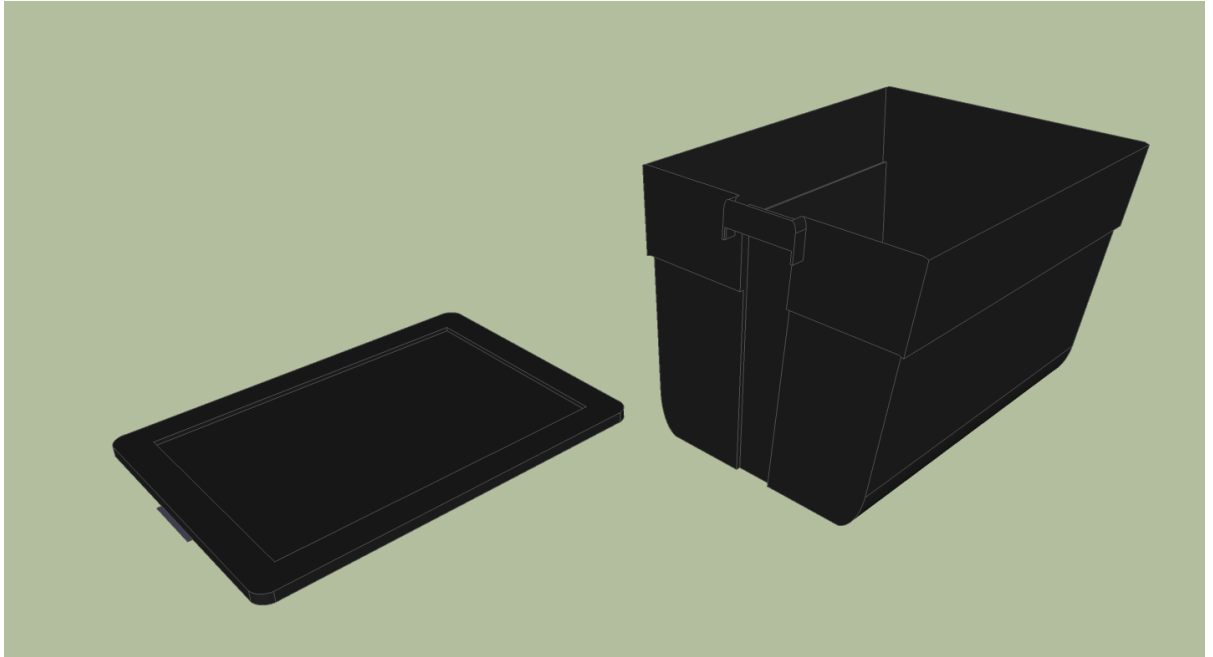


- ((1) 30 Gallon Tote with Lid
- (6) 3/4" slip to 1/2" threaded PVC connectors
- (1) 3/4" slip "T" connector with 1/2" threaded top.
- (1) 1/2" threaded bulkhead fitting with gasket.
- (1) 1/2" barb to male threaded connector.
- (77") 3/4" PVC
- (2) 3/4" slip "T" PVC connector
- (6) 180 degree 1/2" plastic head threaded sprinkler heads
- (1) 12" black flexi-tubing
- (1) 1/2" hose clamp
- (1) 1/2" flexi-tubing shut off valve
- (1) 200 gallon per hour (or equivalent) Fountain Pump
- (1) Tube of 100% Silicon Caulking
- (1) 3/4" slip "cross" PVC connector
- (6) 3/4" slip "elbow" PVC connector
- (1) Indoor/Outdoor Electrical Timer with 30 Minute Increments
- (6 or desired amount) Hydroponic Net Pots with Rubber Foam Lids – You can use any size and quantity you want depending on the plants you are growing. We used six 3.75" net pots with lids.

