Extreme Typhoon III Quick installation Guide

Remember, you are in charge. Work safely. Get enough light, turn off any nearby electrical power, prepare for spills. Wet floors can cause falls. As with any home improvement, follow local codes.

The Extreme has two TDS devices that are plumbed to the unit.

The TDS alarm, which has only one black probe wire, is in the purest water line, RODI water out. Press the oval to activate.

The dual probe in-line TDS meter: The red probe is the "in" located in the membrane water output line.  The quality of water being made by the membrane is tested here switch to (in).
The other probe is located in the purest water line, RODI out. Switch meter to out to test the DI water quality.

The hand held TDS meter is for testing tap water, or any other potable water source. It is not for testing aquarium water tds.

The filter wrench 

is provided to make filter changing easier. Use the wrench only to remove the filters sumps. Replace the filter sump using hand tight only.

The **tubing** provided should be more than enough for complete installation. Cut to desired length. Please cut cleanly and squarely. Please review the “how to use quick connect (push-in) fittings page.” It is very important that the tube cut be square and cleanly cut, (*no burrs)* prior to inserting into fitting. The tube will stop at the first resistance. Push firmly until the tube has seated in the fitting completely. If you failed to do this correctly it will become evident at application of water pressure.
If you have to remove the tube from the fitting, push on the collet till it is up against the fitting body and hold it there pull tube back out. The collet is the small collar hanging out of the fitting, pushed back it loses its grip on the tube.

The SV-6 supply valve (aluminum/brass) is designed to clamp onto the cold water supply tube under a sink. You must retract the needle prior to mounting it. Turn the brass tee handle fully counter clock wise (left).

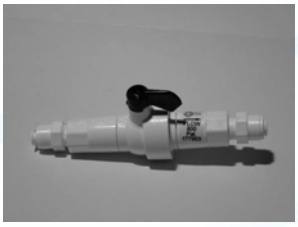
Note: if you have braided or convoluted tubing, email us. **Do not attempt to use the SV-6 valve on stainless steel braided tubing or convoluted tube**. When you are ready for water flow turn the tee handle to the right (clockwise) until it is firmly screwed in and has pierced the supply tube. Now if you are ready for water, turn the handle fully left (counterclockwise) open.

The **black drain saddle** mounts on the drain piping. Once mounted, drill a 3/16” inch hole through one side of the drain piping only. I use the installed drain fitting as my drill guide.

Slowly, with a battery powered drill, drill just one wall of the drain piping. Do not go through both sides of the drain pipe.

Your tap water (in) is at the clear filter housing, the sediment filter, just below the metal frame. Connect your tap water here. There are four, clear filter sumps

running along the bottom of the machine.  The sediment filter is stage one of the pre-filters. Your pre-filters are stage one, stage two, and stage three. The fourth filter of the clear housing is actually stage five, the DI



“To drain” is the open end of the fast flush assembly.

Connect to the black drain saddle shown above.
Water to drain must not be restricted or stopped ever. Reverse osmosis units are self rinsing to stay clean they must rinse the membrane while making water.

The RO only valve is sample port or a place for filling jugs of drinking water. No connection needed when closed.

The only other connection is the pure RODI water out. We have a short piece of white tubing there. Please connect the blue & black probes for the meters to the tubing and continue on to the float valve.

