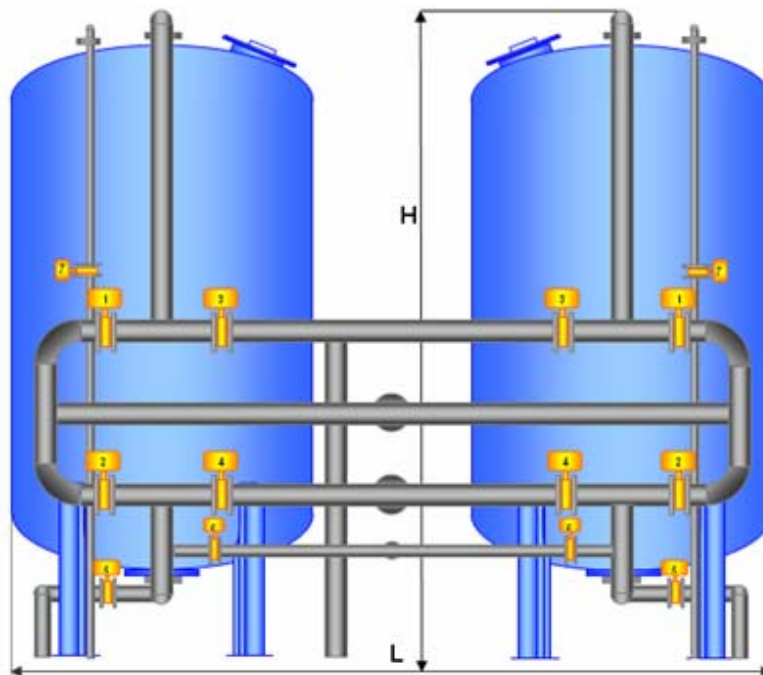


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Water Treatment Technologies



STANDARD TANDEM SAND FILTRATION UNIT



DIMENSION OF STANDARD TANDEM SAND FILTRATION UNIT (ESF1-SERIES)

Type	Flowrate (m ³ /h)			L mm	W mm	H mm	Connection DN	Weight kg
	10 m/h	15 m/h	20 m/h					
ESF1- 70	4	6	8	1.850	1.250	2.350	40	2.300
ESF1- 100	8	12	15	2.490	1.550	2.530	50	3.900
ESF1- 120	11	17	22	2.930	1.770	2.880	65	6.000
ESF1- 140	15	23	30	3.330	1.970	2.960	65	7.900
ESF1- 160	20	30	40	3.770	2.180	3.300	80	11.200
ESF1- 180	25	38	50	4.170	2.380	3.380	80	14.000
ESF1- 190	28	42	56	4.450	2.500	3.530	100	15.700
ESF1- 200	31	46	62	4.650	2.600	3.590	100	17.400
ESF1- 210	34	51	68	4.850	2.700	3.630	100	19.000
ESF1- 230	41	61	82	5.250	2.900	3.910	100	24.200
ESF1- 250	48	72	97	5.720	3.110	4.410	125	32.500
ESF1- 270	56	85	113	6.120	3.320	4.500	125	37.900
ESF1- 290	65	98	130	6.610	3.530	4.690	150	43.700
ESF1- 300	70	104	139	6.810	3.630	4.730	150	47.800
ESF1- 310	74	111	149	7.010	3.730	4.770	150	50.800
ESF1- 320	79	119	158	7.210	3.830	4.820	150	54.600
ESF1- 330	84	126	169	7.410	3.930	4.860	150	57.800
ESF1- 340	90	134	179	7.610	4.030	4.900	150	61.100
ESF1- 350	95	142	190	7.960	4.260	5.150	200	65.200
ESF1- 360	100	151	201	8.160	4.360	5.210	200	69.600
ESF1- 370	106	159	212	8.360	4.460	5.250	200	73.400
ESF1- 380	112	168	223	8.560	4.560	5.290	200	77.900
ESF1- 390	118	177	235	8.760	4.660	5.330	200	82.100
ESF1- 400	124	186	248	8.960	4.760	5.370	200	86.000

enki water technologies reserves the right to change the specifications referred to in this prospect at any time, without prior notice



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	STANDARD FEATURES	OPTION
Tank Construction	Welded carbon steel	Stainless steel, GRP
Design	ASME, AD-Merkblatter	
Pressure	6 bar, max.	PVC,PP, GRP, stainless steel piping
Temperature	4-45 °C	According to the requirements
Piping	Epoxy coated carbon steel	PVC,PP, GRP, stainless steel piping
Surface Protection	Inside and outside sand blasted and epoxy painted.	Hot dip galvanized
Valve	Manually butterfly valves	Pneumatically actuated butterfly Diaphragm valve, etc.
Nozzle	PP nozzles	Stainless steel, PVDF
Control Unit	Manually	With PLC unit
Other Optional Equipment		
<ul style="list-style-type: none">➤ Flow meter➤ Differential pressure switch➤ Blower➤ Backwash pump		