

# TOP MOUNTED SAND FILTER

MFH Sand Filter is a premium filtration solution designed for swimming pools, spas, and water parks. Constructed from high-quality fiberglass and resin with an anti-UV coating, this filter offers exceptional resistance to chemical corrosion and physical impact.



## Working Condition & Performance

- **Filtration Quality:** Produces crystal clear water with turbidity less than 2 degrees.
- **Water Distribution:** Unique design for uniform current stabilization and improved drainage.
- **Maintenance:** Easy to install, repair, and maintain.
- **Operational Ease:** Simple flushing function saves on additional maintenance costs.

## Materials & Construction

- **Body:** High-quality fiberglass and resin with UV-proof polyurethane coating.
- **Durability:** High chemical resistance and anti-UV performance.
- **Resilience:** Flexible surface that resists cracking or breaking from impacts.
- **Sand Management:** Bottom row valves allow for easy sand removal or replacement.

## Technical Features

- **Valve:** Ergonomic six-way valve with a seating design.
- **Monitoring:** Equipped with a pressure gauge for performance tracking.
- **Capability:** Excellent filtering power with anti-chemical corrosion properties.

## Applications

- **Versatility:** Ideal for swimming pools, spa pools, waterscapes, and water parks.
- **System:** Preferred filtration equipment for both residential and commercial use.

Model	Dia. Tank	MPV Size			Filter Area (m <sup>2</sup> )	Bed Depth (mm)	Silica Sand (kg)	Max Flow Rate		Designed Velocity (m <sup>2</sup> /hr/m <sup>2</sup> )	Backwash Flow Rate		Max Working Pressure (kpa)	Gross Weight
		Inch	mm (AUS)	mm (BU)				ipm	m <sup>3</sup> /h		ipm	m <sup>3</sup> /h		
MFH-400	400				0.13	435	35	105	6.3	48	252	15		11.5
MFH-500	500	1.5	40	50	0.20	805	80	167	10	50	400	24	370	14
MFH-600	600				0.30	875	160	250	15	50	600	36		19