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› SUNCOZE Hydroponics Growing System Kit 12 Pods User Manual

## SUNCOZE IG1003BK

# SUNCOZE Hydroponics Growing System Kit

MODEL: IG1003BK

Brand: SUNCOZE

## 1. Introduction

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The SUNCOZE Hydroponics Growing System Kit is designed for indoor plant cultivation, offering an efficient and convenient way to grow herbs, vegetables, and flowers without soil. This system utilizes a water-based nutrient solution and an integrated LED grow light to promote healthy and rapid plant growth year-round.



Figure 1.1: The SUNCOZE Hydroponics Growing System Kit with a variety of thriving plants, including strawberries, tomatoes, and leafy greens.



Figure 1.2: A visual comparison highlighting the benefits of the Smart Hydroponic System over traditional soil growing, emphasizing no soil, no pests, automatic watering, and efficient LED lighting.

## 2. Safety Information

Please read all instructions carefully before operating the device. Keep this manual for future reference.

- Ensure the power adapter is connected to a suitable power outlet.
- Do not immerse the electrical components in water.
- Keep out of reach of children and pets.
- Use only the provided power adapter and accessories.
- Unplug the system before cleaning or performing maintenance.

## 3. Package Contents

Verify that all components are present before assembly:

- 1 x Hydroponics Growing System Base (with 4L water tank and built-in pump)
- 1 x 24W LED Grow Light Panel
- 1 x Adjustable Height Pole
- 1 x Grow Deck (with 12 planting pods/holes)
- 12 x Planting Baskets
- 12 x Planting Sponges
- 1 x Water Level Gauge
- 1 x A Nutrient Solution Bottle
- 1 x B Nutrient Solution Bottle
- 1 x Power Adapter

## 4. Setup Instructions

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Follow these steps for quick and easy assembly:

1. **Attach the Legs:** Securely attach the support legs to the grow deck.
2. **Install the Water Pump:** Place the built-in water pump into its designated slot within the water tank. Ensure the pump's power cord is accessible.
3. **Assemble the Garden System:** Extend the adjustable pole and attach the LED grow light panel to the top. Insert the pole into the base of the water tank. Place the grow deck onto the water tank, ensuring it sits securely.
4. **Prepare Planting Pods:** Insert the planting sponges into the planting baskets. Place your desired seeds into the sponges.
5. **Insert Pods:** Place the filled planting baskets into the 12 holes on the grow deck.
6. **Add Water and Nutrients:** Fill the 4L water tank with clean water through the water inlet. Monitor the water level using the water level gauge. Add the A and B nutrient solutions according to the instructions on their respective bottles (typically a tablespoon every two weeks).
7. **Plug In:** Connect the power adapter to the system and then to a power outlet.

