

Hydroponic Growing System User Manual



Specification:

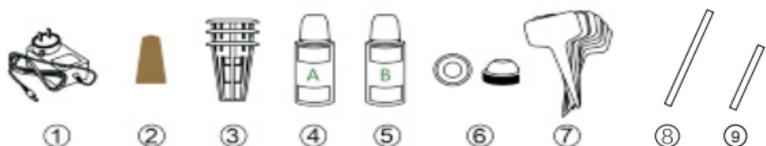
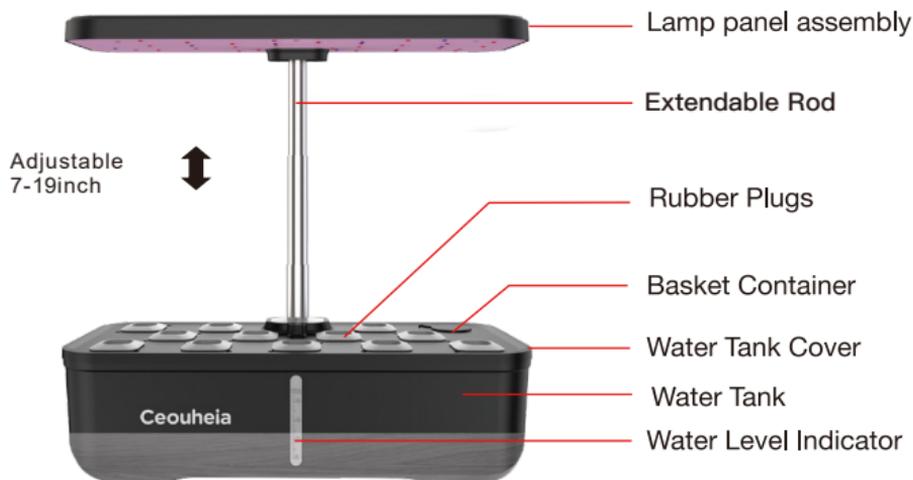
Power Input: AC 110-240V

Power Output: DC12V

Normal Rated Power: 36W

Size: 15.9x7.2x12.8inch

Package Include



- 1.Plug Adapter
- 2.Sponge x 12
- 3.Basket x 12
- 4.Solid Nutrients A
- 5.Solid Nutrients B
- 6.Grow Dome x 12
- 7.Planting Tagsx12
- 8.Plant Support x 12
- 9.The support rod x 4

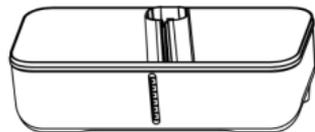
Setup Guide

Easy for first time grower

1. Remove the machine from the box, take off the tank cover and remove the accessories from the tank: plug adapter, extendable rod, planting kit, two bottles of nutrients.

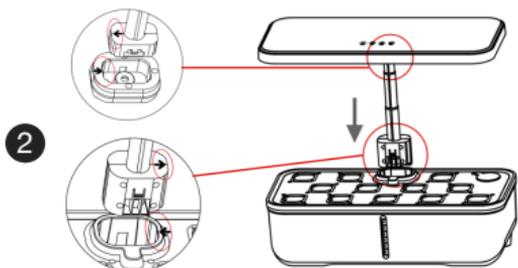


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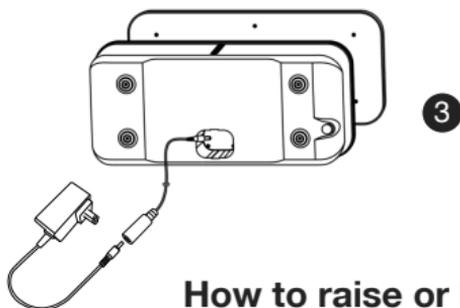


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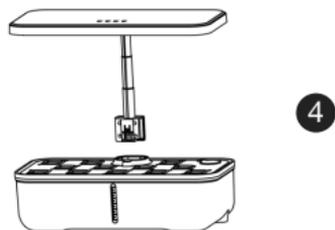
2. As shown below, pull up on the extendable rod. (Tips: Press the water tank while lifting it with one hand and press the pump into the device.)



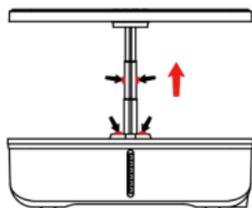
3. Before adding water to the water tank, please connect the power adapter first.



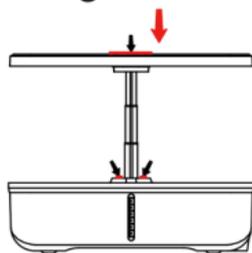
4. Add water and nutrients to the tank, then re-install the LED components into the tank.



How to raise or lower LED lights



Press the bottom of the extendable rod and pull it upward.



Press and hold the bottom of the extendable rod and push the lampshade down.

Tip: When planting a new seed pod kit, set the hood as low as possible.

Plant Your Indoor Garden

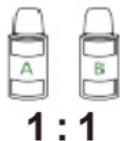
① ADD WATER

- Add cool tap water or distilled water to the tank to the " Max" indicator. Don't use well water or softened water which may result in non-germination or poor growth.

② ADD PLANT FOOD

- Follow the instructions on the nutrient solution bottle and add the appropriate amount of nutrient solution, you can refer to the following chart. (A and B need to be used together in a 1:1 dose and cannot be used separately. NOTE: Do not overfeed plants, more doesn't mean better.)

WARNING: Do not freeze the plant food, do not expose it to light. Keep out of reach of children and pets. Do not swallow.



