



TRANSFER ADAPTER KIT INSTRUCTIONS

1. Insert Threaded Adapter into pump Impeller Housing.

* Make sure O-ring on Threaded Adapter presses firmly against Flow Plate inside of Impeller Housing. (Flow Plate is the circular plastic piece with hole in the middle.)

* Make sure to CENTER Threaded Adapter inside of Impeller Housing. Do not allow Threaded Adapter to touch sides of Impeller Housing. Failure to center Threaded Adapter can interfere with priming of pump and disrupt solution transfer.

2. Hand-tighten Filter Screws (thumbscrews) to secure Threaded Adapter.

* Double-check to make sure Threaded Adapter is centered inside Impeller Housing.

* Do not overtighten Filter Screws! Do not use tools! Just hand-tighten snugly!

3. Screw one Male Adapter into Threaded Adapter.

* Optional: For extra insurance against air leaks, apply Teflon tape to Male Adapter threads (and to all male threads on Transfer Adapter Kit).

4. Screw second Male Adapter into Bottom Strainer.

* Optional: Apply Teflon tape to male threads.

5. Insert one end of pipe into Male Adapter connected to Threaded Adapter. Insert other end of pipe into Male Adapter connected to Bottom Strainer.

* Place entire Transfer Adapter Kit (TA Kit) next to or inside tank to check required depth.

* If necessary, trim pipe length to satisfy tank depth.

6. Optional: After checking required length of pipe and trimming (if necessary), disassemble TA Kit and apply a couple drops of CPVC or PVC cement to slip joints. Allow to dry overnight.

* Using a small amount of cement will enable disassembly of pipe to accommodate other tanks with different depths.

7. Reassemble TA Kit and attach to Flo King pump.

8. Attach desired hose or pipe (not included with TA Kit) to pump Discharge Port.

9. Set pump with TA Kit on tank. You are now ready to transfer solution.

* Make sure solution level is above "Weep Hole" on pump body. Liquid must always be above Weep Hole before solution transfer can begin. This enables pump to prime properly.

10. Turn pump on.

* Once pump is turned on and transfer begins, pump will continue to remove solution from tank, even though liquid is no longer above Weep Hole.

* Do not turn off pump until desired solution is removed from tank or emergency arises. Pump will not "re-prime" if transfer operation is resumed with solution below Weep Hole.

* TA Kit will typically remove solution down to 1/4 to 1/2 inch (6 to 12 mm) from tank bottom, depending on tank size.

* Tip for Shallow Tanks: If pump with TA Kit is too long for a given tank, try this approach. Hold pump with attached TA Kit at an angle and immerse in tank. Once solution is above Weep Hole, turn pump on and slowly lift up pump as solution is being transferred until tank is empty.

Troubleshooting Tips

- If pump will not transfer solution, check to make sure that liquid level is above Weep Hole on pump body.
- If solution transfers until reaching Weep Hole and then stops, turn pump off and check for sludge or other debris on Bottom Strainer that could cause pump to lose prime.
- During normal operation, some solution should come out of Weep Hole on pump body. If not, this could be a sign that there is a restriction somewhere in the assembly.
- If solution transfers until reaching bottom of Impeller Housing and then stops, check alignment of Threaded Adapter. Make sure it is centered inside Impeller Housing. Also, apply tape to Male Adapter threads.
- If solution transfers until reaching Male Adapter attached to Bottom Strainer and then stops, this may indicate need to glue pipe and apply Teflon tape to pipe threads.

