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› [Outsunny](#) /

› [Outsunny 4 x 3m Walk-in Polytunnel Greenhouse Instruction Manual \(Model: 84H-033V03GN\)](#)

## Outsunny 84H-033V03GN

# Outsunny 4 x 3m Walk-in Polytunnel Greenhouse

Model: 84H-033V03GN

Instruction Manual

## 1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before assembly and use. Failure to follow these instructions may result in injury or damage to the product.

- **Assembly:** This greenhouse requires assembly by two to three people. Ensure all parts are present and undamaged before beginning.
- **Anchoring:** Proper anchoring is crucial for stability, especially in windy conditions. Bury the extended cover edges into the soil as instructed. Additional anchoring (not included) may be necessary in high-wind areas.
- **Location:** Choose a level, well-drained site for installation. Avoid placing near overhead power lines or structures that could fall onto the greenhouse.
- **Ventilation:** Ensure adequate ventilation to prevent overheating and promote plant health. Utilize the doors and mesh windows.
- **Maintenance:** Regularly inspect the frame and cover for damage. Repair or replace damaged components promptly.
- **Weight Distribution:** Do not hang heavy objects from the frame. Avoid excessive snow accumulation on the roof.

## 2. PRODUCT OVERVIEW

The Outsunny 4 x 3m Walk-in Polytunnel Greenhouse provides a protected environment for growing plants, vegetables, and flowers year-round. Its robust design features a galvanized steel frame and a durable UV-resistant PE cover.



Image 2.1: The Outsunny 4 x 3m Walk-in Polytunnel Greenhouse, fully assembled in a garden. This image shows the overall structure, including the green PE cover, arched frame, and a partially open door.

### Key Features:

- **Dimensions:** 400L x 300W x 200H cm (157.48"L x 118.11"W x 78.74"H)
- **Frame Material:** Galvanized Steel with 25mm diameter tubes and additional reinforcement rods for enhanced stability.
- **Cover Material:** 140gsm UV-resistant Polyethylene (PE) with reinforced polyester cloth, offering bird-proof, heat preservation, tear-proof, and UV protection properties.
- **Doors:** Two hinged doors (80W x 190H cm) for easy access and ventilation, equipped with latches.
- **Windows:** Eight mesh windows (35W x 35H cm) for ventilation and pest control.
- **Stability:** 20cm extended cover edges designed to be buried in the soil for added wind resistance.

# UPGRADED COVER

UV-resistant 140GSM PE Cover →



Bird Proof



Heat Preservation



Tear Proof



UV protection

Reinforced Polyester Cloth →



Image 2.2: Detail of the upgraded UV-resistant 140GSM PE cover, highlighting its bird-proof, heat preservation, tear-proof, and UV protection features, along with reinforced polyester cloth.

