

Yoocaa Upgrade IGS-20

Yoocaa 12 Pods Hydroponics Herb Garden: User Manual for Model Upgrade IGS-20

Model: Upgrade IGS-20

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Yoocaa 12 Pods Hydroponics Herb Garden, Model Upgrade IGS-20. This indoor gardening system is designed to help you grow various plants, herbs, and vegetables efficiently without soil, providing a convenient and clean way to cultivate fresh produce indoors.

PRODUCT COMPONENTS

Familiarize yourself with the components of your hydroponic system:

- **Main Base Unit:** Contains the water reservoir and pump.
- **Grow Deck:** Holds the 12 plant pods.
- **LED Grow Light Panel:** Provides light for plant growth.
- **Adjustable Lamp Post:** Allows height adjustment for the grow light.
- **Water Level Indicator:** Shows the current water level in the reservoir.
- **Plant Pods/Baskets:** For holding seeds and growing media.
- **Dome Covers:** For initial seed germination.
- **Nutrient Bottles (A & B):** Essential plant nutrients.
- **Power Adapter:** To power the unit.

Note: Specific quantities of pods, domes, and nutrients may vary. Refer to your packaging for exact contents.

SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all parts from the packaging and place them on a clean, flat surface.
2. **Assemble the Lamp Post:** Insert the adjustable lamp post into the designated slot on the main base unit. Ensure it is securely fitted.

3. **Attach the LED Grow Light:** Connect the LED grow light panel to the top of the adjustable lamp post.
4. **Place the Grow Deck:** Position the grow deck onto the main base unit.
5. **Insert Plant Pods:** Place the empty plant pods/baskets into the openings on the grow deck.
6. **Fill with Water:** Fill the water reservoir with clean water up to the 'Max' line indicated by the water level indicator. Do not overfill. The capacity is approximately 3.5 liters.
7. **Add Nutrients:** Follow the instructions on the nutrient bottles (A & B) to add the appropriate amount of plant food to the water reservoir. Mix gently.
8. **Insert Seeds/Seedlings:** Place your chosen seeds or small seedlings into the plant pods. If using seeds, cover them with the dome covers for initial germination.
9. **Connect Power:** Plug the power adapter into the unit and then into a standard electrical outlet.



Image: Assembled Yoocaa Hydroponics System with key dimensions. This shows the adjustable lamp post and the overall size of the unit, including the 19.4-inch adjustable height.

OPERATING INSTRUCTIONS

1. LED Grow Light Operation

The Yoocaa Hydroponics Herb Garden features an 80 LED, 36-watt full-spectrum grow light system designed to optimize plant growth. The system offers different light modes:

- **Flowers & Fruits Mode:** Utilizes red, blue, and far-red light to promote flowering and fruiting.
- **Vegetables Mode:** Focuses on red, far-red, and white light to encourage leafy growth.

The light cycle is automatic, typically operating on a 16-hour on / 8-hour off schedule. Refer to the control panel for specific mode selection and timer settings.



Image: Illustration of the two LED grow light modes: Flowers & Fruits Mode and Vegetables Mode, showing the different light spectrums used for each.

2. Water Circulation System

The system includes an automatic water circulation pump to increase oxygen in the water and prevent root rot.

The pump operates on a cycle of 30 minutes on / 30 minutes off with low noise.

Ensure the water level is maintained between the 'Min' and 'Max' lines on the water level indicator. Refill with water and nutrients as needed, typically every 1-2 weeks, depending on plant consumption.

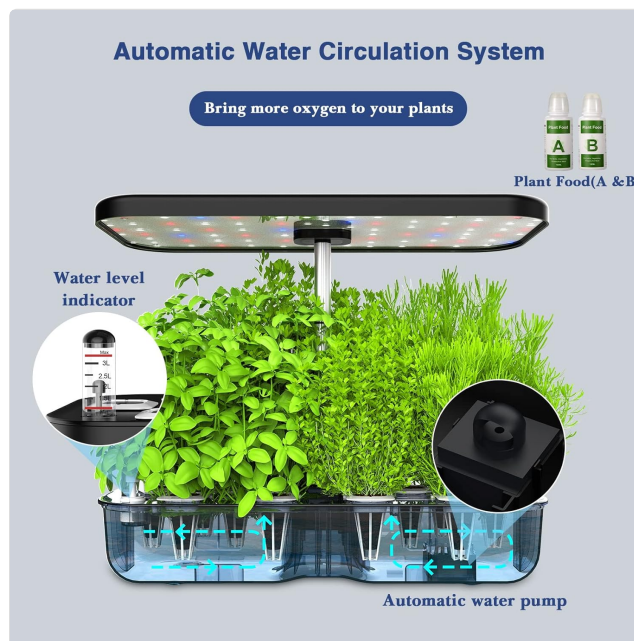


Image: Diagram showing the automatic water circulation system, water level indicator, and the placement of plant food bottles. The arrows indicate water flow.

