VIVOSUN S223

VIVOSUN S223 24"x24"x36" Grow Tent Instruction Manual

Model: S223 | Brand: VIVOSUN

Important Safety Information

Please read all instructions carefully before assembling and operating your VIVOSUN S223 Grow Tent. Keep this manual for future reference.

- Ensure all components are present and undamaged before assembly.
- Assemble the tent on a clean, flat, and stable surface.
- Do not overload the hanging bars. Refer to specifications for weight limits.
- Keep electrical cords and equipment away from water.
- Ensure proper ventilation to prevent heat buildup and maintain optimal plant health.
- Do not use sharp objects near the tent fabric to avoid tears.

Product Overview

The VIVOSUN S223 Grow Tent is designed to create an optimal indoor environment for plant cultivation. It features a high-reflective Mylar interior, a durable metal frame, and various access points for equipment and ventilation.

Key Features:

- **High Reflectivity:** 100%-reflective Mylar interior maximizes light efficiency.
- **Light-Proof Design:** High-quality 600D Oxford canvas with reinforced PE layer and upgraded zippers prevents light leakage.
- **Durable Construction:** Strong metal poles (16mm diameter, 0.8mm thickness) and tool-free corner connectors provide stability. Top hanging bars support up to 100 lbs.
- **Easy Observation:** Transparent observation window allows monitoring without disturbing the internal environment.
- **Optimal Ventilation:** Multiple openings for duct fans, lamps, and electrical cords, along with a

bottom window for heat dissipation.

- **Removable Floor Tray:** Convenient for cleaning and managing spills.
- **Tool Organizer:** Inner mesh pocket for storing gardening tools.

Figure 1: Assembled VIVOSUN S223 Grow Tent with plants and internal equipment.

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Video 1: An overview of the VIVOSUN Grow Tent highlighting its key features and benefits for plant growth.

Package Contents

Verify that all parts are included in your package before beginning assembly:

- Tent Cover (1 pc)
- Metal Poles (various lengths, labeled A, B, C, D, E, F)
- Corner Connectors (various types, labeled 1, 2, 3, 4)
- Floor Tray (1 pc)
- Filter Straps (2 pcs)
- User Manual (1 pc)

Figure 2: All components included in the VIVOSUN S223 Grow Tent kit.

Setup and Assembly

Follow these steps to assemble your VIVOSUN S223 Grow Tent. It is recommended to have ample floor space for assembly.

1. **Assemble the Base Frame:** Connect four (A) poles to four Corner Supports (4) to form the base frame of the tent. Ensure the black dots on the Y connectors face either the very top or bottom for correct orientation.
2. **Attach Vertical Poles:** Connect four (B) poles to the Corner Supports (4) of the tent base.
3. **Install Mid-Level Bars:** Attach the appropriate mid-level horizontal bars (C, D, E, F) to the vertical poles using the remaining corner connectors.
4. **Complete Top Frame:** Connect the remaining poles to form the top frame, ensuring all connections are secure.
5. **Drape Tent Fabric:** Unzip the tent cover completely. Carefully drape the tent fabric over the assembled metal frame. Ensure the VIVOSUN logo is at the front top.
6. **Secure Fabric:** Pull the bottom of the tent shell down to cover the base of the tent frame properly. Pull all hanging straps over the top of the frame.
7. **Insert Floor Tray:** Place the removable floor tray inside the tent, securing it with its Velcro attachments if available.
8. **Close Zippers:** Zip up the tent. The heavy-duty SBS zippers are designed for smooth operation.

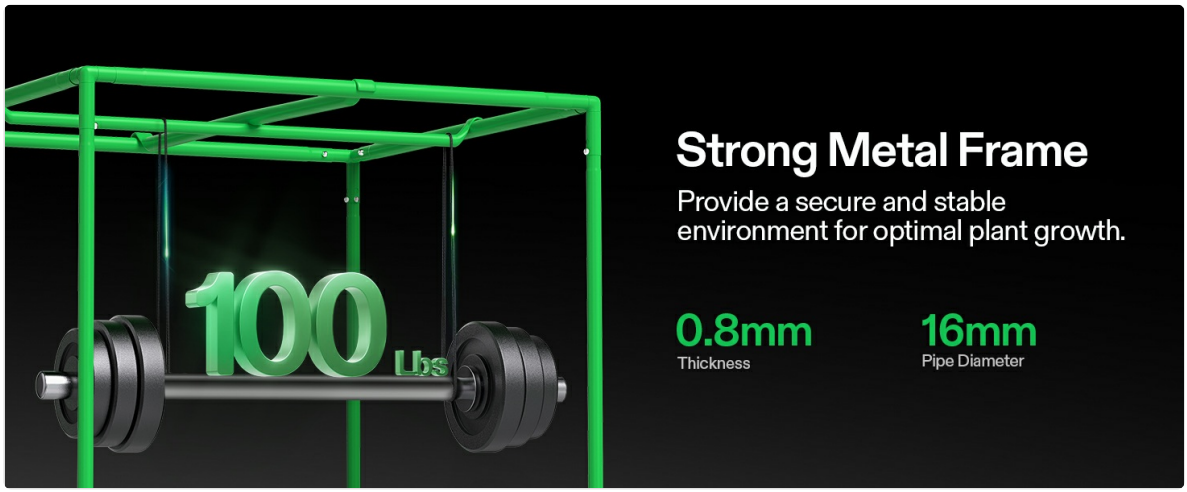

Figure 3: Illustration of the durable metal frame assembly.

