VEVOR GT600D120

VEVOR Hydroponic Grow Tent (Model GT600D120) Instruction Manual

Model: GT600D120 | Brand: VEVOR

1. Introduction

Thank you for choosing the VEVOR Hydroponic Grow Tent. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your grow tent. Please read these instructions carefully before use and retain them for future reference.
This grow tent is designed to create an optimal indoor environment for plant cultivation, featuring high reflectivity, light-proof construction, and durable materials.

2. Safety Instructions

- Ensure all electrical components (grow lights, fans) used within the tent are properly grounded and rated for indoor use.
- Do not overload electrical outlets.
- Keep the grow tent away from open flames or excessive heat sources.
- Ensure adequate ventilation to prevent heat buildup and maintain air quality.
- Do not modify the tent structure or components, as this may compromise its stability and safety.
- Keep out of reach of children and pets.
- Always disconnect power to any electrical devices before performing maintenance or adjustments inside the tent.

3. Package Contents

Verify that all components are present before beginning assembly:

- Grow Tent Fabric (Oxford 600D with 100% reflective Mylar interior)
- Steel Frame Poles (19mm)
- Metal Corner Connectors (3-way)
- Removable Waterproof Floor Tray

- Tool Storage Bag
- Hanging Straps
- Instruction Manual

4. Assembly Instructions

Follow these steps for quick and easy assembly. No additional tools are required.

4.1 Frame Assembly

1. Unpack all components and lay them out on a clean, flat surface.
2. Identify the different lengths of steel poles and the 3-way metal corner connectors.
3. Assemble the base frame by connecting the longest poles with the corner connectors to form a rectangle. Ensure all connections are secure.
4. Insert the vertical poles into the corner connectors of the base frame.
5. Attach the top frame using the remaining poles and connectors, mirroring the base frame.
6. Ensure the entire frame is stable and all poles are fully inserted into the connectors.



Figure 1: Detailed view of the 19mm steel frame and 3-way metal connectors, highlighting the robust construction for stability and durability. The image shows a close-up of the green frame components.

4.2 Tent Cover Installation

1. Carefully drape the grow tent fabric over the assembled steel frame.
2. Pull the fabric down over the frame, ensuring it is centered and aligned.
3. Zip up all zippers to fully enclose the frame. The SBS premium zippers are designed for smooth operation.
4. Ensure the light-blocking strips along the seams and around the zippers are properly sealed to prevent light leakage.

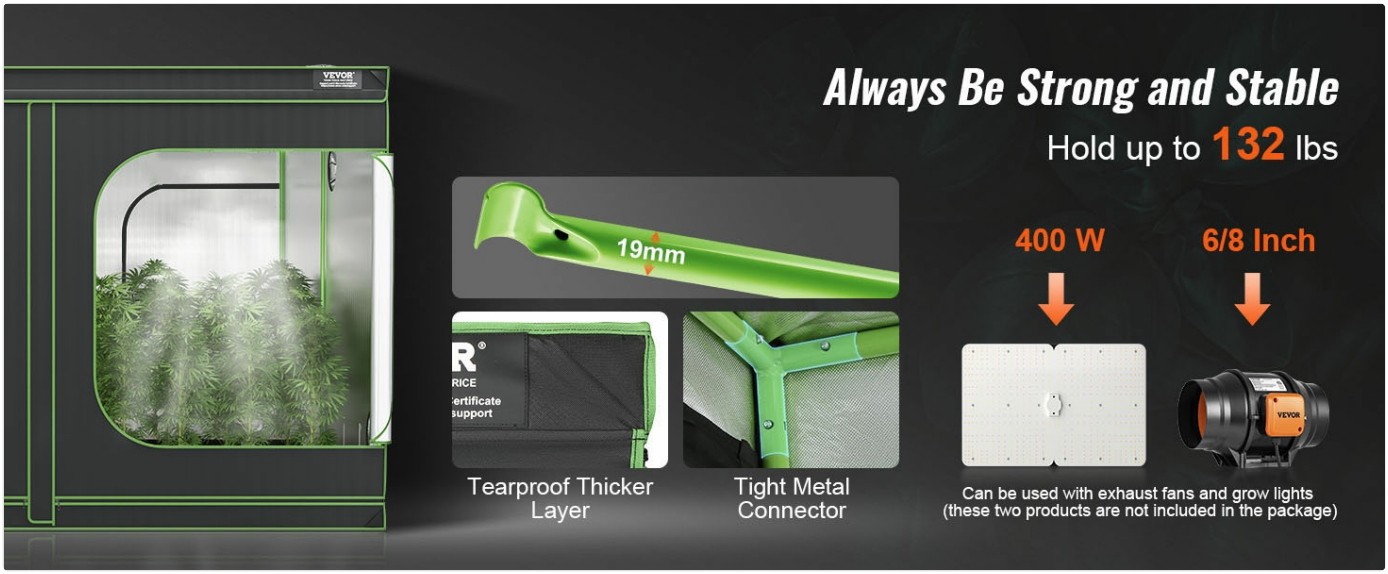


Figure 2: Illustration of the tent cover installation, highlighting the light-proof features such as wider and thicker strips along seams and the smooth SBS zipper, designed to prevent light penetration.

