

Mighty Mite Installation Instructions

1. Always use extra length tubing to make your connections you may want to move the unit to replace the filters in the future.
2. Read the push-in fitting material, make sure you push the tube completely in. Page 2
3. If a fitting is not push-in, then use moderate pressure to snug up the fittings. Modern fittings do not rely on brute strength. They rely on Teflon tape, O-rings or gaskets to make the seal (just snug the fitting to make it secure) Do not over tighten. Plastic fittings that have been screwed on too tightly are subject to splitting. Stressed fittings may take days or even months to split and leak.
4. PLEASE PLEASE PLEASE read the entire installation guide before installing the unit. This guide will answer a lot of your RO questions.
5. OK! You installed it without reading the guide. Please read the guide before calling or e-mailing us with any questions or problems.
6. Remember a 50 GPD system makes a maximum 2 Gallons per hour, a slow trickle. Yes, more water goes to drain then is made. All RO systems send water to drain while operating.

Air, Water & Ice

Thanks,

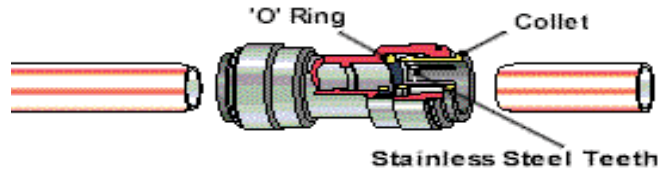
Cliff the H2O Guru



How to use Push-In Fittings

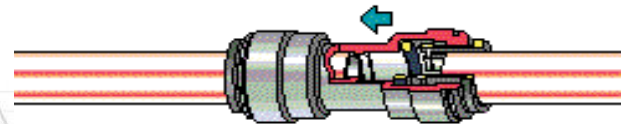
Cut tube square

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.



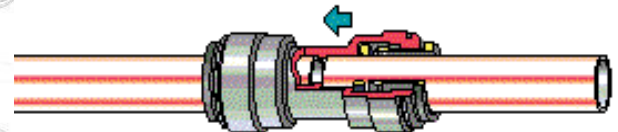
Insert tube

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



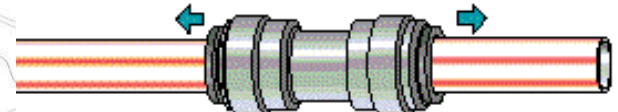
Push up to tube stop

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

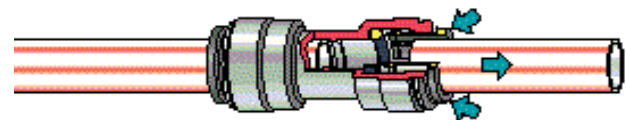
Pull on the tube to check it is secure. It is good practice to test the system prior to considering your handy work is done. The system doesn't fully pressurize until the tank is full.



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 position, the tube can be removed. The fitting can then be re-used.



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

- Unscrew your sink aerator from your faucet, and attach the aerator and faucet adapter from within the package, using either or both of the round adapters and washers so that the new aerator fits snugly on your faucet.

NOTE: Do NOT over-tighten. Finger –tighten only.



- Position your new system where it will be convenient for use on your countertop, and carefully remove the blue end caps inside the filters. (Hold collet in while removing)

- Attach one end of the white tubing to the metal projection on the new sink aerator by pushing it up tightly on the projection, and cut the tubing so that it is long enough to attach to the other end of the filter marked “Your Tap Water In”.



- Attach the cut end of the white tubing to this filter by pushing it into the end of the filter, being careful not to use extreme force.

- Attach one end of the black tubing to the filter marked to “to drain”. The purpose of this tube is to allow the waste water (Which will be generated as you use your system) to flow into your sink. Cut the black tubing so that this water can into the sink drain.

- There is an In-line Ball Valve which came with your package. There is a small arrow on this valve. Push one end of the remaining white tubing into this valve, so that the tubing is at the point of the arrow.

- Now push the other end of the valve into the top filter on your new Mighty Mite, which is marked “RO Only Water Out”. This is where your clean, filtered water will come from. Cut the white tubing to a convenient length so that the tubing will fit into the containers you wish to fill. (Clean, empty gallon milk jugs work well.)

To use your system, first turn the cold water on, then turn the small black knob on the new aerator. Now turn the blue knob on the valve which is attached to the final filter. This permits the filtered water to flow from the white tubing. Let the system run for a minute or two; check to make sure all attachments are secure, and then begin enjoying your fresh, clean water.