

Pure Hydration Under Counter Conversion

IR Touchless Faucet



Installation Guide

Figures 1-12



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12

Required Tools:

- Flat bladed Screwdriver
- Adjustable wrench
- Cordless or electric drill with a 3/8" drill bit
- Hole saw with a 1" bit (if needed)
- Scissors
- Ruler or tape measure
- Protective eyewear

Step One: Locate a Mounting Hole in Your Sink

1.1 Locate a place on your sink or countertop that the faucet can be installed and will drain into the sink. Be sure to inspect the area below the sink to ensure there is adequate clearance. In many sinks there are knockout holes specifically designed for adding things like faucets and soap dispensers. Many customers remove soap dispensers that aren't being used and replace them with the under-counter faucet.

1.2 Drilling into granite, quartz and natural stone countertops can be accomplished using a diamond tipped hole saw. **CAUTION:** If in doubt when drilling through granite and stone surfaces, please consult an expert as you may require special drilling techniques. Most plumbers and granite fabricators can cut the hole in just a minute or so and are well worth the service call charge.

1.3 If you're drilling a hole into a stainless-steel sink, you can use a standard carbide hole saw with a lubricant to keep it from overheating. Running the drill at 1/2 the speed will also keep the heat down.

1.4 Using a 1" hole saw bit (carbide or diamond tip) depending on application and a variable speed drill, make a hole in your chosen position in the counter surface or sink top directly above the cabinet in which you are installing the Pure Hydration drinking water system. It is advisable to install in such a way so that tap dispenses over a sink or drainage area. Install where good access for tightening the mounting nut from the underside is available.

Step Two: Mounting the Faucet

2. Insert faucet through hole, then install black rubber washer and brass nut. Have someone hold the faucet in the desired position and firmly tighten the nut. Figure 1

3. Push 3/8" coupler onto white tubing coming out the bottom of faucet and add the provided white tubing to the other end. Figure 2

4. Remove the two screws from the bottom of the valve assembly and mount back plate to cabinet wall if desired using the three screws provided. Figure 3
5. Insert battery pack into backing plate and reinstall valve assembly cover making sure the red and black wires are protruding out the slot in the cover. Figure 4 & 5
6. Cut a 3" long piece off the 3/8" provided tubing and insert it into the bottom of the valve assembly, then attach the 3/8" to 1/4" coupler to the other end of the 3" piece of tubing. Insert the remaining 3/8" tubing coming from the faucet into the top of the valve assembly (if tubing is too long you may cut to fit. Figure 5
7. Drill a 5/16" hole in the upper right rear side of the Pure Hydration body as shown in figure 6. Use caution while drilling by applying light pressure so that you don't cause damage to any plumbing inside the body. Figure 6
8. Gently apply downward pressure to the union connection locking collar and slide the union and supply line off the system faucet connection. Figure 7
9. Insert the grey or white tubing through the drilled and connect the end inside Pure Hydration into coupler. Figure 8 & 9
10. Cut and insert the other end of the 1/4" tubing into the bottom of the valve assembly.
11. Locate the cold-water valve under sink and shut off the water. Unscrew the tubing on top and screw the angle stop valve onto the cold-water valve then reconnect your tubing on top. Figure 10 & 11
12. Insert remaining 1/4" tubing into angle stop valve. Figure 11
13. Insert other end of 1/4" tubing into bottom of Pure Hydration. Figure 12
14. Turn on the drinking water faucet and turn the blue valve on the angle stop valve to the on position as shown in figure 11. Turn the cold-water supply valve back on and inspect for leaks. If this is a new Pure Hydration system installation, the water will take several seconds to begin flowing out of the faucet and will initially run greyish colored water for 3-5 seconds as the system purges dust particles from the carbon filters. Run three gallons of water (10-minutes) through the system and begin drinking. You can now insert the front and rear covers on the unit and reposition the unit being careful not to kink any of the lines.