

iDOO EU-ID-IG301-B

iDOO Hydroponics Growing System Kit 12Pods Instruction Manual

Model: EU-ID-IG301-B

Brand: iDOO

1. OVERVIEW

The iDOO Hydroponics Growing System Kit 12Pods is an indoor gardening solution designed for efficient plant growth without soil. It features an integrated LED grow light, a built-in fan for air circulation, and an automatic timer for light cycles. The system allows for adjustable height to accommodate different plant growth stages and includes a 4.5L water tank for nutrient solution.



Figure 1: iDOO Hydroponics Growing System Kit with mature basil plants.

This system is ideal for growing herbs, vegetables, and small fruits indoors, providing fresh produce year-round. Its compact design makes it suitable for various indoor environments, including kitchens, living rooms, offices, and bedrooms.

2. PRODUCT COMPONENTS

The iDOO Hydroponics Growing System Kit includes the following components:

- Water Tank (4.5L capacity)
- LED Grow Light with adjustable height
- Built-in Fan
- Water Pump
- 12 Planting Pods
- Plant Food (Nutrient A and Nutrient B)
- Tray
- Saucer
- Cleaning Brush

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3. SETUP INSTRUCTIONS

1. **Assemble the System:** Connect the LED grow light unit to the water tank base. Ensure all connections are secure.
2. **Insert Planting Pods:** Place the provided sponges into the plastic holders, then insert your seeds into the sponges. Place these assembled pods into the 12 designated holes on the top tray of the system.
3. **Add Water:** Fill the 4.5L water tank with clean water up to the "MAX" indicator.
4. **Add Nutrient Solution:** Following the instructions on the plant food bottles (Nutrient A and Nutrient B), add the appropriate amount of nutrient solution to the water tank. The visual window on the tank allows you to monitor the water level.
5. **Plug In and Power On:** Connect the power adapter to the system and plug it into a power outlet. The system will automatically begin its light and water circulation cycles.

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Video 1: Official iDOO Indoor Herb Hydroponic System setup guide. This video demonstrates the quick and easy setup process for the hydroponic system, including adding water and placing the planting pods.



Figure 3: Steps for adding nutrient solution to the water tank. Calculate difference, mix solution, and add water to max level.

4. OPERATING INSTRUCTIONS

The iDOO Hydroponics Growing System is designed for automated operation, but understanding its modes and features will optimize your plant growth:

- **Automatic Light Cycle:** The 22-Watt LED light automatically turns on for 16 hours and off for 8 hours, simulating natural sunlight. To set the desired 16-hour ON cycle, unplug and replug the unit, then turn it on at the time you wish the cycle to begin.
- **2 Growing Modes:**
 - **Vegetables Mode:** Emits blue light, red light, far red light, and white light, suitable for leafy greens and herbs.
 - **Flower/Fruit Mode:** Emits red light, far red light, and white light, optimized for flowering and fruiting plants.
- **Adjustable Height:** The height of the LED light can be adjusted up to 11.02 inches to accommodate plants at different growth stages, ensuring optimal light exposure as they grow.
- **Built-in Fan:** The integrated fan operates at timed intervals to simulate natural breeze, aiding in pollen spread during florescence and heat dispersion during germination.
- **Silent Sleep Mode:** This feature allows you to turn off the fan, water pump, and lights for 10 hours, providing a quiet environment when needed.

2 Growing Modes for Vegetables & Fruits & Flowers

16 hours/day



Figure 4: Illustration of the two distinct growing modes: Vegetables Mode and Flower/Fruit Mode.

