



# INSTALLATION INSTRUCTIONS

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**CAUTION: DO NOT USE WITH PRE-MIXED JET FUEL  
CONTAINING ANTI-ICING ADDITIVES  
(Di-EGME, FSII, Fizzy®, Prist®)**

## CDF® 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. Lubricate the o-ring end of each filter with clean fuel to help ensure a smooth, secure fit into the deckplate. 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 cartridge mounting plate or deckplate of the housing.
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 deckplate 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.
14. After changing cartridges circulate flow through vessel for at least 3 minutes. Return fuel to storage. Use millipores to check for fibers and also check hose end strainers. Remove any debris that may be present.

## OPERATING PROCEDURES

Please refer to Operating Procedures for Water Absorbing Cartridges,

Velcon PN 09-923, Form 1839

(Also refer to your company guidelines)

Due to continuing product improvement, drawings, specifications, and pictures  
are subject to change without notice. For information on recycling used filters, contact FILCare, 719-499-1379

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