

GARDENCUBE GC-001

GARDENCUBE Hydroponics Growing System GC-001 Instruction Manual

Model: GC-001 | Brand: GARDENCUBE

1. INTRODUCTION

The GARDENCUBE Hydroponics Growing System is designed for efficient indoor cultivation of herbs, vegetables, and fruits. This system utilizes a soil-free hydroponic method, providing an optimal environment for plant growth with minimal effort. Its compact design makes it suitable for various indoor spaces, including kitchens, offices, and living rooms.

2. COMPONENTS OVERVIEW

Your GARDENCUBE Hydroponics Growing System includes the following components:

- **Main Unit:** Water reservoir with integrated smart water pump and LED grow light pole.
- **LED Grow Light:** 24-watt full-spectrum LED light, adjustable up to 180° angle and 21 inches in height.
- **Planting Deck:** Holds 8 planting pods.
- **Planting Baskets:** 8 units for holding grow sponges and seeds.
- **Grow Sponges:** 8 units (seed starter media).
- **Grow Domes:** 8 clear covers for germination.
- **Nutrient Bottles:** Plant Food A and Plant Food B (100ml each).
- **Nutrient Refill Packs:** Additional A and B nutrients.
- **Plant Tags:** For labeling your plants.
- **Support Rods:** For plant growth support.
- **Power Adapter:** For connecting the system to power.
- **Tweezers:** For handling seeds.

Image: All components included in the GARDENCUBE Hydroponics Growing System kit.

3. SETUP INSTRUCTIONS

Follow these steps to set up your hydroponics growing system:

1. **Assemble the Unit:** Ensure the LED light pole is securely attached to the main unit. The light pole is detachable for easy cleaning.
2. **Install Water Pump:** Place the smart water pump into the designated area within the water reservoir. Connect its power cord.
3. **Prepare Grow Sponges:** Soak the grow sponges in pure water for 5-12 hours. This ensures they are thoroughly saturated for optimal seed germination.
4. **Plant Seeds:** Place 2-3 seeds into the pre-drilled hole of each soaked grow sponge. Use the provided tweezers for precision.
5. **Insert Pods:** Place the seeded grow sponges into the planting baskets, then insert the baskets into the holes on the planting deck.
6. **Add Water:** Fill the 3L water tank with water up to the MAX line. The transparent water level window allows for easy monitoring.
7. **Add Nutrients:** Add 15ml of Plant Food A and 15ml of Plant Food B to the water reservoir. Shake the nutrient bottles well before use.
8. **Cover with Grow Domes:** Place a clear grow dome over each planted pod. This creates a warm, humid environment conducive to germination. Remove domes once seedlings emerge.
9. **Connect Power:** Plug the power adapter into the unit and then into a power outlet.



Image: Visual guide for the 4-step setup process, including soaking seeds, planting, adding water and nutrients, and selecting grow mode.

4. OPERATING INSTRUCTIONS

The GARDENCUBE system features an intuitive control panel for easy operation:

- **Power On/Off:** Press the power button on the control panel to turn the system on or off.
- **Automatic Timer:** The LED grow light operates on an automatic 24-hour cycle (16 hours on, 8 hours off) to simulate natural sunlight.
- **Light Modes:** Select between

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