

MicronPro

Superior Depth Filtration For All Commercial
And Industrial Application

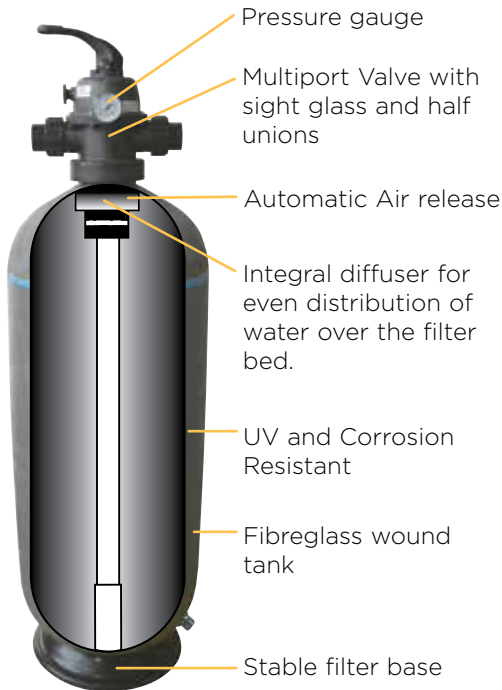


Benefits:

- Dual filtration
- Superior water clarity
- Easy backwash filter
- Easy maintenance

Deep Bed for Superior Filtration

W & WD filters are designed with filter depths of 600mm and 1000mm respectively, providing enhanced in depth filtration and increased dirt retention capacity.



Maximum working temperature of 50°C

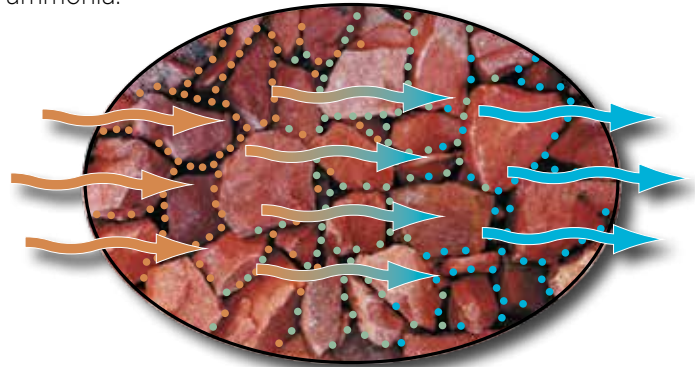
Dual Filtration

ZeoPlus provides excellent mechanical filtration of suspended particles. In addition to trapping the larger particulates between the grains of the ZeoPlus (similar to the filtration mechanism of sand), ZeoPlus is also capable of filtering the smaller particulates by catching them within its micro porous structure and surface irregularities.

It is this dual filtration action that helps ZeoPlus achieves superior water clarity.

Ammonia Removal

Ammonia is present when ammonium ions mix with chlorine, which results in forming chloramines. Chloramines then produces "chlorine" odour. To quickly and effectively remove the formation of chloramines, the enhanced properties of ZeoPlus media acts to reduce and remove ammonia.



Combining deep bed filtration with ZeoPlus media at a slower filtration rate, is particularly suitable for industrial water treatment plants to achieve superior clean water and ammonia removal.

ZeoPlus should be regenerated once it is saturated. Refer to the ZeoPlus brochure for more information on procedure.

ZeoPlus Physical and Chemical Characteristics

Property	Specification
Main Zeoplus Minerals	Mordenite and Clinoptilolite
Nominal Product Size	- 2.2 mm + 1.0 mm
Hardness (Moh Scale)	4.5 to 5.0
Particle Specific Gravity	2.2/2.3
Bulk Density	Around 1200 kg/m ³
Average Ammonia Exchange Capacity (meq/100g)*	- 146

Technical Specification

Model	Filter	Valve Size (mm)	Inner Dia. (mm)	Filter Area (m ²)	Bed Depth (mm)	Filtration Flow rate				Media Volume (litres)	ZeoPlus 0.6 - 1.2mm (kg)
						20m ³ /hr/m ²		36m ³ /hr/m ²			
						(lpm)	(m ³ /hr)	(lpm)	(m ³ /hr)		
MP400	W400	40	400	0.13	600	43	2.6	78	4.7	79	95
MP500	W500	40	500	0.20	600	67	4.0	120	7.2	123	148
MP600	W600	40	600	0.28	600	93	5.6	168	10.1	175	210
MP700	W700	40	700	0.38	600	127	7.6	228	13.7	240	288
MPD300	WD300	40	300	0.07	1000	23	1.4	42	2.5	86	103
MPD400	WD400	40	400	0.13	1000	43	2.6	78	4.7	129	155
MPD500	WD500	40	500	0.20	1000	67	4.0	120	7.2	199	239
MPD600	WD600	40	600	0.28	1000	93	5.6	168	10.1	288	346
MPD700	WD700	40	700	0.38	1000	127	7.6	228	13.7	394	473
MPD900	WD900	50	900	0.64	1000	213	12.8	384	23.0	692	830

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