

HORIZONTAL
FIBREGLASS
SAND
FILTERS ➡PRODUCT ➡
INFORMATION

Horizontal sand filters are made of polyester reinforced with fiberglass; they are totally anti-corrosive, and have high mechanical, chemical and thermal resistance. Higher quality water is achieved with their greater filtering capacity. Indexes of turbidity and contaminants of the filtered water are reduced due to their increased retention capacity. The time between backwashes increases proportionally with the height of the filter bed, meaning there are fewer interruptions in filtration, and lower water consumption, because the number of backwashes needed is decreased and there is less erosion of the filtering material.

A horizontal filter is the ideal choice in cases where a great volume of water is to be treated, and in cases which require optimization of the available space, as a single horizontal filter can substitute up to 3 vertical filters of the same diameter simply by increasing its length.

卧式商用过滤器是由加强型树脂和玻璃纤维制成：它有出色的硬度、耐磨性、耐热性和抗腐蚀。以更大的过滤容量滤出更优质的水。被过滤的水的混浊和污染指数会因过滤器的保留容量的增加而减少。反冲洗之间的时间因应过滤器床的高度而相应增加，即在过滤过程中间断的时间减少，用水量亦会降低，这是由于反冲洗所需的次数减少了，从而减少对过滤材料的腐蚀。

无论是需要过滤大水量的地方，还是空间有限的地方，卧式过滤器都是理想的选择，因为一个卧式过滤器只需简单地增加其长度便可达至3个同等直径的立式过滤器的效果。



- * Use Standard #20 Silica Sand, size range 0.4-0.8mm.
- ** Use Standard #10 Silica Sand, size range 1-2mm.
- ** Maximum Flow Rate.
- * 使用标准20目石英砂，砂粒规格为0.4-0.8mm。
- * 使用标准10目石英砂，砂粒规格为1-2mm。
- ** 最大流量。



Specifications

型号 Model	砂缸直径 Tank Diameter		砂缸高度 Tank Height		砂缸长度 Tank Length		设计流量 Flow Rate**		过滤面积 Filter Area		出入口口径 Connections		泳池体积 Pool Approximately		所需幼砂重 Required Sand		所需粗砂重 Required Gravel	
	mm	inches	mm	inches	mm	inches	m ³ /h	GPM	sq. mtr	sq. ft	mm	inches	cu. mtr	cu. ft	kg	lbs	kg	lbs
HI121900	1200	48	1390	55	1900	74	59	260	1.96	21	80	3	230-300	8100-10600	1100	2426	425	937
HI122300	1200	48	1390	55	2300	90	73	321	2.42	26	80	3	300-380	10600-13400	1425	3142	550	1213
HI122500	1200	48	1390	55	2500	98	79	348	2.65	29	80	3	380-430	13400-15200	1750	3859	700	1544
HI122700	1200	48	1390	55	2700	106	86	379	2.87	31	100	4	430-460	15200-16300	2075	4575	825	1819
HI123000	1200	48	1390	55	3000	118	96	423	3.21	35	100	4	460-510	16300-18000	2325	5127	925	2040
HI141900	1400	56	1600	64	1900	74	67	295	2.23	24	100	4	270-360	9500-13000	2100	4631	575	1268
HI142500	1400	56	1600	64	2500	98	91	400.5	3.02	33	100	4	360-480	13000-17000	2825	6229	800	1764
HI143000	1400	56	1600	64	3000	118	110	484	3.67	40	100	4	480-580	17000-20500	3450	7607	1000	2205
HI161900	1600	64	1830	72	1900	74	74	325.5	2.47	27	100	4	300-390	10600-13800	2850	6284	600	1323
HI162500	1600	64	1830	72	2500	98	101	445	3.36	36	100	4	390-540	13800-19000	3875	8544	850	1874
HI163000	1600	64	1830	72	3000	118	123	542	4.1	44	150	6	540-980	19000-34000	4750	10474	1050	2315
HI182500	1800	72	2050	81	2500	98	112	493	3.74	40	150	6	670-820	23600-29000	4850	10694	975	2150
HI183000	1800	72	2050	81	3000	118	137	603	4.58	49	150	6	820-1000	29000-35340	5925	13065	1225	2700
HI183500	1800	72	2050	81	3500	138	162	713	5.41	58	150	6	1000-1300	35340-46000	7000	15435	1475	3250
HI202500	2000	80	2220	87	2500	98	130	572	4.34	47	150	6	780-1000	27500-35340	6575	14498	1050	2315
HI203000	2000	80	2220	87	3000	118	159	700	5.3	57	150	6	1000-1300	35340-46000	8025	17695	1300	2867
HI203500	2000	80	2220	87	3500	138	187	823	6.25	67	150	6	1300-1500	46000-53000	9475	20892	1550	3418
HI204000	2000	80	2220	87	4000	158	216	951	7.21	78	200	8	1500-1800	53000-63600	10925	24090	1800	3969
HI204500	2000	80	2220	87	4500	177	245	1079	8.16	88	200	8	1800-2000	63600-70600	12375	27287	2075	4575

长度 Length	H	A	B	C	T	P
Ø 1200mm						
1900	1390	725	340	200	2050	900
2300	1390	725	340	200	2450	900
2500	1390	725	340	200	2650	900
2700	1390	725	340	200	2850	900
3000	1390	725	340	200	3150	900
Ø 1400mm						
1900	1600	810	400	210	2150	960
2500	1600	810	400	210	2650	960
3000	1600	810	400	210	3150	960
Ø 1600mm						
1900	1830	925	450	240	2100	1230
2500	1830	925	450	240	2700	1230
3000	1830	925	450	240	3200	1230
Ø 1800mm						
2500	2050	1040	550	240	2700	1380
3000	2050	1040	550	240	3200	1380
3500	2050	1040	550	240	3700	1380
Ø 2000mm						
2500	2220	1090	550	300	2730	1500
3000	2220	1090	550	300	3230	1500
3500	2220	1090	550	300	3730	1500
4000	2220	1090	550	300	4230	1500
4500	2220	1090	550	300	4730	1500