Adjustable Height

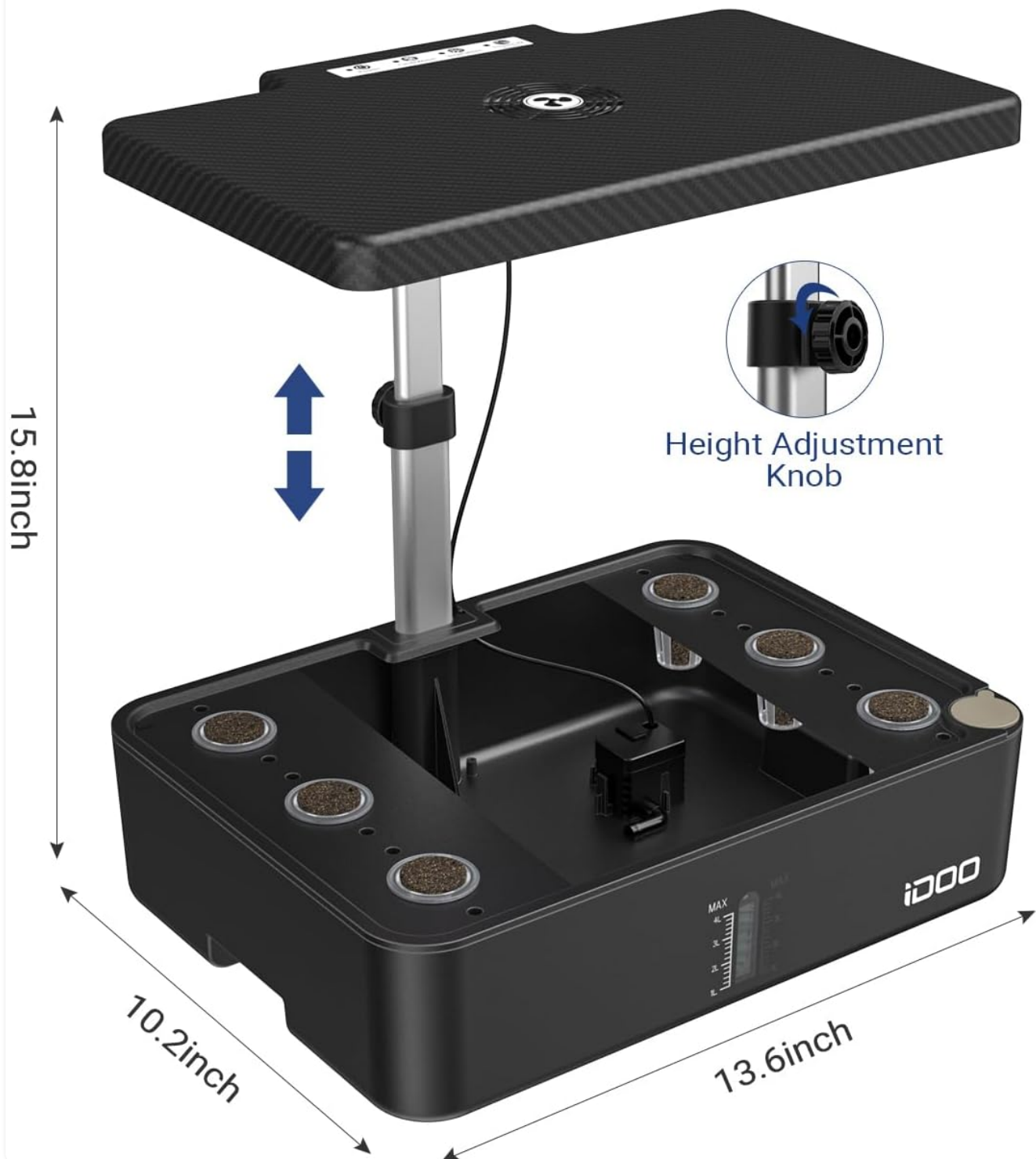


Figure 5: The adjustable height mechanism of the LED grow light, allowing for plant growth up to 11.02 inches.

Silent Sleep Mode

Turn off the fan, water pump and lights for 10 hours



No sound



No light



Power



Fan&Water



Vegetables



Flowers&
Fruits

Click close



Figure 6: Silent Sleep Mode controls, allowing for 10 hours of quiet operation without lights or fan.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your iDOO Hydroponics Growing System:

- **Water Level Monitoring:** Regularly check the water level using the visual window on the tank. Replenish water as needed to maintain the optimal level for plant growth.

- **Nutrient Replenishment:** Add nutrient solution according to the plant food instructions, typically every 1-2 weeks depending on plant growth and water consumption.
- **System Cleaning:** Periodically, especially when changing out plants or starting a new growth cycle, empty the water tank and clean it thoroughly with the provided cleaning brush to prevent algae buildup and ensure a healthy environment for your plants.
- **Pruning:** Trim plants as they grow to encourage bushier growth and prevent them from touching the LED lights, which can cause burning.

