

Options:

A large choice of options and accessories available. Inquire at your dealer or visit 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.



High-Flow De-Ionization Post Filter :

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



Float Valve :

Fill any tank or reservoir unattended – **NEVER FLOOD YOUR GARDEN AGAIN!**



Electronic Shut-off Kit :

Includes solenoid valve and electronic float switch for precise control of water level in reservoir or tank.



Booster Pump :

For low inlet pressure under 40 psi. Boosts pressure to 60+ psi, giving faster flow rates of pure water.



Flowmaster :

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



TDS Monitor :

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



UV Sterilizer Kit :

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



EvolutionRO¹⁰⁰⁰TM
High-Flow Reverse Osmosis System

QuickStart 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. 3 elbow connector fittings
15. Lock bar for elbow connector fittings
16. Large manual
17. Quick-Start guide



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 until it bottoms out. The flange on the bottom of the housing should come in contact with the flange on the manifold. Do not tighten past this point.



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 elbow connector lock bar by pushing it into each of the two slots. Make sure the end with the arrow symbol goes in the upper slot. Pull on the lock bar to make sure you have properly installed it.



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 8:

Install the support leg as shown.



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 connection fittings are available.*



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 restrictions.

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. The optional **drain saddle** (shown right) is a clean 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.

CONGRATULATIONS!

The EvolutionRO1000™ 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.



▶ See back page for options and accessories.