

## Trouble Shooting Guide

Symptoms	Possible Cause
<b>Backwash Frequency Increases</b>	A.) Change in water quality.
	B.) Increase in flow above design parameters.
	C.) Low media levels.
	D.) Backwash restrictor valve is shut.
	E.) Change in pressure.
	F.) Backwash flush time (duration) is too short.
	G.) Media is becoming hardened or crusted.
	H.) Inlet line pressure too low.
<b>High Pressure Differential</b>	A.) Change in water quality.
	B.) Low media levels.
	C.) Backwash restrictor valve shut.
	D.) Increase in flow.
	E.) Inlet Pressure too low.
	F.) Insufficient backwash frequency and/or duration.
	G.) Wrong media in filters.
	H.) Underdrain screens are blocked.
<b>Media Not Fluidizing During Backwash/Crusted</b>	A.) Insufficient backwash frequency or duration.
	B.) Reduced pressure.
	C.) Flocculating or coagulating agents preventing thorough media cleaning during backwash.
	D.) Restrictor valve is closed.
<b>Sluggish Valves</b>	A.) Low pressure causing valve to oscillate.
	B.) Dried out o-ring (lubricate).
	C.) Dirty "Y" strainer on inlet line.
<b>Leakage Out-Backwash Line</b>	A.) Bad valve seat or seal.
	B.) Valve not completely seated.
	C.) Bent backwash shaft.
	D.) Loose backwash shaft nut.
<b>Leakage Out of Actuator</b>	A.) Ruptured diaphragm.
	B.) Compression plate loose.



## Trouble Shooting Guide (Continued)

Symptoms	Possible Cause
<b>Filter Not Backwashing When Others In System Are</b>	A.) Solenoid valve defective.
	B.) Hydraulic poly tubing loose or disconnected.
	C.) Malfunction of backwash valve (disassemble/inspect).
	D.) Wiring on control panel loosened.
	E.) Defective control panel.
	F.) Solenoid valve improperly attached.
<b>Lamps Not Lighting During Test of Auto Backwash Control</b>	A.) Wiring in panel is loose or disconnected.
	B.) Incorrect voltage input.
	C.) Defective control panel - replace.
<b>Filter Will Not Stop Backwashing</b>	A.) Solenoid valve manual override button is set on "O" instead of "C".
	B.) Malfunction of backwash valve (disassemble/inspect).
	C.) Malfunction of control panel.



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Everfilt offers complete systems, and individual components to meet your demands. Providing solutions that deliver cost-effective alternatives, along with custom replacement options!

