

HYDROID

888-426-5644

QUICK START GUIDE



THIS QUICK START GUIDE PROVIDES THE STEPS FOR INITIAL SYSTEM FLUSH, TO BE COMPLETED PRIOR TO NORMAL OPERATION. THESE STEPS INCLUDE:

- FLUSH CARBON DUST FROM THE CARBON PRE-FILTER
- FLUSH MEMBRANES
- SET UP THE SYSTEM FOR NORMAL OPERATION

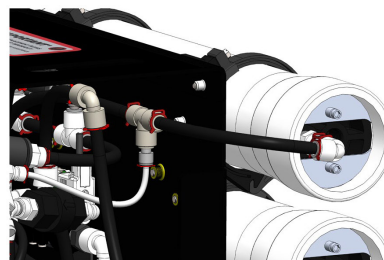
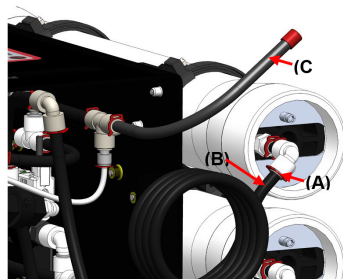
LEAVE THE SYSTEM UNPLUGGED FROM POWER UNTIL STEP 5

1. Remove dust caps and short tubes from all ports: PRODUCT (purified water - blue tubing), CONCENTRATE (drain - black tubing), and FEED (inlet - white tubing). Install the provided white tubing to FEED port for inlet water. Install a red clip (included in system parts bag) on FEED port to lock tubing in place. Install other end of white FEED line to tap/source water, or use included garden hose connector (included in system parts bag).



2. The open end of the pre-installed ½” black tubing labeled “Flush” (B) goes to a drain. Now you can begin to slowly turn on the water supply and flush the dust from the carbon filter, until water stream is clear (approx. 5 min).
3. Turn OFF the water supply and immediately turn it ON again, to create an aggitated flush effect in the carbon cartridge. Repeat this process 3 – 4 times or until there are no carbon fines in the water stream.
4. Install System Tubing for Normal Operation: Remove red clip (A), disconnect ½” black Flush tubing (B) and then push system tubing (C) into carbon filter port. Replace the red clip to lock system tubing to carbon filter, shown in the picture below. **For filter replacements, reverse this step.**

IMPORTANT: Keep black Flush tubing for future carbon filter flush procedures.



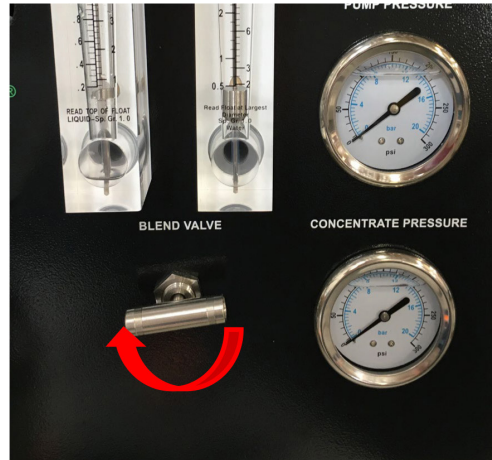
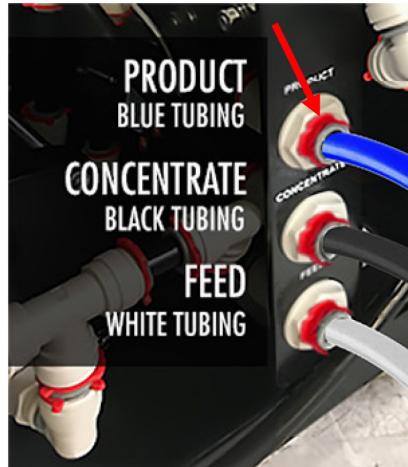
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5. Connect Provided Tubing: PRODUCT (purified water - blue tubing) and CONCENTRATE (drain - black tubing) to their ports; re-direct the open ends of both the PRODUCT (purified water - blue tubing) and CONCENTRATE (waste water - black tubing) to drain. Install the red clips included in systems parts bag. Fully close the blend valve by turning it clockwise.



6. Activate the system purge feature by pressing and holding the Power button on the controller for 5 seconds. The inlet valve will open and the system will flush continuously.
7. Let the system purge until no bubbles appear in CONCENTRATE (drain water - black tubing) flow meter (approx. 15 min).
8. When the Hydroid system has been purged of air, press the power button momentarily to turn off the purge feature. The Hydroid will turn off.
9. Inspect the system for leaks. If no leaks are apparent, the next step is to flush the Membrane Elements.
10. Turn system on and allow the system to run uninterrupted for at least 30 minutes to flush the Membrane Elements.
11. After 30 minutes, shut down the system and re-direct PRODUCT (purified water - blue tubing) to holding tank. Your system is now ready for normal operation.

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DO

- Change the carbon filter regularly (75,000 gallons)
- Monitor the system and keep a regular log (weekly)
- Run the system at least every 72 hours for one hour or more.
- Always feed the pump with filtered water.



DON'T

- Permit chlorine to enter the feed water (change carbon filter every 75,000 gallons).
- Shut down the system for extended periods (see manual page 22).
- Operate the system with insufficient feed flow or pressure.
- Operate the pump dry.



TO MAINTAIN PROPER PRESSURE, MAXIMUM HORIZONTAL TUBING DISTANCE TO TANK STORAGE IS 50FT. IMPORTANT! FOR EVERY 5FT VERTICAL HEIGHT, YOU NEED TO SHORTEN TUBING BY 10FT OF HORIZONTAL LENGTH. **EXAMPLE: IF TUBING NEEDS TO BE INSTALLED 10FT OFF THE GROUND, TOTAL HORIZONTAL LENGTH MAY NOT EXCEED 30FT. IF LENGTH EXCEEDS SPECIFICATIONS, PLEASE CONTACT HYDROLOGIC 888-426-5644.**



USING THE REVERSE OSMOSIS SYSTEM OPERATION LOG PROVIDED ON PAGE 24 OF THE USER MANUAL, RECORD YOUR SYSTEM'S READING DAILY FOR A WEEK. AFTER A WEEK, RECORD THE READINGS AT A MINIMUM OF ONCE A WEEK. IT IS SUGGESTED TO MAKE SEVERAL COPIES OF THIS SHEET FOR FUTURE USE BEFORE RECORDING INITIAL READINGS. KEEPING AN OPERATION LOG IS IMPORTANT TO TROUBLESHOOT POSSIBLE TECHNICAL ISSUES.



IF THE SYSTEM HAS AN ANTI-SCALANT FILTER (OPTIONAL **HL 11595**), AND IF THE PRODUCT WATER (PURIFIED WATER) IS USED AS POTABLE WATER, THE BLEND VALVE MUST REMAIN CLOSED. THIS IS TO AVOID INGESTION OF ANY CHEMICALS.