

Please spray water daily to keep a highly humid environment for young plants.

2-C. Leafy stage:

Please add Salt #1 to increase EC from 0.8 to 1.2 to grow larger leaves

2-D. Remarks:

Salt #1 is a food grade nutrition and for the young plant stage and the leafy stage.

OPCOM sorts out the nutrients with clear identifications to simplify the planting process.

D. Troubleshooting

Issue	Checkpoints / Solution
Lighting problem	Make sure all power Connectors are connected. Make sure Power button is ON. Make sure LED status is ON If LED Status is on High LOW mode, the lamp has Timer off, 8hours/15hours off time, during 24-hour cycle.
Pump buzzing noise	Pump may give off a buzzing sound in the beginning due to air inside the pump. After a minute with water running through the pump, this could be reduced.
The lamp/ pump stop after hours	Control Box is designed with ON, HIGH, and LOW modes, switeting the lamps and the pump on and off at certain intervals. It simulates an outdoor daily cycle to offer the best growing condition. Rotate the ring at the front end of the pump clockwise or counterclockwise to reach the most suitable water flow.

E. Maintenance

Renewing Water Nutrition

Please follow the instructions in C4 to renew the nutrients in the water. We recommend renewing the nutrients once in a couple weeks.

EC Meter Use and Calibration

1. Everytime you use the EC Meter, please clean the electrode with regular water and keep it dry when stored.
2. Cover up the electrode protective cap when it's not at use.
3. Turn off the meter when it's not at use within an extended amount of time

Soil plant:

A standard 54cm x 28cm seedling tray(21-200 slots) is optional according to the size of your plants before placing them in the planting tank.

Planting Environment Notification

This product is designed for indoor farm. Without built-in temperature control, our product works best within a temperature range of 18°C~30°C, specifically, 25°C.
Except for special plants that naturally grow in higher or lower temperatures, please adjust the air circulating fans once the indoor temperature exceeds the range to sustain the plants' growth.

APP Download



Smart Life (Android)



Smart Life (Apple)

Feel free to visit the OPCOM website for more details!



www.opcomfarm.com

Indoor Farm Families

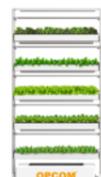
GrowBox



Grow Wall



Grow Wall 3



Grow Cube



GrowBox 2



Grow Tank



GrowCube[®]

Minimum space, Maximum capacity



Free Stackable for Various Farm and Garden

Quick Guide Manual

Thank you for purchasing OPCOM GrowCube, the indoor hydroponic soil growth system. It is designed to be easily installed as stackable walls. Please read the manual in detail before setting up. For further information.

A. Assembly

A1. Check all accessories first



Assembly

Top COVER x 1 pc Bottom COVER x 1 pc Column x 4 pcs Screw pack x1pc

Pump x 1pc Filter sponge x 1pc Manual Warranty Card

Grow kit

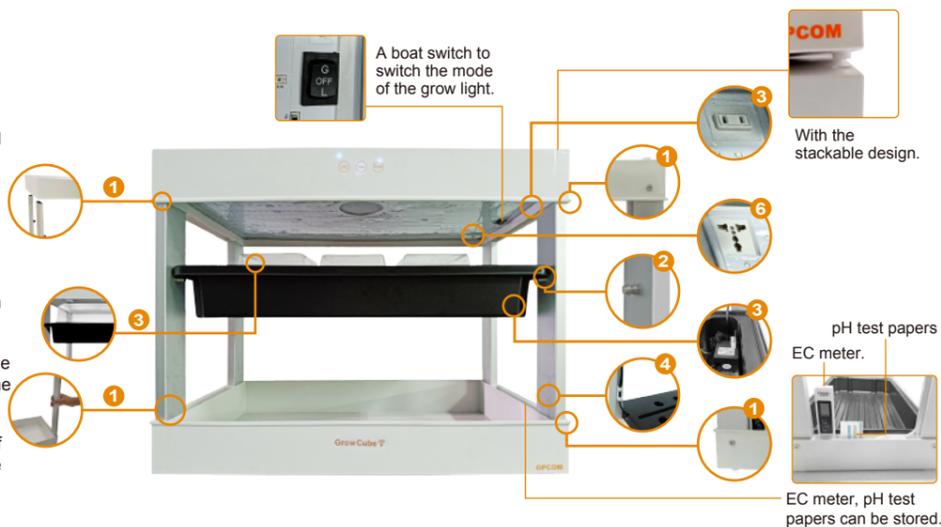
Planting Tank x1pc Hydroponic Planting Tray (26 holes) x1pc Humidity Cover x1pc Seedling Tray x3pcs planting basket (25mm) x26pcs Grow Sponge 30pk x3 Cleaning Sponge x1pc

