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> Outsunny 11.5' x 6.6' x 6.6' Portable Walk-in Tunnel Greenhouse User Manual

Outsunny 845-068V01WT

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Model: 845-068V01WT

PRODUCT OVERVIEW



Image Description: A white Outsunny portable walk-in tunnel greenhouse set up in a garden, with plants visible inside. The greenhouse features a roll-up door and windows.

This manual provides comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your Outsunny 11.5' x 6.6' x 6.6' Portable Walk-in Tunnel Greenhouse. Please read this manual thoroughly before use to ensure safe and efficient operation.

SAFETY INFORMATION

For optimal safety and to extend the lifespan of your greenhouse, please observe the following guidelines:

- **Weather Precautions:** Strengthen the greenhouse structure before anticipated severe weather conditions.
- **Cover Removal:** In instances of heavy snow, strong winds, or heavy rain, remove the greenhouse cover to prevent damage to the structure and ensure safety.
- **Assembly:** This product requires assembly. Follow all instructions carefully during the assembly process.

SETUP AND ASSEMBLY

Careful assembly is crucial for the stability and longevity of your Outsunny greenhouse. It is recommended to have at least two people for assembly.

1. Unpacking and Component Check

Carefully unpack all components and verify against the parts list (not provided in this document, refer to your product packaging). Ensure all parts are present and undamaged before proceeding.

2. Frame Assembly

Assemble the galvanized steel frame according to the detailed instructions provided in your product's physical manual. The frame is designed to be resistant to rust, corrosion, chipping, and peeling. Ensure all connections are secure.