# REINFORCED STRUCTURE

## Extra Reinforcement Rods

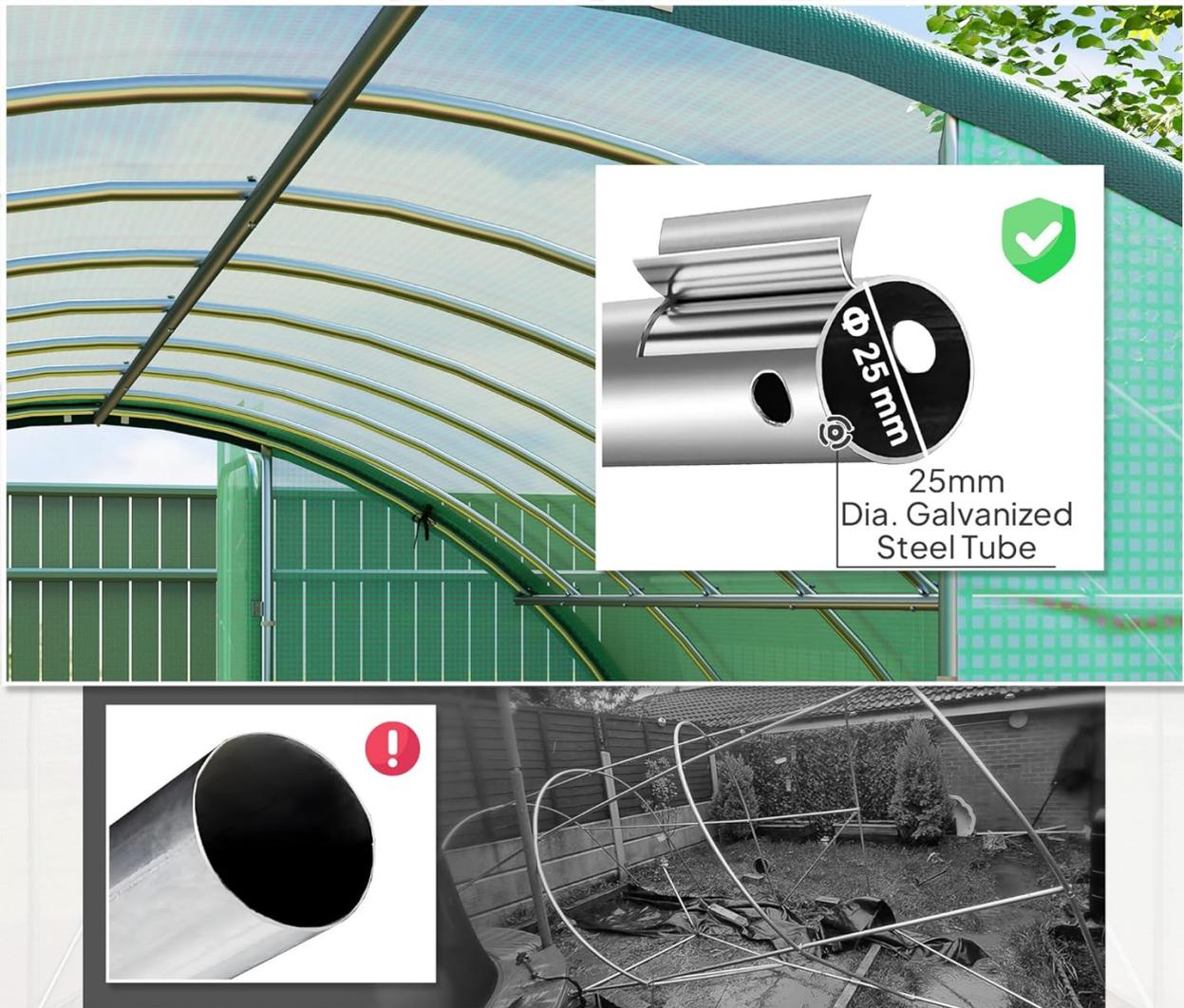


Image 2.3: Illustration of the reinforced structure, showing the 25mm diameter galvanized steel tubes and extra reinforcement rods for improved stability.

### 3. SETUP (ASSEMBLY)

Assembly of this polytunnel greenhouse requires careful attention to detail and is best performed by two to three individuals. Ensure you have sufficient space and all components before starting.

#### 3.1 Unpacking and Part Identification

1. Carefully unpack all components and lay them out.
2. Refer to the included parts list to identify each component (poles, connectors, cover, hardware). Verify all parts are present and undamaged.

#### 3.2 Frame Assembly

1. Begin by assembling the base frame according to the diagrams in your manual. Connect the galvanized steel poles using the provided connectors and hardware.
2. Erect the arched frame sections, ensuring they are securely fastened. Pay close attention to the orientation of

each pole.

3. Install the top reinforcement rods to enhance the structural integrity of the frame.

### 3.3 Cover Installation

1. Carefully drape the PE cover over the assembled frame. Ensure it is centered and evenly distributed.
2. Secure the cover to the frame using the ties or fasteners provided. Work from one end to the other, ensuring a snug fit.
3. Once the cover is in place, bury the 20cm extended edges deep into the surrounding soil. This action is critical for anchoring the greenhouse and preventing wind uplift.



Image 3.1: Close-up showing the 20cm extended edges of the cover, designed to be buried deep in the soil for enhanced stability and wind resistance.

### 3.4 Door and Window Installation

1. Install the two hinged doors at the designated openings. Ensure they swing freely and the latches operate correctly.
2. Attach the eight mesh windows to their respective positions on the cover. These windows are designed to be rolled up and secured for ventilation.

