

Palram HG5006G-1B

Palram Canopia Mythos 6x6 Greenhouse Kit Instruction Manual

Model: HG5006G-1B

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your Palram Canopia Mythos 6x6 Greenhouse Kit. This greenhouse is designed to provide an optimal growing environment for plants, featuring durable twin-wall polycarbonate panels and a robust aluminum frame. Please read these instructions thoroughly before beginning assembly or use.



2. SAFETY INFORMATION

Important Safety Precautions:

- Always anchor the greenhouse securely to the ground using appropriate hardware for stability. Failure to do so may result in damage or injury during high winds.
- Exercise caution when handling polycarbonate panels and aluminum frame components, as some edges may be sharp. Wear protective gloves during assembly.
- Ensure proper ventilation to prevent excessive heat buildup inside the greenhouse, which can harm plants and create uncomfortable conditions.
- Protect plants and users from direct, intense sunlight and UV exposure, especially during peak hours. While panels offer UV protection, prolonged exposure should be managed.
- Keep children and pets away from the assembly area to prevent accidents.
- Do not climb on the greenhouse structure.

3. PACKAGE CONTENTS

Before beginning assembly, verify that all components are present and undamaged. Refer to the detailed packing list included with your product for specific part identification. Typical components include:

- Aluminum frame profiles
- Twin-wall polycarbonate panels
- Galvanized steel base
- Hinged door assembly
- Adjustable roof vent
- Rain gutter system components
- Fasteners and hardware (screws, nuts, bolts, clips)
- Rubber seals and gaskets

If any parts are missing or damaged, contact Palram customer support before proceeding with assembly.

4. SETUP AND ASSEMBLY INSTRUCTIONS

Assembly of the Palram Canopia Mythos Greenhouse requires two people and approximately 8-10 hours. A level foundation is crucial for proper alignment and structural integrity.

4.1 Site Preparation

- Choose a level, well-drained site that receives adequate sunlight.
- Clear the area of any debris, rocks, or vegetation.
- Ensure the ground is firm and level to support the galvanized steel base.

4.2 Assembly Steps

Follow the detailed, step-by-step graphical instructions provided in the separate assembly manual included with your kit. Key aspects of the assembly process include:

- **Base Assembly:** Construct the galvanized steel base first. This provides the foundation for the entire structure.
- **Frame Construction:** Assemble the aluminum frame profiles according to the diagrams. Many connections are

partially tightened initially to allow for adjustments.

- **Panel Installation:** The greenhouse utilizes a sliding panel assembly system. Carefully slide the twin-wall polycarbonate panels into the designated channels in the aluminum frame. This system enhances insulation and wind resistance.



Image 4.1: Dimensional diagram of the greenhouse, illustrating its structure and size.



Image 4.2: Detail of a polycarbonate panel being inserted into an aluminum frame channel, demonstrating the sliding panel assembly system.

4.3 Anchoring

Once assembled, it is critical to anchor the greenhouse to the ground. The galvanized steel base includes designated holes for anchoring. Use appropriate anchors (not included) suitable for your ground type to ensure stability against wind.



Image 4.3: The galvanized steel base of the greenhouse, showing how it sits on the ground and provides points for anchoring.

5. OPERATING INSTRUCTIONS

Proper operation ensures optimal plant growth and extends the life of your greenhouse.

5.1 Ventilation

The adjustable roof vent allows for temperature and humidity control. Open the vent during warm periods to release excess heat and reduce humidity. Close it during cooler periods or when rain is expected.



Image 5.1: The adjustable roof vent, which can be opened to regulate internal temperature and airflow.

5.2 Door Operation

The single hinged door can be assembled to open from either the right or left. It includes a magnetic catch to keep it securely closed or open as needed.



Image 5.2: The door latch mechanism, designed for secure closure and easy access.

5.3 Rainwater Collection

The integrated rain gutter system is designed to disperse rainwater. Consider adding a rain barrel to collect water for irrigation, promoting sustainable gardening practices.

6. MAINTENANCE

Regular maintenance will ensure the longevity and performance of your greenhouse.