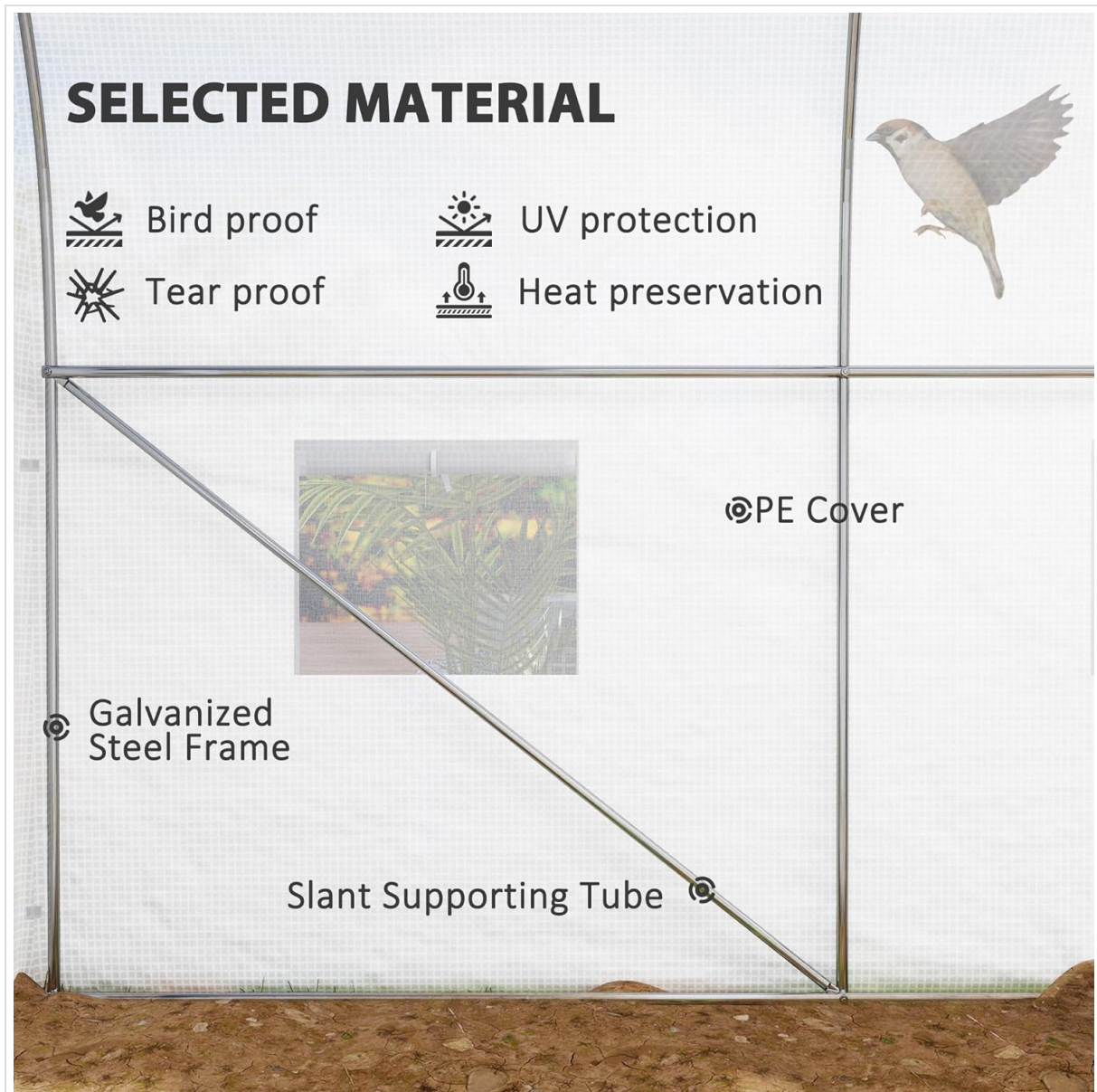


Image Description: A close-up view showing the galvanized steel frame and the PE cover material, highlighting its bird-proof, tear-proof, UV protection, and heat preservation properties. A slant supporting tube is also visible.

3. Cover Installation

Once the frame is fully assembled, carefully drape the PE cover over the structure. Ensure the cover is evenly distributed and aligned with the frame.

4. Securing the Greenhouse

Proper anchoring is essential for stability, especially in windy conditions. The greenhouse includes several features to enhance stability:

- **Extended Edges:** The PE cover features extended edges (approximately 5.9 inches or 15 cm) that should be deeply buried in the soil. This helps to tighten the cover and prevent rainwater accumulation.
- **Foot Stakes:** Ensure the foot stakes are completely nailed into the ground.
- **Wind Ropes and Ground Stakes:** Utilize the four included wind ropes. Tighten and fix them firmly to the ground using the provided ground stakes.
- **Additional Support:** The structure includes four extra slant supporting rods for increased stability.



Image Description: This image illustrates the stability features of the greenhouse, showing the 5.9-inch extended edge designed to be buried in the soil and the method for tightening wind ropes with ground nails.

OPERATION

Your Outsunny tunnel greenhouse is designed for ease of use, providing an optimal environment for plant growth.

Access and Ventilation

The greenhouse features a zippered roll-up door and multiple mesh windows for convenient access and climate control.

- **Roll-Up Door:** The large zippered roll-up door allows for full opening, providing easy access for tending to plants, moving tools, or transporting larger items in and out of the greenhouse.
- **Mesh Windows:** Six mesh windows are integrated into the design. These windows facilitate better air circulation, which is crucial for plant health, and act as a barrier against insects. They can also serve as observation points to monitor plant growth without entering the greenhouse.



Image Description: An exterior view of the greenhouse, highlighting the roll-up zippered door and the roll-up mesh windows, demonstrating their functionality for access and ventilation.



Image Description: A detailed view of a roll-up mesh window, showing its mechanism and the mesh material that allows for air circulation while keeping bugs out.



Image Description: A close-up shot of the roll-up zippered door, illustrating the zipper and the ties used to secure the door in an open position.

Environmental Control

The PE cover is designed to create a suitable microclimate for your plants.

- **Humidity and UV Protection:** The fully closed, waterproof, and UV-resistant PE cover helps maintain high humidity levels, beneficial for tropical plants, and allows nourishing sunlight to penetrate.
- **Temperature Regulation:** Use the roll-up door and windows to regulate the internal temperature and humidity. Open them during warmer periods to prevent overheating and close them to retain heat during cooler times.

Enjoy the joy of planting and harvest

- Vegetables
- Flowers
- Fruits



Image Description: An interior shot of the greenhouse, showcasing various plants, including vegetables, flowers, and fruits, thriving within the controlled environment.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your Outsunny greenhouse.

Seasonal Care

- **Pre-Season Inspection:** Before each growing season, inspect the entire structure for any signs of wear, damage, or loose connections. Tighten all bolts and ensure the frame is stable.
- **Weather Preparedness:** Prior to periods of anticipated bad weather (e.g., heavy snow, strong winds, heavy rain), reinforce the greenhouse structure. Consider adding additional anchors or supports if your local climate experiences extreme conditions.
- **Cover Management:** In severe weather conditions, it is highly recommended to remove the PE cover to prevent damage to both the cover and the frame. This is particularly important in areas with heavy snowfall or strong winds.
- **Winter Storage:** For prolonged periods of harsh winter weather, disassembling the greenhouse and storing the components indoors will significantly extend its lifespan.