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Video 2: Detailed assembly guide for the VIVOSUN Grow Tent, demonstrating each step of frame construction and fabric placement.

Operating Instructions

Observation Window:

The transparent observation window allows you to check on your plants without opening the main door, thus maintaining the internal environment's stability. Simply lift the flap to view inside.

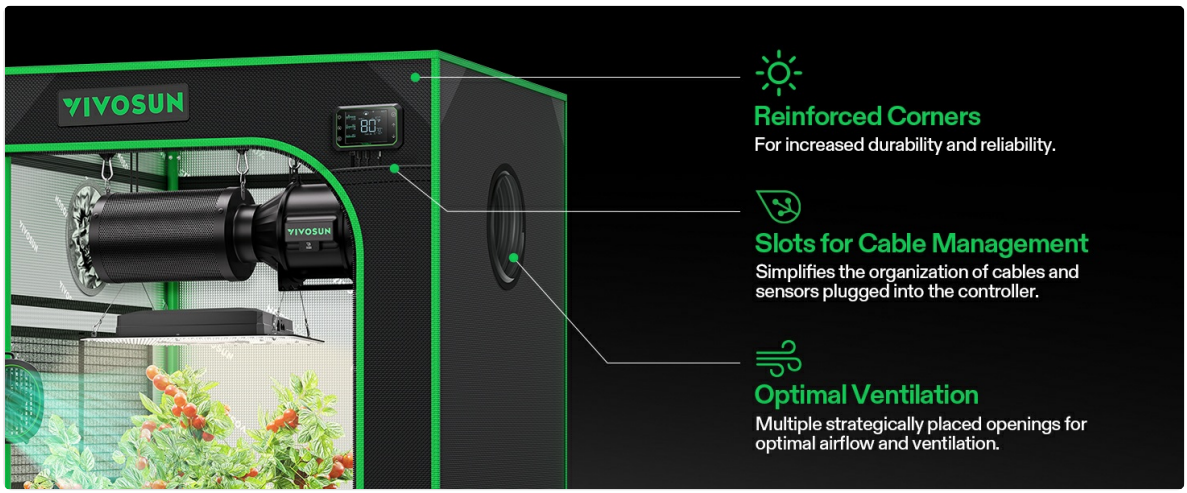

Figure 4: The observation window provides a clear view of your plants.

Ventilation Ports:

Utilize the multiple ventilation ports for installing duct fans, carbon filters, and other environmental control equipment. The drawstring closures ensure a light-proof seal around installed ducts. The bottom window also aids in heat dissipation.

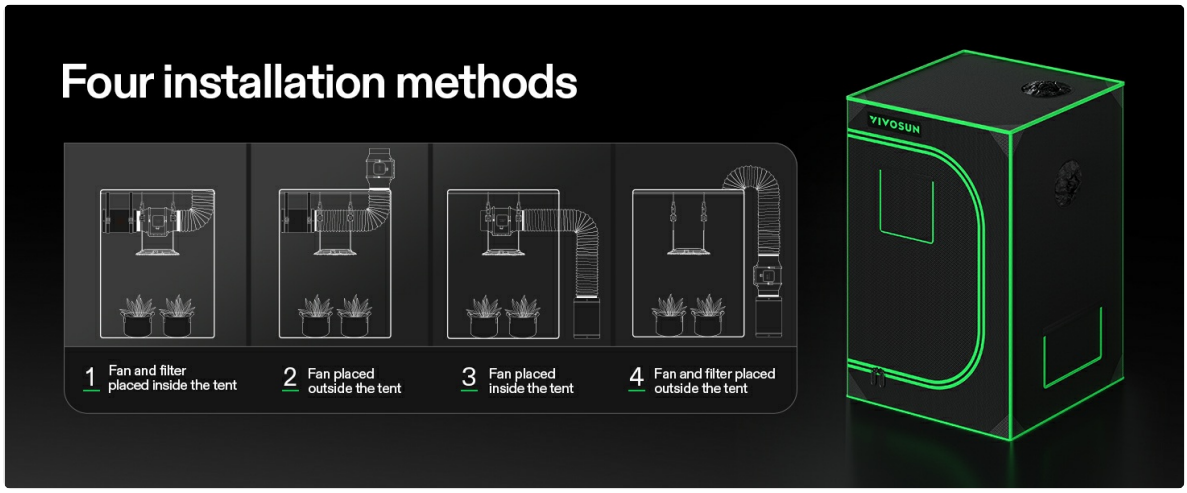

Figure 5: Various ventilation ports and cable management slots for optimal airflow and equipment setup.

