



PRE-EVOLUTION USER MANUAL



The Pre-Evolution is a high capacity pre-filtration unit designed to go before the Evolution-RO1000 to ensure that your Evolution-RO1000 runs more efficiently, has longer membrane life and cuts down on maintenance. The combination of KDF85 and KDF55 media along with catalytic carbon in the Pre-Evolution's carbon filter reduces chloramines, chlorine, iron, sulfur, and heavy metals. The Pre-Evolution's sediment filter is pleated and can be cleaned periodically with a garden hose or your faucet. The Pre-Evolution is highly recommended when producing more than 150 gallon of purified Reverse Osmosis water per week.

Installation:

The Evolution-RO1000 includes a length of 1/2" tubing and a garden hose adapter that you should hook up to your source (tap) water. The 1/2" tubing then installs to the "inlet" side of the Pre-Evolution. The short length of 1/2" tubing included with the Pre-Evolution installs between the "outlet" side of the Pre-Evolution and the white inlet elbow of the Evolution-RO1000. Turn the source (tap) water on slowly at first until water starts running out the Evolution-RO1000 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 Pre-Evolution and the Evolution-RO1000.

Maintenance:

The red buttons on top of the canisters are pressure relief ports. Once you turn off the feed water you should press these to relieve the pressure inside the canisters and make it easier to unscrew the housings. The pleated sediment filter can be cleaned with a garden hose or under your faucet as often you like. It is recommended to replace it every 6-12 months depending on how dirty your water is.

The carbon filter is rated for 7,500 of product water (reverse osmosis) from the Evolution-RO1000. Keep track of how much purified water the Evolution-RO1000 produces to keep up with the replacement of the carbon filter or purchase the optional Flowmaster 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 Pre-Evolution you also need to change the carbon filter in the Evolution-RO1000. It is also recommended to change the sediment filter in the Pre-Evolution at this time.

If you have any questions with setup or maintenance please contact us direct at: 888-426-5644 or info@hydrologicsystems.com

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