Cleaning

- **Cover Cleaning:** Periodically clean the PE cover with mild soap and water to remove dirt, algae, or debris that may reduce light transmission. Avoid harsh chemicals or abrasive cleaners.
- **Frame Cleaning:** Wipe down the galvanized steel frame as needed to remove dirt and prevent buildup.

Component Replacement

- **Cover Lifespan:** The PE cover may degrade over time due to UV exposure and environmental factors. Depending on conditions, the cover may need replacement every 3-4 years.
- **Ties and Fasteners:** Inspect all ties, zippers, and fasteners regularly. Replace any that show signs of wear or damage to maintain the integrity of the greenhouse.

TROUBLESHOOTING

This section addresses common issues you might encounter with your greenhouse.

Greenhouse Instability / Wind Damage

If your greenhouse experiences instability or damage during windy conditions:

- **Check Anchoring:** Ensure all foot stakes are fully driven into the ground and wind ropes are securely tightened and fixed with ground stakes.
- **Reinforce Base:** Consider burying the extended edges of the cover deeper into the soil or placing heavy objects (e.g., patio blocks, sandbags) along the base of the frame to provide additional weight and stability.
- **Add Internal Bracing:** For areas prone to strong winds, additional internal bracing or securing the frame to a more permanent base (e.g., wooden frame) may be necessary.
- **Remove Cover:** In anticipation of severe winds, remove the PE cover to prevent it from acting as a sail and damaging the frame.

Snow Accumulation / Collapse

If heavy snow causes the roof to sag or the structure to collapse:

- **Clear Snow Promptly:** Regularly clear any accumulated snow from the greenhouse roof to prevent excessive weight buildup.
- **Remove Cover in Winter:** In regions with heavy snowfall, it is crucial to remove the PE cover during winter months to prevent structural collapse.
- **Internal Support:** For areas with moderate snow, consider adding temporary internal supports to the roof structure during winter.

Poor Air Circulation / Overheating

If plants are suffering from lack of air or excessive heat:

- **Open Vents:** Ensure all six mesh windows are rolled up and secured to allow for maximum airflow.
- **Open Door:** Fully open the zippered roll-up door during hot periods to facilitate cross-ventilation.
- **Shade:** In extremely hot climates, consider adding external shade cloth during peak sun hours.

SPECIFICATIONS

Key technical specifications for the Outsunny Portable Walk-in Tunnel Greenhouse:

Feature	Detail
Model Number	845-068V01WT
Overall Dimensions (L x W x H)	3.5L x 2W x 2H Meters (137.8" L x 78.7" W x 78.7" H)
Item Weight	14.06 kg (31 Pounds)
Cover Material	Polyethylene (PE) - UV resistant, waterproof
Frame Material	Galvanized Alloy Steel
Number of Doors	1 (Roll-Up Door with Zipper)
Number of Vents/Windows	6 (Roll-Up Mesh Windows)
Color	White
Usage	Outdoor