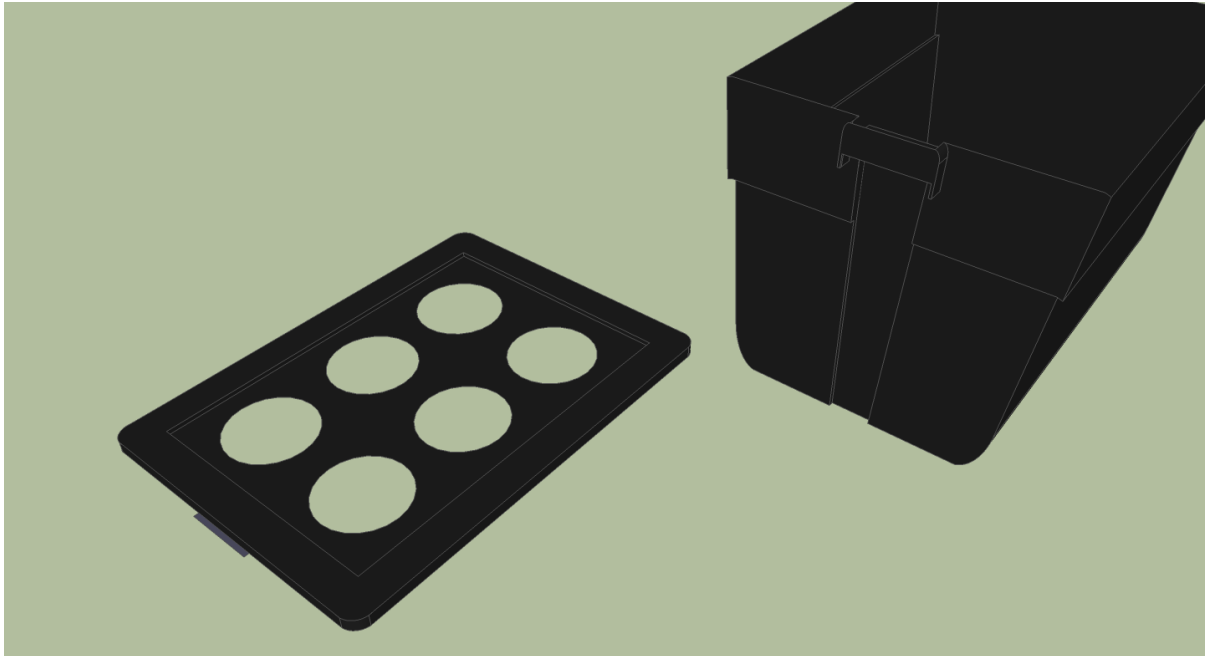
- Caulking Gun
- Saw to cut PVC
- PVC Primer & Glue
- Hole Saw – Appropriate size for desired net pots & bulkhead fitting
- Drill for hole saw
- Teflon Tape
- Tape Measure
- Safety Glasses
- Utility or hobby knife (if you do not wish to use the drill and hole saw)

