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> [GOLUMUP Hydroponics Growing System 12 Pods Indoor Herb Garden with LED Light, Model PH001 User Manual](#)

GOLUMUP PH001

GOLUMUP Hydroponics Growing System

MODEL PH001 USER MANUAL

1. INTRODUCTION

Thank you for choosing the GOLUMUP Hydroponics Growing System. This system allows you to cultivate herbs, vegetables, and flowers indoors without soil, providing an efficient and clean gardening experience. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your hydroponic garden to ensure optimal plant growth.



The GOLUMUP Hydroponics Growing System, featuring a white base, LED grow light, and multiple plant pods for indoor herb and vegetable cultivation.

2. PRODUCT COMPONENTS

Before assembly, please ensure all components are present and undamaged. Refer to the diagram below for identification.

- LED Light Panel
- Lamp Extension Pole
- Germination Basket Kit (12 pods, no seeds included)
- Water Opening
- Water Tank
- Water Pump
- Water Level Indicator
- Power Supply

Enjoy your home-grown fruits and vegetables



Basil



Arugula



Spinach



Oregano



Stevia



Mizuna



Rosemary



Cherry tomato



Strawberry



Chili

An exploded view diagram illustrating the main components of the hydroponics system, including the LED light panel, lamp extension, germination basket kit, water opening, water tank, water pump, water level indicator, and power supply.

3. SETUP INSTRUCTIONS

Follow these steps to set up your GOLUMUP Hydroponics Growing System:

1. **Install the Main Unit:** Assemble the LED light panel onto the lamp extension pole, then insert the pole into the base unit. Ensure it is securely fitted.
2. **Mount Germination Basket Kit:** Place the germination baskets into the designated holes on the top cover of the water tank. Insert your chosen seeds into the grow sponges within these baskets.

3. **Add Water and Nutrients:** Open the water opening and fill the water tank with 0.5-1 liter of clean water. Add 1 gram of hydroponic nutrient solution (not included) per liter of water. Do not exceed the 'MAX' fill line on the water level indicator.
4. **Connect Power and Select Mode:** Plug in the power supply. Press the power button on the control panel and select your desired growth mode to start your garden.



A miniature plantation and garden



A visual guide demonstrating the four primary setup steps: installing the main unit, mounting the germination basket kit, adding water and nutrients, and selecting a growth mode.

4. OPERATING INSTRUCTIONS

The GOLMUP Hydroponics System features a smart control panel for easy operation.

How to use it ?



1 Install this machine



2 Mount germination basket kit



3 Add water
Nutrient 1g : Water 0.5-1L



4 Press the "⏻" button and choose the mode start your garden

The control panel of the hydroponics system, showing buttons for power, growth modes, light intensity, timer settings, pump cycle, and mute function.

- **ON/OFF Button:** Powers the system on or off.
- **Growth Modes:** Select from 4 growth modes:
 - **Sprout:** For initial germination.
 - **Seeding:** For young plants.
 - **Flowering:** For plants producing flowers or fruits.
 - **Ripening:** For the final stage of fruit development.

- **Light Brightness:** Adjust light intensity (Low/High).
- **Timer Modes:** Set the light cycle duration (8H, 10H, 12H). The system will automatically turn off after the set time and turn on again at the same time the next day.
- **Pump Cycle:** Controls the water pump operation.
- **Mute:** Silences system alerts.

Water Level Indicator:

Monitor the water level using the indicator on the side of the unit. Refill water when it drops below the minimum line. The system may also provide a water shortage reminder.

5. PLANT GROWTH GUIDANCE

For optimal plant development, consider the following guidance:

- **Nutrient Management:** Regularly check the water level and replenish water and nutrients as needed. The frequency depends on plant type and growth stage.
- **Light Panel Adjustment:** As plants grow taller, adjust the height of the LED light panel to ensure all leaves receive adequate light. The light panel should be positioned a few inches above the tallest plants.
- **Pruning:** Prune your plants regularly to encourage bushier growth and prevent overcrowding.



