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> Outsunny 4-Tier Garden Greenhouse with Shelves, Steel Frame, Roll-Up Zipper Door, 143 x 73 x 195 cm

## Outsunny 01-0482

# Outsunny 4-Tier Garden Greenhouse Instruction Manual

Model: 01-0482

## 1. PRODUCT OVERVIEW

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This Outsunny 4-tier garden greenhouse is designed to provide an optimal environment for growing plants, vegetables, and flowers. It protects them from adverse weather conditions such as cold, rain, and excessive sun, as well as from pests like insects and birds. Its compact design makes it suitable for balconies, patios, and small gardens.

The greenhouse features a robust steel frame, a transparent PVC cover for maximum light transmission and heat retention, and four integrated shelves for organized plant display and growth. A roll-up zippered door allows for easy access and ventilation control.



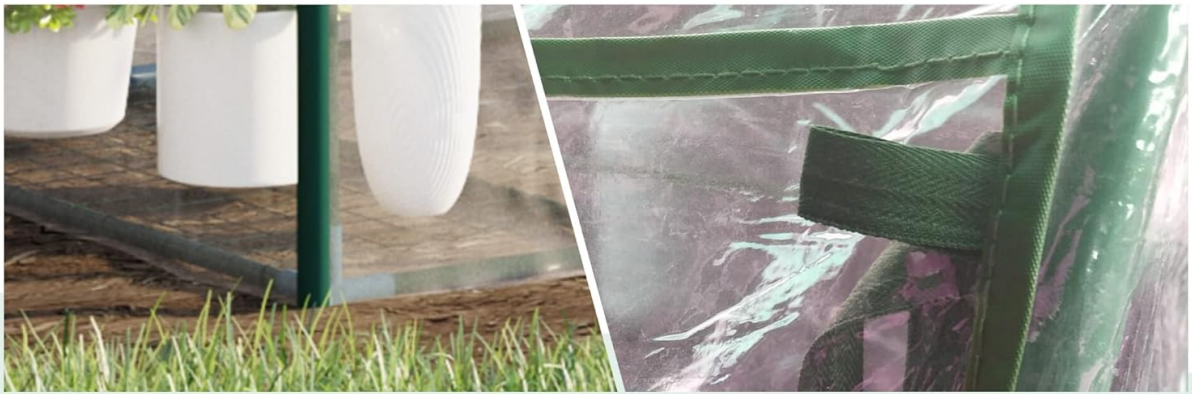
Image 1.1: The Outsunny 4-Tier Garden Greenhouse, showcasing its transparent cover and internal shelving with potted plants.

## 2. SAFETY INSTRUCTIONS

- **Secure Anchoring:** Always ensure the greenhouse is securely anchored to the ground using the four provided ground stakes and tie-down cords. Failure to do so may result in the greenhouse being displaced by wind, causing damage or injury.
- **Handle with Care:** Exercise caution when handling metal frame components during assembly and maintenance to prevent cuts or pinches. Wearing protective gloves is recommended.
- **Weight Limit:** Do not exceed the maximum recommended load of 15 kg per shelf. Overloading shelves can compromise the structural integrity of the greenhouse.
- **Wind Conditions:** This greenhouse is designed for wind resistance up to Level 4 (wind speed below 28 km/h). In strong winds or severe weather conditions, consider disassembling or relocating the greenhouse to a more sheltered area.
- **Ventilation:** Ensure adequate ventilation, especially on hot days, by opening the roll-up door to prevent

overheating of plants.

## STABLE



Les bords allongés de 10 cm doivent être profondément enfouis dans le sol

4 clous de sol doivent être attachés aux cordes à vent et pénétrer profondément dans le sol

Image 2.1: Detail of the greenhouse base showing the 10 cm extended cover for burying and the ground stakes for secure anchoring.

### 3. PACKAGE CONTENTS

Before assembly, verify that all components are present and undamaged. The package should include:

- Steel frame tubes and connectors
- Transparent PVC cover (0.1 mm thickness, 140g/m<sup>2</sup>)
- 4 metal shelves
- 4 tie-down cords
- 4 ground anchors/stakes

### 4. ASSEMBLY INSTRUCTIONS (SETUP)

Follow these steps for proper assembly. It is recommended to assemble the greenhouse on a flat, level surface.

