

# Natural Action Technologies®

## Installation Instructions for PVC Connectors

Your unit comes pre-wrapped with white plumber's tape ready for installation. Leave this on for leak proof operation. Some plumbing fixtures may require additional tape.

1. Locate the main water shut off before starting. This unit can be mounted in any position, with the water entering from either end. Locate the valve that controls the water source and turn it off.
2. Open the cold water faucet located at the lowest point in the plumbing system of the house. Leave open until water stops flowing to insure water is completely turned off and to relieve pressure.
3. Your purchase includes the House Unit with attached fittings on either side.
4. Measure the length of the unit from end to end. Write the measurement down. Now, subtract 2" from the measurement. The resulting number will be the pipe length to cut and remove from the water pipeline. (i.e., Measurement minus 2" = pipe length to be cut out.)
5. Measure and mark the pipeline to be removed.
6. Hold the unit in place where the water pipeline is to be removed to insure enough space is available.
7. Cut the water pipeline with a pipe/tube cutter to the length determined in Step 4.
8. Retain and store removed pipeline for future use as a bypass, in case the water unit is removed at a later date.
9. Examine pipeline. Be sure that there are no scratches, gouges or any form of damage on the outside or inside of the water pipeline for 2' next to the cut end. Damage in this area may cause leakage.
10. Examine the unions that came with your unit. Check them for any signs of foreign objects.
11. Unscrew the threaded PVC nut from the ends of the unit. Two pieces will separate from each side. Ensure that black "O" ring stays in. Unit will leak if the "O" rings are missing.
12. Separate the threaded PVC nut from the sleeve.
13. Slide the PVC nut (unthreaded side first) onto the water pipeline (about 6-8 inches). This will keep the nut out of the way where you will be gluing.
14. Apply PVC glue to the outside of your water pipeline (Approx. 1 inch). Use 2 revolutions of glue around the pipe to make sure it spreads evenly.
15. Next, apply glue to the inside of the union sleeve. Also make 2 revolutions to spread evenly. Remove excess glue and clean pipe area.
16. Push the union sleeve onto the PVC pipe, using a rotation motion,  $\frac{1}{4}$  to  $\frac{1}{2}$  turn. Be sure the sleeve is pushed all the way onto the pipe, holding it in place a few seconds to prevent pushback. Glue should dry in 1 minute.
17. Repeat steps 12-16 to prepare the other side of the PVC pipeline and union sleeve to receive the unit.
18. Place the house unit between the freshly glued union sleeves.
19. Slide the PVC nuts up to the unit and hand tighten the threaded nuts of the unions onto the threaded ends of the house unit one side at a time. Tighten firmly.
20. Allow 5-60 minutes drying time, depending type of glue used, before turning water back on.
21. Turn on the water supply line and check for leaks.
22. Turn on a nearby faucet to purge out air until water runs smoothly.



## Warranty

This unit comes with a Lifetime Warranty against manufacturer defects. Misuse of the unit is not covered.

Avoid leaving this unit in freezing temperatures with residual water inside as impaired function may result.

Avoid dropping this unit as it may result in impaired function.

If unit is buried in dirt, any brass fittings must be covered or sealed from the dirt, as nature will break down the brass. Cover with several wraps of duct tape or other weatherproof wrap.

90-Day Complete Satisfaction Guarantee

For more information and products visit us at

[www.NaturalActionTechnologies.com](http://www.NaturalActionTechnologies.com)

Structured Water® will clean all calcium and aggregate deposits in your water pipes, and appliances that use water. So, all deposits need to be flushed as much as possible. We recommend draining your hot water heater before installation. The water heater may need to be drained weekly until all loosened deposits are flushed out.

**Note:** When moving from your existing home to a new location, a Natural Action Technologies Blank Unit is available for purchase to replace your House Unit thereby keeping the pipeline intact. The Blank Unit looks identical and connects as described herein.

## What Else Is Possible?