Instructions



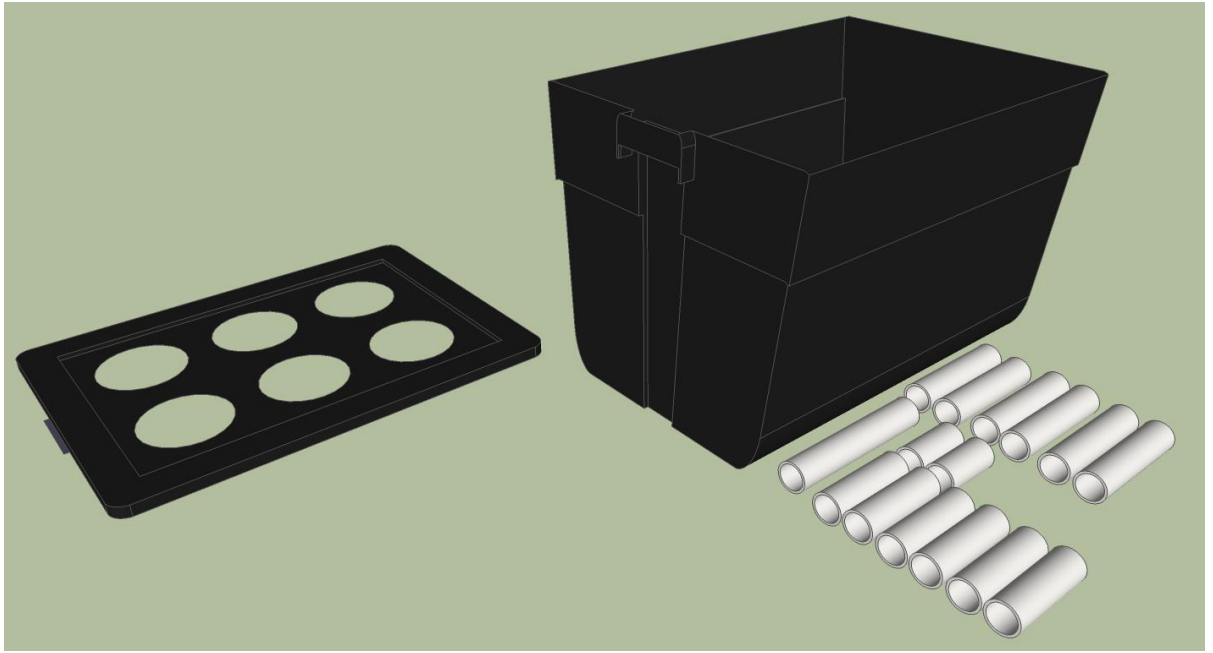
1.

Decide what size net pots you wish to use. The pots should be spaced a few inches apart. We used six 3.75" net pots as we will use primarily to clone tomatoes. Use many smaller pots for smaller crops.



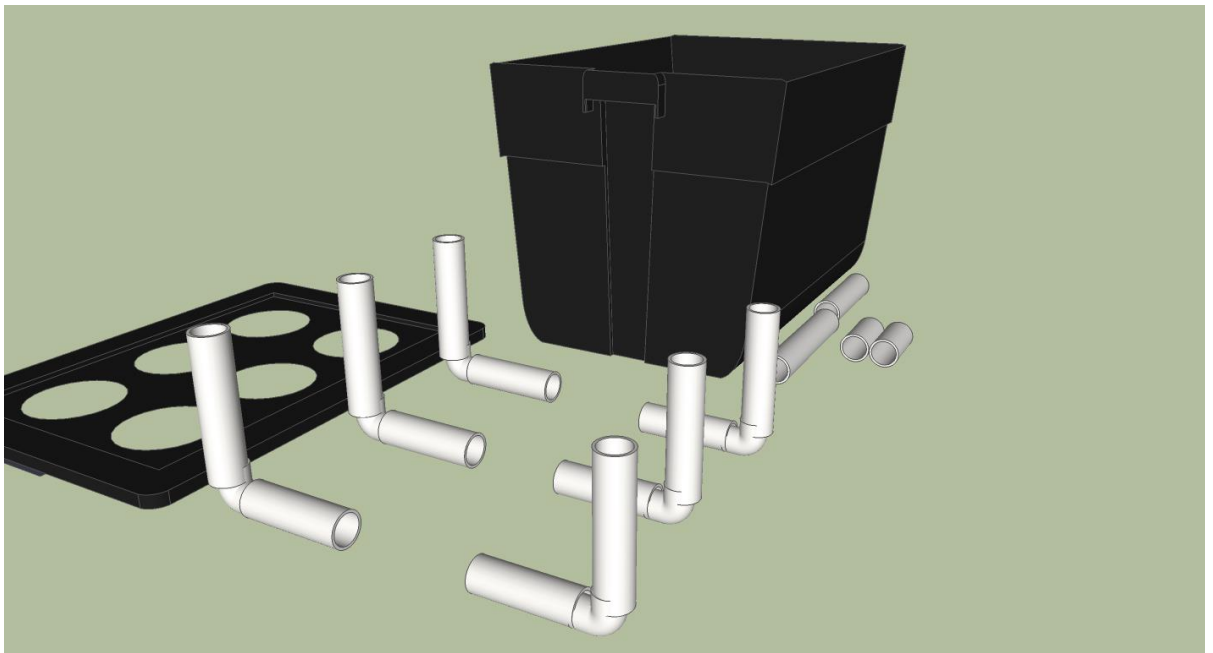
2.

