

## EAGLE PEAK WGH

# EAGLE PEAK 6.7x6x7.7 ft Wood and Polycarbonate Walk-in Greenhouse Instruction Manual

Brand: EAGLE PEAK | Model: WGH

### 1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the assembly, operation, and maintenance of your EAGLE PEAK 6.7x6x7.7 ft Wood and Polycarbonate Walk-in Greenhouse. Designed with a durable cedar frame and transparent polycarbonate panels, this greenhouse offers an optimal environment for plant growth. Please read these instructions thoroughly before beginning assembly or operation to ensure safe and efficient use.



Figure 1: Exterior view of the EAGLE PEAK Wood and Polycarbonate Walk-in Greenhouse.

## 2. SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions:

- **Sharp Edges:** Exercise caution during assembly as some components may have sharp edges. Wear appropriate protective gloves.
- **Heavy Components:** The greenhouse includes heavy components. Two or more people are recommended for assembly to prevent injury.
- **Proper Anchoring:** Ensure the greenhouse is properly anchored to the ground to prevent wind damage or collapse. Refer to the assembly instructions for anchoring details.
- **UV Exposure:** While polycarbonate panels block damaging UV rays for plants, prolonged exposure to direct sunlight inside the greenhouse can still be harmful to humans.
- **Chemical Treatments:** Be aware of any chemical treatments applied to the wood frame. Follow manufacturer guidelines for handling and ventilation.
- **Ventilation:** Ensure adequate ventilation, especially on warmer days, to prevent excessive heat buildup inside the greenhouse.

### 3. PACKAGE CONTENTS

Before beginning assembly, verify that all parts are present and undamaged. Refer to the packing list provided with your greenhouse for a complete inventory. Key components include:

- Pre-cut and pre-drilled natural cedar frame components
- 6mm (1/4in) transparent double-wall polycarbonate panels
- Mesh cover for UV protection
- Foldable shelves (16" deep lower, 7.5" deep upper)
- Hardware kit (screws, bolts, connectors)
- Dutch door style swing-out window and side window components

### 4. SETUP AND ASSEMBLY

Assembly requires careful attention to detail. It is highly recommended to have at least two people for this process.

1. **Prepare the Site:** Choose a level, stable location for your greenhouse. Clear any debris and ensure proper drainage.
2. **Assemble the Base Frame:** Follow the step-by-step instructions in the provided manual to construct the cedar base frame. Ensure all connections are secure.
3. **Install Wall Panels:** Carefully slide the polycarbonate panels into the designated channels of the cedar frame. Ensure the UV-protected side faces outwards.
4. **Construct Roof Structure:** Assemble the roof frame and install the polycarbonate roof panels.
5. **Attach Doors and Windows:** Install the Dutch door style swing-out window and the side window, ensuring they operate smoothly.
6. **Install Shelves:** Position the foldable shelves as desired. They can be locked up for seedlings or folded down for maximum floor space.
7. **Secure Anchoring:** Anchor the greenhouse firmly to the ground using appropriate methods for your chosen site.

For a visual guide to the assembly process, please refer to the video below:

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Video 1: Overview of the EAGLE PEAK Wood and Polycarbonate Walk-in Greenhouse, including assembly highlights.





Figure 2: The greenhouse structure with doors open, showcasing the spacious interior.

## 5. OPERATING INSTRUCTIONS

To optimize the growing environment within your greenhouse:

- **Ventilation:** Utilize the Dutch door style swing-out window on the upper door and the side window to regulate airflow and temperature. Open them on warmer days to prevent overheating and improve air circulation.
- **Adjustable Shelves:** The unique foldable shelves offer versatility. Lock them in the upright position for smaller plants, seedlings, or pots. Fold them down to create maximum floor space for larger plants or gardening tasks.
- **Mesh Cover:** The included mesh cover can be used to block approximately 50% of UV rays, providing additional protection for sensitive plants during intense sunlight.