# FRONT & REAR DOORS

For easy access and good ventilation



Image 3.2: View of the front and rear hinged doors, illustrating their dimensions (0.8m wide, 1.9m high) and the latch mechanism for easy access and ventilation.

# MESH WINDOWS

Keep ventilated while keep unwanted guests with wings out

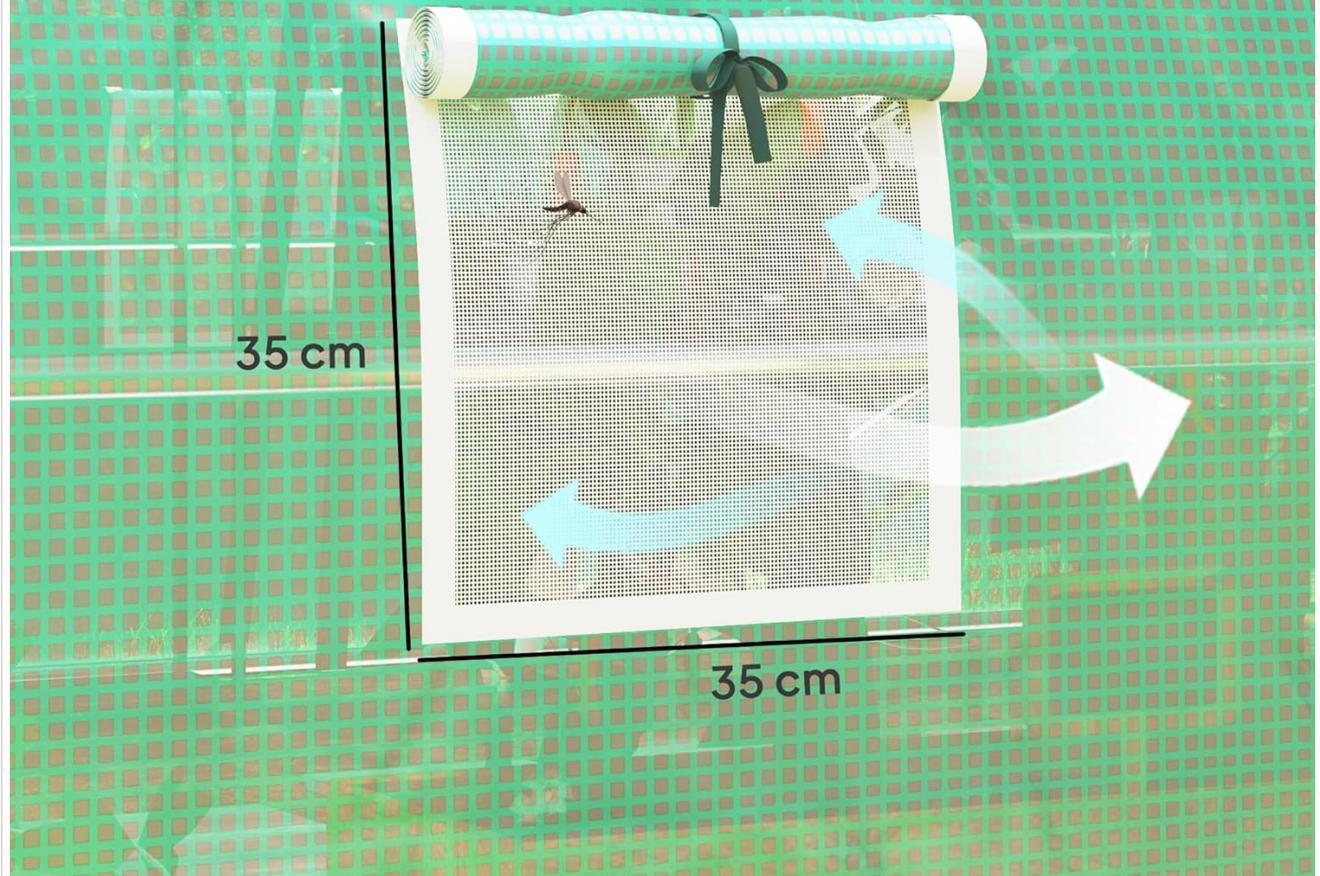


Image 3.3: Close-up of a mesh window (35cm x 35cm), demonstrating its function to keep the greenhouse ventilated while preventing unwanted pests from entering.

