VEVOR 6-Tier Large Tall Plant Shelf

VEVOR 6-Tier Plant Stand with Full Spectrum Grow Lights and Timer

Model: 6-Tier Large Tall Plant Shelf
Brand: VEVOR

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your VEVOR 6-Tier Plant Stand with Full Spectrum Grow Lights and Timer. Please read this manual thoroughly before use to ensure proper function and safety. This plant stand is designed to support various plants through all growth stages, providing an optimal environment with its integrated grow lights and programmable timer.



Image 1.1: Fully assembled VEVOR 6-Tier Plant Stand with plants and grow lights.

2. Important Safety Instructions

To reduce the risk of injury, the user must read and understand this instruction manual. Keep this manual for future reference.

- Ensure all components are securely fastened before placing plants or operating the grow lights.
- Do not overload the shelves. The maximum load capacity is 330 lbs (150 kg) for the entire unit.
- Keep electrical components, including grow lights and timer, away from water to prevent electric shock. The PP pads are designed to prevent water damage to the lights.
- Use only the provided power adapter and timer. Do not modify the electrical wiring.
- Place the plant stand on a level, stable surface.
- Do not stare directly into the grow lights for extended periods.
- Unplug the unit from the power outlet before cleaning or performing any maintenance.

3. Package Contents

Verify that all parts are present and undamaged before beginning assembly. If any parts are missing or damaged, contact VEVOR customer support.

- Steel Shelf Frames (various sizes for 6 tiers)
- Support Poles
- Adjustable Shelf Clips
- LED Grow Light Panels (6 units)
- Mechanical Timer
- Power Adapter for Grow Lights
- Nylon Zip Ties (for cable management)
- Connection Cables for Grow Lights
- Threaded Support Components (for light height adjustment)
- PP Water-Resistant Pads
- Heavy-Duty Industrial Wheels (4 units)
- Assembly Instructions Manual

4. Setup and Assembly

Assembly is designed to be straightforward. Follow these steps carefully.



Image 4.1: Grow light assembly methods and threaded support components.

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.
2. **Attach Wheels:** Screw the four heavy-duty industrial wheels into the bottom of the main support poles. Ensure they are tightened securely.
3. **Assemble Base Shelf:** Attach the first shelf frame to the support poles using the adjustable shelf clips. Ensure the clips are at the desired height and securely locked into the grooves on the poles.
4. **Install Grow Lights (Optional for each tier):**There are two methods for installing the grow lights:
    - **Method 1 (Fixed Height):** Attach the grow light panels directly to the underside of the shelf frame using the provided clips or zip ties.
    - **Method 2 (Adjustable Height):** Use the threaded support components to hang the grow lights from the shelf above. This allows for height adjustment to accommodate different plant sizes.
5. **Connect Grow Lights:** Use the connection cables to link the grow light panels. Ensure all connections are firm.
6. **Repeat for Remaining Tiers:** Continue assembling the remaining five shelves and installing grow lights as desired for each tier.

7. **Cable Management:** Use the nylon zip ties to neatly organize and secure all power cables along the support poles.
8. **Place PP Pads:** Position the PP water-resistant pads on each shelf to protect the grow lights from water and provide a stable base for plant pots.
9. **Final Check:** Verify that all shelves are level, all connections are secure, and the stand is stable.



Image 4.2: Streamlined installation steps for the plant stand.

5. Operating Instructions

5.1. Grow Light Operation

The VEVOR Plant Stand is equipped with six LED grow light panels, providing a 400-780nm full-spectrum light with a warm 3000K color temperature. This simulates natural sunlight, supporting plants through all growth stages.

- **Power On/Off:** Connect the grow lights to the mechanical timer, and then plug the timer into a standard power outlet. The lights will turn on according to the timer settings.
- **Light Intensity:** The lights provide consistent intensity. Adjust the distance between the lights and your plants by using the adjustable threaded support components (if installed) to optimize light exposure.



Image 5.1: Full-spectrum grow light wavelength range.



Image 5.2: High PPFD grow light and splash-resistant design.

5.2. Timer Functionality

The included mechanical timer allows you to customize the light cycle for your plants, ensuring they receive the correct amount of light while conserving energy.

- **Setting the Timer:** The timer features a 24-hour dial with 15-minute interval settings. Push down the pins corresponding to the desired ON time, and leave the pins up for the OFF time.
- **Current Time Setting:** Rotate the dial clockwise until the current time aligns with the arrow indicator.
- **Manual Override:** A switch on the side of the timer allows you to manually turn the lights ON or OFF, overriding the programmed settings.



Image 5.3: Mechanical timer for customizing plant light duration.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your plant stand.

- **Cleaning:** Unplug the unit before cleaning. Wipe down the steel frame and shelves with a damp cloth. Avoid using abrasive cleaners.
- **Grow Lights:** Gently wipe the grow light panels with a dry, soft cloth to remove dust. Do not use water or cleaning solutions directly on the lights.
- **PP Pads:** Clean the PP water-resistant pads regularly to prevent mold or mildew buildup.
- **Inspection:** Periodically check all connections, screws, and clips to ensure they remain tight and secure.

7. Troubleshooting

If you encounter issues, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Grow lights do not turn on.	No power, timer not set correctly, loose connection.	Check power outlet, ensure timer is set to ON or manual override, verify all light connections are secure.
Timer not functioning.	Pins not pushed down/up correctly, manual override engaged.	Ensure timer pins are correctly set for desired ON/OFF times. Check manual override switch.
Stand feels unstable.	Loose connections, uneven surface.	Tighten all shelf clips and pole connections. Ensure the stand is on a level surface.
Plants are not growing well.	Insufficient light, incorrect light cycle, other environmental factors.	Adjust grow light height for optimal intensity. Verify timer settings. Check watering, temperature, and humidity.

8. Product Specifications

Detailed technical specifications for the VEVOR 6-Tier Plant Stand.

Feature	Specification
Item Model Number	6-Tier Large Tall Plant Shelf
Product Dimensions (L x W x H)	47.24 x 13.78 x 70.87 inches (120 x 35 x 180 cm)
Number of Shelves	6
Shelf Dimensions	47.2 x 13.8 inches (120 x 35 cm)
Load Capacity	330 lbs (150 kg)
Primary Material	Iron
Finish Type	Painted
Color	Black
Item Weight	46.1 pounds (20.9 kg)
Number of Grow Lights	6
Single Light Power	20W
Total Grow Light Power	120W (6 lights x 20W each)
Color Temperature	3000K
Light Spectrum	Full Spectrum (400-780nm)
Timer	Included (Mechanical, 24-hour, 15-minute intervals)
Assembly Required	Yes
UPC	197988770374



Image 8.1: Product dimensions and detailed specifications.

9. Warranty and Customer Support

VEVOR products are designed for durability and performance. For warranty information, technical assistance, or to report any issues, please contact VEVOR customer support through the official website or your purchase platform. Please have your model number and UPC ready when contacting support.

VEVOR Official Website: www.vevor.com

© 2023 VEVOR. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question