Nutrition

Salt #1 (Nutrition) 250mlx1 Soda #1 (pH+) 50mlx1 Lemon #1 (pH-) 50mlx1 Scoop for Adjust of Nutritio (5g) x1pc EC Meter x1pc pH test paper x1pc

A2. Easy Set up

- Install 4 uprights in the upper and lower covers, and lock the screws on the left and right sides.
- Put the planting tray into the upper and lower covers and start hydroponic or soil cultivation.
- If it is hydroponics, fix the water pump on the acrylic of the water basin with a suction cup, and then insert the power plug of the water pump into the socket of the upper cover to supply oxygen.
- Secure the wires of the water pump in the 2 wire clips on the right front column.
- Secure the power cord in the 2 wire clips on the back side of the right rear column, and insert the power plug into the socket.
- There is an AC socket on the side of the power socket of the upper cover, which provides the power supply for the expansion machine. (No more than 10A total power consumption)



B. Remote Control Button

Panel control

	Fuction	Operation	Status	Panel Light
LED	LED	Long press 5 sec	Wifi pairing	●
		One Press	ON	●
		One Press	OFF	●
Fan	Fan	One Press	ON	●
		One Press	OFF	●
Pump	Pump	One Press	ON	●
		One Press	OFF	●

Top cover LED light switch

	Fuction	Operation	Status
LED grow light planting mode	LED grow light planting mode	Switch to G	G
		Switch to OFF	OFF
		Switch to L	L

C. Planting

C1.Mode setting: Choose between G mode and L mode with a switch on the LED grow light board on the top cover to automatically grow any plant you like.

G mode setting with balance Red/ Blue white/ UV/ IR wave lights

Young Plants

Herbs

Sprout

Microlandscape

L mode setting with high Red and IR wave lights

Leafy

Lettuce

Mini Garden

Mini Flower

C2.Soil and Hydroponic farming

Soil farming

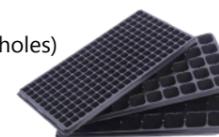
Turn off the pump when planting with soil.



Hydroponic farming



#1:Seedling tray. (54x28cm, 21-200 holes)



#2:Keep the water level of 2 cm high in the water box, which can maintain long-term growth.

C3.Grow Kit:

OPCOM grow kit supplies approximately half years planting materials, including planting trays, baskets, and sponges. Please insert 3 seeds into the cross on each sponge 5mm in depth, then fill up the tray with drinking water until the waterline covers half of the sponge. Cover the tray up and place it in a dark, humid place. It will sprout within a week. When the number of sprouts exceeds 70% (young plant stage), expose the tray under LED light or sunlight for it to grow. Once the plant reaches 3" in height, it's ready to be planted with OPCOM farm machines with automatic settings and preset modes. Make sure each young plant has roots that extended out of the bottom of the sponge to absorb the nutrition reflowing in the machine.

C4. Hydroponics Nutrition Solution:

1. pH:

Keep the pH within the 5.5-6.5 range (yellow-green color on pH test paper) to maintain the best hydroponics condition, please do not use tap water, steam water, or drinking water. Soda is for pH+ and Lemon is for pH-. You may test the water with the pH test paper provided.

2. EC:

2-A. Sprout Stage:

Please grow the sprouts in the seedling trays and keep it in a dark and highly humid environment (better with a cover)

2-B. Young plant stage:

Once 70% of the seeds sprout, move the seedling tray under LED/sunlight and add Salt #1 to keep the EC at 0.8. Please spray water daily to keep a highly humid environment for young plants.