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› [Outsunny 20' x 10' x 7' Walk-in Tunnel Greenhouse \(Model 845-233WT\) Instruction Manual](#)

## Outsunny 845-233WT

# Outsunny 20' x 10' x 7' Walk-in Tunnel Greenhouse

Model: 845-233WT

## 1. INTRODUCTION AND OVERVIEW

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The Outsunny 20' x 10' x 7' Walk-in Tunnel Greenhouse (Model 845-233WT) is designed to provide a protected and controlled environment for cultivating plants. This manual offers comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your greenhouse to ensure its proper use and extended lifespan. This greenhouse features a spacious walk-in design, a durable galvanized steel frame, a tough PE plastic cover, a zippered roll-up door, and eight roll-up mesh windows for optimal ventilation.



Image 1.1: The Outsunny Walk-in Tunnel Greenhouse installed in a garden.

## 2. SAFETY INFORMATION

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Please read and understand all safety warnings and instructions before assembling or operating this greenhouse. Failure to follow these instructions may result in injury or damage to the product.

- Always assemble the greenhouse with at least two people.
- Do not attempt to assemble or disassemble the greenhouse during strong winds, heavy rain, or snow.
- Ensure the greenhouse is securely anchored to the ground using the provided screw stakes, rods, and by burying the overlong cover edges.
- Take down the structure before snow storms, strong wind, and heavy rain to prevent damage.
- Keep children and pets away from the assembly area.
- Proposition 65 Warning: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 3. PACKAGE CONTENTS

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

- Galvanized Steel Frame Components (various pipes and connectors)
- PE Plastic Cover (White)
- Tether Balls
- Double-Side Tape
- Screw Stakes (4)
- Rods (4)
- Guy Ropes
- Spiral Ground Stakes
- Assembly Hardware (bolts, nuts, etc.)



Image 3.1: Key components for assembly and anchoring.

## 4. SETUP AND ASSEMBLY INSTRUCTIONS

Follow these steps carefully for proper assembly. It is recommended to have at least two people for this process.

1. **Prepare the Site:** Choose a level, well-drained area for your greenhouse. Clear any debris or sharp objects.
2. **Assemble the Frame:** Connect the galvanized steel pipes according to the diagram provided in your separate assembly guide. Ensure all connections are secure. The frame includes 4 slant bracing tubes, a front cross bar, and middle reinforced tubes for enhanced stability.
3. **Install the PE Cover:** Carefully drape the PE plastic cover over the assembled frame. Ensure it is centered and evenly distributed. The cover is designed to protect plants while allowing nourishing sunlight to pass through.
4. **Secure the Cover:** Attach the cover to the frame using the included tether balls and double-side tape. Ensure the cover is taut to prevent water pooling.
5. **Anchor the Greenhouse:** The overlong edges of the cover should be deeply buried in the soil (approximately 30cm/11.75 inches) to provide a secure base. Additionally, use the 4 screw stakes and 4 rods to firmly anchor the greenhouse to the ground. Utilize the guy ropes and spiral ground stakes for extra stability, especially in areas prone to wind.

# STABLE STANDING



The **30cm/11.75"** extended edge should be deeply buried in the soil

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

Image 4.1: Proper anchoring of the greenhouse cover by burying the extended edge and using ground stakes.



Image 4.2: The spacious interior of the greenhouse allows for comfortable plant care.

Video 4.1: An overview of the Outsunny Walk-in Tunnel Greenhouse, showcasing its features and design. This video is provided by the seller, Aosom Direct.

## 5. OPERATING INSTRUCTIONS

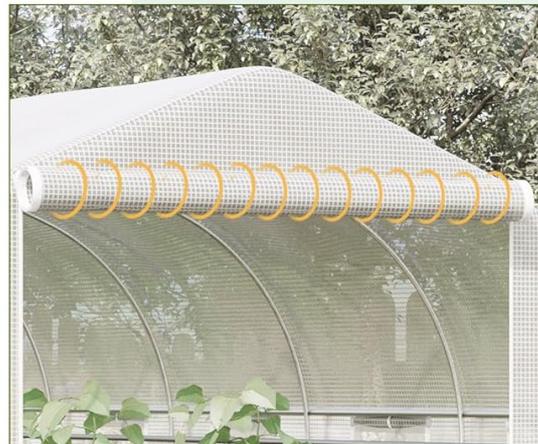
Proper operation ensures the best growing conditions for your plants.