Carefully cut your holes for your net pots. You can carefully use an exacto knife instead of the drill and hole saw. The net pots should fit snugly in to the holes and not fall through.



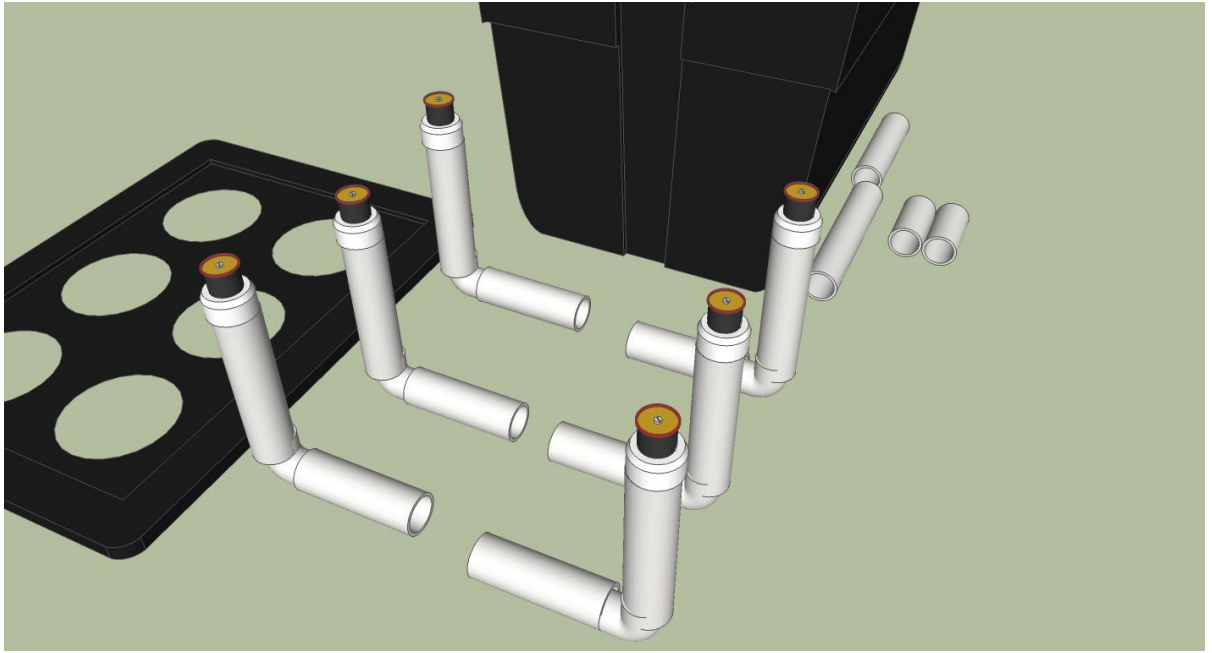
3.

Cut the 3/4" PVC as follows: (6) 4.5", (6) 6", (1) 8", (2) 3".



