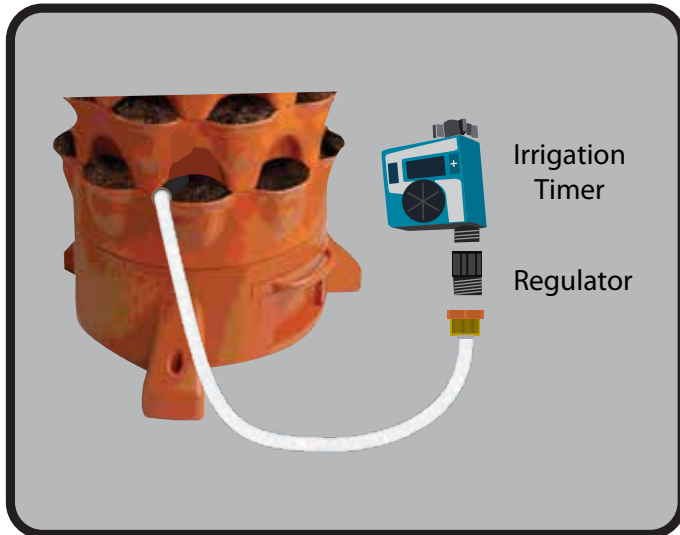
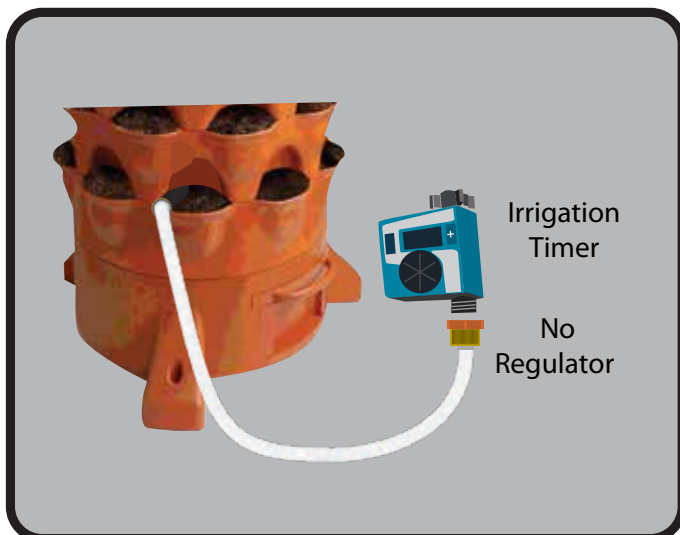


Installing the Basic Electronic Irrigation Timer:

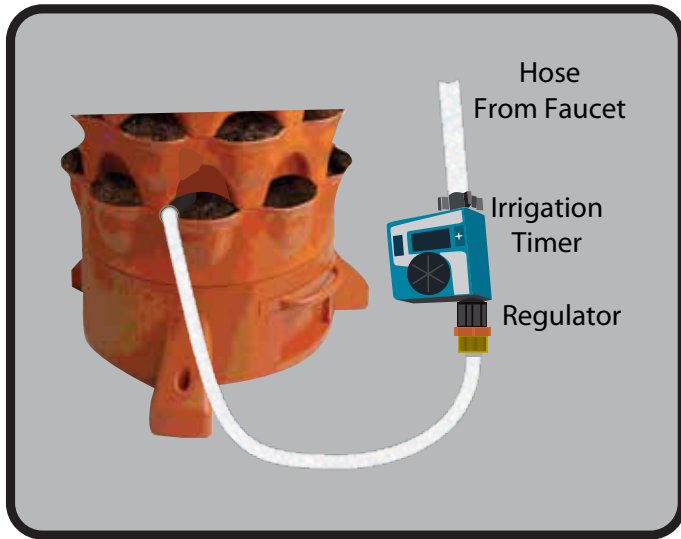
1. Attach the short connector hose to the grey pipe fitting securely and then tighten the hose fitting. Getting both connections tight can be tricky and requires finger/hand strength. A hose quick-release is an option here to make disconnection easier but is not required.



2. The optional 25 PSI water pressure regulator adjusts the water flow to provide 0.5 gallons per minute. Attach the regulator to the bottom end connector on the irrigation timer. The pressure regulator has a vacuum weep hole. This weep hole can drip water during normal operation and therefore should NOT be under continuous water pressure. It should therefore only be installed coming out of the irrigation timer or going into the watering system assembly. You can apply *plumber's tape* before attaching the regulator.