- **Using the Roll-Up Zippered Door:** The large zippered roll-up door provides easy access to the interior. Unzip the door and roll it up, securing it at the top to keep it open. This allows for easy entry, exit, and movement of equipment.
- **Utilizing Roll-Up Mesh Windows:** The greenhouse features eight roll-up windows with netting. These windows are crucial for cross-ventilation and climate control. Roll them up to allow air circulation and prevent overheating, while the netting keeps birds and larger insects out.
- **Climate Control:** Monitor the internal temperature and humidity. Adjust the number of open windows and the door position to maintain optimal conditions for your specific plants.



**ROLL-UP MESH WINDOW**

Ensure good air circulation



**ROLL-UP ZIPPERED DOOR**

Easy access to care for plants



**TAPE**

Tape the top screws, so they won't rub on the cover



**TETHERBALL**

Easy to connect lid and frame

Image 5.1: Details of the roll-up mesh window and zippered door mechanisms.



## LARGE ROLL-UP DOOR

Easy to move equipment  
and tools in and out

Image 5.2: The large roll-up door provides convenient access.



## MESH WINDOWS

Increase ventilation while  
keeping insects and birds out

Image 5.3: Mesh windows for ventilation and pest control.

## 6. MAINTENANCE

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Regular maintenance will prolong the life of your greenhouse.

- **Cleaning the Cover:** Periodically clean the PE plastic cover with mild soap and water to ensure maximum light transmission. Avoid abrasive cleaners or brushes that could damage the material.
- **Frame Inspection:** Regularly check the galvanized steel frame for any signs of rust, corrosion, or loose connections. Tighten bolts as needed.
- **Anchoring Check:** Inspect the ground anchors and buried cover edges periodically, especially after strong winds, to ensure the greenhouse remains securely fastened.
- **Zipper Care:** Handle the zippers gently. If they become stiff, apply a silicone-based lubricant to ensure smooth operation. Avoid forcing stuck zippers.
- **Weather Preparedness:** As noted in safety, remove the cover during heavy snow, strong winds, or heavy rain to prevent structural damage.

# SELECTED MATERIAL



Tear-Proof



Heat preservation



UV protection



Bird-Proof

Image 6.1: The PE cover offers tear-proof, heat preservation, UV protection, and bird-proof qualities.