Jul. 12

Sprout
60%RH
27°C



Jul. 17

Seedling
63%RH
25°C



Jul. 22

Plant
61%RH
26°C



Jul. 24

Plant
65%RH
27°C



Jul. 28

Plant
60%RH
24°C



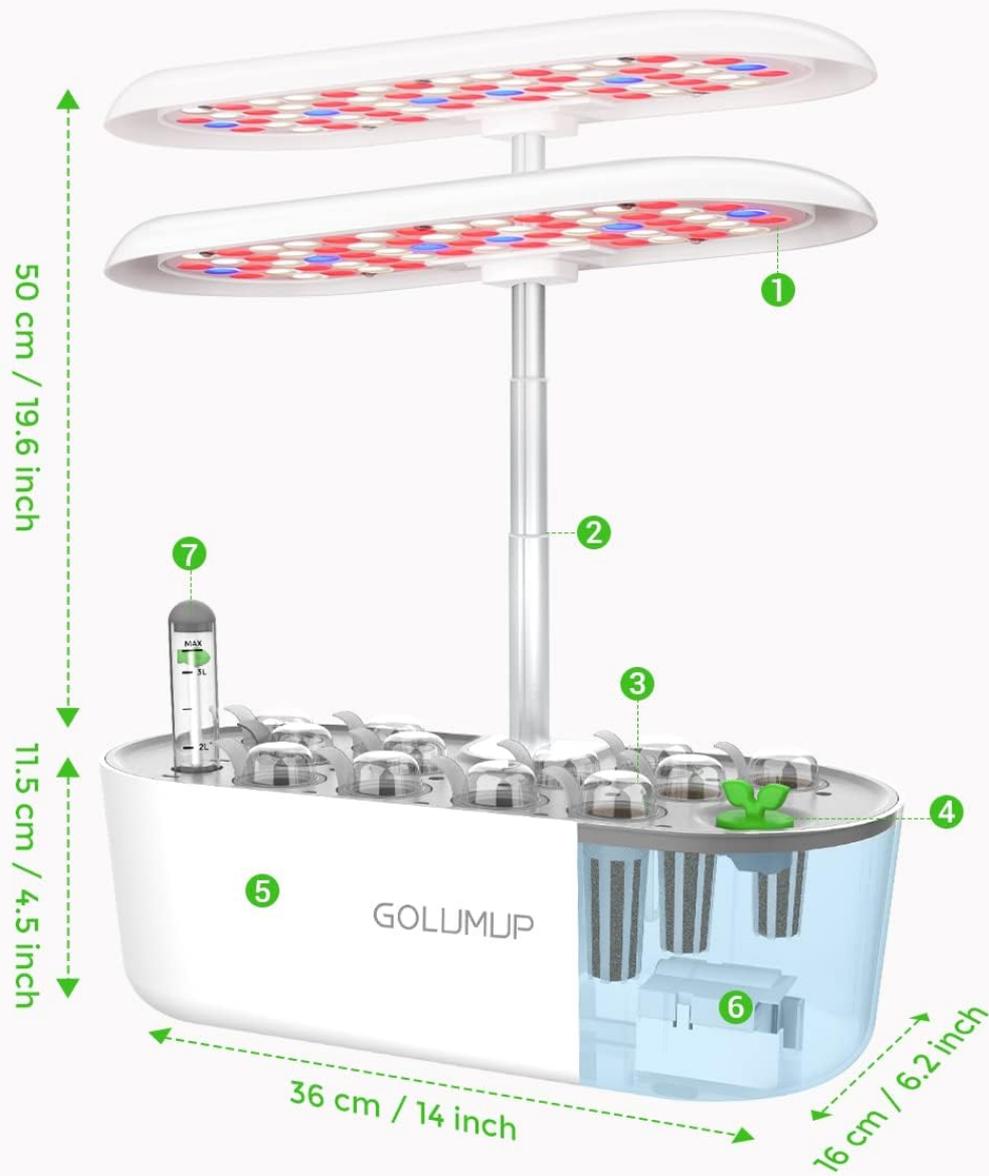
Aug. 2

Plant
63%RH
25°C



It is recommended to raise the light panel to a sufficient height to ensure that the light covers all the leaves.

