

Micron W & WD Deep Bed Sand Filters



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Technologically Advanced Fibreglass Filters

Waterco Limited is at the forefront in the design and manufacture of fibreglass filters. Waterco fibreglass filters embody the latest in fibreglass winding technology. Waterco's computerised digitally controlled filament winding machine faultlessly winds continuous strands of fibreglass filament to create a filter vessel with refined consistency and superior quality.

The design and the manufacturing process utilising the most up-to-date filament winding machine, incorporation of non-metallic fittings plus reinforcing manhole openings with proprietary methods, is unique to Waterco.

Deep Bed Design

Micron W & WD Deep Bed filters are designed with filter depths of 600mm to 1000mm providing enhanced in-depth filtration and increased dirt capacity. Combining filter housing and various filter media, Micron Top Mount Deep Bed filters can be fitted in configurations to provide multi-stage comprehensive water conditioning.

Proven Durability

Waterco fibreglass filters are perfectly suited to the constant increases and decreases in pressure experienced by sand filters. Accelerated cyclic testing has shown that even after a simulated use of 20 years, Waterco fibreglass filters withstood cyclic wear and tear better than most other filters in their class.





sizes in mm

W Deep Bed Filters										
Model	A	B	C	D	E	F	G	H	V	K
W300	1335	315	301	200	1075	1215	1135	57	964	115
W350	1335	366	355	200	1075	1215	1135	63	980	90
W400	1340	416	355	200	1080	1220	1140	63	980	90
W500	1345	518	443	200	1085	1225	1145	69	985	91
W600	1345	620	540	200	1085	1225	1145	88	980	125
W700	1350	720	540	200	1090	1230	1150	88	973	124

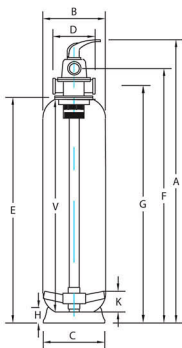
WD Deep Bed Filters										
Model	A	B	C	D	E	F	G	H	V	K
WD300	1913	315	301	200	1653	1784	1704	75	1553	115
WD350	1930	366	356	200	1670	1810	1730	63	1582	85
WD400	1930	416	356	200	1670	1810	1730	63	1580	90
WD500	1939	518	443	200	1679	1819	1739	69	1575	92
WD600	1930	620	540	200	1670	1810	1730	88	1570	100
WD700	1945	720	540	200	1685	1825	1745	88	1580	124
WD900	1980	918	678	220	1720	1860	1780	120	1578	170

Model No.	Filter Bed Depth (mm)	Filter Bed Area (m ²)	Rec. Max. Flow Rate* (lpm)	Min. Backwash (lpm)	Sand 16/30 (kg)	Filter Bed Volume (litre)	MPV Size (mm)
W300	600	0.07	44	41	75	53	40
W350	600	0.10	60	56	80	56	40
W400	600	0.13	78	73	100	70	40
W500	600	0.20	122	114	150	106	40
W600	600	0.28	175	164	225	158	40
W700	600	0.38	238	223	300	211	50

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WD300	1000	0.07	44	41	120	82	40
WD350	1000	0.10	60	56	135	95	40
WD400	1000	0.13	78	73	170	120	40
WD500	1000	0.20	122	114	265	187	40
WD600	1000	0.28	175	164	390	275	40
WD700	1000	0.38	238	223	525	370	50

All filters are able to sustain temperature of 50°C and have a max working pressure of 600kPa.

*Based on 36m³/hr/m²



Features

- ✓ Constructed from anti-corrosive, non-toxic and non-abrasive materials
- ✓ Engineered to withstand cyclic wear and tear.
- ✓ Hydraulically balanced laterals, ensuring symmetrical water distribution
- ✓ Suitable for an extensive range of freshwater and salt-water applications.
- ✓ Fitted with pressure gauge, manual air vent and manual water drain.

Warranty

Waterco is proud to show its ultimate confidence in its range of Micron fibreglass filters by offering a 5-year tank warranty.