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› [Palram](#) /

› Canopia Mythos Greenhouse Kit User Manual

Palram HG5005

Canopia Mythos Greenhouse Kit User Manual

Model: HG5005

1. PRODUCT OVERVIEW

The Palram - Canopia Mythos Greenhouse Kit is designed to provide an optimal growing environment for plants. This 6'1" x 4'2" x 6'10" greenhouse features twin-wall UV polycarbonate panels, a heavy-duty aluminum frame, and a galvanized steel base, ensuring durability and efficient plant growth.

Key features include a lockable door, an adjustable roof vent for climate control, and integrated rain gutters for water collection. The unique sliding panel structure enhances insulation and wind resistance, making assembly more straightforward.



Image 1.1: Front view of the Canopia Mythos Greenhouse Kit.

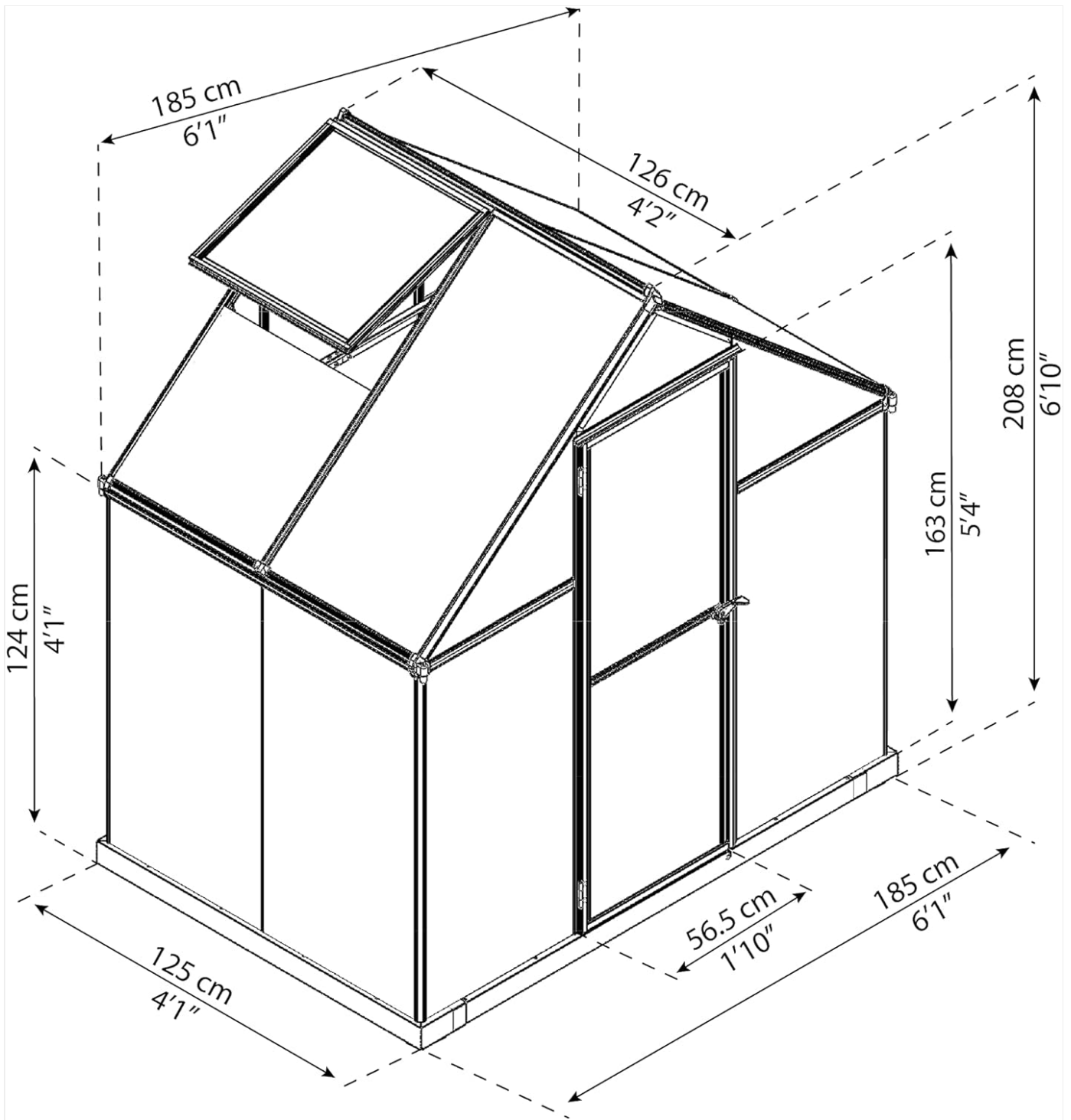


Image 1.2: Greenhouse installed in a garden, showcasing its use.

MYTHOS™

5

Year _____
WARRANTY

Tested to:

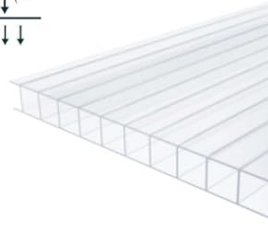


Wind Resistance
90 km/hr | 56 mph

Tested to:



Snowload
75 kg/m² | 15.4 lb/ft²



Twin Wall Glazing
Light Transmission **82%**

Image 1.3: Greenhouse situated on a wooden deck, demonstrating versatility.

2. SAFETY INFORMATION

Caution: This product contains sharp edges, heavy components, and UV-exposed materials. Assemble with care. Properly anchor the greenhouse during installation to prevent damage or injury.

- Always wear appropriate personal protective equipment (PPE) during assembly, including gloves and eye protection.
- Ensure the assembly area is clear of obstructions and hazards.
- Do not attempt to assemble the greenhouse alone. Two people are recommended for safe and efficient assembly.
- Securely anchor the greenhouse to the ground or a prepared foundation to withstand wind and snow loads.
- Keep children and pets away from the assembly area.

3. SETUP AND ASSEMBLY