Promote Water and Air Circulation

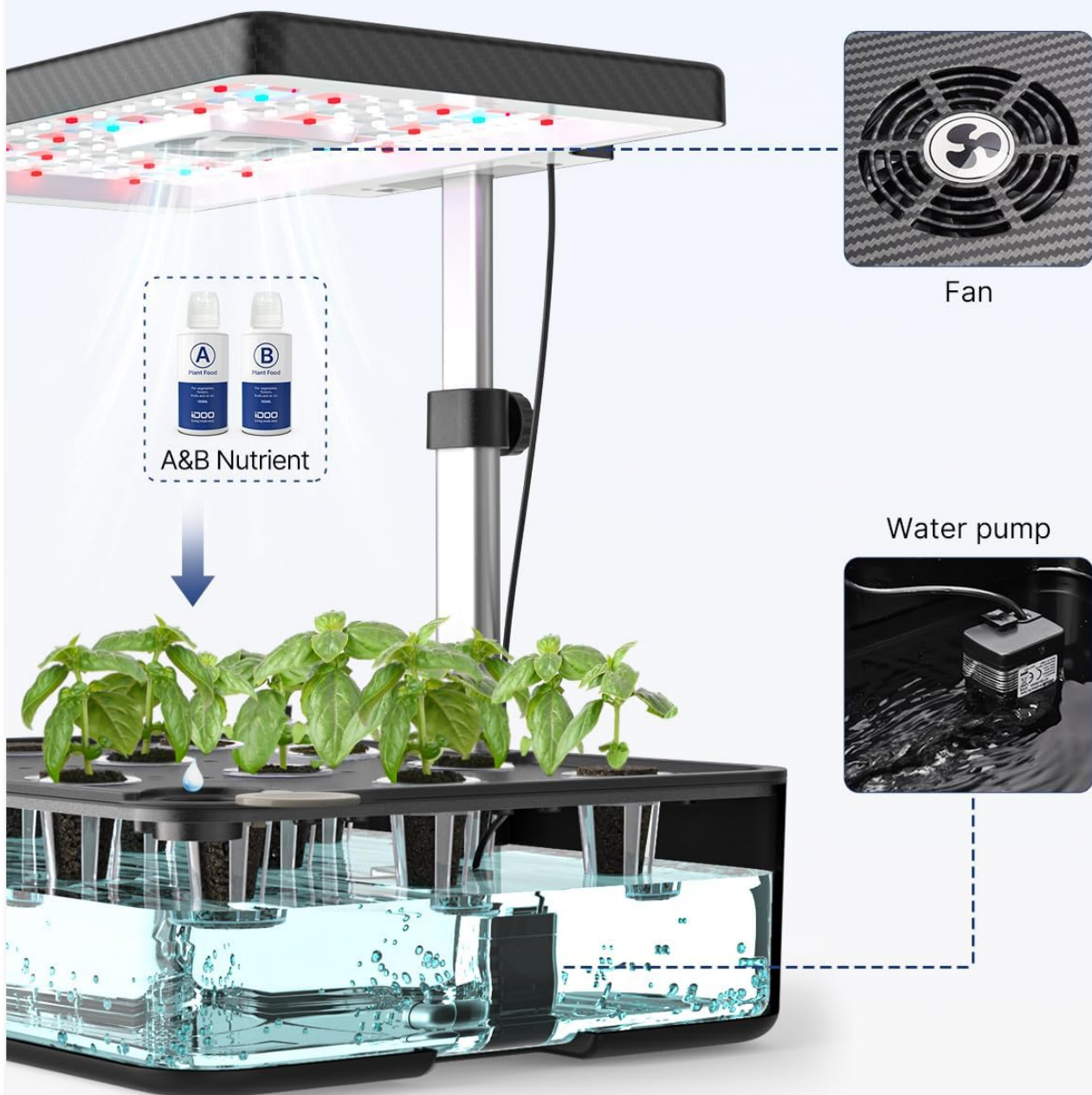


Figure 7: Illustration of the internal water and air circulation system, highlighting the importance of nutrient addition.