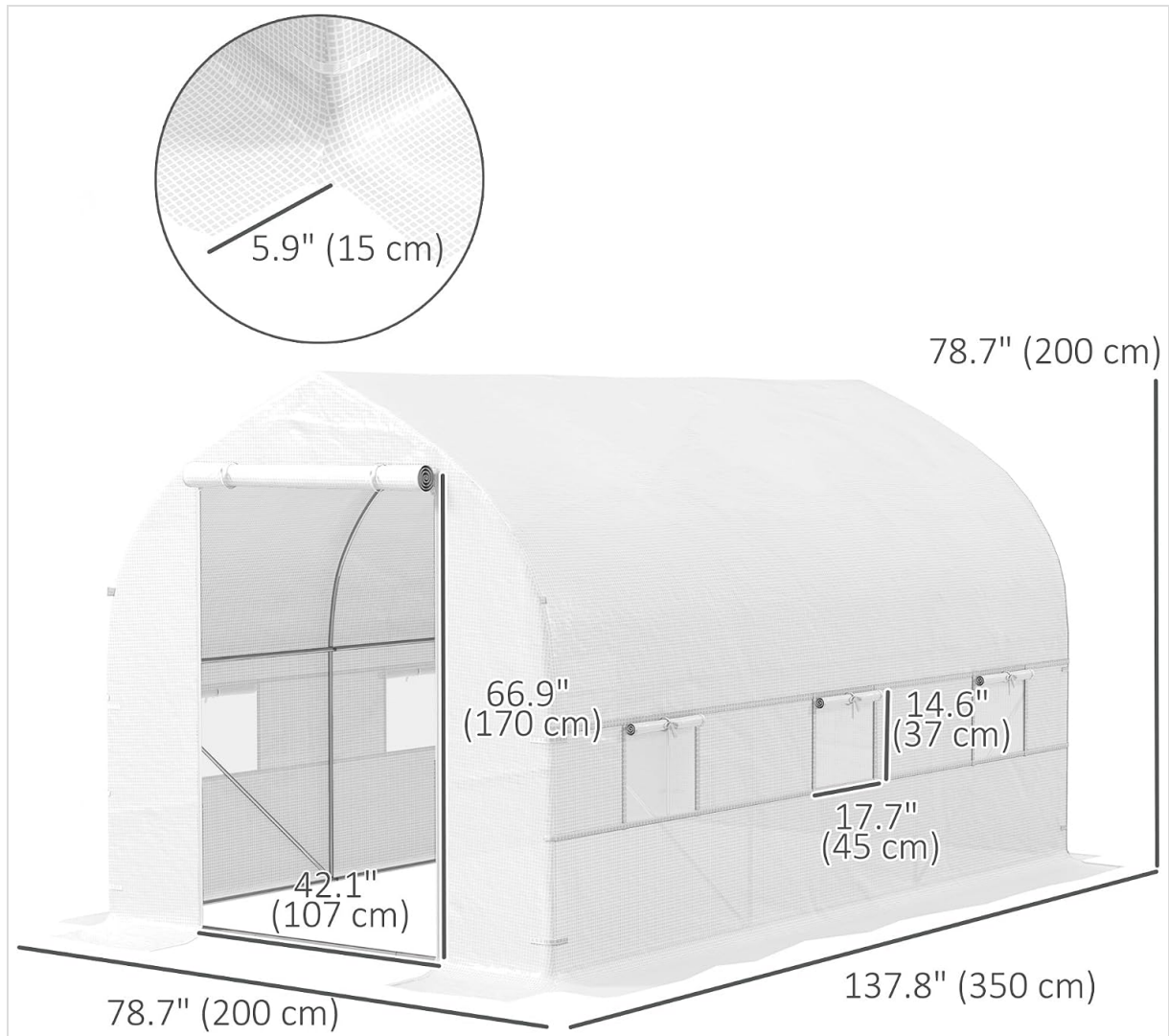


Image Description: A technical diagram illustrating the overall dimensions of the greenhouse, including length, width, height, and specific measurements for the door and windows.

WARRANTY INFORMATION

This Outsunny greenhouse is covered by a **90-day warranty against manufacturer defects** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.

The warranty does not cover:

- Damage caused by improper assembly or installation.
- Damage resulting from misuse, abuse, neglect, or accidents.
- Damage due to extreme weather conditions (e.g., heavy snow, strong winds, heavy rain) if proper precautions (as outlined in the Safety Information and Maintenance sections) were not taken.
- Normal wear and tear, including fading or degradation of the PE cover over time.
- Unauthorized repairs or modifications.

To make a warranty claim, please retain your proof of purchase and contact customer support.

CUSTOMER SUPPORT

For any questions, assistance with assembly, or warranty inquiries, please contact Outsunny customer support:

Manufacturer: Aosom Canada

Location: Markham, Ontario, CA

Telephone: [1-416-792-6088](tel:1-416-792-6088)

Please have your model number (845-068V01WT) and proof of purchase ready when contacting support.

PRODUCT VIDEOS

Outsunny 845-068 Tunnel Green House Overview

Your browser does not support the video tag.

Video Description: This video provides a general overview of the Outsunny 845-068 Tunnel Greenhouse, showcasing its features and design. While it may not be the exact model, it represents the general structure and functionality of similar Outsunny tunnel greenhouses.

Outsunny 845-072 Tunnel Green House Features

Your browser does not support the video tag.

Video Description: This video highlights various features of an Outsunny tunnel greenhouse, including its construction and design elements. It offers a visual guide to understanding the product's capabilities.

Outsunny 84H-220V00WT Tunnel Greenhouse Walkthrough

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Video Description: A walkthrough video demonstrating the interior and exterior of an Outsunny tunnel greenhouse, providing a visual representation of its size and functionality.