# SET UP THE SMART GARDEN IN 3 MINUTES

Even first-time users can get started immediately

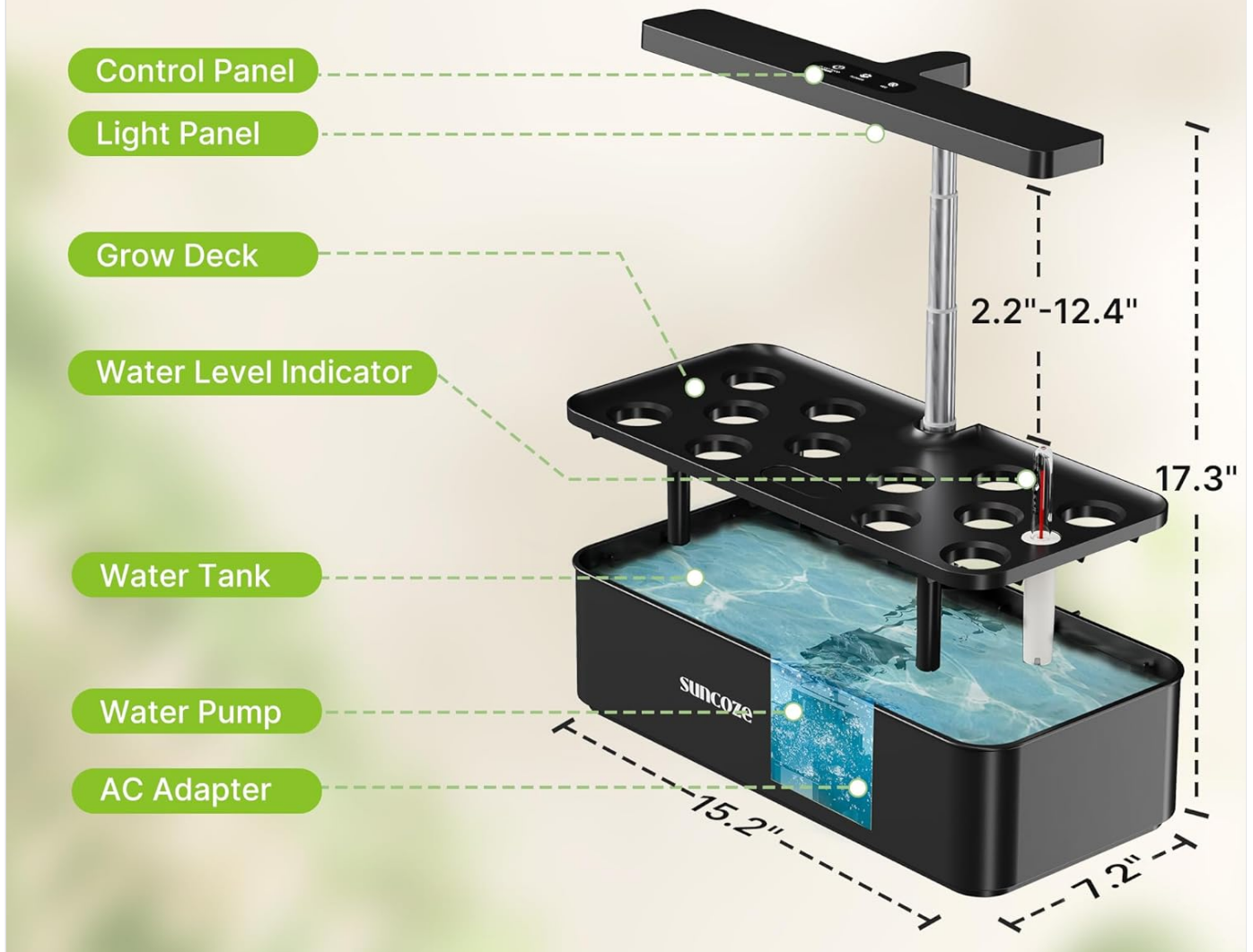


Figure 4.1: A visual guide illustrating the simple 5-step setup process for the SUNCOZE Hydroponics Growing System, from attaching legs to plugging in the power cord.

## 5. Operating Instructions

The system features a user-friendly control panel on the LED light bar.

1. **Power On/Off:** Press the 'PLANT FOOD POWER' button to turn the system on or off. A soft, pulsing light indicates standby mode.
2. **Select Growth Mode:** Choose between two specialized growth modes:
  - **Flower Mode:** Optimized for flowering plants and fruits.
  - **Vegetable Mode:** Ideal for leafy greens and herbs.

Simply press the 'FLOWER' or 'VEG' button to select the appropriate mode. The system automatically operates on a 24-hour cycle (16 hours on, 8 hours off).

3. **Adjust Light Height:** As your plants grow, adjust the height of the LED light panel using the telescoping pole to ensure

optimal light coverage. The adjustable height range is 2.2" to 12.4".

4. **Water Circulation:** The built-in pump automatically circulates water (15 minutes on, 1 hour 45 minutes off, repeating this cycle) to optimize nutrient flow to plant roots.