6. TROUBLESHOOTING

If you encounter issues with your iDOO Hydroponics Growing System, consider the following:

Problem	Possible Cause	Solution
Plants not growing or wilting	Insufficient water/nutrients, incorrect light mode, or old seeds.	Check water level and add nutrients. Ensure correct growing mode is selected. Use fresh seeds.
Algae growth in water tank	Excessive light exposure to water, or infrequent cleaning.	Ensure planting pods are properly sealed to block light. Clean the tank regularly.
Pump/Fan not working	Power interruption, or blockage.	Check power connection. Ensure no debris is obstructing the pump or fan. If power was interrupted, unplug and replug the unit to reset the timer.
Plants growing too tall/touching light	Light height not adjusted.	Adjust the height of the LED grow light upwards as plants grow.

7. SPECIFICATIONS

Feature	Detail
Material	Plastic
Color	Black
Special Feature	Self Watering
Planter Form	Tray
Shape	Square
Indoor/Outdoor Usage	Outdoor, Indoor
Mounting Type	Tabletop
Plant or Animal Product Type	Herb
Product Dimensions	6.3"D x 11.8"W x 15.4"H
Capacity	4 Liters
Number of Pieces	12


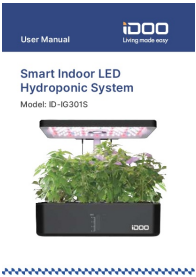

Feature	Detail
Included Components	Tray, Saucer, Cleaning Brush, Label, Tools, 12Pods, Water Tank, Fan, LED Light, Hydroponics System Kit
Item Weight	3.96 pounds (1.8 Kilograms)
Accepted Voltage Frequency	100 to 120 Volts and 60 Hertz
Manufacturer	iDOO
Item Model Number	EU-ID-IG301-B


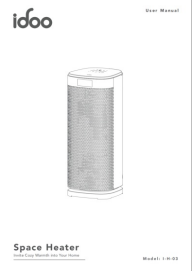

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your iDOO Hydroponics Growing System Kit, please refer to the contact information provided in the product packaging or visit the official iDOO website. Keep your purchase receipt for warranty claims.

You can visit the official iDOO store for more products and support:[iDOO Store](#)

Related Documents - EU-ID-IG301-B

	<p>iDOO Indoor Gardening Kit User Manual</p> <p>Comprehensive user manual for the iDOO Indoor Gardening Kit (Model: I-D-01), covering setup, operation, maintenance, and tips for successful indoor hydroponic gardening.</p>
	<p>iDOO Smart Indoor LED Hydroponic System User Manual</p> <p>User manual for the iDOO Smart Indoor LED Hydroponic System, Model ID-IG301S. Includes safety instructions, product overview, specifications, package contents, installation, operation, app instructions, product maintenance, and FAQs.</p>
	<p>iDoo Indoor LED Hydroponic System Setup Guide (Model: ID-IG201)</p> <p>A comprehensive setup guide for the iDoo Indoor LED Hydroponic System, Model ID-IG201. Learn about included components, operation procedures, safety instructions, specifications, control panel settings, gardening tips, troubleshooting, and warranty information.</p>

 <p>iDoo Living made easy</p> <p>MULTI-FUNCTION CORDLESS ELECTRIC SPIN MOP Sprayer & Waxer Model ID-EM002</p>	<p>iDoo ID-EM002 Multi-Function Cordless Electric Spin Mop: User Manual & Specifications</p> <p>Comprehensive user manual and specifications for the iDoo ID-EM002 cordless electric spin mop, featuring sprayer and waxer functions. Includes installation, operation, troubleshooting, and customer service information.</p>
 <p>iDoo</p> <p>Space Heater</p> <p>Model: I-H-03</p>	<p>iDoo Space Heater User Manual (Model I-H-03)</p> <p>Comprehensive user manual for the iDOO Space Heater (Model I-H-03), covering essential safety instructions, product specifications, detailed operation guides for the control panel and remote, cleaning and maintenance procedures, troubleshooting tips, and warranty information. Learn how to safely and effectively use your iDOO heater.</p>
 <p>User Manual</p> <p>iDoo Living made easy</p> <p>Ceramic Space Heater - Power Model: I-C-027</p>	<p>iDOO Ceramic Space Heater - Power (Model I-C-027) User Manual</p> <p>Comprehensive user manual for the iDOO Ceramic Space Heater - Power, model I-C-027. Includes safety instructions, product specifications, operating guide, troubleshooting, and warranty information.</p>