

# Options:

A wide variety of options and accessories available. Inquire at your dealer or visit [www.hydrologicsystems.com](http://www.hydrologicsystems.com) for more information.



### Pre-Evolution™

Adds 2 extra stages of pre-filtration. Pleated, cleanable sediment filter and KDF85/55 Catalytic carbon filter.

*Recommended when using more than 150 gallons per week average.*

HL#31027



### High-Flow De-Ionization Post Filter

Delivers 000 PPM water. Removes last bit of Total Dissolved Solids.

HL#33006

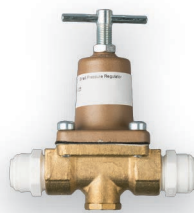


### Float Valve - 3/8"

Fill any tank or reservoir unattended. Adjustable water level.

**NEVER FLOOD YOUR GARDEN AGAIN!**

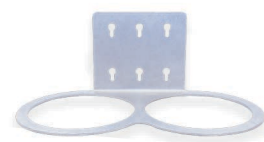
HL#27020



### Pressure Regulator 1/2"

For inlet pressure over 80 psi. Reduces excess pressure to be within the operating parameters of the Evolution-RO1000. Adjustable psi.

HL#26020



### Wall Mount Bracket

Stainless steel, heavy duty. Customized for the Evolution-RO1000.

HL#10057



### Booster Pump

Necessary for low inlet pressure situations. Heavy duty, commercial booster pump designed for continuous use. Includes integrated low pressure and high pressure switches. Boosts pressure to optimal performance level.

HL#29014



### Flowmaster - 3/8"

Gallon meter and filter capacity monitor. Indicates when to change your pre-filter(s).

HL#19020



### TDS Pro Monitor

Measure PPM of dirty water going in and pure water going out. Monitors performance of your membranes.

HL#28010



### UV Sterilizer Kit

Kills 100% of all bacteria and viruses. Ensures the safest water.

HL#35010



### Leak Detector & Shut Off Valve - 1/2"

If there is a leak anywhere in the system and water reaches the pad on the bottom of the leak protector the valve shuts off all incoming water preventing further damage from the leak.

HL#28002



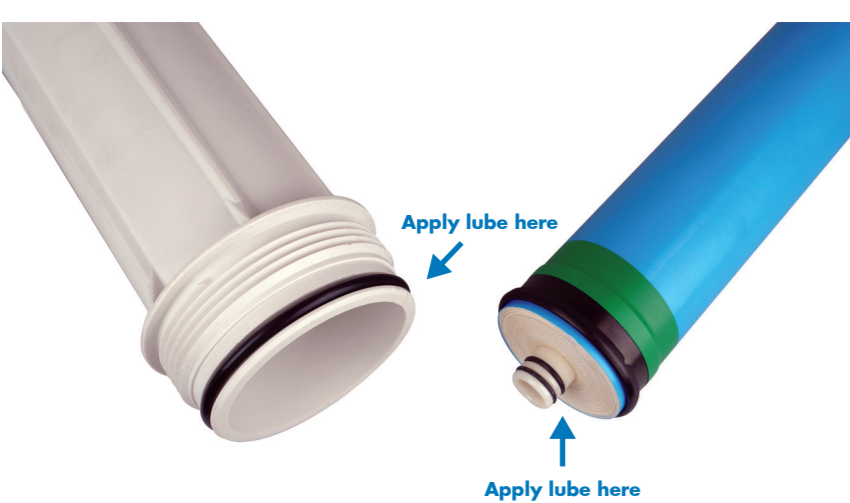
**EvolutionRO<sup>1000</sup>**  
High-Flow Reverse Osmosis System

## Quick Start Guide



### Included Components:

1. 3 filter housings with o-rings
2. Manifold
3. Support leg/housing wrench
4. KDF/Carbon Pre-Filter
5. 2 Reverse Osmosis membranes
6. 6 feet of inlet tubing - 1/2" white
7. 10 feet of pure water tubing - 3/8" blue
8. 10 feet of waste water tubing - 3/8" black
9. Pressure gauge assembly - liquid filled
10. Inline shut off valve - 3/8"
11. 6 packets of silicone lube
12. 4 membrane o-rings
13. Garden hose inlet fitting - 1/2"
14. 4 elbow connector fittings
15. Lock bar for elbow connector fittings
16. Large manual (not pictured)
17. Quick Start guide (you are reading it)
18. Orange 1:1 ratio elbow connector fitting



**STEP 1:**

Put a thin layer of lube on o-rings of 3 housings and both o-rings on 2 membranes.



