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› Outsunny 7' x 3' x 7' Outdoor Lean-to Walk-in Greenhouse Instruction Manual (Model 845-304V04)

Outsunny 845-304V04

Outsunny 7' x 3' x 7' Outdoor Lean-to Walk-in Greenhouse Instruction Manual

Model: 845-304V04

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Outsunny 7' x 3' x 7' Outdoor Lean-to Walk-in Greenhouse. Please read all instructions carefully before beginning assembly and retain this manual for future reference. This greenhouse is designed to protect plants from cold weather and extend the growing season, featuring a sturdy galvanized steel frame, a PE cover, and internal shelving.



Image: The Outsunny 7' x 3' x 7' Lean-to Walk-in Greenhouse, shown in an outdoor garden setting.

SAFETY INFORMATION

Warning:

- Handle with care during assembly to avoid injury from sharp edges.
- Ensure proper ventilation to prevent overheating inside the greenhouse.
- Securely anchor the greenhouse to prevent structural damage or injury during high winds.
- Avoid using harsh chemicals near the greenhouse to prevent damage to the PE cover.

PACKAGE CONTENTS

Before assembly, verify that all components listed below are present and undamaged:

- Galvanized Steel Frame Components
- PE Cover
- 3-Tier Shelving Units (4 wire panels total)
- Ground Nails
- Pull Ropes (Guy Ropes)



Image: Illustration highlighting the PE cover, stable steel frame, and features like tear-proof material, heat preservation, and bird-proof design.

SETUP AND ASSEMBLY INSTRUCTIONS

Assembly is required. It is recommended to have two people for easier and safer assembly, especially when handling taller sections.

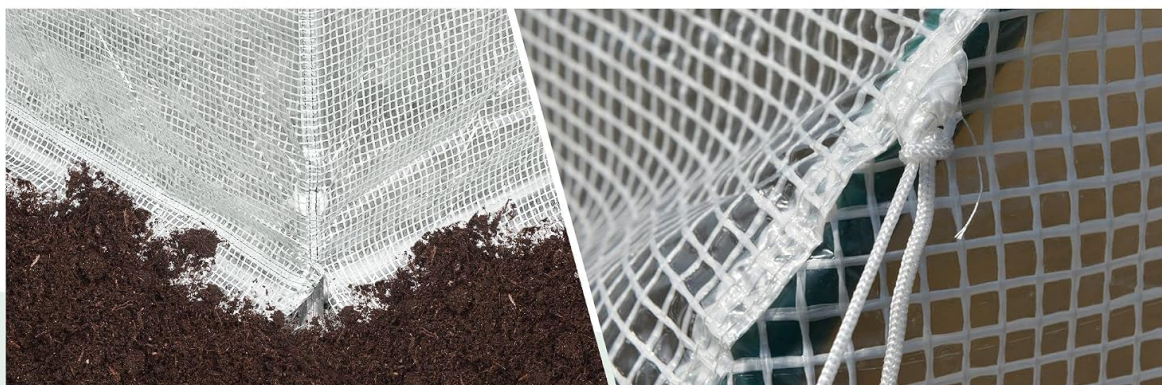
1. **Unpack and Identify Parts:** Carefully unpack all components and lay them out. Refer to the included assembly diagram to identify each frame piece and connector. Note that connectors are numbered, but also identifiable by shape.
2. **Assemble the Base Frame:** Connect the base poles using the appropriate connectors. Ensure all connections are fully seated. A rubber mallet may be helpful to gently tap poles into connectors for a secure fit.
3. **Construct Vertical Supports:** Attach the vertical poles to the base frame. Work systematically to build the structure upwards.
4. **Install Shelving:** Once the main frame is partially assembled, install the 3-tier wire shelving panels. Ensure they rest securely on the frame bars. If shelves feel unstable, consider adding zip ties or placing plywood over them for added support.

5. **Complete the Upper Frame:** Continue assembling the remaining vertical and horizontal poles to form the complete greenhouse structure.
6. **Drape the PE Cover:** Carefully drape the PE cover over the assembled frame. Ensure the zippered doors and roll-up window are correctly positioned.
7. **Secure the Cover:** Fasten the cover to the frame using any integrated ties or straps. Ensure the cover fits snugly to prevent wind from entering.
8. **Anchor the Greenhouse:**
 - **Bury Edges:** The 5.9-inch (15cm) extended edges of the PE cover should be deeply buried in the soil. This creates a tight seal and adds significant stability against wind.
 - **Use Guy Ropes and Ground Nails:** Tighten the four provided guy ropes and fix them firmly to the ground using the ground nails. For areas with high winds, consider using stronger camping rope and more robust pegs for enhanced stability.
9. **Placement:** It is recommended to place the lean-to greenhouse near a wall or fence to help reduce wind exposure and provide additional structural support.