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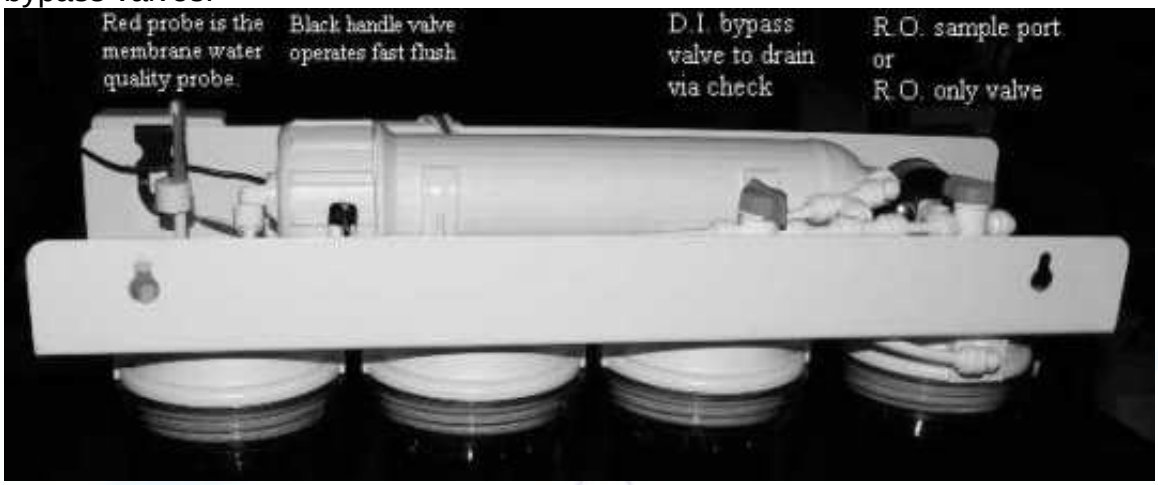
Please go ahead and mount your float valve in your storage container and connect the pure water line to it.

Prior to filling the unit for the first time, please open the fast flush and the DI bypass valves.



Allow tap water to flow at full open through the unit for at least five minutes. ***The last clear housing will not fill at this time***. Close the fast flush valve (Black) handle. Allow the unit to run for at least three more minutes and then close the DI bypass valve.

Your final clear filter will slowly begin to fill with water. Even a 75 GPD system makes only a trickle of water. Three gallons of water per hour is not an impressive stream of water.

To make water from now on please make sure the DI bypass, RO only and the fast flush valves are closed.

A valve is closed when the handle is at right angle to the tubing. The valve is open when the handle is in line with the tubing. Valves are closed whne the handle is at right angle to the tube.

Once you are done check for leaks, make sure the unit can't fall over or down . You will now have an automatic source of R.O.D.I. water the float valve and the ASOV will take.

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Fort Pierce, Fl. 334950
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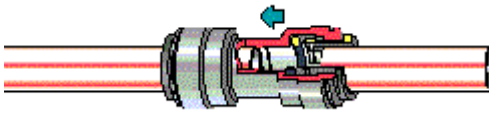
772-461-0256 (M-F 9AM-4PM EST)

How to use Push In Fittings

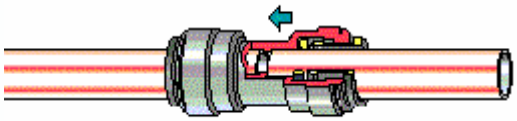
Cut tube square

Cut the tube square. It is essential that the outside diameter be free of score marks and that burrs and
sharp edges be removed before inserting into fitting.



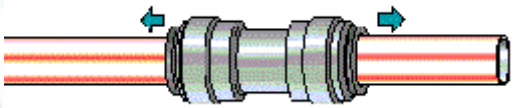
Insert tube

Fittings grips before it seals. Make sure tube is pushed in the tube stop



Push up to tube stop

Push the tube into the fitting, to the tube stop. The collet (gripper) has stainless steel teeth which hold the tube firmly in position while the 'O' ring provides a permanent leak proof seal.

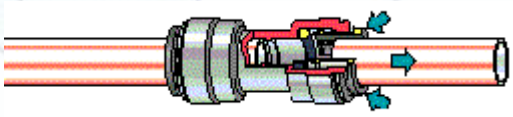


Pull to check secure

Pull on the tube to check it is secure.
It is a good practice to test the system
prior to considering your handy work is done.
The system doesn't full pressurize until the tank is full.

Disconnecting

Push in Collet and remove tube



To disconnect, ensure the system is depressurized before removing fitting.
Push in collet squarely against face of fitting.
With the Collet held in this position, the tube can be removed. The fitting can then be re_used.

The blue dust caps that seal the ends are removed in this manner.