Water	Nutrient solution
1L	5mlA+5mlB
2L	10mlA+10mlB
3L	15mlA+15mlB

③ PLANT YOUR SEED POD KIT

- Soak the sponges in water or a mild nutrient solution to re-hydrate and prepare them for seeding or cutting.
- Place the seed in the center hole of the sponges. Please make sure that the work area is clean and disease-free before you place the sponges.
- Place grow domes on the seed pods, leave the domes on the pods until the plant nearly touches the domes, then remove.
- Add water to the maximum scale every 2-3 days or as needed. (Attention: Do not let the water line go below the sponge, otherwise the plants will be deprived of water and nutrients.)

④ TRANSPLANT

- When the root emerges, it can be transplanted.

NOTE: Plants grow best and look best if tall plants are in the back row, medium plants along the sides, and short plants are in the front. Plant labels help to keep track of plant species and planting times.

Control Panel Settings



Power

1. Power: After the product is powered on, the power indicator light will flash slowly. Press the power button, all the LED lights will turn on, and the machine will enter Vegetable Mode automatically.



Veg

2. Veg: When the veg button is pressed, the red, blue, and white LED lights will turn on and the indicator light will turn on when working.

Automatic on and off timer works on a 24-hour cycle. The hydroponic system is powered on for 16 hours, after which the system will work automatically at the same time the next day.



Flower

3. Flower: When the flower button is pressed, the red and white LED lights turn on and the indicator light turns on when working.

When flower mode is selected, the hydroponic system will light up for 16 hours and then repeat this duty cycle.



Pump

4. Pump: When the power button is pressed, the pump button indicator lights up at the same time and the pump enters a duty cycle of 30 minutes on and 30 minutes off.

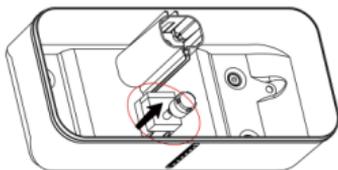
[NOTE: You can control the lighting time of the LED light according to the cycle working time of the automatic system. For example, if it can be turned on at 7:00 in the morning, the LED will automatically turn off at 23:00 in the evening without disturbing sleep.]

About the Indicator Lights:

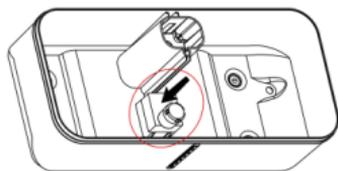
1. After connecting the power adapter, the power indicator light will flash, indicating that the system is powered on normally, the self-test is completed, and the project can be used safely.
2. The power indicator light flashes, indicating that the machine is in standby mode, the machine does not work in any mode at this time, including the pump. Need to press the power, pump, and related mode buttons to enter the working mode.
3. Note that during the 8 hours when the circulatory system of the machine is automatically turned off, the LED light panel is not on, but the relevant indicator lights are still on, indicating that the machine is running normally.

Attention :

1. Please clean the pump every 2-3 weeks to keep the pump running properly.



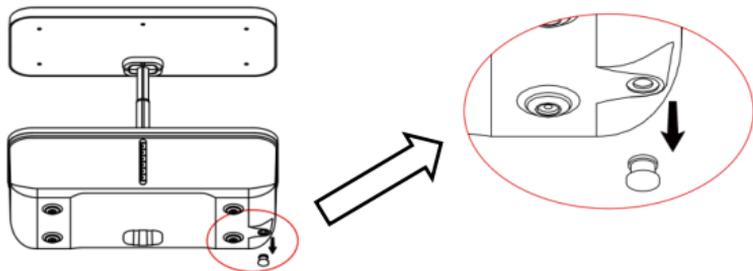
Take out the pump for cleaning



Put the pump back in place
after cleaning

About the Indicator Lights:

2. When you want to drain water, please pull out the rubber plug at the bottom of the tank; after draining, please remember to put the rubber plug back to its original position.



FAQ

1. How to clean the pump?

Step 1: Turn off the system power.

Step 2: Remove the extendable rod and the cover of the water tank.

Step 3: Take out and open the pump, then take out the sponge filter inside and rinse together with clean water; any detergent will damage the nutrient balance;

Step 4: Re-install and reboot the machine.

2. Why do only a few plants grow, and once they do, they will quickly wither?

a. The seeds you buy will make a big difference. For best results, please purchase seeds from reliable manufacturers and avoid using seeds that are not suitable for hydroponic system.

b. Make sure you are using the correct ratio of nutrient solution in the water, the distance of the LED light from the plant, and the temperature specified in the user manual.

3. Can the sponge be reused?

If you pull out the stem of the plant, it is reusable, but we do not recommend this because it is not as good as the first use, we have a dedicated link to buy additional sponges.

4. Will removing the plants from the sponge kill them? (For example, if I want to move it to the pot)

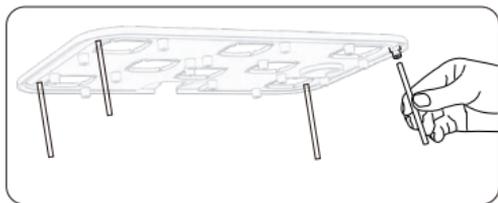
Usually not, but you'd better wait until the plants are growing vigorously before transferring to increase the survival rate.

5. Why the LED light can not be turned on?

Push the rod down or re-insert it into the bottom then press the " power " button and the lamp will light up.

6 . How to install the support rod of the water tank cover?

Insert four 90mm long pillars into the four corner holes on the reverse side of the water tank cover



After-sales Service Guarantee

Dear Customer

Thank you for choosing the Tiltop hydroponic growing system.

To protect your rights, if you have any questions, please feel free to contact us.

Q: What should I do if I receive a defective product/missing accessories/have issues during use?

A: Please take a photo and contact us in time with your order number, we will take further action when we receive your message.



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