



NXT 2 to NXT 3 Upgrade Guide

Effective May 2019

Pure Water Window Cleaning System Upgrade Guide For The NXT System

Contents of the Upgrade Kit

- 2 Each 21" RO Filters (SKU# WF2CRO-21)
- 1 Each Bypass Hose Assembly
- 1 Each 21" Carbon/Sediment Filter (SKU# WF2CSC-21)
- 2 Each 3-legged Hose Assembly



1. Remove Unused Components from NXT 2

Starting with your existing NXT 2 system, remove the connection hose from the bottom of the DI Filters and the 2 brass fittings (inlet and outlet) from the top of the DI Filters. These pieces are not used by the NXT 3 and may be put aside.

2. Remove Unused DI Filter

Remove the DI filter on the right side of the frame (when standing behind the unit) and keep the retaining bolt or cotter pin for attaching filters later. Any washers on the bolt or pin can be discarded. When attaching 2 filters, as on the NXT 1 or 2, the washers helped to properly space everything. No washers are needed to attach all 4 filters.

If the DI filter you removed is still good, save for future use. Remember to cap both ends, as dry DI resin will lose its ability to remove minerals from the water.

3. Attach the Carbon/Sediment and DI Filters

Remove the bolt or cotter pin holding the left (when standing behind the unit) DI filter and remove any washers from it. If your DI filter was bad before upgrading, place a new DI filter in this position. Place the bottom of the Carbon/Sediment filter into the hook on the back left side (with the stock number sticker at the top of the filter). The DI filter should stay where it is (front left position when standing at the handle). Insert the retaining bolt/pin through both filters and the frame to secure both filters on the left side of the frame.

4. Attach the RO Filters

With the outlet sticker and bypass fittings on the top of the RO filters, insert the bottom lips into the retaining clips. Next, insert the retaining bolt/clip through both filters and the frame on the right side of the unit (when standing at the handle).

5. Plumbing the NXT 3

Position one of the two 3 legged attachment hoses over the fittings on top of both RO filters and the DI filter. Secure each of the three fittings before moving on. Fittings need to be tight enough to stop leaks, but avoid over tightening brass fittings. Position the second three legged hose assembly over both RO inlets (at the bottom of the filter) and the Carbon/Sediment outlet. Secure each of the three fittings before moving on. Fittings need to be tight enough to stop leaks, but avoid over tightening brass fittings. Finally, insert one leg of the Bypass Hose Assembly into each of the RO membranes and open up the valve fully. Finally, attach the inlet of the hose reel to the bottom of the DI filter.

6. Double Check Flow Path

Before hooking your unit up to the source, take a moment to ensure the hoses are attached properly. The water will flow into the top of the Carbon/Sediment filter and out the bottom. From there, it will split up and enter the bottom of both RO filters. The purified water will leave the tops of the RO filters (center garden hose fitting) and combine before going into the top of the DI filter. The bypass water will leave through the top of each RO filter (push to fit fitting) and exit through the bypass hose assembly. **THERE SHOULD ALWAYS BE WATER FLOWING THROUGH THIS LINE WHEN THE SYSTEM IS RUNNING.** Consult the NXT 3 manual for more information about the bypass valve operation.

7. Attach Source Water and Brush

Attach your source water hose to the female fitting on the Carbon/Sediment filter. Double check that the bypass valve is 100% open before running any water. Attach your brush to the end of the hose reel using a quick connect shut off valve. Turn on source water and let the air purge out of the bypass line. Once the air has left the system, you can restrict the bypass flow (always leaving some water flowing through) to begin producing pure water. New filters, or fully drained ones can take longer to purge air than it will for filters that are used regularly without draining.

Enjoy your NXT 3!

Resources:

NXT3 Manual:

www.window-cleaning-supply.com/content/pdf/NXT3-WaterFed-Manual.pdf