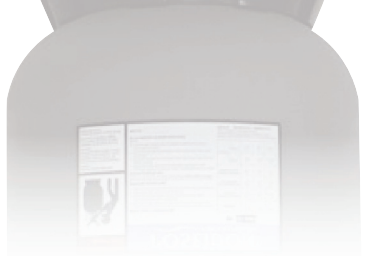


MF Series Sand Filter



POSEIDON hi rate sand filters offer outstanding performance and durability, and have been specifically designed for the filtration of water in swimming pools for Australian conditions.

- Using state of the art molding techniques and constructed with high-density polyethylene materials. The POSEIDON hi rate media sand filter easily meets the demands of modern day swimming pool designs.
- Other applications for this filter include irrigation, aquaculture and drinking water filtrations, as well as ponds and water features.
- 5 year warranty + 5 year pro rata warranty.
- Corrosion resistant thermoplastic construction suitable for all swimming pool dosing equipment types including salt water applications.
- Easy to install.

SPECIFICATIONS	MF 500 (19 INCH) (F/L 3090113)	MF600 (24 INCH) (F/L 3090114)
Maximum recommended flow rate	160 L/min	285 L/min
Maximum working pressure	350 kpa (3.5 bar)	350 kpa (3.5 bar)
Maximum recommended pool size	55 000 L	80 000 L
Vertical clearance	119.4cm (47 inches)	130.8cm (51.5 inches)
Horizontal clearance	94.0cm (37 inches)	100.3cm (39.5inches)
Sand requirements (Size 0.8 – 1.2mm) OR	79kg	102 kg
Zeo-Clor (Zeo-lite) (F/L 3090117) (Size 0.5- 1.0mm)	70Kg (5 bags)	85Kg (6 bags)

ZEO-CLOR PREMIUM SAND FILTER MEDIA

- Filters finer than sand - cleaner water.
- Reduces chemical usage - cost effective.
- Shorter backwash time - saves water.
- Pump operates at lower pressure - saves electricity.
- Long lasting - reduced maintenance cost.

MF Series Sand Filter

Trouble Shooting Guide

PROBLEM	POTENTIAL CAUSE	CORRECTION
Cloudy water	Insufficient filtration time or pool chemical balance	Ensure you are running the filter system for an adequate period of time. On average 8-10 hours per a day during summer period. Check water and adjust chemical balance
Poor water flow	Dirty filter Full skimmer box Full hair and lint basket Valve shut or blocked Old sand (or Zeo-Clor) Air leaking into system	Back wash or clean filter Clean skimmer box or debris Clean hair and lint basket Ensure valves are open and turn freely Replace sand (or Zeo-Clor) Check Pump lid is secure
Excessive pressure	Valve turned off or blockage in the Multiport valve Pump too powerful for filter size	Ensure valves are opened to correct position Check and adjust any suction type pool cleaner
Low operating pressure	Pressure gauge faulty or pump blocked with debris	Check that all barrel unions and pump lids are tightened Disassemble multiport valve and clean out debris. Check that the pump is compatible with filter size and flow Check and replace pressure gauge, disassemble pump and clear blockage