

WATERTRAK

Pre-engineered Water Treatment Solutions

STANDARD FEATURES

- 100 PSI Fiberglass Reinforced Plastic (FRP) Tank
- Multimedia Bed (Anthracite, Sand & Garnet)
- Skid-Mounted Schedule 80 PVC Face Piping
- PVC Hub Radial/Header Lateral Internals
- Cast Iron Butterfly Valves with Nylon Coated Disc and EPDM Seat or Ball Valves
- Thermal Safety Valve
- Inlet/Outlet Pressure Gauges
- Flow transmitter on filter feed
- NEMA 4X FRP Local Control Box
- Allen Bradley PLC with Panel view 600 HMI

UPGRADE OPTIONS

- Carbon Steel Rubber Lined Tank
- Differential Pressure Switch
- Coagulant dosing unit
- Sodium Hypochlorite dosing unit
- Air Scouring
- Containerized option available



SEA WATER MEDIA FILTER

DESIGN FEED CONDITIONS

- Total Suspended Solids: 10 – 25 PPM
- Turbidity: 5 – 10 NTU
- Feed Water Inlet Pressure: 50 – 60 PSIG

APPLICATIONS

- Suspended Solids Reduction
- Particulate Removal

NOTE:

In case of open seawater intake a two stage filtration is recommended.

Aquatech WATERTRAK™ SMF Models

MODEL	SMF-42	SMF-55	SMF-71	SMF-93	SMF-118
Vessel Size (Dia. x SS):	3'6" x 6'	4'7" x 6'	5'11" x 6'	7'9" x 6'	9'10" x 6'
Vessel Size (Dia. x SS):	1066mm x 1828mm	1397mm x 1828mm	1803mm x 1828mm	2362mm x 1828mm	2997mm x 1828mm
Service Flow Rate (gpm):	50	95	143	238	380
Service Flow Rate (m ³ /h):	11.3	21.6	32.5	54.1	86.3
Backwash Flow Rate (gpm):	115	190	325	565	910
Backwash Flow Rate (m ³ /h):	26.1	43.2	73.8	128.4	206.8
Optional Air Scour Rate (SCFM):	19.2	33	55	94.3	151.8
Optional Air Scour Rate (m ³ /h):	32.6	56	93.4	160	258
Piping Size SEVI/BWI (inches):	3	4	6	6	8
Piping Size SEVI/BWI (mm):	76	102	152	152	203
Filter Media (m³)					
Anthracite:	0.393	0.705	1.161	1.985	3.225
Filter Sand:	0.218	0.391	0.645	1.102	1.791
Garnet:	0.043	0.078	0.129	0.220	0.358
Gravel:	0.325	0.538	0.863	2.279	3.199

