

# exo

HOME HYDROPONIC SYSTEM

**USER MANUAL**



[exotowers.com](http://exotowers.com)

## TIPS AND TRICKS

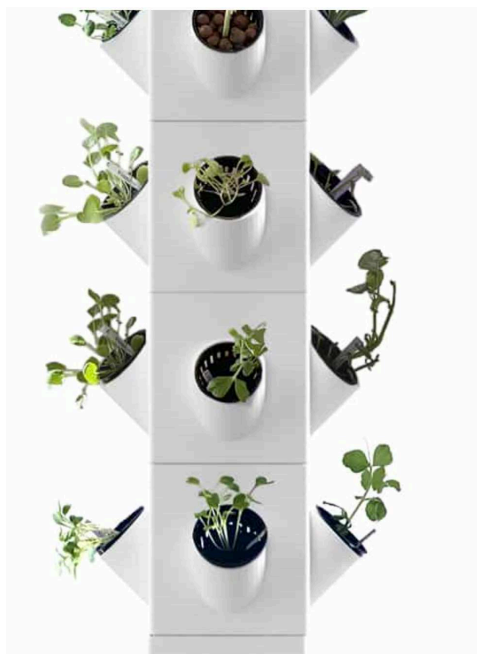
1. For extra stability, exotower modules can be glued with food safe PVC glue. Good to use if you want to glue modules together after you are satisfied with configuration. (Don't glue bottom module).
2. Plants absorb nutrients through the water. Add water weekly or whenever needed but nutrients only once a month. With plant food less is more! Don't over feed.
3. Sounds of the tower will change. Plants and roots are growing and affect water flow.

4. Plant growth can unseat net cups and cause a slight drip; reseal cup.

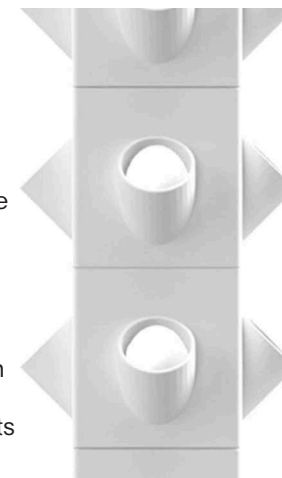
5. Pump rattling can be caused by:
  - suction cups came loose
  - debris, roots, and sediment in the intake filter
  - roots in the pump .UNPLUG pump and clean thoroughly

6. Common plants, sprouted veggies and herbs can be added to the tower by removing them from the pot and gently cleaning dirt from the roots. Place clean roots in net pot, cover with hydro rocks and place in tower. If roots are extremely long, cut a slit into the net pot and thread roots through the pot and place into tower.

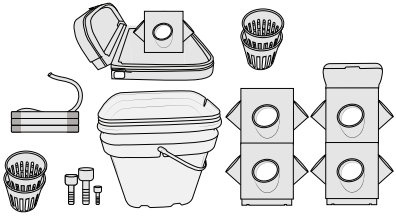
7. Plants mature so do roots. You do not want to have excess roots in your nutrient pail. Trim roots as you see them growing below base of the tower.



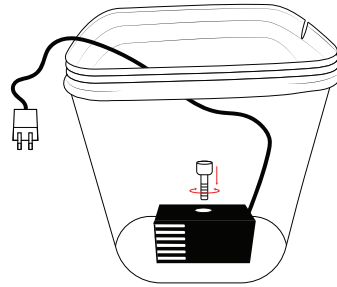
The **EXOTOWER** is a modular, hydroponic system that can grow up to 28 plants, veggies, leafy greens, herbs, micro greens, and flowers in less than two square feet.



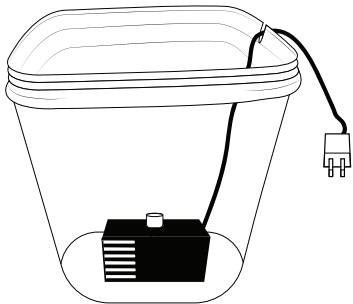
# ASSEMBLY



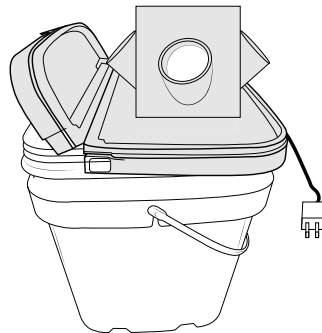
1. Remove all components from the nutrient pail.



