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AHP-55 Backwashing Procedures

Please record the inlet pressure on the units at startup. This will help you understand whether your units are becoming clogged later on. Typical back pressure on the units is 1 to 15 psi at first, depending on length of discharge hose after the units and flow rate.

When flow thru the units is reduced and the pressure on the lead unit is higher than at start, reverse the inlet and outlet water hoses for a few moments and run the discharge water into a holding tank. If pressure drops quickly and muddy water is present, consider a full backwash of the unit.

To perform a full backwash of the unit, it is best to run clean water into the outlet of the unit to avoid fouling the internals and contaminating the clean side of the media. Run clean water through the discharge side of the filter and empty the water from the inlet into a separate holding tank. Once water runs clear, go back to normal running setup. Allow the holding tank to settle for a day or two and pump the clarified water back into the primary frac tank for treatment. Never run backwash water into another unit. That will only foul the second unit.

If the backwash procedure did not improve flow or lower pressure, it may be necessary to replace the media.