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› GARDYN Studio 1 Vertical Hydroponics Growing System Kit User Manual

GARDYN Studio 1

GARDYN Studio 1 Vertical Hydroponics Growing System Kit User Manual

Model: Studio 1

1. INTRODUCTION

The GARDYN Studio 1 is a compact vertical hydroponics growing system designed for cultivating 16 plants indoors. This system integrates advanced technology to simplify indoor gardening, providing fresh produce year-round with minimal effort. It is suitable for apartments, small homes, and both novice and experienced gardeners.



Image 1.1: The GARDYN Studio 1 Vertical Hydroponics Growing System Kit, showcasing its compact design and integrated grow lights.

2. PRODUCT OVERVIEW AND FEATURES

The GARDYN Studio 1 system is engineered for efficiency and ease of use, incorporating several key features:

- **Compact Design:** Grows 16 full-sized plants in approximately 1.4 sq. ft. of space.
- **Integrated LED Grow Lights:** Advanced LED lights mimic natural sunlight, optimizing plant growth.
- **Automated Water and Nutrient Management:** A built-in 4-gallon tank automatically circulates water and nutrients to the plants.
- **AI-Powered Plant Coach (Kelby):** Utilizes sensors and a high-resolution camera to monitor plant growth, provide care reminders, and offer personalized tips via the Gardyn app.
- **Sustainable Materials:** Constructed with brushed aluminum, BPA-free recyclable plastics, compostable yCubes, and a Rubberwood lid.

- **Water Efficiency:** Uses 95% less water compared to traditional gardening methods.

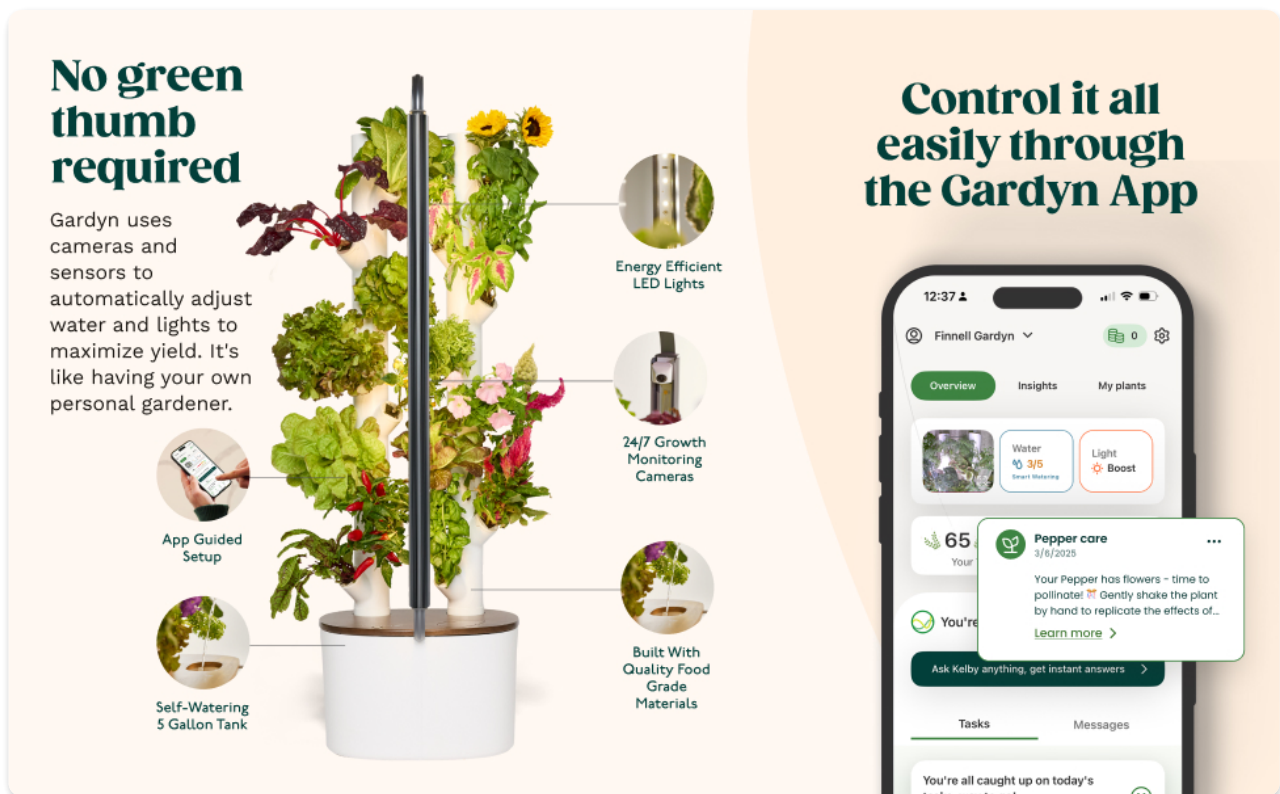


Image 2.1: Key technological features of the GARDYN Studio 1, highlighting energy-efficient LED lights, automated water and light schedule, ultrasonic water level sensor, compact footprint, and AI-powered plant growth monitoring.



Image 2.2: A fully populated GARDYN Studio 1 system demonstrating the variety of plants that can be grown, including fruiting plants, greens, flowers, and herbs.

