

MGT Plastic Sand Filter Top Mount

Model Definition



Product Profile

- MGT ejector sand cylinder filter is made of engineering plastic with good chemical corrosion resistance, sun protection and UV protection. Sand cylinder has a certain degree of elasticity, not easy to crack and broken. The design of water distributor is unique and efficiency of culvert drainage system is high. After filtering the pool water through the sand tank filter. The effluent turbidity is less than 2 degrees which has the priority in the filtration system of swimming pool, SPA, water scape and water park.

Working Condition

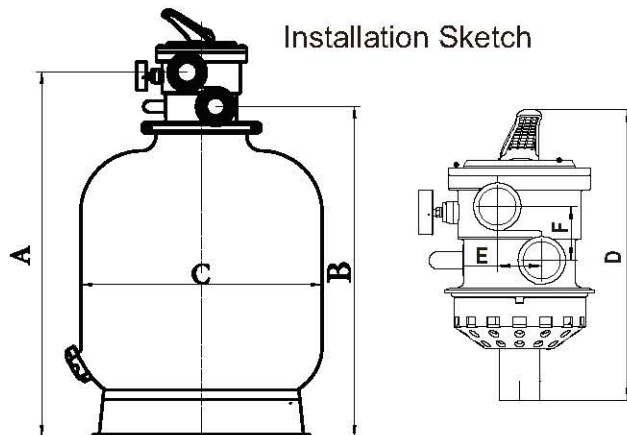
- Max Working Pressure: 250kpa/ 35psi/ 2.5bar
- Max Hydrostatic Pressure Capacity: 46psi / 3.2bar
- Max Water Temp: 40°C(104°F)
- Size Of Silica Sand: >0.5mm
- Max Filtration Velocity: 50m³/h/m²

Characteristics

- The cylinder body is made of plastic, and the surface is treated with uv protection
- Ergonomic design of six - way valve
- Stainless steel shockproof pressure gauge
- Built-in filter bottom tube, easy maintenance
- The bottom sand discharge valve facilitates the removal of goods to replace sand in the sand cylinder.



Installation Sketch



Performance Table

Model No.	A		B		C		D		E		F		Filter Area [m²]	Valve Connections	Max Flow Rate	Sand [KG]
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
MGT16	665	26.2	590	23.2	400	16	392	15.4	60	2.36	72	2.84	0.13	1.5inch 50mm	105LPM 6.3m³/h	35
MGT18	710	28.0	635	25.0	460	18	392	15.4	60	2.36	72	2.84	0.16	1.5inch 50mm	130LPM 7.8m³/h	45
MGT20	775	30.5	700	27.6	510	20	392	15.4	60	2.36	72	2.84	0.22	1.5inch 50mm	180LPM 10.8m³/h	85
MGT25	975	38.4	900	35.4	620	25	392	15.4	60	2.36	72	2.84	0.31	1.5inch 50mm	255LPM 15.3m³/h	145
MGT28	950	37.4	890	35.0	710	28	392	15.4	60	2.36	72	2.84	0.40	1.5inch 50mm	333LPM 20m³/h	220
MGT28-2	950	37.4	890	35.0	710	28	392	15.4	60	2.36	72	2.84	0.40	2.0inch 63mm	333LPM 20m³/h	220