



NXT 3 to NXT 5 Upgrade Guide

Effective May 2019

Pure Water Window Cleaning System Upgrade Guide For The NXT System

Contents of the Upgrade Kit

- 1 Each Pump Box Assembly
- 1 Each NXT 5 Pump and Motor (SKU# WF 7000-SGPM)
- 1 Each 3-legged Hose Assembly
- 1 Each Wye Hose Assembly with Pressure Gauge

- 6 Each 1/4-20 Hex Head Bolts
- 10 Each Washers
- 6 Each 1/4-20 Lock Nuts
- 4 Each 1/4-20 Wingnuts



1. Remove Connection Spiders, Hose Reel and Hardware from Base Plate

Start with your existing NXT 3 System. Remove the three prong connection spiders from both the top and the bottom of your filters. Remove the 4 wing nuts that secure your hose reel to the frame's base plate. This should allow you to lift the reel off the bolts and set it aside. Lean the unit on it's handle and wheels. Take a 7/16" wrench or ratchet and remove the 2 bolts on the RO side of the bottom of the frame plate (left side when looking at the cart from the front). The flat nuts can be sharp so take care when removing or replacing the bolts.

2. Mount the NXT 5 Pump on the Base Plate

Examine the two remaining bolts for corrosion or deformation. Spare hardware is provided to replace these bolts if they are not serviceable.

Slide the pump/motor assembly over the remaining two bolts so that the brass pump hangs over the right side and points back toward the wheel. Secure the motor in place with provided 1/4-20 Nylock nuts and washers.

3. Mount the Pump Box Assembly

Place the pump box over the pump with the switch facing forward. Ensure the holes in the feet of each of the pump box legs are lined up with the holes in the corners of the base plate. Insert the four 1/4-20 hex head bolts through the base plate and pump box feet from the bottom and secure in place with the Nylock nut and a washer from above. Take the end of the cord from the pump box switch and plug the pump into it.

4. Remount the Hose Reel

Place the hose reel onto the four bolts on the top of the pump box. Secure the hose reel into place with the provided washers and 1/4-20 wingnuts.

5. Plumb your NXT 5

Take the provided 24" connector hose. Thread one end onto the bottom of your Carbon/Sediment filter. Loop the hose down and around the axle and attach the other end into the inlet of the NXT 5 Pump.

Attach the pressure gauge from the Bottom Spider to the outlet of the pump and feed the other two spider legs behind the DI. Attach each of the other two bottom spider legs to the bottom of each RO.

Attach the Deluxe spider to the top of you DI and both RO filters.

Attach the Hose reel to the bottom of the DI filter.

Take a moment to follow the potential flow of water through the system to ensure the connection hoses have been applied correctly. Starting with the system input through the Carbon/Sediment filter, out the bottom of the of the Carbon/Sediment filter and into the pump. It should then split through the bottom spider and into the inlet of each of the two RO Filters. Clean RO water should exit the OUTLET side of the RO filters and be combined in the second spider before entering the top of the DI filter and exit from the bottom into the Hose reel as pure DI water. With this final check complete, connect a brush or pole to the hose reel. Turn on water.

Enjoy your NXT 5!

Resources:

NXT5 Manual:

www.window-cleaning-supply.com/content/pdf/NXT5-WaterFed-Manual.pdf