- **Cleaning Panels:** Clean polycarbonate panels periodically with mild soap and water using a soft cloth or sponge. Avoid abrasive cleaners or brushes, which can scratch the surface.
- **Frame Inspection:** Annually inspect the aluminum frame for any loose fasteners or signs of corrosion. Tighten as necessary.
- **Gutter Maintenance:** Keep rain gutters clear of leaves and debris to ensure proper water flow.
- **Winter Preparation:** While the greenhouse is designed for snow load, heavy snowfall should be cleared from the roof to prevent excessive stress on the structure. Ensure the greenhouse remains securely anchored during winter months.
- **UV Protection:** The polycarbonate panels are 100% UV protected and designed not to discolor, fracture, or shatter over time.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Panels Rattle in Wind:** Ensure all panels are fully seated in their channels and all fasteners are tightened. For persistent rattling, consider applying a clear silicone sealant along the panel edges where they meet the frame.
- **Greenhouse Moves in Wind:** This indicates insufficient anchoring. Re-evaluate your anchoring method and ensure the greenhouse is firmly secured to the ground using appropriate hardware for your soil type.
- **Water Leaks:** Check all panel seals and ensure they are properly installed. Verify that the frame connections are tight.
- **Difficulty Assembling:** Review the assembly manual carefully. Ensure all parts are correctly oriented and that you have the necessary tools. Assembly often requires two people.

For issues not covered here, please contact Palram customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	HG5006G-1B
Dimensions (L x W x H)	72" x 72" x 84" (6 Ft. x 6 Ft. x 7 Ft.)
Item Weight	72 pounds
Frame Material	Aluminum
Cover Material	Twin-wall Polycarbonate (PC)
Nominal Wall Thickness	0.236 inches (4mm)
Number of Doors	1 (Hinged, Lockable)
Number of Vents	1 (Adjustable Roof Vent)
Base	Galvanized Steel
Wind Resistance	Up to 90 km/hr (56 mph)
Snow Load	Up to 75 kg/m ² (15.4 lb/ft ²)
Light Transmission	Over 70% (82% for twin-wall glazing)
UV Protection	100%

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 8.1: Key performance specifications for the Mythos greenhouse, including wind resistance and snow load ratings.

	Basic Polycarbonate Greenhouses	Standard Glass Greenhouses	Palram - Canopia Polycarbonate Greenhouses
Glazing Holding System	Iron Clips	Iron Clips	Sliding into aluminium profiles
Resistance to Wind	Very low	High	High
Impact Resistance	Panels tend to fly off	Low	High
Includes Base	No	No	Yes
See-through Transparency	No	Yes	Yes
Swing Door	No	No	Yes
Gutter Pipe Connector	Usually no	Yes	Yes

Verified by the manufacturer - 2020

Image 8.2: A comparison of greenhouse features across different types, highlighting the advantages of Palram-Canopia polycarbonate greenhouses.



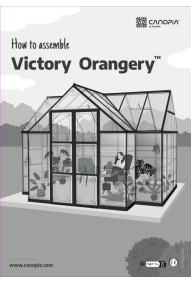



9. WARRANTY AND SUPPORT

Your Palram 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 warranty claims, replacement parts, or technical assistance, please contact Palram customer support. Keep your proof of purchase and model number (HG5006G-1B) readily available when contacting support.

You can find more information and contact details by visiting the official Palram website or the [Palram Store on Amazon](#).

Related Documents - HG5006G-1B

	<p>Canopia Harmony, Hybrid, Mythos Greenhouse Assembly Instructions</p> <p>Detailed assembly instructions for Canopia Harmony, Hybrid, and Mythos greenhouse models (6x10 / 2x3). Includes safety advice, care, and maintenance tips.</p>
	<p>Canopia Greenhouse Assembly Instructions: Harmony, Hybrid, Mythos</p> <p>Detailed assembly guide for Canopia Harmony, Hybrid, and Mythos greenhouses (6x6 / 2x2 models). Includes site preparation, foundation choices, anchoring, safety advice, and maintenance tips.</p>
	<p>How to Assemble the Victory Orangery by Canopia</p> <p>A comprehensive guide on assembling the Canopia Victory Orangery, including safety precautions, tools required, and step-by-step instructions for a successful build.</p>
	<p>How to Assemble Mythos 6x8 / 2x2.5 Greenhouse</p> <p>Assembly instructions for the Canopia by Palram Mythos 6x8 / 2x2.5 greenhouse, including safety advice, site preparation, foundation choices, and anchoring instructions.</p>
	<p>How to Assemble Mythos 6x4 / 2x1.3 Greenhouse</p> <p>Comprehensive assembly instructions for the Canopia Mythos 6x4 / 2x1.3 greenhouse, including safety advice, site preparation, foundation options, and anchoring guidelines.</p>
	<p>Canopia Harmony, Hybrid, Mythos Greenhouse Assembly Instructions</p> <p>Detailed assembly instructions for Canopia Harmony, Hybrid, and Mythos greenhouses (6x14 / 2x4.3 models). Includes safety advice, site preparation, foundation choices, and anchoring guidelines.</p>