## REINFORCED GALVANIZED STEEL

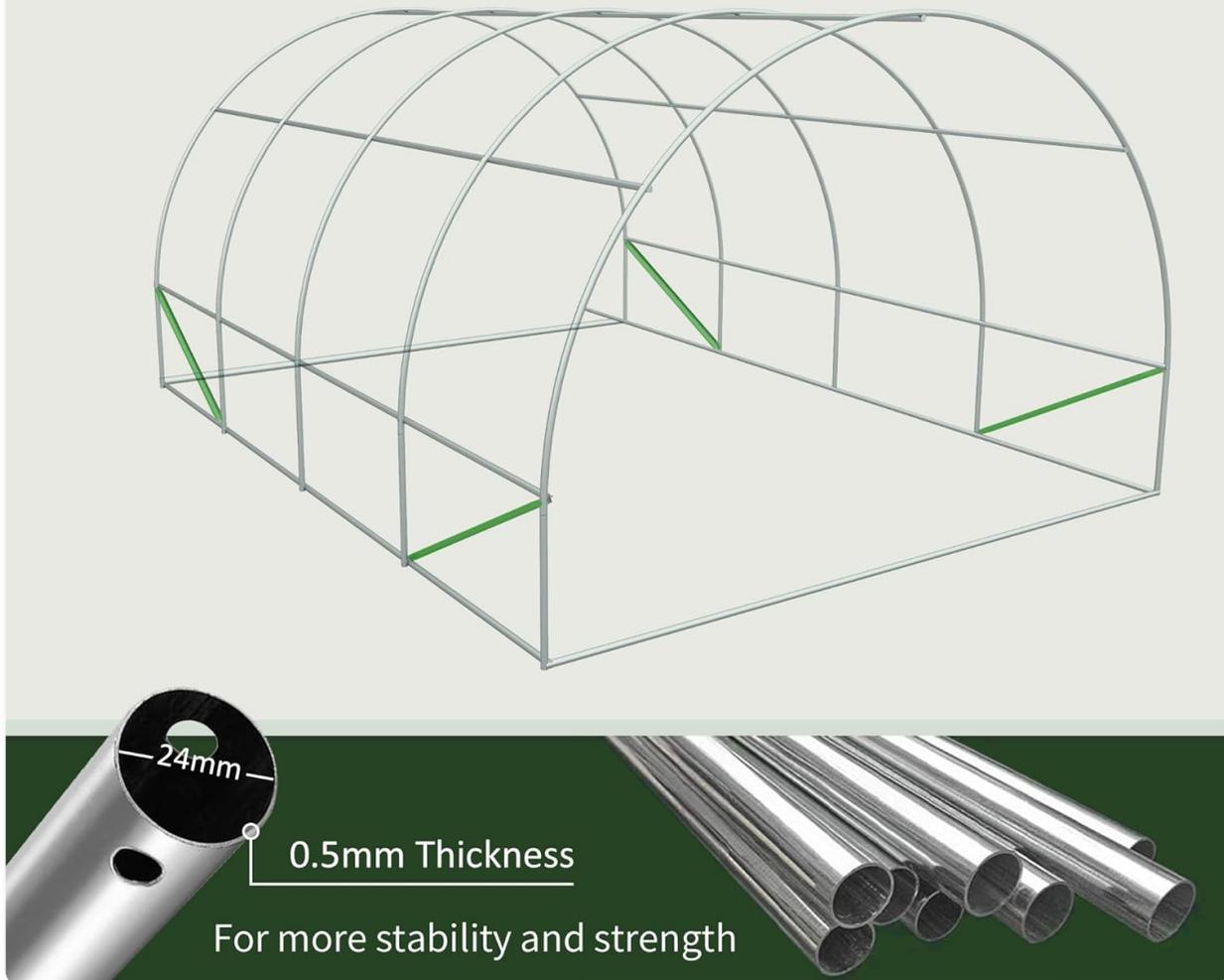


Image 6.2: The galvanized steel frame provides stability and strength.

## 7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

- **Problem: Greenhouse instability or movement in wind.**  
*Solution:* Ensure all frame connections are tight. Verify that the overlong cover edges are deeply buried and that all screw stakes, rods, guy ropes, and spiral ground stakes are properly installed and secured. Consider adding additional weight to the base if in a very windy area.
- **Problem: Excessive heat buildup inside the greenhouse.**  
*Solution:* Open the roll-up mesh windows and the zippered door to increase air circulation. Consider adding a shade cloth over the top during peak summer months if temperatures remain too high.
- **Problem: Zippers are difficult to operate or have broken.**  
*Solution:* Apply a silicone-based lubricant to the zipper teeth to improve movement. Avoid forcing zippers. If a zipper is broken, it may require repair or replacement of the cover.
- **Problem: Water pooling on the roof of the greenhouse.**  
*Solution:* Ensure the PE cover is installed tautly and evenly over the frame. Check for any sagging areas and adjust the cover tension if possible. Clear any debris (leaves, branches) that may

accumulate on the roof.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	845-233WT
Brand	Outsunny
Dimensions (L x W x H)	234.3" x 118.1" x 82.7" (20' x 10' x 7')
Item Weight	67 pounds
Frame Material	Alloy Steel (Galvanized)
Cover Material	Polyethylene (PE)
Number of Doors	1 (Zippered Roll-Up)
Number of Vents	8 (Roll-Up Mesh Windows)
Indoor/Outdoor Usage	Outdoor
Special Feature	Walk-in Design

