



Natural Action Technologies™

COMMERCIAL UNIT

INSTALLATION INSTRUCTIONS for ADAPTABLE/NATIONAL PIPE THREAD (NPT) UNITS WITH UNIONS

Congratulations!

You have just received a Natural Action™ Technologies Structured Water™ Unit.

The NPT Commercial Unit is the burly, “big daddy” unit that takes on the bigger jobs of structuring water for industrial applications such as swimming pools, ranch waterlines, and agricultural fields. When water lines exceed one inch and go up to 2 inches, this is the unit of choice.

IMPORTANT

All the illustrations on this instruction sheet show typical plumbing methods. Actual installations must be adapted to individual requirements and regional codes. The author has made every effort to insure accuracy and reliability of the information and instructions. However, neither the author nor the manufacturer will accept responsibility for misinterpretation of the directions or human error. The end user assumes complete and total responsibility for installation errors.

IMPORTANT NOTES ABOUT YOUR UNIT

1. **Warranty:** This unit comes with Lifetime Warranty against manufacturer defects. Misuse of the unit is not covered.
2. Avoid leaving this unit in freezing temperatures with residual water inside as impaired function may result.
3. Avoid dropping this unit as it may result in impaired function
4. 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. Be sure that it is below frost line as the local weather demands.



Specifications

Weight: 5 lbs., 1oz

Dimensions: 28.75” L, 4.5” Dia.

Volume: 56 oz.

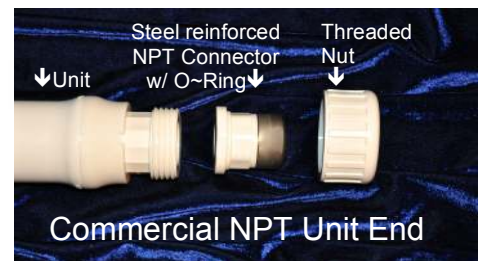
Housing: Abs

Flow Form: HDPE

Original
Dynamically
Enhanced

Unit Size:

- 1-1/4”
- 1-1/2”
- 2”



IMPORTANT NOTES FOR HOT WATER HEATERS BEFORE AND AFTER INSTALLATION

Before installation, drain the hot water heater, if one exists in system, for a few minutes to flush sediments/old deposits that may have collected in your hot water tank.

Drain the hot water tank again in 3-days following initial install and then again after 2 full weeks from date of installation. Failure to do so may create cloudiness to your water until all the sediment is dissolved.

After installation, tap water may exhibit discoloration temporarily as sediment is flushed from the system.

If in doubt with any part of this procedure, it is strongly recommended to consult an experienced plumber or handyman prior to installation.

INSTALLATION INSTRUCTIONS

Notes:

- *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.*
- **Know where the main water shut off is located before starting.**
- Since the NPT Commercial Unit w/Unions installation is easily adaptable for a variety of flexible waterline pipes and fixtures, **WE STRONGLY RECOMMEND INSTALLATION BY A LICENSED PLUMBER.**
- The unit can be mounted in any position, with the water entering in from either side.

1. Locate the valve that turns off the water source.
2. Turn it OFF.
3. Open a nearby cold water faucet. (*Cold-water faucets are generally on the right side of the faucet unit.*) Leave open until water stops flowing to insure water is completely turned off and to relieve pressure. Then shut off the faucet. (Turning off the faucet prevents excess air from entering water lines.)
4. Your purchase includes the Commercial NPT Unit with Unions. (see adjacent picture)
5. The unit as shipped may be installed easily on any 2" or smaller pipe. Fittings will be supplied by plumber/installer with connectors of their choice.
6. Installation will be in accordance with the type of connections chosen.



Close up - NPT end

7. Hold the unit in the place where the water pipeline is to be cut out to insure enough space is available. (both length and depth)
8. Cut the water pipeline to the desired length using an appropriate cutting tool.
Note: Residual water may be present in the line.
9. Retain and store removed water pipeline for future use as a bypass, in case the water unit is removed at a later date.
10. Install the unit with the connectors chosen (by the plumber/installer).
11. Turn on the water supply line.
12. Check for leaks in the system.
13. Then turn on a nearby water faucet to purge air out of water line until the water runs smoothly and all the burping has stopped.
14. That was easy!



IMPORTANT ADDITIONAL NOTES

1. Structured water will clean all calcium and aggregate deposits in your water pipes, and appliances that use water. So, all existing deposits need to be flushed as much as possible. Your water may be milky or discolored until the deposits have been flushed out completely, especially in older homes.
2. You may wish to contact an experienced plumber to drain the sediment in the bottom of your water heater. If your water heater has not been drained periodically the drain valve at the bottom may be corroded and may need to be replaced. **The water heater may need to be drained weekly until all loosened deposits are flushed out.**

Thanks for helping maintain a green earth environment.
For questions call 928-567-6466 or e-mail us at info@naturalactiontech.com
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