## 4. OPERATING INSTRUCTIONS

### 4.1 Ventilation Control

- **Doors:** Open the hinged doors for maximum airflow, especially on warm days, to prevent excessive heat buildup. Close them to retain heat or protect plants from cold.
- **Mesh Windows:** Roll up the mesh windows to allow air circulation while keeping insects and birds out. Secure them in the open position using the provided ties. Close them during colder periods or when high humidity is desired.

### 4.2 Environmental Management

- **Temperature:** Monitor the internal temperature. Use ventilation to cool the greenhouse and close openings to retain warmth. The UV-resistant PE cover helps in heat preservation.
- **Humidity:** Adjust ventilation to control humidity levels. Higher humidity is beneficial for some plants, while excessive humidity can lead to fungal issues.

- **Sunlight:** The PE cover allows approximately 85% sunlight transmission, providing adequate light for most plants while offering UV protection.

## 5. MAINTENANCE

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Regular maintenance will extend the lifespan of your polytunnel greenhouse and ensure optimal growing conditions.

- **Cleaning the Cover:** Periodically clean the PE cover with mild soap and water to remove dirt, dust, and algae buildup. Avoid abrasive cleaners or brushes that could damage the material. Rinse thoroughly.
- **Frame Inspection:** Regularly check all frame connections and hardware for tightness. Tighten any loose bolts or screws. Inspect poles for rust or damage and address promptly.
- **Cover Inspection:** Examine the cover for any tears, punctures, or signs of wear. Small damages can be repaired with specialized greenhouse repair tape. Large damages may require cover replacement.
- **Anchoring Check:** After strong winds or heavy rain, verify that the buried edges of the cover are still securely in place. Re-bury or reinforce if necessary.
- **Winter Preparation:** In areas with heavy snowfall, gently remove snow accumulation from the roof to prevent structural stress. Consider temporarily removing the cover in extreme winter conditions if the greenhouse is not actively used.

## 6. TROUBLESHOOTING

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### 6.1 Common Issues and Solutions

- **Issue:** Greenhouse feels unstable or sways in wind.  
**Solution:** Ensure the 20cm extended cover edges are deeply buried in the soil. Check all frame connections for tightness. Consider adding additional ground anchors or guy ropes for extra stability, especially in exposed locations. The greenhouse is rated for Windproof Level 6 when fully fixed.
- **Issue:** Excessive heat buildup inside.  
**Solution:** Increase ventilation by fully opening both hinged doors and rolling up all eight mesh windows. Consider using shade netting over the cover during peak summer heat if plants are sensitive.
- **Issue:** Condensation or high humidity.  
**Solution:** Improve airflow by opening doors and windows. Ensure proper spacing between plants to allow air circulation.
- **Issue:** Cover tearing or damage.  
**Solution:** For small tears, use a specialized greenhouse repair tape. For larger damage, contact customer support for replacement cover options. Ensure the cover is not rubbing against sharp edges of the frame.

