

Installation Overview- Dual Faucet - multicolored hoses

We designed the dual faucet to eliminate the diverter valve and hide all of the hoses. Installation is simple. Here is a summary of the steps.

If you're going to keep the machine on the counter top you will need one hole in the counter top to mount the faucet and another hole behind the machine in the countertop or the drywall to pass the hoses. The hole to mount the faucet needs to be at least 1.5" in diameter, the other hole needs to be big enough to pass all 3 hoses (about 1") be sure not pinch any of the hoses when passing through the holes.

If you prefer, you could also mount the machine in an upper cabinet and snake the hoses behind the drywall.

DO NOT PLACE THE MACHINE UNDER THE SINK, IT WILL NOT DRAIN PROPERLY AND IT WILL NOT WORK AS WELL AS IF IT'S MOUNTED AT THE SAME HEIGHT OR ABOVE THE SINK.

The taller spout is your alkaline spout. It will connect to the top hose alkaline output via the BLUE HOSE.

The shorter spout is the acidic spout. It will connect to the gray hose via the BLACK HOSE.

Both of these spouts swivel making it easy to move them out of the way.

The faucet control valve is a high quality ceramic valve that will allow you to turn it on slowly when you're making 2.5pH & 11.5 ph water, or you can adjust the flow faster when you're making 8.5, 9.0 or 9.5 pH Kangen Water™.

The faucet mounting hole should be close enough to the edge of the sink that you can put a typical bottle in the sink and have either the acidic or alkaline spout flow into the bottle so if they drip, they will be dripping into the sink.

A pass through hole needs to be drilled behind the machine. This hole will allow you to run all 3 hoses down under the sink to connect with the faucet. Place the hole 1-2 inches behind the machine so you do not kink the gray or white hoses. The machine will hide this hole so it will not be visible from in front of the machine.

Unscrew the top white flexible hose from the machine. You will not use it with the dual faucet. Save it! You will use it if you want to travel with your machine or if you want to hook your machine up with a diverter valve or loan it to someone.

Screw in the chrome fitting. The plastic end has a John Guest speed fitting which we will use in a few minutes.

Uncoil the hoses

Unscrew the brass nut from the shank.

Remove the brass nut, and washers. If you have a thick countertop the brass extension will most likely be needed.

Figure out where you want to drill the holes. If you do not have the proper drill and bits and ability to drill the holes properly, be sure to hire someone competent to do it for you. If you have a marble or granite countertop a special drill bit is needed. Hire a professional to drill it for you. Measure twice, drill once.

Look at the way we have preassembled the faucet so you understand the correct order of the parts. Take a picture on your phone before you start removing parts, it will make it easier.

The center hole will go onto the brass shank on the bottom of the faucet.

Once the washer is in place, slide the 1" black plastic spacer onto the bottom of the shank. There is also a pattern to this spacer, rotate it so the slots line up with the hoses. Next slide the lock washer onto the shank, finally screw on the brass nut.

Tighten the brass nut, this will close the gap and tighten the faucet down. You should use a 3/8" wrench to tighten this brass nut.

Before you fully tighten is, make sure that you have the control handle where you want is so that you can adjust the water flow on and off in a direction comfortable for you. Once you're sure the faucet is positioned the way you want it, tighten the brass nut fully so the faucet does not move when you adjust the handle. The total turn radius of the on off handle is 1/4 turn. It's a 1/4 turn ceramic valve.

Now lets move to the pass through hole

If you want to use the electricity under the sink to power the machine, feed the black electrical cord down through the hole first, since it has a big plug on the end, it will be easier to pass when the hole is empty. If you're going to get your electricity from up above, don't worry about this step.

Now we're ready to connect the hoses. BLUE GOES TO TOP OF MACHINE FOR YOUR ALKALINE WATER. CONFIRM BY BLOWING THROUGH THE BLUE HOSE YOU WILL FEEL AIR ON THE TALL SPOUT.

Take the BLUE HOSE with the John Guest elbow and chrome fitting on it and feed it up through the pass through hole. This hose has an elbow fitting which you will push into the plastic John Guest fitting on the top of the machine. Be sure you push it all the way in so it locks. It should go in about 1/2". If you want to release it, you need to squeeze down on the small plastic inner ring on both sides, while pulling on the elbow fitting, it will slide out. You can release this fitting to run it through the hole in the counter if desired.