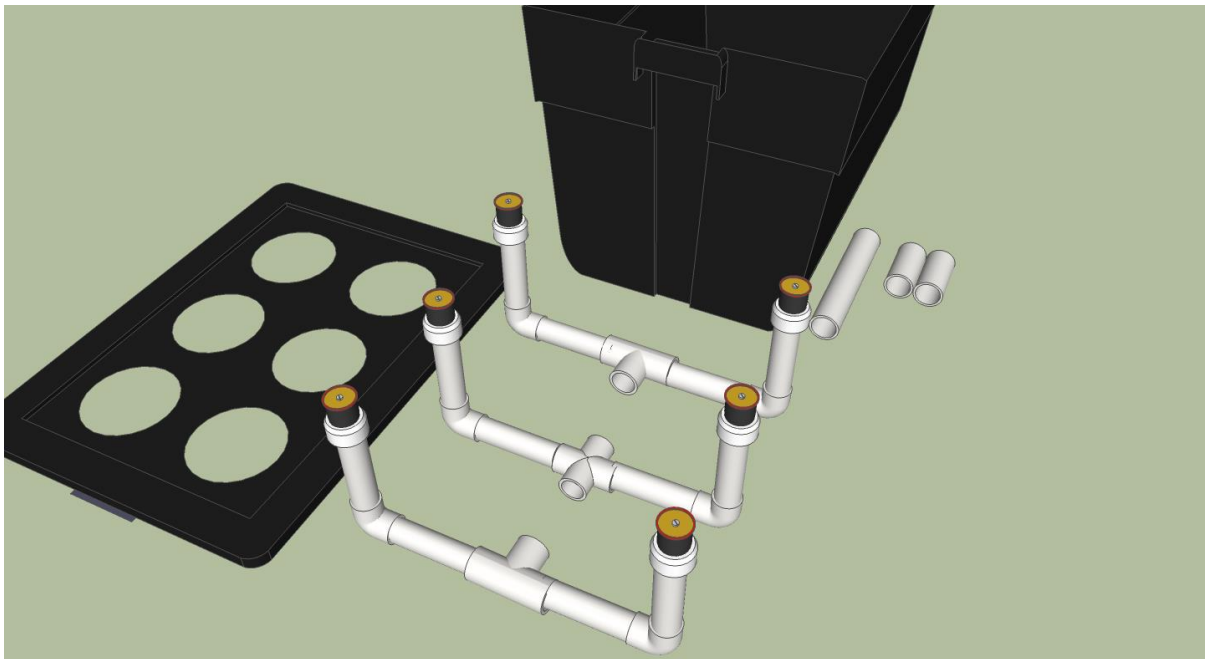
4.

Using the pvc glue and primer, connect the 4.5" PVC pieces to the PVC elbow connector and the 6" PVC pieces as shown. the 6" piece will serve as the riser.



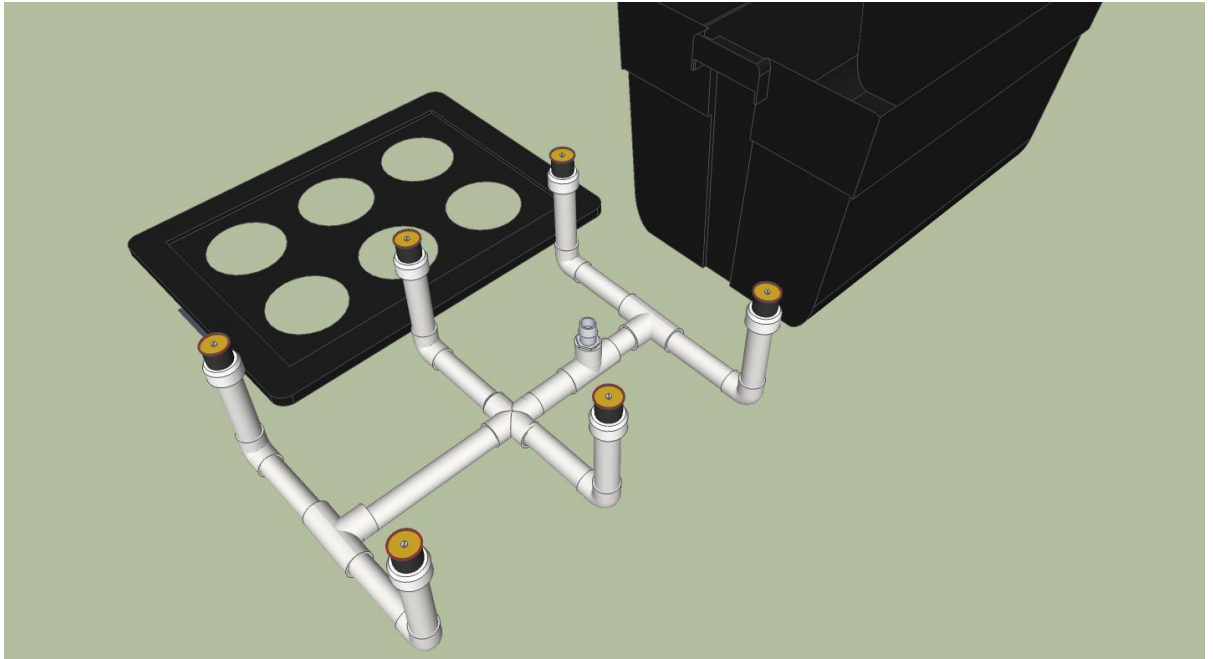
5.

