

# De-Ionization Add On Kit for EvolutionRO<sup>1000</sup>™ & MERLIN Garden Pro<sup>™</sup>

*High-Flow Reverse Osmosis System*      *High-Flow Reverse Osmosis System*



This de-ionization filter is designed to serve as a post, polishing stage for any Reverse Osmosis system. After an RO system the product water may contain trace amounts of nitrates, phosphates, and silicates as well other total dissolved solids (TDS). Certain applications such as aquarium, medical, manufacturing and others require 99.99% ultra pure, 0 PPM water. This DI filter will remove any leftover contaminants giving you the purest H<sub>2</sub>O available.

## Instructions

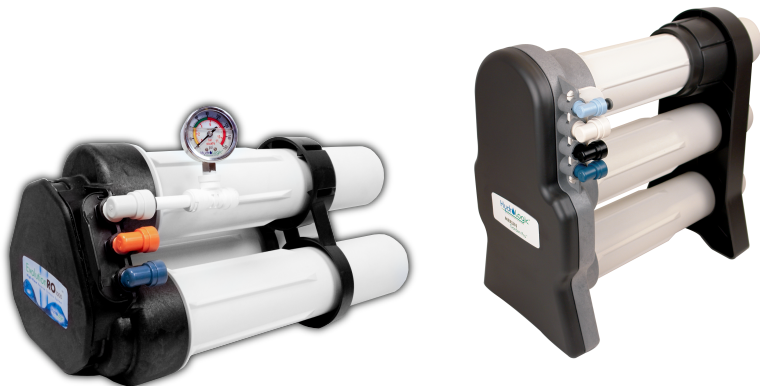
Begin by mounting bracket to wall or other location using appropriate fasteners (not included). Splice the product water tube of your RO system and install DI filter. The RO product water will go through the DI filter and come out with 0 PPM of contaminants. The DI resin inside the cartridge upon initial installation appears blue/green. Once the resin has exhausted its useful life and is no longer capable of removing TDS it will turn brown/light brown. When this begin to happen it's time to either replace the entire cartridge or to replace the DI resin inside the cartridge. Adding another DI stage after this one will ensure the purest water at all times.

### **WARNING: THE DI CARTRIDGE NEEDS TO HAVE THE PLASTIC PACKAGING REMOVED PRIOR TO USE**

**Specs:** 1 Gallon Per Minute maximum flow rate. Estimate life is 18,750 Parts Per Million. Example: Estimated number of gallons cartridge is good for at 5 PPM feed water is 3,750 gallons. Divide estimated life by feed water PPM to get estimated number of gallons.

### **Included**

- (1) 10"x4.5" – DI cartridge with mixed bed, color changing DI resin (anion resins to filter negatively charged ions and cation resins to filter positively charged ions)
- (1) 10"x4.5" filter housing with clear canister and black cap
- (2) 3/8" Quick Connect fittings for in/out
- (1) Powder coated metal wall mounting bracket
- (4) Stainless steel screws for bracket
- (1) 2 foot piece of white 3/8" tubing
- (1) Filter housing wrench



**If you have any questions please email: [info@hydrologicsystems.com](mailto:info@hydrologicsystems.com) or call us at 888-426-5644**