

# WATERTRAK

Pre-engineered Water Treatment Solutions

## STANDARD FEATURES

- 100 PSI Fiberglass Reinforced Plastic (FRP) Tank
- Calcite media for remineralization
- 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
- Acid dosing unit
- Containerized option available



## CALCITE MEDIA FILTER

### DESIGN FEED CONDITIONS

- Feed Water Inlet Pressure: 35 – 60 PSIG
- Sufficient CO<sub>2</sub> or acidity

### APPLICATIONS

- Remineralization



Aquatech International Corporation  
One Four Coins Drive, Canonsburg, PA 15317 USA  
724-746-5300 [www.aquatech.com](http://www.aquatech.com)

## Aquatech WATERTRAK™ Calcite Media Filter Models

MODEL	CMF-42	CMF-55	CMF-71	CMF-93	CMF-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 <sup>3</sup> /h):	11.3	21.6	32.5	54.1	86.3
Backwash Flow Rate (gpm):	115	190	325	565	910
Backwash Flow Rate (m <sup>3</sup> /h):	26.1	43.2	73.8	128.4	206.8
Piping Size SEVI/BWI (inches):	3	4	6	6	8
Piping Size SEVI/BWI (mm):	76	102	152	152	203
<b>Filter Media (m<sup>3</sup>)</b>					
Calcite:	0.654	1.174	1.935	3.307	5.374
Gravel:	0.325	0.538	0.863	2.279	3.199