4.3 Floor Tray and Accessories

1. Place the removable waterproof floor tray inside the tent at the base. This tray collects spills and makes cleaning easier.
2. Utilize the included tool storage bag by hanging it inside the tent for convenient access to your gardening tools.
3. Use the hanging straps to suspend grow lights, fans, or other equipment from the tent's frame. Ensure the weight does not exceed the tent's load capacity (60 kg / 132 lbs).



Figure 3: The removable waterproof floor tray for easy cleaning, along with the practical mesh tool bag and hanging straps for equipment suspension.

5. Operation

5.1 Light Management

The tent's interior is lined with 100% reflective Mylar to maximize light efficiency from your grow lights. Ensure your grow light (e.g., VEVOR 400W grow light) is properly installed and positioned for optimal plant coverage.



Figure 4: Diagram showing how the 100% reflective Mylar interior amplifies light, ensuring optimal light conditions for plant growth within the 600D light-proof fabric.

5.2 Ventilation

The grow tent features multiple vents for air intake and exhaust. Install an inline fan (e.g., VEVOR 6/8 inch inline fan) in one of the duct ports to ensure proper airflow and temperature regulation. Adjust the fan speed as needed to maintain desired environmental conditions.



Figure 5: Illustration of an inline fan installed in a vent, demonstrating how to maintain fresh airflow within the grow tent. The vents are adjustable to fit various fan sizes.

5.3 Observation Windows

The tent includes observation windows with Velcro closures. These allow you to monitor your plants without disturbing the internal environment or compromising light integrity. Ensure the Velcro is securely fastened after observation.



Figure 6: The observation window allows users to check on plant growth at any time without affecting the internal light conditions. The window is secured with 40mm Velcro to prevent light leaks.

6. Maintenance

- **Cleaning the Interior:** The 100% reflective Mylar interior can be wiped clean with a damp cloth and mild detergent. Avoid abrasive cleaners that could damage the reflective surface.
- **Cleaning the Floor Tray:** The removable waterproof floor tray should be emptied and cleaned regularly to prevent mold and mildew growth.
- **Zippers:** Periodically check the SBS zippers for smooth operation. If they become stiff, a small amount of zipper lubricant can be applied.
- **Frame Inspection:** Regularly inspect the steel frame and connectors for any signs of wear, damage, or loosening. Tighten connections as needed.
- **Fabric Inspection:** Check the Oxford 600D fabric for any tears or damage. Small tears can be repaired with appropriate fabric repair kits to maintain light-proofing.

7. Troubleshooting

Problem	Possible Cause	Solution
Light leaks from seams/zippers	Fabric not fully stretched; zipper not fully closed; light-blocking strips misaligned.	Ensure fabric is taut and zippers are completely closed. Adjust light-blocking strips. Check Velcro on observation windows.
Tent feels unstable	Frame poles not fully inserted into connectors; connectors loose.	Re-check all frame connections, ensuring poles are fully seated in the 3-way metal connectors.
Poor airflow/high temperature	Ventilation fan not operating; vents blocked; insufficient fan size.	Ensure inline fan is powered and clear of obstructions. Check vent openings. Consider a larger fan if necessary.
Water pooling on floor	Floor tray not installed; tray damaged; excessive watering.	Ensure the waterproof floor tray is correctly positioned. Inspect tray for damage. Adjust watering practices.

8. Specifications

Feature	Detail
Model Number	GT600D120
Internal Size (L x W x H)	300 x 300 x 200 cm (118 x 118 x 78 inches)
Frame Material	19 mm Steel Alloy
Cover Material	600D Oxford Fabric
Interior Material	100% Reflective Mylar
Load Capacity	60 kg (132 lbs)
Number of Windows	2 (Observation Windows)
Number of Vents	8
Number of Doors	5
Item Weight	35 kg (77 lbs)
Recommended Inline Fan	6/8 inch
Recommended Grow Light Wattage	400 W
UPC	840349901565



Figure 7: Detailed specifications and dimensions of the VEVOR Hydroponic Grow Tent, including frame material, cover material, load capacity, and internal size.

9. Warranty and Support

VEVOR products come with a standard warranty. For detailed warranty information, product support, or to register your product, please visit the official VEVOR website or contact customer service.

VEVOR Official Website: www.vevor.com

Support Page: www.vevor.com/support

For any issues or questions not covered in this manual, please contact VEVOR customer support.

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