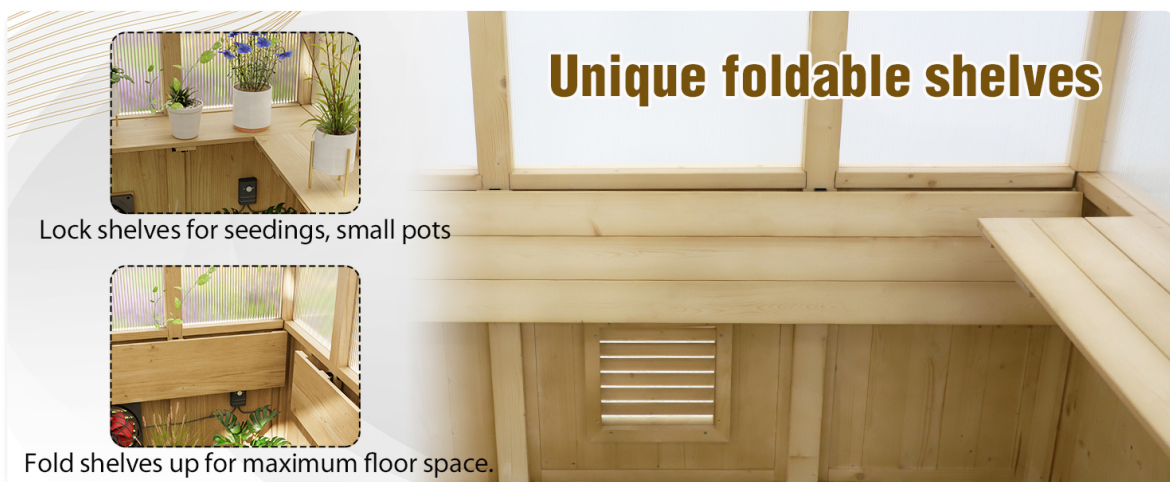


Figure 3: Detailed view of the greenhouse's ventilation features, including the automatic roof vent and side window.



Figure 4: The unique foldable shelves provide flexible space for various plant sizes and gardening needs.

## 6. MAINTENANCE

Regular maintenance will extend the life and efficiency of your greenhouse:

- **Cleaning:** Periodically clean the polycarbonate panels with mild soap and water to ensure maximum light transmission. Avoid abrasive cleaners.
- **Frame Inspection:** Regularly check the cedar frame for any signs of wear, damage, or loose connections. Tighten any loose hardware.
- **Wood Treatment:** Consider applying a wood sealant or paint to the cedar frame to enhance its durability and protect it from weathering.
- **Anchoring Check:** Verify that the greenhouse remains securely anchored, especially after strong winds or heavy precipitation.
- **Snow Load:** While the roof is designed for a significant snow load (1200 pounds), it is advisable to clear excessive snow accumulation to prevent potential damage.



Figure 5: The greenhouse is designed to withstand snow, but regular maintenance is recommended.

## 7. TROUBLESHOOTING



Encountering issues? Here are some common problems and potential solutions:

- **Difficulty in Assembly:** If parts do not fit as expected or instructions are unclear, double-check part numbers against the manual. Ensure components are oriented correctly. Sometimes, minor adjustments or a second person can resolve fitting issues.
- **Door/Window Not Closing Properly:** This can be due to slight warping of wood or improper alignment during assembly. Check hinges and latches for obstructions or misalignment. Applying a wood sealant can help prevent warping.
- **Gaps in Structure:** Small gaps may occur. These can often be sealed with appropriate weather-resistant caulking to maintain internal climate control.
- **Excessive Heat Buildup:** Ensure all ventilation options (doors, windows, roof vent) are open during hot periods. Consider using the mesh cover to reduce direct sunlight.

## 8. SPECIFICATIONS

Feature	Specification
Brand	EAGLE PEAK
Model Number	WGH
Style	6.7x6x7.7 ft
Product Dimensions	72 x 80.4 x 92.4 inches
Item Weight	359 pounds
Material	Cedar (Frame), Polycarbonate (Panels)
Color	Natural
Panel Thickness	6mm (1/4in) Double Wall Polycarbonate
Roof Snow Load	1200 pounds
Door Style	Dutch Doors
Assembly Required	Yes

## 9. WARRANTY AND SUPPORT

EAGLE PEAK offers a 1-year limited after-sale protection from the original date of purchase. For any questions, concerns, or assistance, please contact our professional service team. We are committed to providing reliable support for your product.

- **Returns:** Enjoy 30-day easy returns.
- **Customer Support:** Our team is available to assist with any product-related inquiries.

