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INSTALLATION Instructions

**CAUTION: FOW Filters are designed to remove solids only.
They will not remove water or stop flow
in the presence of water.**

FOW SERIES CARTRIDGES

1. Stop the pump and close valves in inlet and outlet piping to isolate housing.
2. Open bottom drain valve(s) and top air vent to drain product from housing.
3. Open cover and inspect cover gasket. Replace gasket if it is damaged.
4. Remove spider and used cartridges.
5. Clean any foreign matter from the interior of the vessel.
6. Remove the new cartridges from their poly-bags - handle by endcaps only.
7. Gently push new cartridges into housing with a twisting motion so that the o-ring seal seats inside the outlet orifice. Push the cartridge in until the plastic shoulder is flush against the bulkhead of the housing. If the o-ring is dry, the o-ring end of the cartridge should be dipped into clean fuel before installation.
8. Reinstall the spider.
NOTE: The retaining spiders in most multi-cartridge housings do not insure that the cartridges are seated. Check each cartridge to insure that it is firmly seated against the bulkhead before securing the spider. Torque the spider only **HAND-TIGHT**. **DO NOT OVER-TORQUE** the spider.
9. Replace the cover and close the bottom drain valve(s).
10. Start the system pump.
11. **SLIGHTLY** open the inlet valve, allowing the housing to **SLOWLY** fill with fluid.
12. If the unit is equipped with a manual air vent valve, leave the valve cracked open until fluid flows from the opening; then close quickly. If equipped with an automatic air eliminator, the unit is filled when the eliminator stops flowing air.
13. When the vessel is filled with fluid, fully open the inlet valve and then **SLOWLY** open the outlet valve.

Cartridge Changeout Procedure

Velcon Recommended Cartridge Changeout
(Also refer to your company guidelines)

2 years or 25 psid, whichever occurs first
(recommended inspection after 1 year)