Assembly of the Canopia Mythos Greenhouse requires careful attention to detail and adherence to the provided instructions. It is highly recommended to have at least two people for the assembly process.

3.1 Before You Begin

- **Review Instructions:** Thoroughly read the entire installation manual before starting. A detailed PDF manual is available for download: [Installation Manual \(PDF\)](#).
- **Inventory Parts:** Unpack all components and verify against the parts list in the manual. Organize parts into groups for easier access. Small components like screws and nuts can be placed in separate containers.
- **Prepare Foundation:** Ensure the chosen site for the greenhouse is level and stable. A level foundation is crucial for proper alignment of parts and overall structural integrity. Consider using pressure-treated lumber or a concrete slab as a base.
- **Tools Required:** Gather all necessary tools, including a ratchet for tightening nuts and bolts, a level, and a square.

3.2 Assembly Steps Overview

1. **Base Assembly:** Construct the galvanized steel base. This forms the foundation of the greenhouse.
2. **Frame Construction:** Assemble the aluminum frame sections. Partially tighten fasteners initially to allow for adjustments.
3. **Panel Installation:** Carefully slide the twin-wall polycarbonate panels into the designated channels within the frame. The sliding panel structure is designed for better insulation and wind resistance.



Image 3.1: Polycarbonate panel being inserted into the aluminum frame channel.

4. **Door Assembly and Installation:** Assemble the hinged door. This step may require patience and careful alignment. Ensure the lockable handle and magnetic catch function correctly.



Image 3.2: Detail of the door latch mechanism.

5. **Roof Vent Installation:** Install the adjustable roof vent. This allows for air circulation and temperature control.



Image 3.3: Adjustable roof vent for ventilation.

6. **Rain Gutter Attachment:** Attach the integrated rain gutters. These are designed to disperse rainwater.