A visual timeline depicting the growth progression of plants from sprouting to mature stages, emphasizing the importance of adjusting the LED light panel height to cover all leaves as plants grow.



① LED light panel	⑤ Water tank
② Lamp extension	⑥ Water pump
③ Germination basket kit (no seed)*12	⑦ Water level indicator
④ Water opening	⑧ Power supply

An illustration showcasing various herbs and vegetables such as basil, arugula, spinach, oregano, stevia, mizuna, rosemary, cherry tomato, strawberry, and chili, which can be successfully cultivated using this hydroponic system.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your hydroponics system.

- **Water Tank Cleaning:** It is recommended to clean the water tank every 2-4 weeks, especially when changing plant cycles or if algae growth is observed. Empty the old water, rinse the tank thoroughly with clean water, and refill with fresh water and nutrients.
- **Nutrient Solution Replacement:** Replace the entire nutrient solution every 2-3 weeks to ensure plants receive a balanced supply of minerals. Simply topping off with water is not sufficient for long-

term health.

- **Pump Maintenance:** Periodically check the water pump for any blockages from plant debris or nutrient residue. Clean the pump filter if accessible, following manufacturer guidelines.
- **Light Panel Cleaning:** Gently wipe the LED light panel with a dry or slightly damp cloth to remove dust and ensure maximum light output.

7. TROUBLESHOOTING

If you encounter issues with your GOLUMUP Hydroponics System, refer to the following common problems and solutions:

- **LED Light Not Working:**
 - Ensure the power supply is securely plugged into both the unit and a working electrical outlet.
 - Check if the light timer mode is correctly set. The light will turn off during its programmed dark cycle.
 - If the light is completely unresponsive, try unplugging and re-plugging the unit to reset it.
- **Pump Not Operating:**
 - Verify that the water level is above the minimum line. The pump may not activate if the water level is too low.
 - Check for any blockages in the pump or tubing. Clean if necessary.
 - Ensure the pump cycle setting is active on the control panel.
- **Plants Not Growing / Yellowing Leaves:**
 - **Nutrient Deficiency:** Ensure you are using appropriate hydroponic nutrients and replacing the solution regularly (every 2-3 weeks).
 - **Insufficient Light:** Adjust the LED light panel closer to the plants and ensure the light duration is appropriate for the plant type (e.g., 12-16 hours for most leafy greens).
 - **Water Quality:** Use clean, filtered water. Tap water can sometimes contain chlorine or other chemicals that may harm plants.
 - **Temperature/Humidity:** Maintain a suitable room temperature (typically 20-25°C) and moderate humidity for optimal growth.
- **Automatic Timer Function Failure:**
 - Ensure the system is not experiencing power interruptions. Even brief power outages can disrupt the timer.
 - Try resetting the timer by turning the unit off and on, then re-selecting your desired light cycle.
 - If the issue persists, contact customer support.

8. SPECIFICATIONS

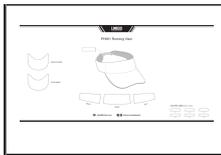
Model Number	PH001
Product Dimensions	36 x 16 x 12 cm
Item Weight	1.8 kg
Number of Pods	12

Water Tank Capacity	Approximately 3.5L (based on product images, though not explicitly in specs, 0.5-1L fill is mentioned for initial setup)
Light Power	26W (as per product images)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact GOLUMUP customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - PH001



[LIMKOO PH001 Running Visor - Performance Headwear](#)

Explore the LIMKOO PH001 Running Visor, engineered for athletes seeking comfort and sun protection during runs and outdoor activities. Features a lightweight design and adjustable fit.