## 7. SPECIFICATIONS

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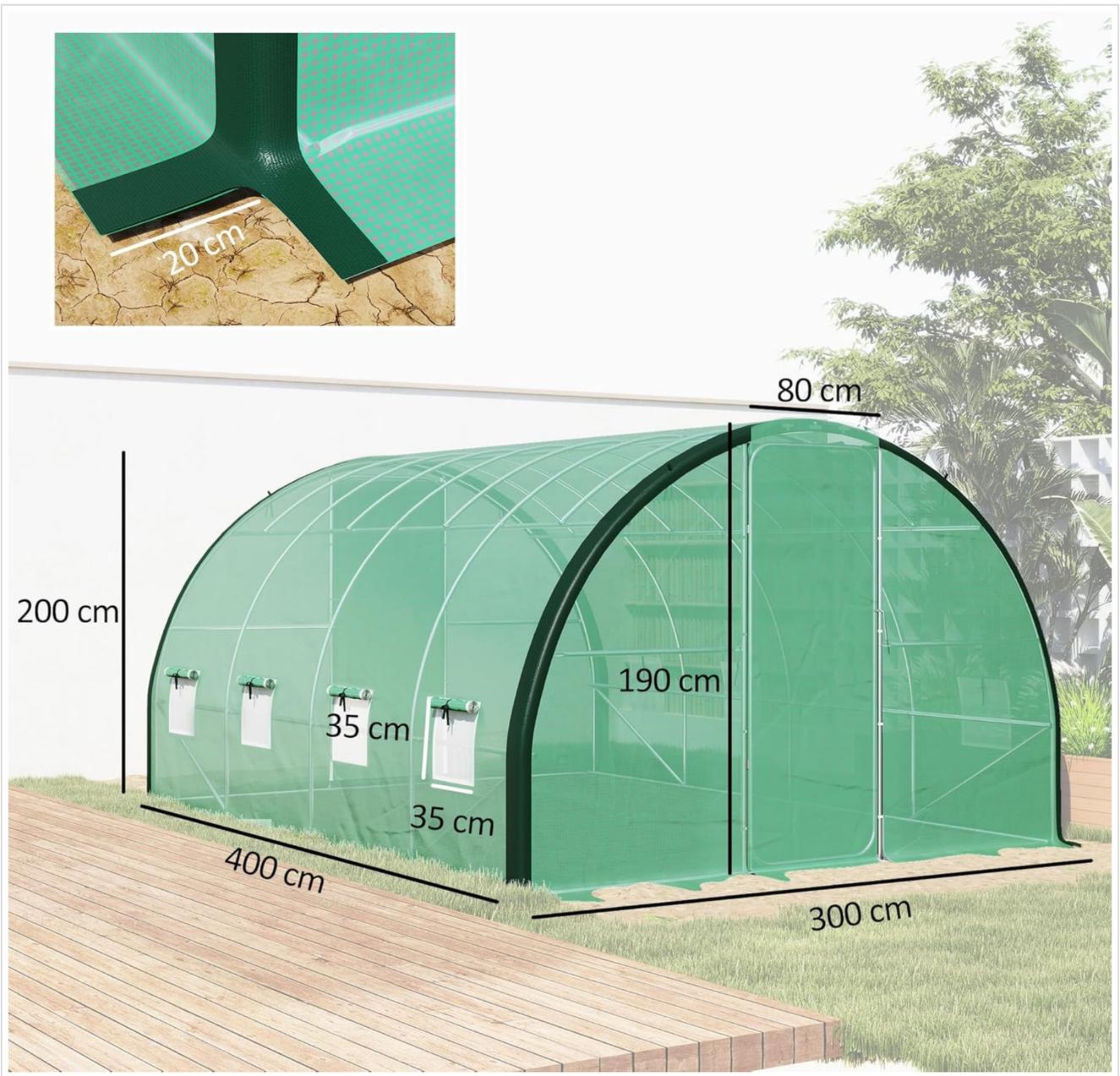


Image 7.1: Detailed dimensional diagram of the polytunnel greenhouse, showing overall length (400cm), width (300cm), height (200cm), door dimensions (80cm x 190cm), and window dimensions (35cm x 35cm).

Feature	Detail
Overall Dimensions	400L x 300W x 200H cm (157.48"L x 118.11"W x 78.74"H)
Door Dimensions	80W x 190H cm
Side Window Dimensions	35W x 35H cm
Extended Edge Width	20 cm
Frame Material	Galvanized Steel (25mm diameter tubes)
Cover Material	140gsm Polyethylene (PE), Polyester
Color	Green
Number of Doors	2 (Hinged)
Number of Windows	8 (Mesh)

Windproof Level (fully fixed)	Level 6
Item Weight	35 kg (77 lbs)
Model Number	84H-033V03GN

## 8. WARRANTY AND SUPPORT

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For warranty information, please refer to the terms and conditions provided at the time of purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.

If you encounter any issues during assembly or operation, or require replacement parts, please contact Outsunny customer support or the retailer from whom you purchased the product. Provide your model number (84H-033V03GN) and a detailed description of the issue to assist with prompt resolution.

**Manufacturer:** Sold by MHSTAR