INSTALL YOUR NEW FAUCET-FREE ION FARM YOURSELF – NO PLUMBER NECESSARY WITH EASY-TO-USE SELF-PIERCING SADDLE VALVE.

With the use of a self-piercing saddle valve it is unnecessary to hire a plumber to install your Ion Farm. A self-piercing saddle valve attaches to the cold water line under your sink and gently pierces, then seals a hole in the pipe. Once sealed, the saddle valve is opened to allow water to be directed to the Ion Farm. NO PIPE CUTTING, NO SOLDERING, NO ADAPTERS, AND NO MESS. Even better is that, once installed, water flow is controlled at the push of a button without touching the faucet and without the possibility of accidental hot water damage.

ION FARM MEANS NO FAUCET CLUTTER!!

Self-piercing saddle valve attaches to waterline - no cutting, no solder.

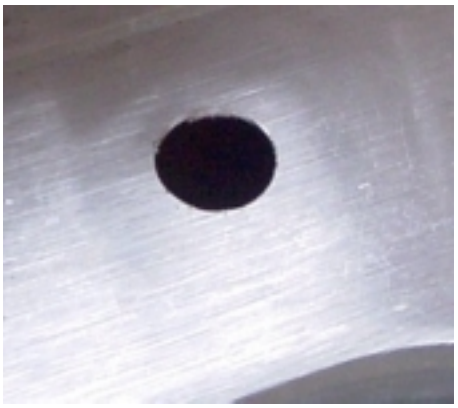
Spike pierces pipe and gasket seals hole - get the point?

You will need a 1 inch hole saw, suitable for stainless steel sink. Depending on the installation, you may decide to drill through counter instead.

This will fit through drilled hole for a professional look - about $2 at your hardware store.

Identify suitable hole site - check for obstacles under sink.

Carefully drill - do not force, you may have to reverse drill several times before penetration complete.

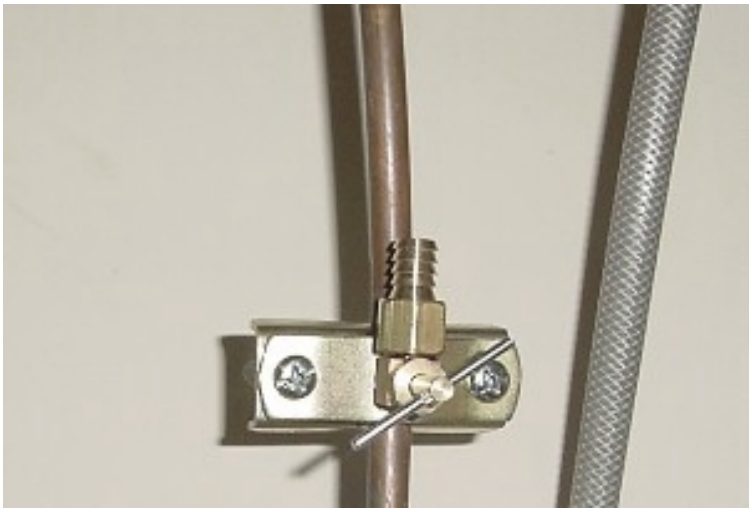


Clean metal filings from hole site.

Insert hole trim from top, screw-on threaded retainer from under sink.

Your Ion Farm includes heavy-duty braided tubing and 4 stainless steel threaded clamps.

Feed hose end down through finished hole.



IMPORTANT - Make sure small saddle valve rubber gasket is in place and position saddle valve on COLD water line with barbed fitting aimed towards hole in sink. Insert bolts through front and back plates and tighten securely, without over tightening. Screw nuts onto each bolt, just to cinch and prevent loosening of bolts. Do not over tighten. Next, rotate handle clock-wise until tight. You may notice some leaking as spike pierces pipe, but keep turning until stop. At this point, saddle valve should be sealed without any leaking.

Press hose onto saddle valve barbed fitting and secure with threaded band clamp. Hose should press all the way onto fitting. (Hint: gently heat hose end with match or stove burner for easier placement.)

If installing Bluestone fluoride or carbon block prefilter, cut hose at the approximate installation location. Leave some slack for final positioning. If not installing prefilter, skip to step 17.

Identify prefilter input and output. Slide hose from saddle valve onto barbed fitting marked "Input" and secure with threaded clamp. Secure remaining hose end onto prefilter fitting marked “Output.” Again, secure with threaded clamp.

Remove dust caps from Ion Farm water input and acid water output.

Cut hose from prefilter (or from saddle valve if no prefilter) at the desired length. Leave some slack for final positioning. This end will attach onto Ion Farm water input.

Press hose end from prefilter or saddle valve onto Ion Farm water input and secure with threaded clamp.

Press remaining hose end onto ion Farm acid water output. This attachment will not need a clamp. (Note cutouts on either side of Ion Farm base for tidy hose and power cord routing.

Stand Ion Farm upright and attach threaded end of flex-hose into rotating plastic turret top.

Position flex hose over sink.

Open saddle valve by turning handle counter-clockwise. Keep turning until you hear water flow. Inspect all connections for leaks and tighten clamps if necessary.

Plug Ion Farm into outlet. Turn back panel power switch to “on.”

Press the front panel "power" button.

Upon power-up, the Ion Farm will play a tune while it automatically cleans. When music stops, alkaline water is dispensed from the flex hose. Push power button to turn off water. (Note, water-flow may take several seconds at first usage. You may also notice water discoloration as carbon fines wash out of new filter.

Use included pH test drops, or pH meter to measure pH prior to consumption. Read Ion Farm manual, section 2 for more information about pH adjustment.