



Nozzle Assembly:

- Insert the nozzle and 45° adapter into a union tee, by pushing the adapter into the fitting and then swiftly pulling back to lock the nozzle and adapter in place.

Riser Assembly:

- Insert the tubing sticking through the **bottom** of the riser into the center hole of a union tee.
- Insert the nozzle and adapter into the union at the **top** of the copper riser. Secure the adapter by pushing it all the way in and then swiftly pulling back to lock the adapter in place.

NOTE: Ensure the nozzles are tightly screwed into the adapter. Do not loosen the nozzle from the adapter or the tip from the nozzle. That will cause a pressure loss.

The most effective nozzle circuit is one that forms a complete perimeter barrier around the area you want to protect. Nozzles/risers are typically placed 10 feet apart.

Insert a union tee anywhere in the line to run in a different direction. Insert a plug into the open hole(s) of the union tee(s) at the end of all the runs.

Creating a Nozzle/Riser Circuit:

- Using the Tube Cutter, cut the tubing at the first nozzle placement and insert the tubing into a side hole of a union tee or other fitting.
- Continue cutting the tubing to the desired length, usually 10 feet, and attaching to the remaining union tees on the nozzles/risers to create the nozzle circuit.
- Secure the nozzles with the included tube clamps. Place a tube clamp on the tubing on each side of the nozzle to hold the nozzle in place and one every 3 -5 feet to hold the tubing in place.
 - Be sure to pull tubing snug before tightening the clamp to keep the tubing from sagging.

NOTE: If installing on Stucco, take precautions to ensure water does not seep into the Stucco. Contact Pynamite for specific instructions, 866-986-5586

Tips & Time Savers:

- Ensure every tubing cut is a straight clean cut. Even a small angle can cause a leak in the fitting.
- Push the tubing all the way into the fitting and then swiftly pull back to lock it in place to avoid leaks. You should feel 2 points of resistance for the tubing to be fully seated.
- Wetting the tubing before inserting it into the fitting will help it slide in easier.
- To release a nozzle or tubing, hold down the springy collet on the fitting and pull to remove nozzle or tubing. The U-shape on the back of the tube cutter works well to hold the springy collet down.
- Don't bury the riser tubing until after the system has been pressure tested and no leaks were found.
- Tubing does not need to be protected underground but should be protected in 12"-15" of PVC pipe or similar material up from the ground for every transition to avoid cuts from feisty squirrels and weed whackers.
- Nozzles and risers can be alternated throughout the installation.

Pynamite Nozzle cleaning Instructions:



Pynamite nozzles are fully cleanable. The tip (1) can be unscrewed and soaked in 50/50 hot vinegar/water solution to remove calcium deposits. The nozzles also contain a cleanable mesh filter (2) in the rear of the nozzle. Unscrew the back of the nozzle to locate the filter and rinse the filter with fresh water to remove any debris. Hand tighten to reassemble.

NOTE: Only soak the nozzle tip in the vinegar solution.

Tube Cutter:



The tube cutter is used to make straight cuts in the tubing. The U-shape on the back of the tube cutter is a tube release tool. Use it push down on the springy collet of a fitting to release the tubing.