

COMMERCIAL & INDUSTRIAL GLASS MEDIA SEDIMENT FILTERS



AUTOMATIC DEEP BED SEDIMENT FILTERS FOR REMOVAL OF DIRT, SILT, PRECIPITATED IRON & SOLID ORGANIC MATTER

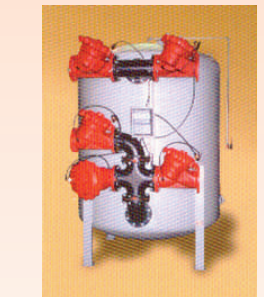
**FILTER VESSELS FROM
30CM TO 160CM DIAMETER**

PRIMARY FILTER BEFORE DISINFECTION TO REDUCE SEDIMENTS THAT CAN HARBOUR BACTERIA & CYSTS
FEATURE HIGH SIDEWALL MEDIA TANKS ALLOWING LARGE VOID SPACE FOR HIGH EFFICIENCY BACKWASHING.
2 LAYERS OF GLASS MEDIA FOR 5 MICRON FILTRATION. GLASS MEDIA DOES NOT SUPPORT BIOMASS FORMATION.

Incorporate 3-cycle valves with a 7 day electronic timer control that backwashes, purges, rinses and returns to service at selected intervals e.g. every day, every week. Control uses safe 12volt power from wall mount transformer supplied



PERFORMA



DIAPHRAGM (AQ)



153



MAGNUM (MG)

SINGLE TANK SYSTEMS

MODEL	TANK DIA. mm	INLET/OUTLET mm	**PEAK FLOW m ³ /hr	*SERVICE FLOW m ³ /hr	+ BACKWASH FLOW lpm
WTWFGM12A	305	25	5.6	2.4	33.0
WTWFGM13A	330	25	5.6	2.8	42.0
WTWFGM14A	355	25	5.6	3.3	50.0
WTWFGM16-153	405	40	13.6	4.2	56.0
WTWFGM21-153	508	40	13.6	6.9	100.0
WTWFGM24-153	610	40	13.6	9.6	126.0
WTWFGM24-MG	610	50	17.3	9.6	126.0
WTWFGM30-MG	760	50	17.3	15.0	204.0
WTWFGM36-AQ	915	50	69.0	21.6	295.0
WTWFGM42-AQ	1065	80	69.0	29.4	382.0
WTWFGM48-AQ	1220	80	180.0	38.4	500.0
WTWFGM54-AQ	1420	100	180.0	43.0	590.0
WTWFGM60-AQ	1600	100	180.0	65.0	885.0

DUPLEX (2) TANK SYSTEMS

WTWFGM12A	305	25	11.2	4.8	33.0
WTWFGM13A	330	25	11.2	5.6	42.0
WTWFGM14A	355	25	11.2	6.6	50.0
WTWFGM16-153	405	40	27.2	8.4	56.0
WTWFGM21-153	508	40	27.2	13.8	100.0
WTWFGM24-153	610	40	27.2	19.2	126.0
WTWFGM24-MG	610	50	34.6	19.2	126.0
WTWFGM30-MG	760	50	34.6	30.0	204.0
WTWFGM36-AQ	915	50	138.0	43.2	295.0
WTWFGM42-AQ	1065	80	138.0	58.8	382.0
WTWFGM48-AQ	1220	80	360.0	76.8	500.0
WTWFGM54-AQ	1420	100	360.0	86.0	590.0
WTWFGM60-AQ	1600	100	360.0	130.0	885.0

TRIPLEX (3) TANK SYSTEMS

WTWFGM12A	305	25	16.8	7.2	33.0
WTWFGM13A	330	25	16.8	8.4	42.0
WTWFGM14A	355	25	16.8	9.9	50.0
WTWFGM16-153	405	40	40.8	12.6	56.0
WTWFGM21-153	508	40	40.8	20.7	100.0
WTWFGM24-153	610	40	40.8	28.8	126.0
WTWFGM24-MG	610	50	51.9	28.8	126.0
WTWFGM30-MG	760	50	51.9	45.0	204.0
WTWFGM36-AQ	915	50	207.0	64.8	295.0
WTWFGM42-AQ	1065	80	207.0	88.2	382.0
WTWFGM48-AQ	1220	80	540.0	115.2	500.0
WTWFGM54-AQ	1420	100	540.0	129.0	590.0
WTWFGM60-AQ	1600	100	540.0	195.0	885.0

*Guide only, higher flow rates are achievable dependant on sediment loading ** Maximum flow through filter valve at approx. 105kpa pressure loss. +Backwash flow per filter. Min. backwash pressure required 175kpa. Max. inlet pressure 600 kpa with no water hammer. For open discharge (e.g. tank filling), use solenoid valve, diaphragm valve or NHWBP option to provide back-pressure when filter is backwashing.