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out. Identify each component according to the included parts list (if provided).
2. **Assemble the Base Frame:** Connect the bottom steel tubes using the appropriate connectors to form the base rectangle of the greenhouse.
3. **Construct Side and Roof Frames:** Attach the vertical and horizontal tubes to build the side walls and roof structure. Ensure all connections are firm.
4. **Install Shelves:** Place the four metal shelves onto the designated support bars within the frame.
5. **Drape the PVC Cover:** Carefully place the transparent PVC cover over the assembled frame. Ensure the zippered door is positioned correctly. The cover has a 10 cm extended edge at the bottom for better ground anchoring.
6. **Secure the Cover:** Fasten the cover to the frame using any integrated ties or loops.
7. **Anchor the Greenhouse:** Position the greenhouse in its desired location. Bury the 10 cm extended edges of the cover into the soil or weigh them down with heavy objects. Attach the tie-down cords to the frame and secure them to the ground using the provided ground anchors. This step is crucial for stability.

## CONCEPTION PRATIQUE



Image 4.1: Illustration of the greenhouse's practical design, highlighting the roll-up zippered door and the flower shelves.

## 5. USAGE INSTRUCTIONS (OPERATING)

- **Plant Placement:** Utilize the four shelves to organize your plants, seedlings, or herbs. Ensure adequate spacing for air circulation and light exposure.
- **Environmental Protection:** The greenhouse provides a protective barrier against cold temperatures, frost, heavy rain, and strong winds (within specified limits). It also helps deter common garden pests.
- **Temperature and Humidity Control:** Use the roll-up zippered door to regulate the internal temperature and humidity. Open the door during warm periods to allow for ventilation and prevent overheating. Close it during colder periods or at night to retain heat. The door can be secured in the open position using the attached loops.
- **Watering:** Water plants as needed. The transparent cover allows sunlight to penetrate, but regular monitoring of soil moisture is essential.



Fruits

## Savourez le plaisir de planter et de récolter



Légumes



Fleurs

Image 5.1: Examples of plants and gardening activities that can be enjoyed with the greenhouse, including fruits, vegetables, and flowers.

## 6. MAINTENANCE

- **Cleaning the Cover:** Periodically clean the PVC cover with a soft cloth and mild soapy water to remove dirt and maintain light transmission. Avoid abrasive cleaners or brushes that could damage the material.

- **Frame Inspection:** Regularly check the steel frame for any signs of rust, damage, or loose connections. Tighten any loose parts as necessary.
- **Anchoring Check:** Inspect the ground anchors and tie-down cords regularly, especially after strong winds, to ensure the greenhouse remains securely fastened.
- **Winter Storage:** For prolonged periods of harsh winter weather or if not in use, consider disassembling and storing the greenhouse indoors to extend its lifespan. Clean and dry all components thoroughly before storage.



Image 6.1: Features of the high-quality PVC cover, including high light transmission, heat preservation, and protection against birds.

## 7. TROUBLESHOOTING

- **Greenhouse Instability:** If the greenhouse feels unstable, re-check all frame connections and ensure the ground anchors are deeply and securely placed. Burying the extended cover edges can also significantly improve stability.
- **Poor Plant Growth:** Ensure plants are receiving adequate light and ventilation. Adjust the roll-up door as needed. Check soil moisture and nutrient levels.
- **Cover Damage:** Small tears in the PVC cover can often be repaired with specialized greenhouse repair

tape. For significant damage, a replacement cover may be necessary.

- **Condensation Inside:** Condensation is normal due to temperature differences. Increase ventilation by partially opening the roll-up door to reduce excessive moisture.