**STEP 2:**

Install carbon pre-filter. The pre-filter can only be installed in the manifold in the position shown. The other two openings in the manifold are for the membranes.



**STEP 3:**

Use the support leg as a filter housing wrench to tighten down the housing. Once the housing is hand-tight, crank down one quarter turn with the wrench. There's no need for the flange on the bottom of the housing to come in contact with the flange on the manifold.



**STEP 4:**

Install RO membranes. Carefully push the first membrane into the position shown. Push it straight down into the hole of the manifold until both o-rings are seated in the hole. Do not rock membrane back and forth to install. Install housing over membrane.

**Repeat this step for second membrane.**



**STEP 5:**

Lube the o-rings on each of the 3 elbow connector fittings\* and push them into the corresponding ports on the manifold. The back of each elbow connector fitting has a symbol that corresponds to the symbol next to the manifold ports.

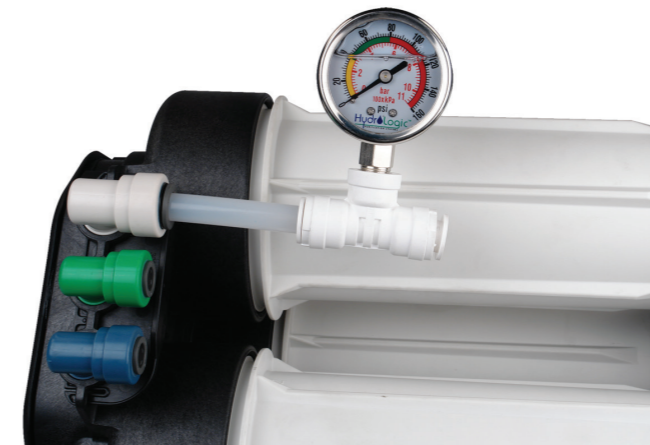
**STEP 6:**

Install the pressure gauge assembly. Push short length of tubing into the left side gauge. Push the other end of the tubing into the white 1/2" QC elbow feed fitting\*.



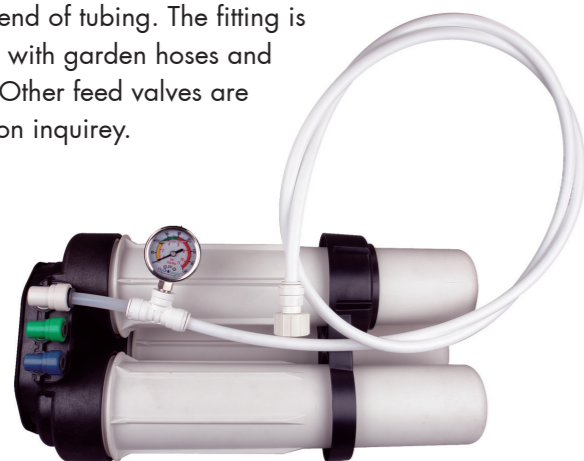
**STEP 7:**

Install the pressure gauge assembly. Push short length of tubing into the left side of the gauge. Push the other end of the tubing in to the elbow connector fitting\*.



**STEP 9:**

Install 1/2" white inlet tubing. Push tubing into pressure gauge fitting. Push garden hose inlet fitting onto other end of tubing. The fitting is compatible with garden hoses and hose bibs. Other feed valves are available, on inquiry.



**STEP 10:**

Install blue 3/8" purified water tubing and 3/8" black waste water tubing into corresponding elbow connector fittings as shown. The 3/8" inline shut-off valve should only be installed on blue purified water line to shut system off/on.



**NEVER install the shut-off valve on the black waste water line!** This has to be able to drain waste water freely and without obstruction.

**NOTES:**

The black drain line must be unrestricted. Under normal parameters, the system is designed to drain at a ratio of 2 parts drain to 1 part product water (using green elbow fitting). \*For 1:1 ratio, use orange elbow fitting instead of green.



The optional **drain saddle** (shown above) is an alternative way to run your drain line. You can also be creative in using the drain water, i.e. landscape drip systems, refilling household storage tanks, etc.

**Flush the system for 1 hour before using product water. Always take your product water PPM readings after 5 minutes of running the system once it has sat idle for several hours.**

**STEP 8:**

Install the support leg as shown.



**CONGRATULATIONS!**

The Evolution-RO1000® should now be producing pure water at fast flow rates.

For further assistance or more detailed information please refer to the main instruction manual.

**For all return, warranty, and repair issues please DO NOT contact your dealer.** Contact Hydro-Logic directly at: 888-426-5644 or [www.hydrologicsystems.com](http://www.hydrologicsystems.com).



▶ See back page for options and accessories.