



MULTI-MEDIA SAND FILTERS

PROBLEM:

Where it is necessary to treat all incoming water (point of entry - POE) in large volume for the removal of grit, sediment, turbidity and organic matter but also where there is a problem with oxidized iron ('rust') and other precipitated contaminants such as manganese or scale particles.

SOLUTION:

Multi-Media sand filters normally consist of three media layers (i.e. Support base gravel, micro screened sand and anthracite) and are a very economical means of primary filtration to remove the bulk of suspended solids. (They are particularly efficient on surface waters). Multi-Media filters are periodically backwashed (either automatically or manually) by simply reversing the flow and this flushes to waste the accumulated sediment and also re-grades the filter media layers.

SPECIFICATIONS

MODEL	TANK SIZE INCHES (D X H)	TYPICAL FLOW RATE (LITRES/MIN)	INLET/OUTLET (INCHES)	TOTAL MEDIA (KGS)
Small	7" x 35"	15	1"	18
Medium	9" x 35"	25	1"	22
Large	10" x 54"	50	1"	48
Jumbo	12" x 52"	70	1"	70

Minimum/Maximum Operating Pressure 140kPa (20psi) / 700 kPa (100 psi)

OPERATION AND MAINTENANCE:

Is extremely simple. After initial set-up, the system is virtually self sustaining. With the automatic head, back-flushing and clearing of trapped contaminants occur automatically, with the manual head this is done by hand with lever. Replace media approximately every three years.



Your Rep:



Nationwide Sales & Service
 Freephone 0800 426 426
www.aquafilterproducts.co.nz