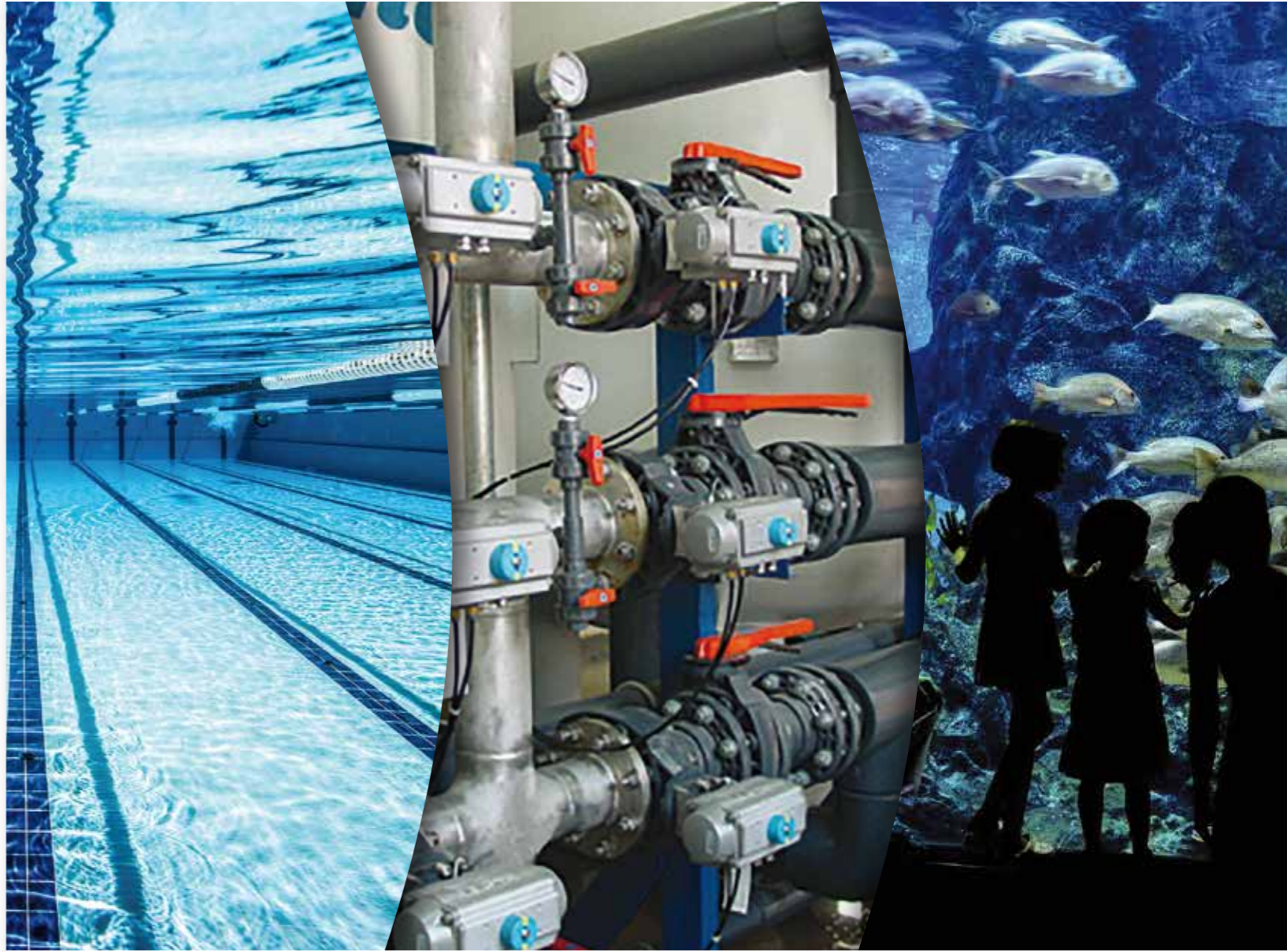


HIGH RATE HORIZONTAL SAND FILTERS

Reference	D	Effective Filtration area	Connections	Flow at 15 GPM /ft ²	Flow at 20 GPM /ft ²
11317	42"	15.7 ft ²	4"	235,5 GPM	314 GPM
11319	42"	21.0 ft ²	4"	315 GPM	420 GPM
11324	42"	26.0 ft ²	4"	390 GPM	520 GPM
11325	42"	26.0 ft ²	4"	390 GPM	520 GPM
11330	42"	30.0 ft ²	6"	450 GPM	600 GPM
20895	42"	34.0 ft ²	6"	510 GPM	680 GPM
34634	42"	38.0 ft ²	6"	570 GPM	760 GPM
34635	42"	42.0 ft ²	6"	630 GPM	840 GPM
34636	42"	45.0 ft ²	6"	675 GPM	900 GPM
34637	42"	48.0 ft ²	6"	720 GPM	960 GPM
20896	48"	24.0 ft ²	6"	360 GPM	480 GPM
20897	48"	29.0ft ²	6"	435 GPM	580 GPM
20898	48"	34.0 ft ²	6"	510 GPM	680 GPM
20899	48"	38.0 ft ²	6"	570 GPM	760 GPM
34638	48"	44.0 ft ²	6"	660 GPM	880 GPM
34639	48"	48.0 ft ²	6"	720 GPM	960 GPM
34640	48"	52.0 ft ²	6"	780 GPM	1040 GPM
34641	48"	56.0 ft ²	6"	840 GPM	1120 GPM
20900	63"	32.0 ft ²	6"	480 GPM	640 GPM
20901	63"	37.0 ft ²	6"	555 GPM	740 GPM
20902	63"	46.0 ft ²	8"	690 GPM	920 GPM
20903	63"	51.0 ft ²	8"	765 GPM	1020 GPM
34642	63"	57.0 ft ²	8"	855 GPM	1140 GPM
34643	63"	63.0 ft ²	8"	945 GPM	1260 GPM
34644	63"	68.0 ft ²	8"	1020 GPM	1360 GPM
7129	79"	53.0 ft ²	8"	795 GPM	1060 GPM
5110	79"	75.0 ft ²	8"	1125 GPM	1500 GPM