Using the PVC primer and glue, attach the 3/4" slip to 1/2" threaded PVC connector. Screw in the sprinkler heads as shown.



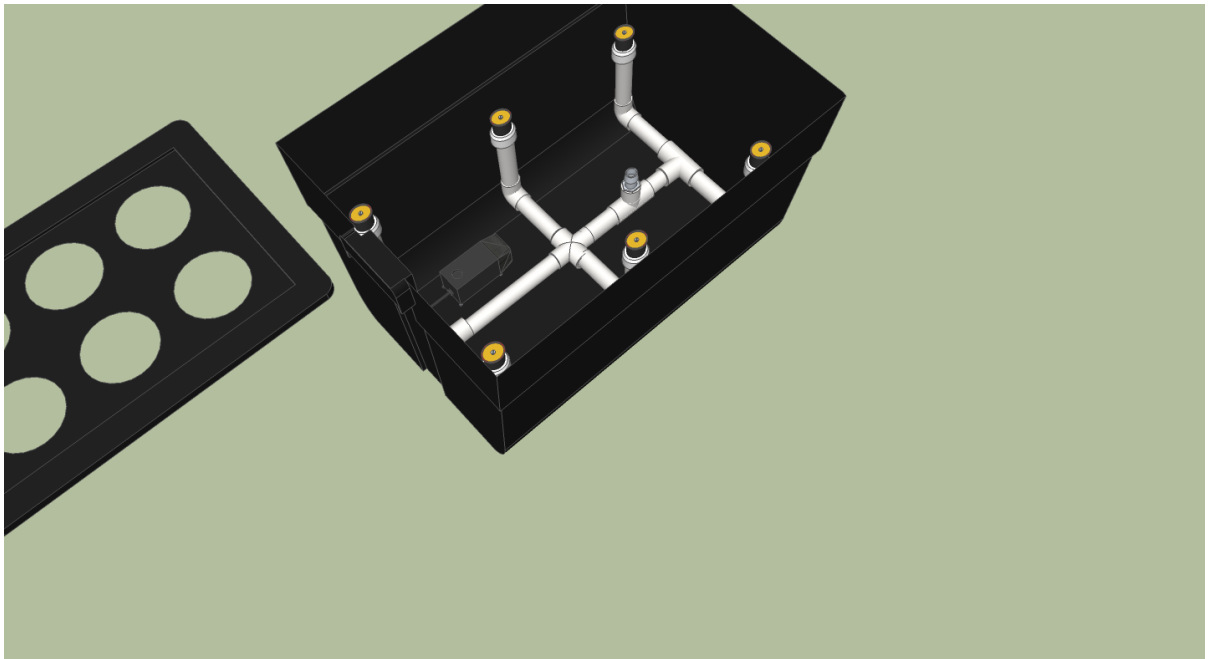
6.

