



AQUA ENERGIZER™ Whole House Device Installation Instructions

Specification

Weight: 3 pounds 4.7 ounces **Fittings:** Female - Female

Pipe Size: 1½ inch Length: 9¼ inches

Diameter of main body: 21/8 inches

Materials used: Copper, Quartz, Minerals Water Pressure: Approved for up to 80 psi



Installation location:

Choose a location where the incoming cold water supply pipe can be pulled to provide 33 degrees of clearance at 16 inches.

Tools and Parts Needed

- 2 Channellock
- Pipe Dope
- Marker
- Compact Pipe Cutter
- Deburring Tool
- Tape Measure
- Depth Gauge
- Steel wool (preferable) or 180 grit sandpaper
- Paper Towel
- Nitrile or Latex Gloves

 SharkBite 1 inch Push-to-Connect x MIP Brass Slip Adapter Fitting

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 SharkBite 1 inch Pushto-Connect x 1-in MNPT Male Adapter

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Instructions:

- 1 Turn off water supply to house, open faucets to drain residual water in pipes.
- Cover threads of push-to-connect (quick connect) with pipe dope make sure to fill all threads fully with pipe dope and wipe off any excess material with a paper towel.
- Insert pipe doped quick connect male threads into the two ends of the Aqua Energizer (either end, directionality is not an issue with the AE) Tighten the male fittings firmly, making sure no less than ½ of the threads are inside the body of the AE. Use channel locks to ensure tight fitting to avoid leaks.



- Measure the length of the AE with attached quick connects (as each AE is hand made some variation in length may occur). The length will be approximately 16 inches and may vary up to \%" on either side.
- On the incoming cold water supply pipe in the house, use your marker to mark the length of the full unit that will be installed. DO NOT CUT to these marks.
- From the marked lines, use the depth gauge to mark the pipe for cutting, the cut portion will be SHORTER than the AE unit by approximately 3 inches (1 $\frac{1}{2}$ " to 1 $\frac{3}{4}$ " on each side).
- Frase original mark and use shorter length mark for cutting the house pipe using the compact pipe cutter.
- Use the deburring tool to clean the inside of both sides of the existing house pipe once cut. Use steel wool (or sandpaper) to smooth the inside AND outside of the pipe ends until they are smooth and shiny. Carefully run finger along inside of pipe to ensure no lip remains on the interior (which may have formed during the cutting of the pipe). MAKE SURE NO SHARP EDGES REMAIN ON HOUSE PIPE. (Failure to remove sharp edges will damage or destroy quick connect gasket, cause fitting to leak, and void manufacturer's warranty).
- Gently pulling one end of the house pipe to you by no more than 33 degrees, slide large quick connect fitting (attached to the AE) onto the house pipe ALL THE WAY.
- 10 Pull back the lip of the small quick connect and slide over the other side of the house pipe.
- Use the sharkbite quick release (horseshoe-shaped plastic device in packaging for quick connect unit) to slide the larger unit down toward the opposite end, to ensure that the smaller unit seats on the house pipe.
- Turn house water supply back on, checking for leaks and adjusting the unit to ensure both ends of the house pipe are firmly seated in the quick connect fittings. Enjoy your structured water all over your house, feeling confident that every tap dispenses pure structured water for your family's optimum health and vitality.

For those who have unique installation situations and would like support, <u>contact us</u> and we will set up an appointment with somebody on our installation team.

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