Equipment Hanging:

The sturdy top bars are designed to support grow lights, fans, and other accessories. Ensure the total weight does not exceed 100 lbs. Use the provided hanging straps or compatible accessories to secure your equipment.

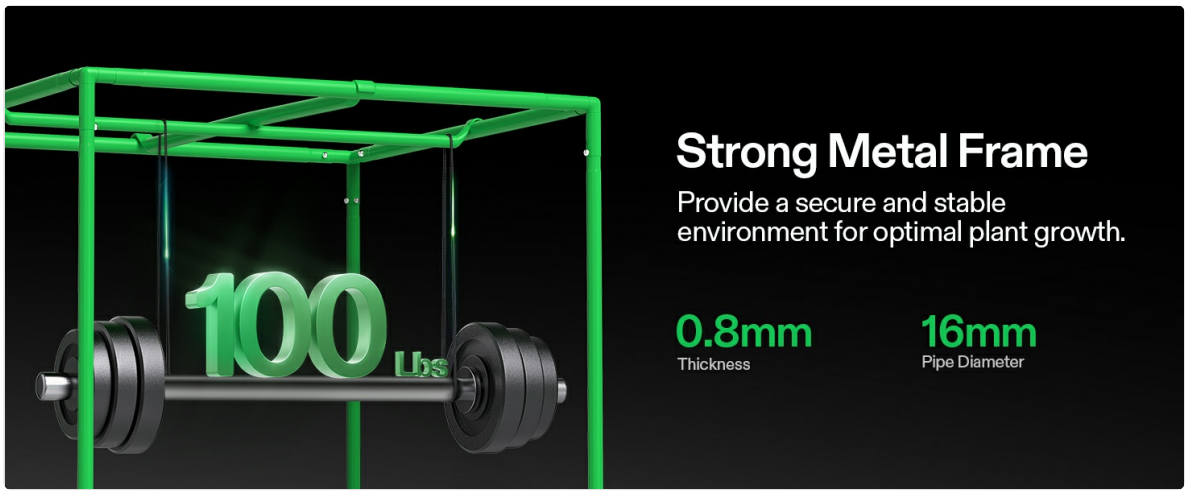

Figure 6: The strong metal frame and hanging bars support up to 100 lbs of equipment.

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Video 3: A short video explaining the benefits and features of the VIVOSUN Grow Tent for optimal plant growth.

Maintenance

Cleaning the Floor Tray:

The removable floor tray can be easily taken out for cleaning. Wipe it down with a damp cloth and mild soap to remove any spills or debris. Ensure it is completely dry before placing it back into the tent.

Tent Fabric Care:

Wipe the exterior and interior Mylar surfaces with a damp cloth as needed. Avoid abrasive cleaners or harsh chemicals that could damage the fabric or reflective lining. Ensure the tent is dry to prevent mold or mildew growth.

Zipper Maintenance:

Periodically check the heavy-duty SBS zippers for smooth operation. If they become stiff, apply a small amount of zipper lubricant or wax to ensure they glide easily and maintain a light-proof seal.

Troubleshooting

- **Light Leaks:** Ensure all zippers are fully closed and the inner lining is properly aligned. Check that all ventilation ports are securely tightened around ducts or closed with their drawstrings.
- **Tent Instability:** Verify that all metal poles are fully inserted into their connectors and that the corner supports are correctly positioned. The frame should feel rigid once fully assembled.
- **Poor Airflow:** Check that all intake and exhaust fans are operating correctly and that ventilation ports are open as needed. Ensure no obstructions are blocking airflow.

Specifications

Feature	Detail
Brand	VIVOSUN
Model Number	304113-S (S223)
Product Dimensions	24"L x 24"W x 36"H
Item Weight	11 Pounds (approx. 10.98 lbs)
Frame Material	Metal (16mm pipe diameter, 0.8mm thickness)
Inner Material	100%-Reflective Mylar
Outer Material	600D Oxford Fabric, PE
Weight Limit (Hanging Bars)	100 Pounds
Viewing Window	Yes
Floor Tray	Removable
UPC	615435164717

Warranty and Support

Warranty:

This VIVOSUN S223 Grow Tent comes with a 1-year warranty against manufacturing defects. Please retain your proof of purchase for warranty claims.

Customer Support:

For any questions, troubleshooting assistance, or warranty inquiries, please contact VIVOSUN customer support through their official website or the retailer where the product was purchased.