3. Adjusting Lamp Post Height

As your plants grow, adjust the height of the LED grow light panel to maintain an optimal distance from the plant canopy. The lamp post is adjustable up to 19.4 inches (49.3 cm) to accommodate various plant sizes and growth stages.

Regular adjustment prevents light burn and ensures all plants receive adequate light.

4. Transplanting

Once seedlings have established strong root systems in the hydroponic system, they can be transplanted to soil

pots or an outdoor garden if desired. The plant pods are designed for easy transplanting.



Image: Visual guide demonstrating how to transplant a plant from the hydroponic pod to soil, showing the root system developed in the pod.

MAINTENANCE

- **Water Level:** Check the water level daily and refill as necessary.
- **Nutrient Replenishment:** Replenish nutrients every 1-2 weeks, or as indicated by plant growth and water consumption. Follow nutrient bottle instructions carefully.
- **Reservoir Cleaning:** Every 2-4 weeks, or when changing plant cycles, empty the reservoir, clean it with mild soap and water, rinse thoroughly, and refill with fresh water and nutrients. This prevents algae buildup and maintains water quality.
- **Pump Cleaning:** Periodically clean the water pump to ensure proper circulation. Disconnect power, remove the pump, and clean any debris from the impeller.
- **Pod Cleaning:** Clean plant pods and grow domes between uses.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Plants not growing	Insufficient light, incorrect nutrient levels, old seeds, improper temperature.	Adjust light height, check nutrient concentration, use fresh seeds, ensure room temperature is suitable for plant type.
Algae growth in reservoir	Excess light exposure to water, high temperatures, infrequent cleaning.	Ensure grow deck covers the reservoir completely, clean reservoir regularly, maintain cooler water temperatures if possible.
Pump not working	Power disconnected, pump clogged, pump malfunction.	Check power connection, clean pump impeller, contact customer support if pump is faulty.
Leaves turning yellow	Nutrient deficiency, overwatering (unlikely in hydroponics but possible if roots are submerged without oxygen), incorrect pH.	Check nutrient levels and replenish, ensure pump is circulating water, monitor plant health.

SPECIFICATIONS

Feature	Detail
Model Number	Upgrade IGS-20
Number of Pods	12
Grow Height (Adjustable)	Up to 19.4 inches (49.3 cm)
LED Wattage	36 Watts (80 LEDs)
Water Reservoir Capacity	3.5 Liters
Planting Method	Hydroponic (Water)
Dimensions (L x W x H)	15.35 x 11.81 x 6.3 inches (39 x 30 x 16 cm)
Material	Metal, Plastic
Power Source	Corded Electric
Special Features	Self-watering, Automatic Water Circulation, Adjustable LED Light

Foolproof Automatic Hydroponics System

Become an instant green thumb


Yoccaa	Vs	Others
		
 Pods: 12 		less than 12 
 Growing Space: Big 		Small 
 Water Tank: Big (3.5L) 		Small(add water frequently) Oxygen 
 Growing Speed: Auto-pump increase oxygen 		Deficiency(easy grow alga) 
 Pump Noise: Quiet (under 30db) 		Noisy (exceed 30db) 
 How to Use: Auto-illumination time 		Manually 

Image: Comparison chart highlighting features of the Yoccaa system (12 pods, large growing space, 3.5L water tank, auto-pump for oxygen, quiet pump, auto-illumination time) against a generic alternative.

WARRANTY AND SUPPORT

The Yoccaa 12 Pods Hydroponics Herb Garden comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact Yoccaa customer support through the retailer's platform or the contact information provided with your purchase.

When contacting support, please have your model number (Upgrade IGS-20) and proof of purchase readily available.