

Commercial Fibreglass Micron Horizontal Filters

Designed and built for high performance and reliability



Rainbow Pool Products

PO Box 2388, Mansfield Qld 4122

Telephone STD 61-7-3849 5385

Facsimile STD 61-7-3849 5384

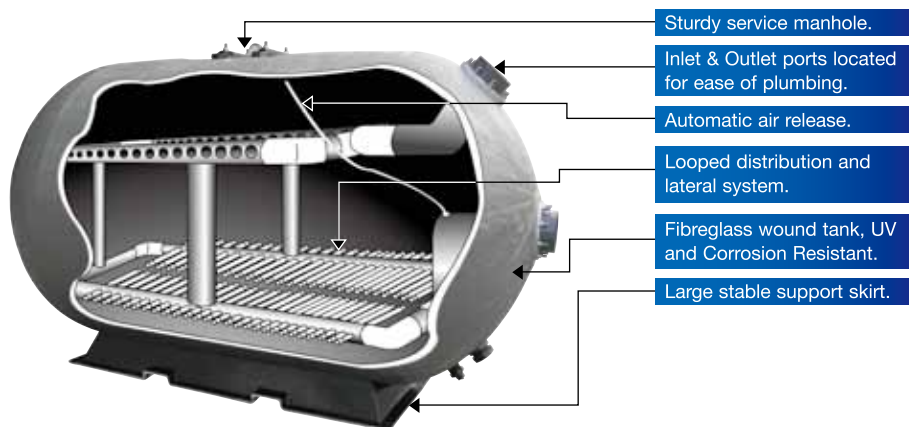
Email: info@rainbowpoolproducts.com.au

Web: www.rainbowpoolproducts.com.au

MICRON COMMERCIAL HORIZONTAL FILAMENT WOUND FILTERS

- (2.5 Bar). Higher pressure ratings are available on request.

Part Number	Product Description	Nominal Size
222900	M2500 - 100mm Connections	2.5m ²
222901	M3750 - 150mm Connections	3.75m ²
222902	M5000 - 150mm Connections	5.0m ²
2229025	M6500 - 200mm Connections	6.5m ²
22290300	MD8000 - 200mm Connections	8.0m ²
22290400	MD10000 - 250mm Connections	10.0m ²



Micron Horizontal Filters

The Micron Horizontal Filter is a space-saving high performer; its compact horizontal design allows installation with minimum waste of space. The shape of the Micron horizontal filter is both attractive and functional. The spherical ends are designed to give uniform flow from both inlet and outlet collection assemblies. Micron Horizontal filters are available with a 500mm (M) filter media bed and a 1200mm (MD) filter media bed.

Specifications - Micron Horizontal Filters

Filter Model	Valve Size	Bed Depth		Inner Diameter		Filter Area		Filtration Flow Rates		Backwash Flow Rates		Media Volume	Sand 16/30	ZeoPlus 1-2.2
	In	mm	In	mm	In	m²	feet²	30m³/hr/m²	36m³/hr/m²	40m³/hr/m²	50m³/hr/m²	litres	Kg	Kg
								m³/hr		m³/hr				
M2500	4.0	500	19.7	1480	582.5	2.50	26.91	75	90	100	125	1452	2120	1742
M3750	6.0	500	19.7	1485	584.5	3.75	40.36	113	135	150	187	2370	3460	2844
M5000	6.0	500	19.7	1486	584.9	5.00	53.82	150	180	200	250	3192	4660	3830

Dimension (mm)

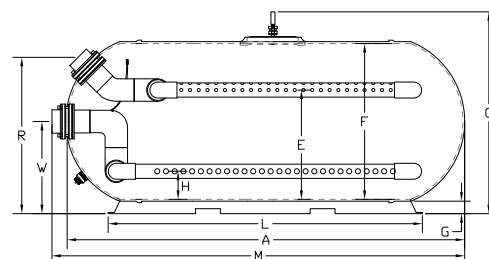
Model	A	B	C	W	R	L	E	F	G	H	M
M2500	2245	1260	1620	740	1300	1400	1005	1260	150	255	2327
M3750	3230	1265	1620	740	1300	2520	945	1260	150	275	3312
M5000	4220	1270	1620	740	1300	3570	945	1260	150	275	4301

Specifications - Micron Horizontal Deep Bed Filters

Filter Model		Bed Depth		Inner Diameter		Filter Area		Filtration Flow Rates		Backwash Flow Rates		Media Volume	Sand 16/30	ZeoPlus 1-2.2
	In	mm	In	mm	In	m²	feet²	30m³/hr/m²	36m³/hr/m²	40m³/hr/m²	50m³/hr/m²	litres	Kg	Kg
								m³/hr		m³/hr				
MD6500	8.0	1200	47.2	2260	889.5	6.50	69.97	195	234	260	325	7548	11020	9058
MD8000	8.0	1200	47.2	2260	889.5	8.00	86.11	240	288	320	400	9795	14300	11753
MD10000	10.0	1200	47.2	2260	889.5	10.00	107.64	300	360	400	500	12116	17690	14540

Dimension (mm)

Model	A	B	C	W	R	L	E	F	G	H	M
MD6500	3765	2000	2260	1120	2066	2405	1860	2000	230	240	3900
MD8000	4516	2000	2260	1120	2066	3155	1906	2000	230	306	4690
MD10000	5580	2000	2260	1120	2032	4055	1883	2000	230	283	5730



Looped distribution and lateral system

Waterco's looped lateral configuration ensures optimum water filtration and balanced fluidisation of the filter bed during backwashing. Its individual laterals are shortened while maintaining filter media bed coverage, reducing the friction head loss of each lateral, further improving the filter's hydraulic efficiency.

Micron Horizontal's looped lateral system reduces backwash run times, saves water and produces flatter more uniform filter media bed after backwashing.

Micron Horizontal's looped lateral system can be constructed to allow the introduction of air during backwashing.