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> Growell Hydroponics Growing System Kit (Model B0DCDWY33M) - User Manual

Growell B0DCDWY33M

Growell Hydroponics Growing System Kit - User Manual

Model: B0DCDWY33M

INTRODUCTION

Welcome to the Growell Hydroponics Growing System Kit. This manual provides essential information for setting up, operating, and maintaining your indoor garden. Designed for efficient plant growth, this system allows you to cultivate a variety of plants year-round.

WHAT'S INCLUDED

Your Growell Hydroponics Growing System Kit includes the following components:

- Hydroponics Growing System x 1
- Power Adapter x 1
- Plant Food A x 1
- Plant Food B x 1
- Pod Hole Cover x 6
- Grow Dome x 16
- Sticker x 16
- Label x 16
- Tag x 16
- Sponge x 16
- Basket x 16
- Tweezers x 1
- User Manual x 1

16 Pods Indoor Garden

Harvest green and healthy all year round



Image: All components of the Growell Hydroponics Growing System Kit, including the main unit, power adapter, plant food, various pod accessories, tweezers, and user manual.

SETUP INSTRUCTIONS

1. **Prepare Sponges and Seeds:** Soak the provided sponges and your chosen seeds in water for a recommended period (refer to seed packet instructions).
2. **Assemble Pods:** Place a soaked sponge into each planting basket.
3. **Insert Seeds:** Using the tweezers, carefully place 2-3 seeds into the hole of each sponge.
4. **Cover Pods:** Stick the provided stickers over the top of the sponges to create a dark environment for germination. Place a grow dome over each planted pod to maintain humidity.
5. **Add Water and Nutrients:** Remove the water inlet cover. Fill the 8-liter water tank with fresh water up to the 'Max' line, visible through the transparent window. Add the recommended amounts of Plant Food A and B

(refer to the plant food instructions for dosage).

6. **Connect Power:** Plug the power adapter into the system and then into a power outlet. Plug the water pump cable into its designated port on the back of the unit.



Image: Visual guide illustrating the setup process, from preparing seeds and sponges to placing them in the system and adding water.

Video: An official overview of the Growell 16 Pods Hydroponics Growing System Kit, demonstrating its features and basic setup. This video is provided by Growell Official.

OPERATING INSTRUCTIONS

Control Panel

The smart control panel allows for easy operation with touch-sensitive buttons. The display shows time, temperature, and current settings.



Image: The smart control panel featuring buttons for Power, Pump, Vegetables (16H/22H), Flowers & Fruits (16H/22H), Herbs (16H/22H), and Sleep Mode.

Lighting Modes and Timer Options

The 28W full-spectrum LED grow light simulates natural sunlight with red, blue, white, and far-red light colors. Choose from three preset lighting modes:

- **Vegetables Mode:** Optimized for leafy greens.
- **Flowers & Fruits Mode:** Ideal for flowering and fruiting plants.
- **Herbs Mode:** Best for various herbs.

Two timer options are available: an automatic 16-hour-on cycle (recommended for most plants) and an innovative 22-hour-on cycle to accelerate growth for light-loving plants.

Upgrade 3 Grow Light Modes

Scientific planting, easy to control



Image: Detailed view of the three specialized grow light modes (Vegetables, Flowers & Fruits, Herbs) and their corresponding light spectrums.

Silent & Smart Water Circulation

The intelligent silent water pump operates at less than 40 decibels, ensuring a peaceful environment. The system automatically circulates water every 30 minutes to ensure even nutrient distribution and increase oxygen levels. The large 8-liter water tank requires water changes only every 4 weeks, and a transparent window allows for easy monitoring of water levels.

28W Full Spectrum Grow Light

Improve water flow, increase water-oxygen



Image: Visual representation of the silent water pump and the automatic water circulation process, highlighting the 8-liter tank capacity.

Adjustable Height

The growth light height is adjustable up to 15.4 inches, accommodating plants at different growth stages and ensuring adequate light exposure and growth space. The innovative detachable light pole design also simplifies tank maintenance.

Adjustable Height

Meet the light needs of different plant growth periods



Image: The adjustable light pole demonstrating its range from a low position for seedlings to a maximum height of 15.4 inches for mature plants.

MAINTENANCE

- **Water Changes:** The large 8-liter water tank typically requires water changes only every 4 weeks. Monitor the transparent water level window.
- **Nutrient Addition:** Add Plant Food A and B according to the instructions provided with the plant food. The included supply is sufficient for approximately 3 weeks.
- **Cleaning:** The detachable light pole design allows for easy access to clean the water tank. Regular cleaning helps prevent algae growth and ensures optimal plant health.

SPECIFICATIONS

- **Material:** Plastic (Food Grade ABS) & Stainless Steel
- **Color:** Black
- **Product Dimensions:** 7.9"D x 17.7"W x 22.7"H
- **Capacity:** 8 Liters
- **Number of Pods:** 16
- **Grow Light:** 28W Full Spectrum LED (Red, Blue, White, Far-Red)
- **Light Modes:** Vegetables, Flowers & Fruits, Herbs
- **Light Timer:** 16-hour-on / 8-hour-off (automatic), 22-hour-on / 2-hour-off
- **Water Pump:** Intelligent Silent Water Pump (operates < 40dB), automatic 30-minute circulation
- **Adjustable Height:** Up to 15.4 inches
- **Voltage/Frequency:** 100 to 120 Volts and 60 Hertz
- **Item Weight:** 5.61 pounds (2.55 Kilograms)