Turn on the your old faucet and run some hot water. Put the end of the white Enagic hose that is still connected to the bottom of the machine hose under the hot water for about 15 seconds. This will make it more flexible. Turn off the water and feed the white hose down through the pass through hole. While the end of the hose is still warm, push the plastic fitting on the end of the hose with blue tape on it at least ½" into the warm white hose. You can twist it from side to side to force it in. It will be a snug fit. Tug on it to be sure it's secure. **The WHITE hose from your machine hooks up to the WHITE hose on our faucet.**

If it is inserted at least ½" inch it will not leak. Do the same procedure with the gray hose. You'll notice this hose is made from a stiffer plastic. Run it under hot water, pass it down through the hole, then connect it to the plastic fitting on the hose with the black tape on it. You should get a couple of 3/8" hose clamps from your hardware store to secure these connections. The GRAY hose from your machine hooks up to the **BLACK** or **YELLOW** hose from our faucet. Confirm this by blowing through the black or Yellow hose, you will feel air from the short spout, this is where you will get your acidic water.

The final connection is to supply cold water to the dual faucet.

Turn off the cold water valve under the sink. Make sure you are hooking up to the cold water. Usually it is on the right. The way you can confirm this is to turn on the cold water from your faucet, then turn off the cold water valve under the sink, you should see the water slow down, then stop. Before you disconnect the cold water hose leading to your faucet, get a bowl and a towel to collect the small amount of water that will drip from the hose.

The new John Guest Valve included in the kit is a 3/8" compression fitting on 2 ends, designed to attach to a 3/8" angle stop, which is what's in use in most houses built in the last 25 years. If this fitting is the wrong size you'll need to go to the hardware store. If it does not fit most likely you need a ½" compression or ½" FIT. Bring our valve with you and buy a ½" compression * ½" compression * ¼" identical valve. You may also need a little roll of Teflon tape. If you've never done it, have the person at the hardware store show you how, it's very simple, but there's a little trick to pinching off the tape. You do not need Teflon tape on our compression fitting. Also pick up a couple of 1/2" hose clamps to clamp the white and gray hoses if you want.

So let's try it.

Disconnect the cold water hose from the valve you just turned off. Screw the white plastic John Guest "T" valve to the cold water valve. The hose for your old faucet that you just disconnected now attached to the top of this new valve. The red hose from the Dual faucet pushes in and locks to the new valve.

Turn the valve back on. Turn you old faucet on and off and check under the sink for leaks. If you have any leaking from the brass valve, you probably need to tighten it a little more. Check again. Be sure it is not leaking.

If there are no leaks, let's try the dual faucet. Turn the power on to your Enagic machine. Push the button for 9.5pH Kangen Water™. Turn the valve on the dual faucet on, water should begin to flow out of the top spout and the bottom spout.

The 9.5pH Kangen Water™ will come out of the top hose, 4.5pH will come out of the bottom hose. While the water is running, check the connections underneath for leaks. Turn the new dual faucet off and once again check for leaks. If there are no leaks you are really done. You can tidy up the hoses underneath. The grey hose will collect water from the machine when it is turned off. This was designed so that water can drain from the machine.

CLEANING. When you use the cleaning cartridge simple block the short spout. A tiny cork (available for about 10¢ at the hardware store, or wrap the end of the short spout in cellophane and a rubber band. Put in the cleaning cartridge with a pack of powder, turn the water on slowly, once water starts to flow from teh top spout for about 5 seconds, turn the water off. Now the machine is filled with cleaning fluid. Let it sit for a few hours then remove teh celophane or cork and run water for a few minutes to fully rinse, then remove the cleaning cartridge and put in the filter and your good to go.

If you have any questions feel free to call us. 949-769-2605

Thanks

Stan 949.769.2623

Remember

BLUE HOSE connects to top of machine- it will flow out the tall spout for alkaline water

WHITE HOSE connects to the "WATER IN" hose on bottom of your machine. It feeds the machine when our faucet is turned on.

BLACK or YELLOW HOSE connects to the gray acidic water drain line on the machine, it will flow out the short spout.

The red supply line is the cold water input.