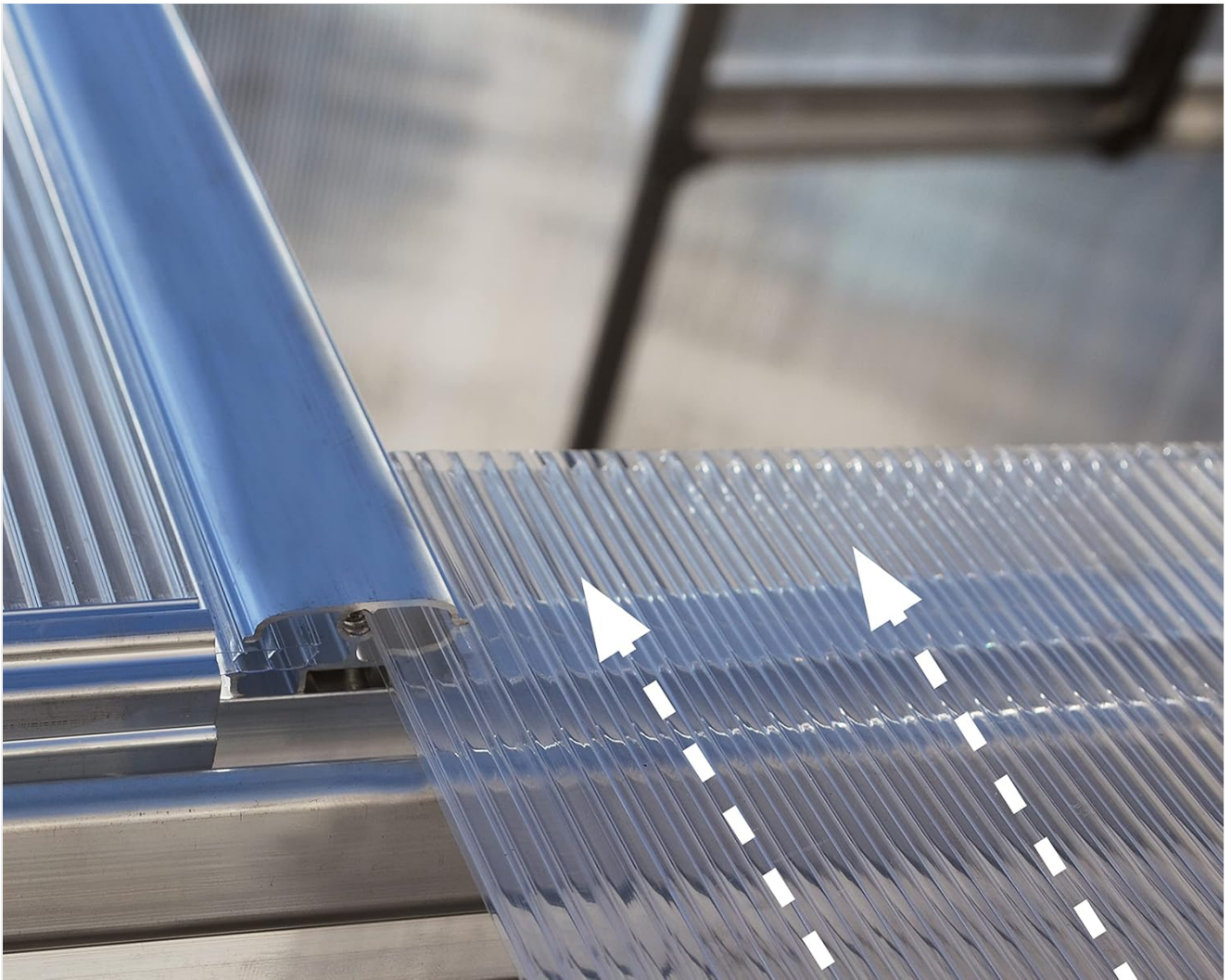


Image 3.4: Integrated rain gutter system.

- 7. Final Tightening and Anchoring:** Once all sections are aligned, fully tighten all nuts and bolts. Securely anchor the greenhouse to your prepared foundation using appropriate anchoring methods to ensure stability against wind and other environmental factors.



Image 3.5: Detail of the greenhouse base and anchoring point.

3.3 Dimensions



Image 3.6: Overall dimensions of the Canopia Mythos Greenhouse (6'1" L x 4'2" W x 6'10" H).

