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› Palram - Canopia Arizona Wing Double Carport (Model HG9102) Instruction Manual

Palram HG9102

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Model: HG9102 | Brand: Palram - Canopia

1. INTRODUCTION

The Palram - Canopia Arizona Wing Double Carport is designed to provide robust protection for vehicles and can also serve as a versatile outdoor shelter. Its innovative design features a durable aluminum frame and virtually unbreakable polycarbonate panels, engineered for year-round weather resistance.

Key features include:

- **Virtually Unbreakable Panels:** Solid solar gray polycarbonate panels allow 10% light transmission, are high-impact and shatter-resistant, and provide 100% UV protection. They are designed not to discolor or become brittle over time.
- **Premium Aluminum Frame:** Rust-resistant, powder-coated aluminum frame with laser-cut galvanized steel connectors protects against various weather elements.
- **Easy Access Design:** The sleek wing-shaped structure offers wide access, suitable for dual carports or multi-purpose coverage.
- **Maintenance-Free:** Designed for minimal upkeep, resisting rust and featuring a built-in gutter system for effective rainwater drainage.



2. SAFETY INFORMATION

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

- This product is designed to withstand winds up to 75 MPH and snow loads up to 15.4 lbs/sq. ft.
- Proper anchoring is necessary for safety. Concrete footings are required for installation.
- The product provides UV Protection, but prolonged exposure to sunlight may cause heat buildup.
- Do not use the product for purposes other than its intended use.
- Ensure proper ventilation in hot weather conditions.
- Always check local building and zoning codes and guidelines, and ensure that any appropriate permits have been obtained before installation.

3. PACKAGE CONTENTS

Verify all components are present and undamaged before beginning assembly. Refer to the detailed parts list provided in your product packaging for exact quantities and identification.

- Aluminum Frame Components (posts, beams, roof supports)
- Polycarbonate Roof Panels
- Galvanized Steel Connectors
- Fasteners (screws, bolts, nuts)
- Built-in Gutter System Components
- Anchoring Hardware

4. TOOLS AND EQUIPMENT REQUIRED

The following tools and equipment are recommended for safe and efficient assembly:

- **Protective Equipment:** Helmet, Gloves, Long Sleeve Cotton Overalls, Emergency Medicine Cabinet, Eye Shield.
- **Measuring Tools:** Tape Measure (5m), Angle Square, Level Meter.
- **Installation Tools:** Triangle Stairs (approx. 1.5m height), Spanner 10mm (Ratchet Wrench suggested), Spanner 14mm (for expansion screws), Hexagon Wrench 5mm, Electric Screwdriver + 5mm Hexagon Wrench (suggested), Wooden Mallet, Marking Pen, Silicon (sealant), Percussion Bit (8mm and 10mm), Knife, Phillips Screwdriver.

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Video 1: Tools and Equipment for Carport Assembly (from Arizona Carport Series Assembly Instructions)

5. SETUP AND ASSEMBLY

Assembly requires careful attention to detail and adherence to the provided instructions. It is recommended to have at least two people for assembly. Concrete footings are essential for proper installation and stability.

5.1 Site Preparation

- Choose a level site for installation.
- Mark the locations for the carport posts according to the dimensions provided in the manual.
- Excavate holes for concrete footings as specified in your detailed manual.