## 8. SPECIFICATIONS

Feature	Specification
Overall Dimensions (L x W x H)	143 x 73 x 195 cm
Shelf Dimensions (L x W)	58 x 28 cm
Shelf Height	36 cm
Frame Material	Thermo-lacquered Steel / Alloy Steel
Cover Material	Transparent PVC (140g/m <sup>2</sup> )
Cover Thickness	0.1 mm
Tube Diameter	Ø 16 mm
Item Weight	6.3 kg
Max Load per Shelf	15 kg
Wind Resistance Level	Level 4 (wind speed below 28 km/h)
Model Number	01-0482
Number of Doors	1 (Roll-up zippered)

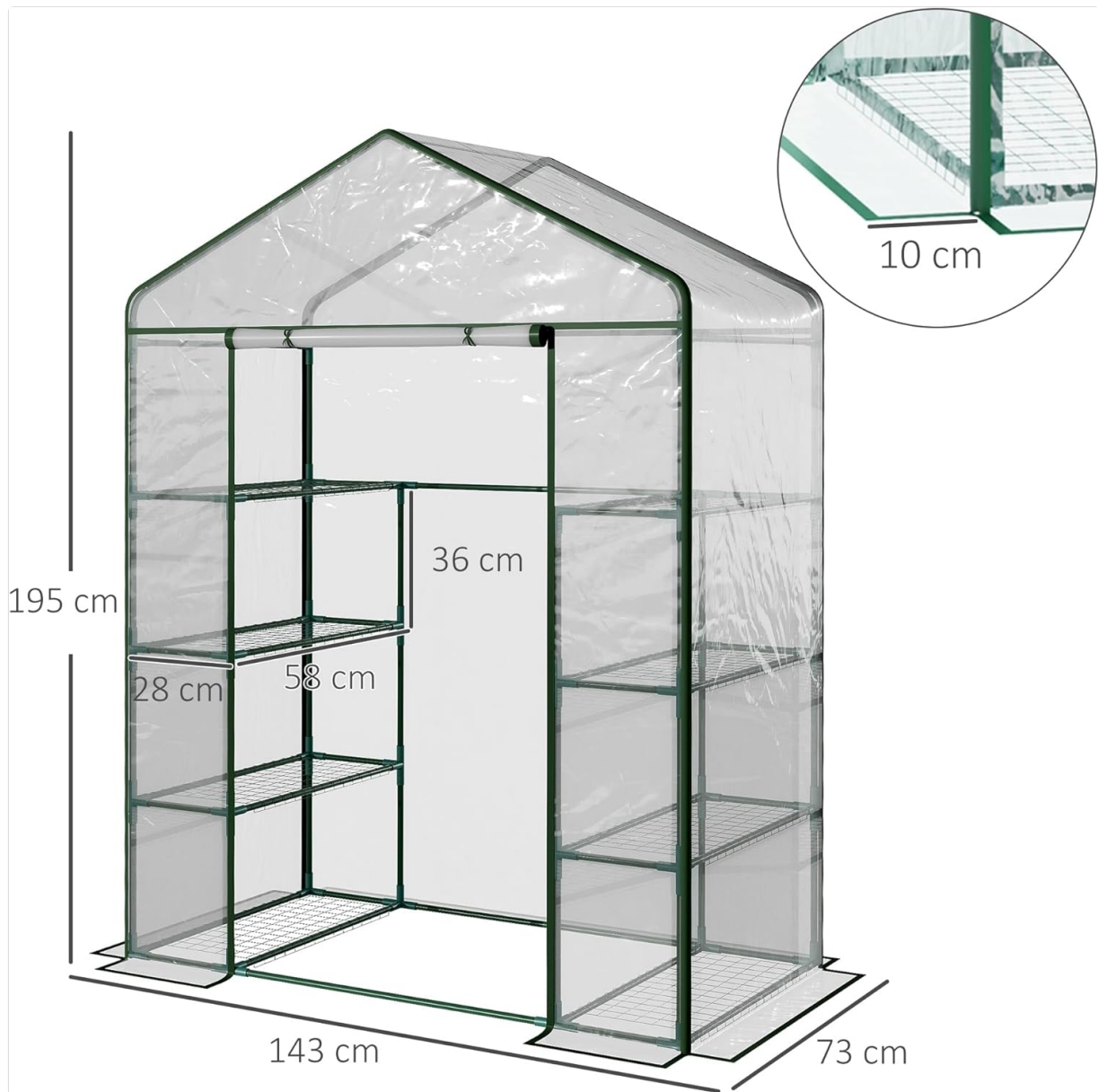


Image 8.1: Dimensional drawing of the greenhouse, indicating overall height, width, depth, and shelf measurements.

## 9. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please refer to your purchase documentation or contact Outsunny customer service directly. Contact details can typically be found on the Outsunny official website or through your retailer.