

FILTRATION

Rodas Filter 1600mm (Sand bed depth: 1.0m)

Description:

Fibreglass horizontal commercial sand filters 1600 mm diameter. Maximum operating temperature 50°C. Tested at 1.5 times maximum operating pressure. Equipped with pressure gauge panel, manual air, water purge and 400mm loading access. Internal components and pipe in PVC. Laterals 0.3 mm slots in PP. Bolts, nuts and washers in AISI-316. EPDM seals and gaskets.

Options:

Options for side opening placement. Vinylester internal lining for ozone treated pools. Sightglass 135mm and 400mm side manhole.

Ordering:

Refer to Options Page for options codes and pricing.

Warranty guide:

2 year full plus 8 year pro rate warranty on filter tank and 1 year full warranty on internal components, gauges, valve. Refer to instructions and website for full warranty details.

*EUROPEAN PIPE CONNECTIONS



Tanks - Maximum working pressure: 250 kPa (2.5 bar) - Test pressure 375 kPa

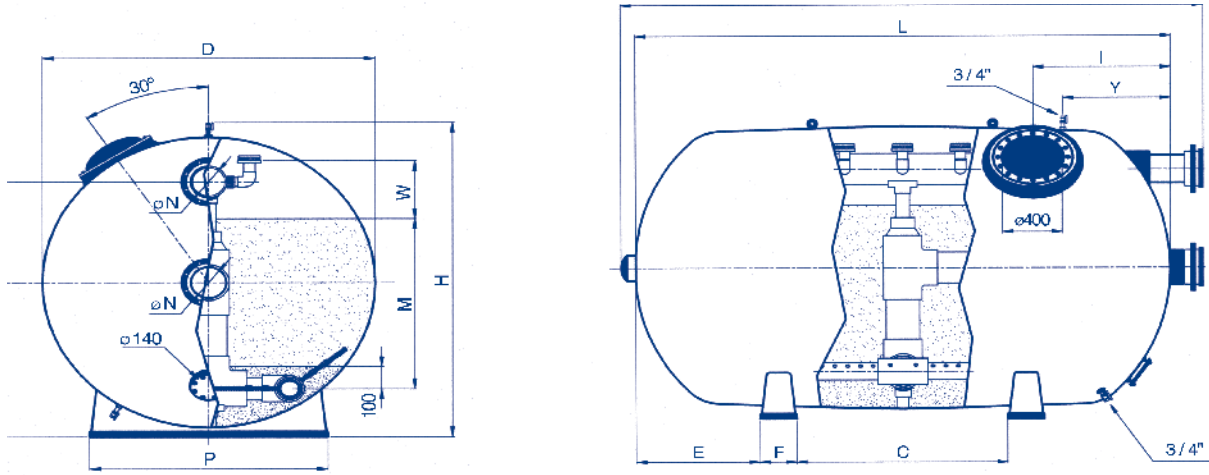
Model	Product Code	Velocity m3/h/m2	Flow Rate m3/hr	Connections
Rodas Filter Ø 1.600 - length 1.900	22662	20	49	100mm
Rodas Filter Ø 1.600 - length 1.900	22663	30	74	140mm*
Rodas Filter Ø 1.600 - length 1.900	22664	40	99	150mm
Rodas Filter Ø 1.600 - length 2.500	24866	20	67	140mm*
Rodas Filter Ø 1.600 - length 2.500	24867	30	101	150mm
Rodas Filter Ø 1.600 - length 2.500	24868	40	134	200mm*
Rodas Filter Ø 1.600 - length 3.000	22671	20	82	140mm*
Rodas Filter Ø 1.600 - length 3.000	22672	30	123	150mm
Rodas Filter Ø 1.600 - length 3.000	22673	40	164	200mm

