

TOP-MOUNT SAND FILTERS



EMAUX
Pool and Spa Systems.



ORIGINAL DESIGN | PATENT
S. 2003000001 | L. 2003000002

"V" Series Fiberglass Top-Mount Sand Filters

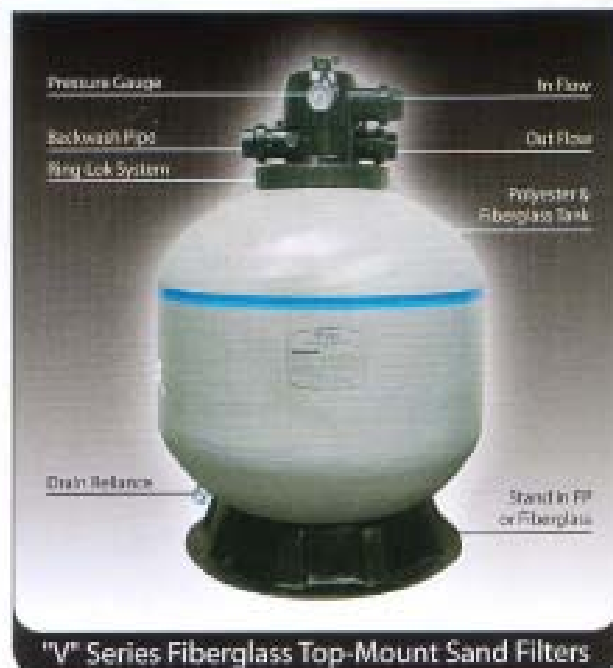
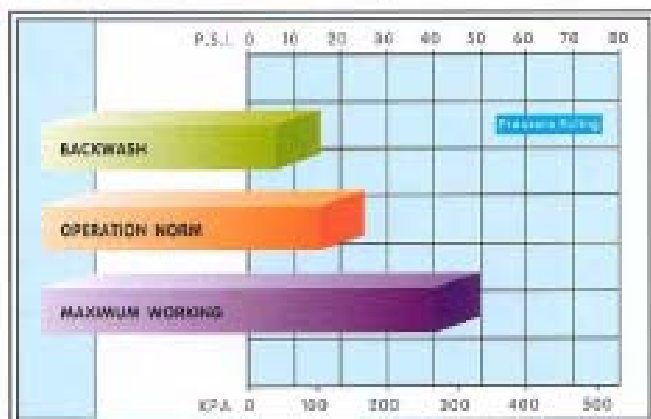
Sand filters are one of the most popular ways to filter water. They are simple, effective, and require very little attention. Pool water is routed through a sand-filled pressure vessel. The sand traps particles large and small, so small they are undetectable to the human eye. Over time, dirt accumulates in the space between the sand particles causing the pressure in the vessel to rise as water finds it harder to pass through. This signals you to "backwash" the filter. Simply reverse the water flow and "knock out" the dirt.

"EMAUX" Fiberglass Sand Filters are constructed by the latest engineering technology. The improvement of flow ability provides an extra pure water filtration. The Fiberglass winding design allows the filter to have extra strength and resistance to chemical and corrosives. With the new Ring-Lok multi-port valve system design, you will find services the most easiest.

"EMAUX" Fiberglass Sand Filters are the most recommendable equipment for the application of Swimming Pool and Spa.

MULTI-PORT VALVE (SIX POSITIONS)

- FILTER:** Normal filtration and vacuuming
- BACKWASH:** Cleaning filter by reversing the flow
- RINSE:** Use after backwash to flush dirt from valve
- WASTE:** By-pass filter, used for vacuuming to waste or lowering water level
- RECIRCULATE:** By-pass filter for circulating water to pool
- CLOSED:** Shuts off all flow to filter or pool



Standard features include:

- * This filter is manufactured with fiber-glass and polyester resin.
- * Totally anticorrosive.
- * Ring-Lok system with convenient union connectors between the filter and pump allow for easy serviceability.
- * Exclusive design laterals with Side-slotted to draws water evenly and higher flows, better filtration and longer cycles.
- * The filters production is by Computerized System controlled with specially designed machines to ensure flexibility reinforcing the Quality on each Stage of manufacture.
- * Top Mount 6 functions Multi-port valve features, pressure gauge and manual air relief valve for optimum filtration efficiency.
- * Fiberglass reinforced tank with UV resistant surface finish.
- * Internal surface of the tank is finished with water resistant resin.
- * Spherical tank with uniform wall thickness.
- * All sand filters come with Oil Pressure Gauge.
- * Resistant to salted water.

Working pressure 2.5 Kg/cm² – 37.5 PSI.
Testing pressure 3.75 Kg/cm² – 56.25 PSI.

- * Ten-Year Limited Tank Warranty.



TECHNICAL CHARACTERISTICS

Model No.	V400	V450	V500	V650	V700	V800	V900	V1000	V1100	V1200	V1400
Tank Dia. (mm/Inch)	400/16	450/18	525/21	625/25	710/28	800/32	900/36	1000/40	1120/44	1200/48	1400/56
Height (mm)	740	800	840	960	1025	1200	1300	1400	1480	1600	1850
Valve Port Size (mm/Inch)	40/1.5	40/1.5	40/1.5	40/1.5	40/1.5	50/2	50/2	50/2	50/2	50/2	50/2
Filter Area (m ²)	0.13	0.16	0.22	0.30	0.40	0.50	0.64	0.79	0.98	1.13	1.54
Silica Sand (kg)	30	40	85	155	185	210	310	410	460	560	900
Design Flow (m ³ /h)	6.30	7.98	11.52	16.20	19.20	25.20	30.00	33.00	37.80	42.00	57.00



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