Using the PVC Primer and glue, connect two 3/4" "T" PVC connectors and one 3/4" "cross" PVC connector as shown.



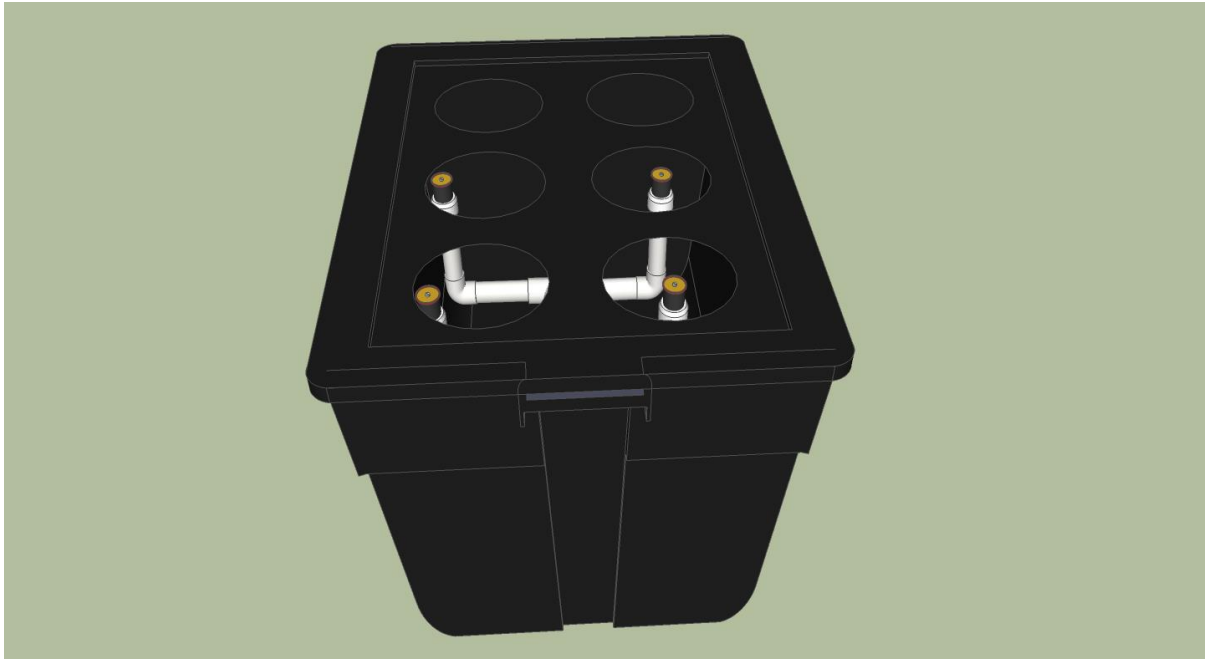
7.

Connect the two 3" PVC pieces to the 3/4" "T" with the threaded 1/2" top. Also connect the 8" section to the risers. Screw in the 1/2" barb to 1/2" threaded connector.



8.

Place the PVC sprinkler unit inside the tote. Connect the fountain pump to the PVC unit with the 1/2" flexi-tubing. Make sure there are no kinks in the tubing.



9.

Using the entire tube of silicone caulking, seal the lid on top of the aeroponics system. Make sure that the seal is airtight with no gaps of coverage. Let completely cure and dry before using. Install the bulkhead fitting at the desired location along the bottom of the unit. Attach the shut off valve with flexi-tubing as a drain valve.



10.

Insert the net pots with foam lids. We place our unit on a timed cycle of 30 minutes on and 30 minutes off. Fill with water to just below the sprinkler heads.