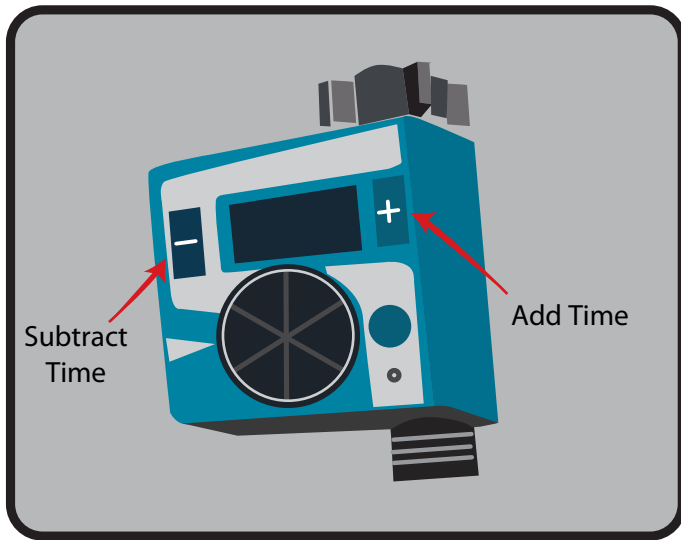


3. Connect the hose coming from the water system assembly to the pressure regulator or directly into the irrigation timer if is not being used.



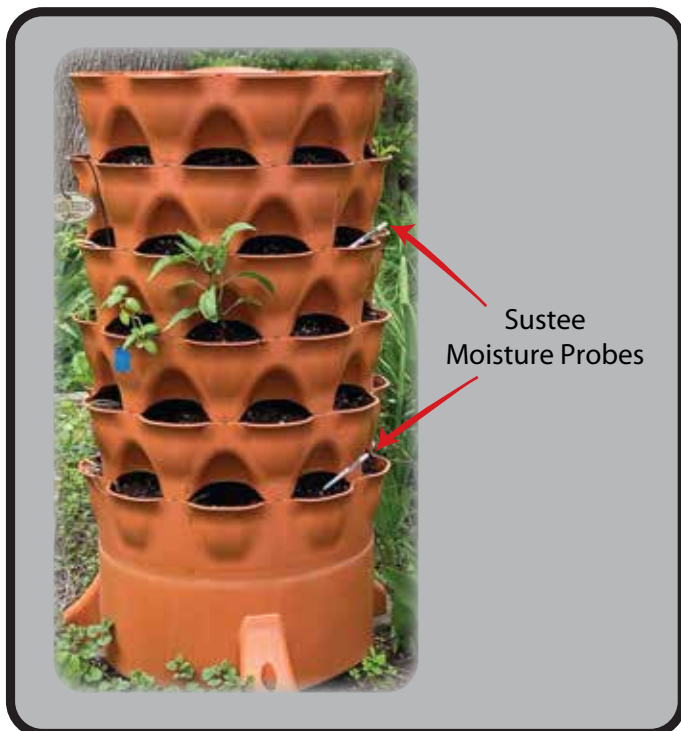
4. Connect your garden hose to the top of the irrigation timer. Turn the hose faucet on.

Every minute of water flow equals $\frac{1}{2}$ gallon of water entering the Tower. The hydration needs of a Tower depends on plant type, plant growth stage, sun exposure, temperature and wind.



5. Program the irrigation timer to run 4 minutes and do this twice a day. This equals 2.0 gallons of water at each watering.

Adjust the irrigation timer +/- 1 minute at a time until moisture is maintained at the top and bottom of the Tower. The target is to get 2 – 4 gallons of “tea” produced in the drawer per week. This water can be gently poured onto the top of the Tower as it contains valuable nutrients.



6. The Sustee Moisture Probes should be placed in rows 2 and 5. Place the moisture probe into the side of a pocket so that the tip is towards the center of the Tower. The probe will change color from white to blue within 20 – 30 minutes of watering, although it can take up to an hour to register. The moisture probe will turn back to white when watering is required.

If the top rows of the Tower are drying out too quickly, then water more frequently. Conversely, if the bottom rows of the Tower are drying out too quickly, water for a longer period at a time. Increase the time in 1 minute increments.