Image: A close-up view of a greenhouse frame connector, showing how the alloy steel poles fit into the plastic joint.

STABLE STANDING



The **15cm/6"** extended edges should be deeply buried in the soil

Tighten the 4 wind ropes and fix them firmly on the ground with ground nails

Image: Demonstrates how to ensure stable standing by burying the extended edges of the cover in the soil and tightening the four wind ropes with ground nails.

OPERATING INSTRUCTIONS

Your greenhouse is designed for ease of use and optimal plant growth.

- **Zippered Doors:** The greenhouse features two zippered doors that open fully. Use these for easy access to your plants, tools, and for ventilation. Operate the zippers slowly and carefully to prevent damage to the plastic material.
- **Roll-up Window:** A roll-up window with a built-in screen is provided for ventilation and temperature control. Roll up the window to allow air circulation and release excess heat and humidity. The screen helps to keep pests out while maintaining airflow.
- **3-Tier Shelves:** Utilize the three tiers of shelving to organize your plants, seed trays, and gardening supplies. Distribute weight evenly across the shelves.

PRACTICAL DESIGN



Window Screen
easy to observe



2 Zippered Roll Up Door
for easy access in/out



3 Tier Flower Shelves
provides ample space for plants storage



Image: Highlights the practical design elements including the window screen, two zippered roll-up doors, and 3-tier flower shelves for plant storage.

MAINTENANCE

Regular maintenance will extend the life of your greenhouse.

- **PE Cover Care:** Periodically clean the PE cover with mild soap and water to remove dirt and debris, ensuring maximum light penetration. Avoid abrasive cleaners or harsh chemicals that could damage the material. Inspect the cover for any tears or damage and repair promptly to maintain its protective qualities.
- **Frame Inspection:** Regularly check the galvanized steel frame for any signs of rust, bending, or loose connections. Tighten any loose bolts or connections as needed.
- **Anchoring System:** After strong winds or heavy rain, inspect the ground nails and guy ropes to ensure they are still securely anchored. Re-tighten or re-position as necessary.
- **Winter Storage:** In regions with harsh winters (heavy snow, extreme cold), it is advisable to disassemble the greenhouse and store it indoors to prevent damage.

TROUBLESHOOTING

- **Greenhouse Instability in Wind:** If the greenhouse rocks or is unstable in windy conditions, ensure the extended edges of the PE cover are deeply buried in the soil. Verify that all guy ropes are taut and securely fastened with ground nails. For increased stability, consider replacing the provided ropes and pegs with stronger, tent-quality alternatives. Placing heavy objects (e.g., patio stones, sandbags) inside the base can also help.
- **Flimsy Shelves:** If the wire shelves bend under weight, distribute plant pots more evenly. For heavier items or increased stability, place a piece of plywood or a sturdy board over the wire panels.
- **Zipper Issues:** If the zipper snags or tears, operate it slowly and carefully. Avoid forcing the zipper. Minor tears in the plastic near the zipper can sometimes be repaired with strong adhesive tape designed for outdoor use.
- **Insufficient Direct Sunlight:** The PE cover is designed to filter harmful UV rays while allowing beneficial sunlight. This can result in a diffused light environment. If more direct sunlight is desired, ensure the greenhouse is placed in an area that receives maximum sun exposure throughout the day.

SPECIFICATIONS

Feature	Detail
Model Number	845-304V04
Overall Dimensions (L x W x H)	200 x 100 x 215 cm (6.6'L x 3.3'W x 7'H)
Item Weight	7.48 kg
Frame Material	Alloy Steel (Galvanized)
Cover Material	Polyethylene (PE)
Number of Doors	2 (Zippered, Roll-Up)
Number of Vents	1 (Roll-Up Window with Screen)
Shelving	3-Tier (4 wire panels total)
Weight Capacity (Each Wire Panel)	10 kg (22 lbs)
Included Components	Ground Nails, Pull Ropes
Indoor/Outdoor Usage	Outdoor



Image: Diagram illustrating the overall dimensions of the greenhouse: 78.75" (length), 39.25" (width), and 84.75" (height).

WARRANTY AND SUPPORT

Manufacturer Warranty: This product comes with a 90-day warranty against manufacturer defects.

Manufacturer Contact Information: For support, inquiries, or warranty claims, please contact Aosom Canada at Tel. 1-416-792-6088. Their place of business is Markham, Ontario, CA.