3. SETUP INSTRUCTIONS

Follow these steps to set up your GARDYN Studio 1 system:

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all parts listed in the product manual are present.
2. **Assemble the System:** Follow the assembly instructions provided in the quick start guide. This typically involves attaching the vertical columns to the base and securing the LED light bars.
3. **Fill Water Tank:** Fill the 4-gallon water tank located in the base of the unit with clean water. Add the recommended amount of Gardyn nutrients as per the nutrient guide.
4. **Insert yCubes:** Place your desired yCubes (seed starter pods) into the designated openings on the vertical columns. Ensure they are securely seated.
5. **Power On:** Plug the power cord into an electrical outlet. The system will initiate its startup sequence.

6. **Connect to Wi-Fi and App:** Download the Gardyn app on your smartphone or tablet. Follow the in-app instructions to connect your Studio 1 to your home Wi-Fi network (2.4 GHz required) and complete the initial setup. This activates the AI plant coach, Kelby.

Includes 16 Plants

NON-GMO | PESTICIDE FREE | ORGANICALLY SOURCED IN THE USA



Image 3.1: The GARDYN Studio 1 system alongside a smartphone displaying the Gardyn app interface, illustrating app-guided setup and control over the system's functions.

4. OPERATING INSTRUCTIONS

Once set up, the GARDYN Studio 1 operates largely autonomously. Here's what you need to know for daily use:

- **Automated Cycles:** The system automatically manages light and water cycles based on optimal plant growth requirements.
- **Gardyn App (Kelby):** Your AI plant coach, Kelby, will provide notifications and guidance through the Gardyn app. This includes reminders for refilling the water tank, adding nutrients, and specific care tips for

your plants. Regularly check the app for updates and tasks.

- **Monitoring Growth:** The integrated camera and sensors allow Kelby to monitor plant health and growth. You can view live feeds and growth progress through the app.
- **Harvesting:** Harvest plants as they mature. The app may provide guidance on optimal harvesting times. For leafy greens, you can often harvest outer leaves, allowing the plant to continue producing.

What to Expect

Your first 60 days growing with Gardyn will feel like magic.



DAY 5

Sprouts appear in days like magic!



DAY 45

The first harvest is just the beginning.



DAY 90+

Eat off of your plants for 3 months, easily order new varieties from the Gardyn app!

Image 4.1: Visual representation of plant growth stages in the GARDYN Studio 1, from sprouts appearing on Day 5, to the first harvest around Day 45, and continuous harvesting beyond Day 90.

Ready, set, grow!

Harvest fresh and bountiful produce in days. Kelby, your in-app master gardener makes growing effortless.



DAY 5

Sprouts appear in days like magic!



DAY 45

The first harvest is just the beginning.



DAY 90+

Eat off of your plants for 3 months, easily order new varieties from the Gardyn app!

Image 4.2: A selection of 16 non-GMO, pesticide-free, organically sourced plants that can be grown in the GARDYN Studio 1, including Kohlrabi, Butterhead, Bunched Onions, Kale, Green Tatsoi, Perpetual Spinach, Romaine Lettuce, Salanova Lettuce, Sunflower, Bronze Arrow Lettuce, Watercress, Bulls Blood, Basil, Breen Lettuce, Cilantro, and Red Mustard.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GARDYN Studio 1:

- **Water Tank Refill:** The Gardyn app will notify you when the 4-gallon water tank needs refilling. Always use clean, fresh water.
- **Nutrient Addition:** Add Gardyn nutrients as instructed by the app. The frequency depends on plant growth and water consumption.
- **System Cleaning:** Periodically clean the water tank and system components to prevent algae buildup and ensure proper water circulation. Refer to the app or full manual for detailed cleaning instructions.
- **Plant Care:** Prune plants as needed to encourage new growth and prevent overcrowding. Regularly inspect plants for any signs of pests or diseases and address them promptly using organic methods.

6. TROUBLESHOOTING

If you encounter issues with your GARDYN Studio 1, consider the following general troubleshooting steps:

- **No Power:** Ensure the power cord is securely plugged into both the unit and a working electrical outlet.
- **Wi-Fi Connectivity Issues:** Verify your Wi-Fi network (2.4 GHz) is active and the signal is strong. Restart your router if necessary. Re-attempt connection through the Gardyn app.
- **Pump Not Working:** Check the water level in the tank. Ensure the pump is not obstructed by debris.
- **Plant Health Concerns:** Refer to the Gardyn app for specific plant diagnostics and care recommendations from Kelby. Ensure proper nutrient levels and water circulation.

For more detailed troubleshooting or persistent issues, please refer to the comprehensive support resources available through the Gardyn app or contact GARDYN customer support directly.

7. SPECIFICATIONS

Feature	Detail
Brand	GARDYN
Model	Studio 1
Capacity	16 Plants
Water Tank Volume	4 Gallons
Frame Material	Aluminum
Inner Material	Aluminum
UPC	850042173565
ASIN	B0FWG575CB

8. WARRANTY AND SUPPORT

The GARDYN Studio 1 typically comes with a manufacturer's warranty. For specific warranty details, including coverage duration and terms, please refer to the documentation included with your product or visit the official GARDYN website. In case of product defects or issues, contact GARDYN customer support for assistance. For returns, the product may be eligible for return within 30 days of purchase, subject to the retailer's return policy. Please consult your purchase receipt or the retailer's website for detailed return instructions.