Grow **500%** Faster

AUTO 16H ON / 8H OFF

### 24W LED FULL-SPECTRUM LIGHTING

Bathes your plants in sunlight-like glow

Flower Mode 🍎 🌻	Vegetable Mode 🌿 🍅
Red Light	Red Light
Blue Light	Far-Red Light
Far-Red Light	White Light
White Light	

Figure 5.1: Illustration of the 24W LED full-spectrum lighting, showing the different light compositions for Flower Mode (Red, Blue, Far-Red, White Light) and Vegetable Mode (Red, Far-Red, White Light).

# HEIGHT ADJUSTABLE LAMP POST

Accommodates plants at various stages of growth



Figure 5.2: Close-up of the easy control panel, detailing the 'PLANT FOOD POWER' button (with standby, nutrient refill, and water refill indicators), 'FLOWER' mode, and 'VEG' mode buttons.

# QUIET AUTO-WATERING

The pump runs 15min, stops 1h45min, and repeats  
— Self-circulation water system provides better conditions for root growth



Figure 5.3: A visual representation of the adjustable height lamp post, demonstrating its range from 2.2 inches for seedlings to 12.4 inches for mature plants, ensuring optimal light exposure.

## 6. Maintenance

- **Water Level:** Regularly check the water level gauge. When the red indicator drops to the MIN line, refill the tank with water up to the MAX line. The power indicator will flash rapidly to remind you to add water.
- **Nutrient Replenishment:** Add nutrient solutions A and B every two weeks, or as indicated by the power button's static light. Follow the dosage instructions on the nutrient bottles.
- **Cleaning:** Periodically clean the water tank and grow deck to prevent algae buildup. Unplug the system, empty the water, and gently clean with a soft cloth and mild soap. Rinse thoroughly before refilling.
- **Pump Maintenance:** Ensure the water pump is free from debris to maintain optimal circulation.



Figure 6.1: A detailed view of the user-friendly design, highlighting the built-in water inlet for easy refilling of water and nutrients, and the clear water indicator to monitor tank levels.



Figure 6.2: An internal view of the 4L water tank, illustrating the built-in pump's operation (15 minutes on, 1 hour 45 minutes off) to ensure continuous water circulation and optimal root oxygenation.

## 7. Troubleshooting

Problem	Possible Cause	Solution
Light not turning on.	Power not connected; Light cycle is off.	Check power adapter connection; Wait for the automatic light cycle to turn on (16 hours on, 8 hours off).
Pump not circulating water.	Pump clogged; Water level too low.	Clean the pump; Refill water to MAX line.
Plants not growing well.	Incorrect nutrient levels; Insufficient light; Incorrect mode.	Adjust nutrient solution; Ensure light height is appropriate; Select correct growth mode (Flower/Veg).
Water level indicator not working.	Indicator stuck or damaged.	Gently tap the indicator; Contact customer support if damaged.

## 8. Specifications

- **Model Number:** IG1003BK
- **Material:** Plastic
- **Color:** Black
- **Planting Pods:** 12
- **Water Tank Capacity:** 4 Liters

- **LED Grow Light:** 24W Full-Spectrum
- **Light Cycle:** 16 hours ON / 8 hours OFF (Automatic)
- **Pump Cycle:** 15 minutes ON / 1 hour 45 minutes OFF (Automatic)
- **Adjustable Height:** 2.2" to 12.4"
- **Product Dimensions:** 15.6"D x 7.4"W x 7.8"H
- **Item Weight:** 3.65 pounds
- **Indoor/Outdoor Usage:** Indoor

## 9. Warranty & Support

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SUNCOZE offers a **2-Year Worry-Free Service** for this Hydroponics Growing System Kit. For any questions, concerns, or support needs, please contact SUNCOZE customer service through their official channels or visit their brand store on Amazon.

**SUNCOZE Brand Store:** [Visit Store](#)