

Installing a LSU Coastal Roots Can Yard Irrigation System

Step-By-Step Instructions



Instructions

- A. Putting the Risers together. Repeat for all four risers.
 1. Wrap Teflon tape 2-3 times around the riser threads.
 2. Screw on the Shrub Adapter
 3. Insert filter
 4. Screw on the nozzle
- B. Constructing the Irrigation Square
 1. Layout PVD pipes so that you have the 4 3-way 90 fittings corners. On three of the 9'6" sides, you will have 2 pieces of PVC pipe connected with a coupler. On the fourth side, you will insert a T coupling, which will eventually connect to the solenoid valve and water source.
 2. Glue the 3-way 90 fittings to the 1" PVC pipe.
 3. Glue the couplers to the corner sections, making sure that the corners stay level (or flat).
 4. Wrap Teflon tape 2-3 times around the base of each of the four risers.
 5. Screw the risers into the 3-way 90 fittings.
 6. Adjust nozzles so that they spray to the interior of the square.
- C. Putting the Solenoid valve together.
 1. Wrap Teflon tape 2-3 times around the male adapter threads.
 2. Screw male adapters onto the solenoid, both sides.
 3. Tighten with wrench.
- D. Attaching the Solenoid valve to the system.
 1. Attach Solenoid to the T-joint using a short piece of PVC pipe. Make sure that the solenoid is oriented so that the arrow is pointing away from the T-joint.
 2. Attach another piece of PVC pipe to the opposite side of the Solenoid.
 3. Attach the backflow preventer to the system with the arrow pointing away from the t-joint.
 4. Using another piece(s) of PVC pipe, attach to the water source.



The finished irrigation square.



A schematic for assembling the Coastal Roots Can Yard Irrigation System:

