

FILTRATION SYSTEMS



EMAUX
Pool and Spa Systems.



ISO9001 : 2000



CNAB No. Q18



APPEARANCE DESIGN PATENT

S: 2004/30042889.7 L: 2004/30042885.9

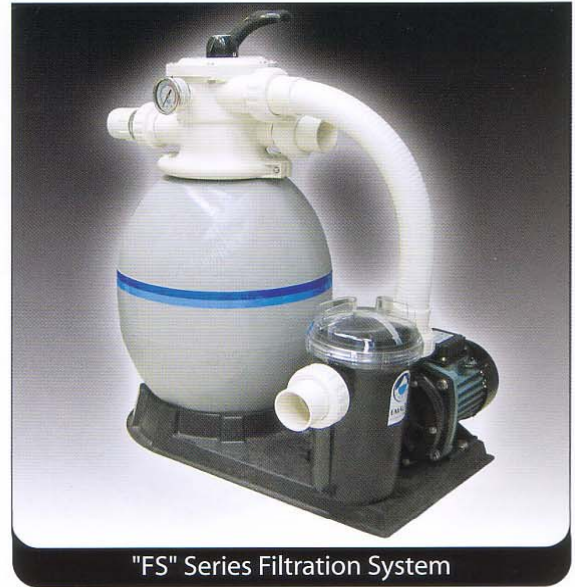
Sand filters are one of the most popular ways to filter water. They are simple, effective, and require very little attention. Pool water is routed through a sand-filled pressure vessel. The sand traps particles large and small, so small they are undetectable to the human eye. Over time, dirt accumulates 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" Filtration Systems are constructed by the latest engineering technology. Fiberglass reinforced tank with unequalled strength and durability. These systems equipped with Top-Mount filter and Centrifugal pump. With the new Ring-Lok multi-port valve system design, you will find services the most easiest.

"EMAUX" Filtration Systems are the most recommendable equipment for the application of Residential Swimming Pool and Fish Pond.

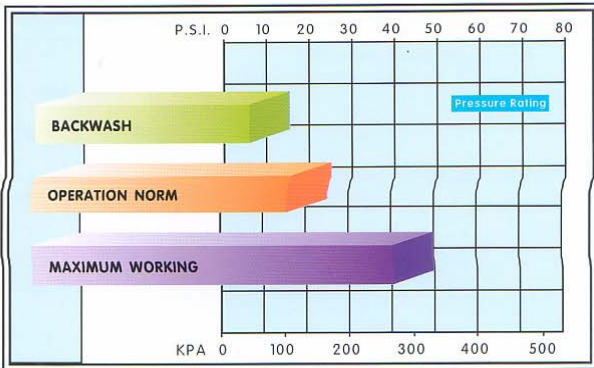
MULTI-PORT VALVE (SIX POSITIONS)

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



Standard features include:

- * 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.
- * Six-positions, Top-Mount Multi-port valve Ring-Lok style.
- * Extremely quiet operation.
- * Easy installation.
- * Combination water and sand drain makes servicing & winterizing fast and easy.
- * Filtration systems are equipped with dependable Dynamo pump.
- * Ten-Year Limited Tank Warranty.



TECHNICAL CHARACTERISTICS

| Model No. | FS400 | FS450 | FS500 | FS650 |
|---------------------------------|--------|--------|--------|--------|
| Tank Dia. (mm/inch) | 400/16 | 450/18 | 525/21 | 625/25 |
| Height (mm) | 740 | 800 | 840 | 960 |
| Valve Port Size (inch) | 1.5 | 1.5 | 1.5 | 1.5 |
| Filter Area (m ²) | 0.13 | 0.16 | 0.22 | 0.31 |
| Silica Sand (kg) | 30 | 40 | 85 | 155 |
| Design Flow (m ³ /h) | 6.30 | 7.98 | 11.52 | 16.20 |
| Matching Pump (HP) | 0.5 | 0.75 | 1 | 1.5 |
| Pump Power (kW) | 0.37 | 0.56 | 0.75 | 1.10 |



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