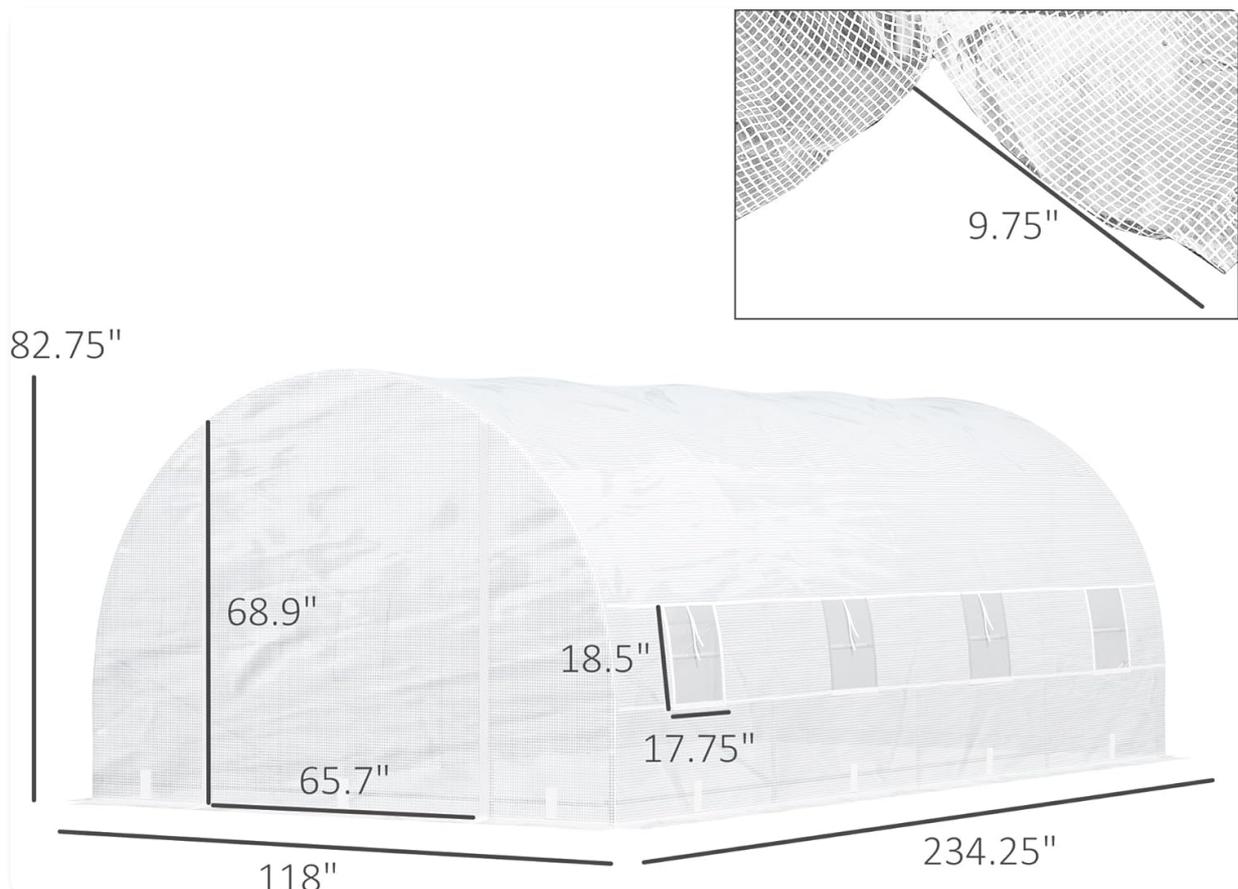


Image 8.1: Detailed dimensions of the greenhouse structure.

## 9. WARRANTY AND SUPPORT

This product is backed by a 30-day easy returns policy. For any questions, missing parts, or support needs, please contact Outsunny customer service or the seller, Aosom Direct. Keep your purchase receipt for warranty claims.

**Contact Information:**

- Seller: Aosom Direct
- Customer Support: Refer to your purchase documentation for specific contact details.