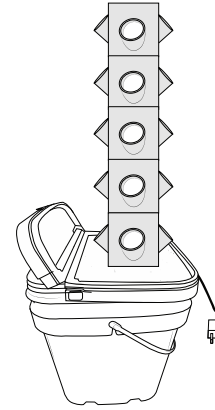
2. Attach correct nozzle fitting for tubing in the pump box. Seat pump in center of nutrient pail and adhere the suction cups to pail bottom.



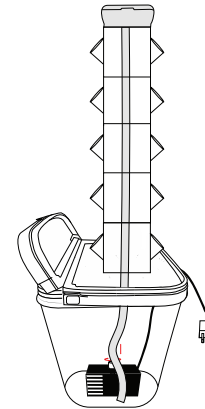
3. Thread the pump cord through notch on the back end of nutrient pail.



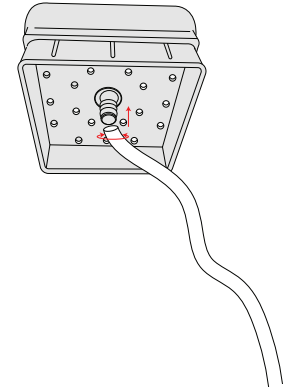
4. Snap the lid onto the nutrient pail; hinged front end accesses the pump. The larger part of the lid snaps over the pail notch. Make sure large part of the lid is snapped on tight. Leave hinged end open. DO NOT pull the side tabs on the lid.



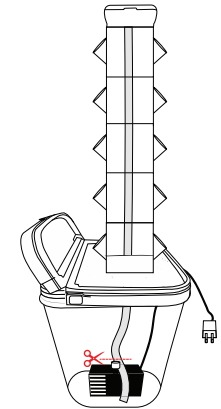
5. Build the tower, stacking grow modules on top of one another (If tower is more than 6 Modules, IT is strongly recommended to GLUE them together using standard, food safe PVC glue.



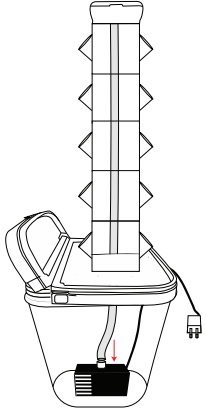
7. Place drain module on top of assembled tower and feed tubing down through modules.



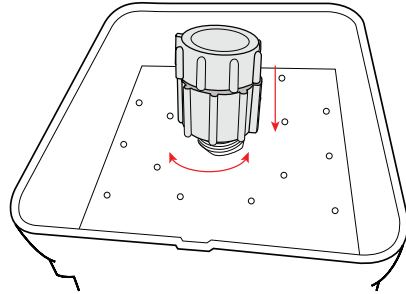
6. Carefully twist the tubing onto the barb on under-side (bottom) of the drain module until it is half way inserted in the tubing. Hold top of barb as you GENTLY twist the tubing. \*Do NOT Force \*



8. Pull tubing to correct length (top of Pump nozzle) and trim off excess.



9. Attach tubing onto pump nozzle that you have attached to the pump earlier then add water and nutrients as needed. Fill nutrient pail up to 1" below top. Mix nutrients in a separate small water container. Making sure all are dissolved.. Add to nutrient pail.



10. This water diffuser is optional. It screws on top of drain Module. **IT MUST BE REMOVED AFTER 3 weeks** this will allow roots to get optimum water.

## Nutrients

Mix 3 teaspoons in a small container of water making sure all nutrient solids are dissolved. Add mixture to the full nutrient pail of water.

*Only feed your plants every 4 weeks. Mix the food the same way you did when setting up the tower.*

Once the nutrients have been added check the PH of the water. Optimal PH is between a 5.5-6.0. If the PH is high add a table spoon of white vinegar and recheck until you get the correct PH.