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COMMERCIAL SAND FILTERS

HIGH RATE VERTICAL SAND FILTERS

ASTER HIGH RATE SAND FILTERS

The AstralPool laminated FRP Aster filters has been thoughtfully designed to deliver advanced features to fit today's demanding commercial applications. Manufactured 100% non-corrosive thermoset composite structure with a smooth gel coat exterior surface marine grade finish providing a fresh new look for a many years. Patented pressure 9" lid-locking arrangement system without the traditional nut and bolt style that provides a tool-free access. Internals are constructed of PVC and 1" screwed laterals are constructed of polypropylene for long life slotted 360 degrees to provide full flow and complete backwash. Equipped with 2" sand drain plug, water drain with media screen, air relief plug and pressure gauge.

The filters are rated at 50 PSI working pressure and 75 PSI test pressure. Aster sand filters are NSF listed and meets standard 50 certification requirements



Model	D	Connections	H	Effective Filtration area	Design Filtration rate	Design Flow	Design Backwash rate	Design Backwash Flow
27802	30"	2"	39"	4,75 ft2	5-20 GPM/ft2	24 - 95 GPM	15 GPM/ft2	71 GPM
27857	36"	2"	41"	6,77 ft2	5-20 GPM/ft2	34 - 135 GPM	15 GPM/ft2	101 GPM
27803	36"	2 1/2"	41"	6,77 ft2	5-20 GPM/ft2	34 - 135 GPM	15 GPM/ft2	101 GPM



High Rate Sand Filters are constructed in Jacksonville, Fl. Filters have NSF standard 50 approval and are listed for pools and spa. Working pressure 50 PSI and test pressure 75 PSI. Includes pressure gauge, manual air relief valve, water drain manual valve, large sand discharge port, top man-way 16", PVC internal piping water distribution with removable ABS injection laterals slotted at 0.3 mm and 1 1/2 " threaded. Tank is made with filament winding FRP. Multiport valves, standard and customized manifold system available sold separately. Semi and fully automated systems available sold separately. Required silica sand media 0.45 - 0.55 mm grade 20 and 1-2 mm grade 20 support gravel NSF listed sold separately

Removable ABS injection laterals



SHORT VERTICAL SAND FILTERS

Reference	D	Effective Filtration area	Connections	Design Filtration rate	Design Flow	Design Backwash rate	Design Backwash Flow	H
06804	42"	9,26 ft2	2 1/2"	5-20 GPM/ft2	46 - 185 GPM	15 GPM/ft2	139 GPM	4' 2 1/2"
06805	47"	12,16 ft2	3"	5-20 GPM/ft2	61 -243 GPM	15 GPM/ft2	182 GPM	4' 6 5/8"

Reference	D	Effective Filtration area	Connections	Design Filtration rate	Flow at 15 GPM /ft2	Flow at 20 GPM /ft2	Backwash Flow at 15 GPM /ft2	H
06682	42"	9.26 ft2	3"	5-20 GPM/ft2	139 GPM	185 GPM	139 GPM	5' - 6 1/8"
06680	47"	12.16 ft2	3"	5-15 GPM/ft2	182 GPM	243 GPM	182 GPM	5' 11 2/8"
06683	47"	12.16 ft2	4"	5-20 GPM/ft2	182 GPM	243 GPM	182 GPM	5' - 9 5/8"
06681	55"	16.58 ft2	4"	5-20 GPM/ft2	249 GPM	332 GPM	249 GPM	5' - 9 5/8"
06632	63"	21.64 ft2	4"	5-20 GPM/ft2	325 GPM	433 GPM	325 GPM	6' 1 1/4"
06684	63"	21.64 ft2	6"	5-20 GPM/ft2	325 GPM	433 GPM	325 GPM	6' 1 1/4"
06633	71"	27.34 ft2	6"	5-20 GPM/ft2	410 GPM	547 GPM	410 GPM	6' 1 3/4"
06634	79"	33.80 ft2	6"	5-20 GPM/ft2	507 GPM	676 GPM	507 GPM	6' 9 1/4"
06686	86"	40.30 ft2	6"	5-20 GPM/ft2	604 GPM	806 GPM	604 GPM	7' 3 1/4"
06687	86"	40.30 ft2	8"	5-20 GPM/ft2	604 GPM	806 GPM	604 GPM	7' 3 1/4"
11821	93"	46.72 ft2	6"	5-20 GPM/ft2	701 GPM	934 GPM	701 GPM	8' 4 1/8"
11816	93"	46.72 ft2	8"	5-20 GPM/ft2	701 GPM	934 GPM	701 GPM	8' 4 1/8"