Tanks - Maximum working pressure: 400 kPa (4.0 bar) - Test pressure 600 kPa

Model	Product Code	Velocity m3/h/m2	Flow Rate m3/hr	Connections
Rodas Filter Ø 1.600 - length 1.900	22694	20	49	100mm
Rodas Filter Ø 1.600 - length 1.900	22695	30	74	140mm*
Rodas Filter Ø 1.600 - length 1.900	20900	40	99	150mm
Rodas Filter Ø 1.600 - length 2.500	25040	20	67	140mm*
Rodas Filter Ø 1.600 - length 2.500	25041	30	101	150mm
Rodas Filter Ø 1.600 - length 2.500	24868	40	134	200mm*
Rodas Filter Ø 1.600 - length 3.000	22700	20	82	140mm*
Rodas Filter Ø 1.600 - length 3.000	22701	30	123	150mm
Rodas Filter Ø 1.600 - length 3.000	20903	40	164	200mm

FILTRATION

Rodas Filter 1400mm, 1600 & 1800mm



Length (mm)	Filtration Veloc - ity (m3/h/ m3)			Ø N (mm)	2.5 bar 4 bar		Flow m3/h	Filtra - tion area m2	Vol (l)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	H (mm)	I (mm)	P (mm)	T (mm)	W (mm)	Y (mm)	Total Ser - vice weight kg	Sand Charge Kg	
Diameter 1400mm - Height of filter bed 0.8m																					1-1.2mm	0.4- 0.8mm	
1900	20	110	DN100	24848	25022	45	2.23	2530	810	390	720	380	210	1600	890	1080	2160	220	1380	4250	575	2100	
	30	125	DN110	24849	2503	67																	
	40	140	DN125	24850	25024	89																	
2500	20	110	DN100	24854	25023	60	3.02	3460	810	390	1080	500	210	1600	890	1080	2780	220	1380	5740	800	2825	
	30	140	DN125	24855	25029	91																	
	40	160	DN150	24856	25030	121																	
3000	20	125	DN110	24860	25034	73	3.67	4230	810	390	1380	600	210	1600	890	1080	3320	220	1380	6990	1000	3450	
	30	160	DN150	24861	25035	110																	
	40	200	DN175	24862	25036	147																	
Diameter 1600mm - Height of filter bed 1m																							
1900	20	110	DN100	22662	22694	49	2.47	3220	925	475	470	475	240	1830	920	1230	2220	250	1380	5420	600	2850	
	30	140	DN125	22663	22695	74																	
	40	160	DN150	22664	20900	99																	
2500	20	140	DN125	24866	25040	67	3.36	4430	925	475	1020	500	240	1830	920	1230	2820	250	1380	7400	850	3875	
	30	160	DN150	24867	25041	101																	
	40	200	DN175	24868	25042	134																	
3000	20	140	DN125	22671	22700	82	4.1	5430	925	475	1320	600	240	1830	920	1230	3360	250	1380	9020	1050	4750	
	30	160	DN150	22672	22701	123																	
	40	200	DN175	22673	20903	164																	
Diameter 1800 mm - Height of filter bed 1 m																							
2500	20	125	DN110	24875	25049	75	3.74	5530	1040	550	1020	380	270	2050	920	1380	2820	350	1380	9170	975	4850	
	30	160	DN150	24876	25050	112																	
	40	200	DN175	24877	25051	150																	
3000	20	140	DN125	24881	25055	92	4.58	6800	1040	550	1320	460	270	2050	920	1380	3320	350	1380	11230	1225	5925	
	30	160	DN150	24882	25056	137																	
	40	200	DN175	24883	25057	183																	
3500	20	140	DN125	24887	25061	108	5.41	8070	1040	550	1620	550	270	2050	920	1380	3850	350	1380	13290	1475	7000	
	30	200	DN175	24888	25062	162																	
	40	225	DN200	24889	25063	216																	
4000	20	160	DN150	24893	25067	125	6.25	9340	1040	550	1920	540	270	2050	920	1380	4350	350	1380	15350	1700	8075	
	30	200	DN175	24894	25068	187																	
	40	225	DN200	24895	25069	250																	