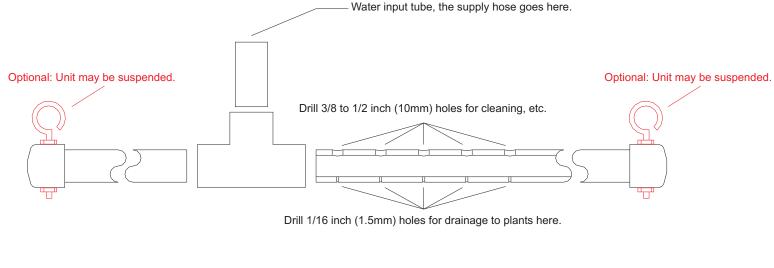
Water Tube - Automatic Plant Watering System





The watering tube is the most important part of this project as it is what will deliver the water to the plants evenly across the entire garden area. The bottom holes are about 1/16 inch (1.5mm) to allow the water to flow out. Above these holes are 3/8 inch (10mm) holes to allow you the option of running string down to the plants.

If string is run to the plants, the water will follow the string and can be directed to the roots. This is also a convenient way to allow plants to be tied up to help them grow tall and without breaking. This system has been used by me for years to grow tomatos, beets, peppers, and string beans quite well.

If you do not wish to build the A-Frame to support the water bar, you may install a screw-eye at each end and support the bar from your porch, ceiling, or other similar frame. Should you decide to hang the water bar, be sure to use a level to make sure the water doesn't settle into one particular spot.

Another option is to use a reducing Tee which will have a smaller opening at the top for the hose. You may find this more convenient to hold the hose better. Our first unit had the 1.5 inch (40mm) tube at the top, but the newer version will have the smaller 1 inch (26mm) size.

If your garden is longer than this design it may be extended but you will find that you need a support about every 55 inches (1.5 meters) or it will tend to sag in the middle.