



MicronPro

Superior Depth Filtration For All
Commercial And Industrial Application

MICRON TOP MOUNT FILTERS WITH ZEOPLUS

KEY BENEFITS

Dual Filtration

Benefit from dual filtration capabilities for enhanced water purity.

Removes Ammonia

Effectively eliminate ammonia from water sources, ensuring a cleaner and safer environment.

Easy Maintenance

Simplify maintenance with the user-friendly filter design.

Easy Cleaning

Effortlessly backwash and rinse for continuous, efficient filtration.

Superior Water Quality

Achieve unmatched water clarity with our premium filtration system.

APPLICATIONS

- Residential Water Filtration
- Municipal Water Treatment
- Industrial Water Treatment
- Groundwater Remediation
- Aquarium Filtration
- Cooling Tower Water Treatment
- Medical and Pharmaceutical Applications
- Point-of-Entry (POE) Water Treatment Systems
- Pre-Treatment in Reverse Osmosis Systems
- Water Dispensers and Coolers
- Refrigerator Water Filters
- Waste Water Treatment

FILTER SPECIFICATION

Pressure Rating

W & WD | 7.0 Bar

Connection

Union

Max. Temperature

50 °C

Standard Filtration Linear Velocity

36m³/hr/m²

Max. Backwash Linear Velocity

48m³/hr/m²

Features

- Multiport Valve Operation
- Automated Valve Available (Up to maximum of 10m³/hr)
- Deep Bed Filtration
- Hydraulically balanced "Fish Tail" or "Fish Bone" laterals for filtration and backwashing efficiency

TECHNICAL SPECIFICATION

MicronPro Model	Filter Model	Measurements				Media		Flow Rate (m ³ /hr)	
		Inner Dia.	Port Size	Filter Area	Bed Depth	Volume	Weight	Standard Filtration	Standard Backwash
		mm	mm	m ²	mm	L	kg		
MP400	W400	400	40	0.13	600	67	81	4.7	5.2
MP500	W500	500	40	0.20	600	105	127	7.2	8.0
MP600	W600	600	40	0.28	600	149	180	10.1	11.2
MP700	W700	700	40	0.38	600	204	247	13.7	15.2
MP900	W900	900	50	0.64	800	384	465	23.0	25.6
MP1050	W1050	1050	50	0.87	800	552	667	31.3	34.8
MPD300	WD300	300	40	0.07	1000	73	88	2.5	2.8
MPD400	WD400	400	40	0.13	1000	110	133	4.7	5.2
MPD500	WD500	500	40	0.20	1000	169	205	7.2	8.0
MPD600	WD600	600	40	0.28	1000	245	296	10.1	11.2
MPD700	WD700	700	40	0.38	1000	335	405	13.7	15.2

Recommendations:

- ≤ 20 m³/hr/m² | Low velocity, filter could be oversized.
- 21 - 36 m³/hr/m² | Standard velocity, lower velocity enhances filtrate performance.
- 37 - 40 m³/hr/m² | Slightly higher velocity, increased agitation within the media bed, suitable for backwashing.
- 41 - 48 m³/hr/m² | Very high velocity, approaching the maximum limit of a filter, media may be flushed out.

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