

PreEvolution™



USER MANUAL

The PreEvolution is a high capacity pre-filtration unit designed to be installed in-line before the Evolution-RO to ensure that your Evolution-RO runs more efficiently, has longer membrane life and cuts down on maintenance. The combination of KDF 85/55 media along with catalytic carbon in the PreEvolution's carbon filter reduces chlorine, iron, sulfur, and heavy metals. If full chloramine filtration is needed, please use ChloraShield replacement filter (**HL 22020**) to ensure 100% chloramine removal. The PreEvolution's sediment filter is pleated and can be cleaned periodically with a garden hose or your faucet. The PreEvolution is highly recommended when producing more than 300 gallons of purified Reverse Osmosis water per week.

Installation:

The Evolution-RO system includes a length of ½" OD tubing and a garden hose adapter that you hook up to your source (tap) water. The ½" OD tubing then installs to the "inlet" side of the PreEvolution. Next, install another section of ½" OD tubing into the "outlet" side of the system, and point the end to a drain. **Flush the Pre-Evo for 3-5 minutes before hooking it up to your Evolution-RO.** The short length of ½" OD tubing included with the PreEvolution installs between the "outlet" side of the PreEvolution and the white "inlet" tee with gauge of the Evolution-RO. Turn the "inlet" source (tap) water on slowly at first until water starts running out the Evolution-RO and then it is safe to open up the source water all the way. **NOTE: if you are running a booster pump, the pump needs to be installed between the PreEvolution and the Evolution-RO.**

Maintenance:

The pleated sediment filter can be cleaned with a garden hose or under your faucet as often as you like, or as needed. It is recommended to replace it every 6 months depending on how dirty your water is, or when you replace the carbon filter.

The carbon filter (**HL 22096**) is rated for 7,500 gallons of product water (reverse osmosis) from the Evolution-RO. Keep track of how much purified water the Evolution-RO produces to keep up with the replacement of the carbon filter or purchase the optional Flowmaster (**HL 19020**) gallon meter and filter capacity monitor to alert you to when you have reached the 7,500 gallon capacity of the carbon filter. When you change the carbon filter in the PreEvolution you also need to change the carbon filter (**HL 22019**) for the Evolution-RO. It is also recommended to change the sediment filter (**HL 22097**) in the PreEvolution at this time.

Description	Part Number	Replacement Schedule
PreEvolution Sediment Filter	HL 22097	Clean regularly—Change Bi-annually
PreEvolution KDF85/55 Granulated Catalytic Carbon Filter	HL 22096	7,500 Gallons
Chlorashield Upgrade Filter	HL 22020	7,500 Gallons

*PreEvolution filter housings should be replaced, every three years.

If you have any questions with set-up or maintenance please contact us at:

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