4. OPERATING INSTRUCTIONS

The Canopia Mythos Greenhouse is designed for ease of use and optimal plant growth.

- **Ventilation:** Utilize the adjustable roof vent to control internal temperature and humidity. Open the vent during warmer periods to allow hot air to escape and improve air circulation. Close it during cooler periods or at night to retain heat.
- **Door Operation:** The hinged door provides easy access. Ensure it is securely closed using the lockable handle and magnetic catch to maintain internal climate and prevent unauthorized entry.
- **Light Management:** The twin-wall polycarbonate panels diffuse intense sunlight, preventing plant burn while providing over 70% light transmission. They also offer 100% protection from harmful UV rays.
- **Water Collection:** The integrated rain gutters can be used to collect rainwater, providing a sustainable water source for your plants.

5. MAINTENANCE

Regular maintenance will prolong the life and efficiency of your greenhouse.

- **Cleaning:** Clean the polycarbonate panels periodically with mild soap and water using a soft cloth or sponge. Avoid abrasive cleaners or tools that could scratch the panels. Rinse thoroughly with clean water.
- **Frame Inspection:** Regularly inspect the aluminum frame for any signs of corrosion or damage. Tighten any loose bolts or screws.
- **Panel Integrity:** Check panels for cracks or dislodgement, especially after strong winds. Ensure they remain securely in their channels.
- **Gutter Cleaning:** Keep the rain gutters clear of debris (leaves, dirt) to ensure proper water flow.
- **Winter Preparation:** The greenhouse supports snow loads of 15.4 lbs. per sq. ft. In areas with heavy snowfall, it is advisable to gently remove excessive snow accumulation from the roof to prevent structural stress.

6. TROUBLESHOOTING

This section addresses common issues that may arise during or after assembly.

Problem	Possible Cause	Solution
Difficulty assembling door or door sags.	Misalignment during assembly; holes not fully open.	Ensure all parts are perfectly aligned before tightening. If holes are tight, gently ream them out. A second person can help stabilize the door during assembly. Consider adding a cross brace if sagging persists.
Panels rattle or seem loose in windy conditions.	Panels not fully seated; insufficient sealing; inadequate anchoring.	Ensure panels are fully inserted into channels. Apply clear silicone caulk around panel seams and edges for better sealing and stability. Verify the greenhouse is securely anchored to the ground or foundation.
Missing or damaged parts upon delivery.	Shipping damage or packaging error.	Perform a complete inventory check immediately upon receipt. Contact Palram customer support with details of missing/damaged parts for replacement.
Roof vent mechanism not operating smoothly.	Misalignment or obstruction.	Check for any obstructions in the vent's path. Ensure all connecting parts are correctly aligned and tightened. Lubricate moving parts if necessary.

7. SPECIFICATIONS

Feature	Detail
Model Number	HG5005
Product Dimensions (L x W x H)	84" x 50" x 96" (6'1" x 4'2" x 6'10")
Item Weight	60 pounds
Frame Material	Aluminum
Cover Material	Polycarbonate (PC)
Nominal Wall Thickness	4 millimeters
Number of Doors	1

Feature	Detail
Number of Vents	1
Indoor/Outdoor Usage	Outdoor
Special Feature	Sliding panel structure
Wind Resistance	Up to 56 mph (90 km/hr)
Snowload Capacity	15.4 lbs/ft ² (75 kg/m ²)
Light Transmission	82%



Image 7.1: Key performance specifications of the Mythos Greenhouse.

8. WARRANTY

The Canopia Mythos Greenhouse Kit comes with a **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific terms and conditions, please refer to the warranty documentation included with your product or contact customer support.

9. CUSTOMER SUPPORT

For any questions, assistance with assembly, troubleshooting, or warranty claims, please contact Palram customer support.

- **Phone:** 877-627-8476
- **User Manual (PDF):** [Download User Manual](#)
- **Installation Manual (PDF):** [Download Installation Manual](#)
- **Online Resources:** Visit the official Palram website for additional resources and FAQs.