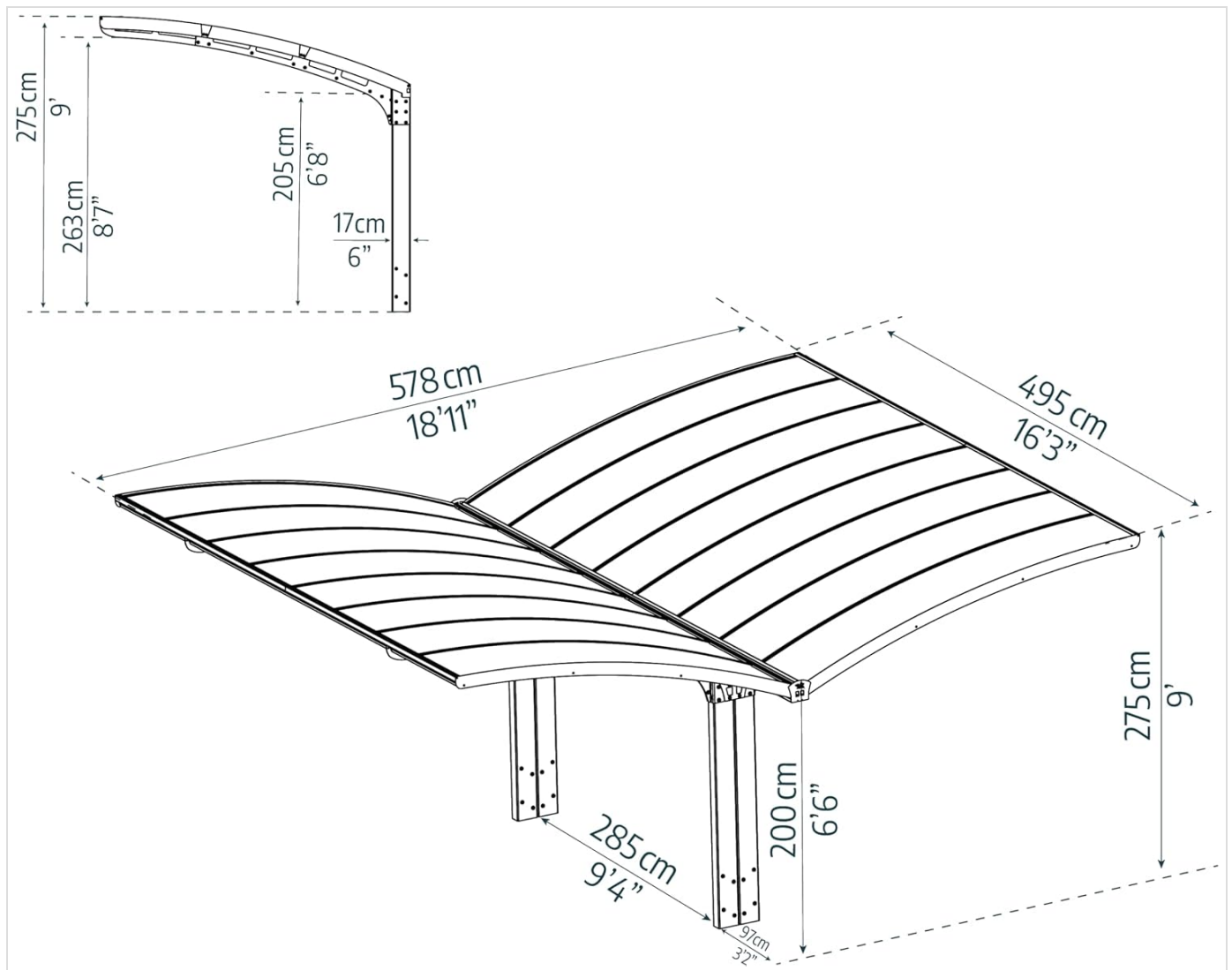


Figure 2: Carport Dimensions and Footing Placement

5.2 Frame Assembly

- Assemble the base frame components, ensuring all connections are secure.
- Attach the vertical posts to the base frame.
- Connect the roof support beams to the top of the posts.
- Ensure all frame connections are tightened according to the manual's specifications.

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Video 2: Detailed Assembly Instructions for Arizona Carport Series

5.3 Roof Panel Installation

- Carefully slide the polycarbonate roof panels into the designated channels on the frame.
- Ensure panels are correctly aligned and secured to prevent water ingress.
- Install the built-in gutter system components along the edges of the roof.



Figure 3: Close-up of the Built-in Gutter System

5.4 Anchoring

- Once the frame and roof are assembled, anchor the carport posts into the concrete footings.
- Ensure all anchors are securely fastened to provide maximum stability against wind and snow.

6. OPERATING INSTRUCTIONS

The Arizona Wing Double Carport is designed for straightforward use. Simply drive your vehicle into the covered area for protection from sun, rain, and snow. The wide entry and overhead clearance facilitate easy parking and maneuvering.



Figure 4: Carport providing shelter for vehicles

7. MAINTENANCE

The Palram - Canopia Arizona Wing Double Carport is designed to be low-maintenance. Regular inspection and cleaning will ensure its longevity and appearance.

- **Cleaning:** Clean the polycarbonate panels and aluminum frame periodically with mild soap and water. Avoid abrasive cleaners or tools that could scratch the surfaces.
- **Inspection:** Annually inspect all fasteners and connections for tightness. Re-tighten any loose bolts or screws. Check the roof panels for any signs of damage or displacement.
- **Gutter System:** Ensure the built-in gutter system is free of debris to allow for proper water drainage.
- **Snow Removal:** While designed for snow loads up to 15.4 lbs/sq. ft., it is advisable to remove excessive snow accumulation to prevent potential damage, especially during heavy snowfall events.



Figure 5: Carport demonstrating snow load resistance

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your carport.

- **Water Leakage:** Check for loose roof panels or improperly sealed connections. Ensure the gutter system is clear.
- **Frame Instability:** Verify that all anchoring points are secure and concrete footings are intact. Re-tighten any loose bolts.
- **Panel Discoloration/Brittleness:** The polycarbonate panels are UV-protected to prevent this. If observed, contact customer support.

9. SPECIFICATIONS

Attribute	Detail
Brand	Palram
Model Number	HG9102
Style	Wing
Product Dimensions (L x W x H)	228"L x 192"W x 108"H (19 Ft. x 16 Ft. x 9 Ft.)
Item Weight	1026 Pounds
Frame Material	Aluminum
Roof Panel Material	Polycarbonate
Water Resistance Level	Water Resistant

UV Protection	Yes
Wind Resistance	Up to 75 MPH
Snow Load Capacity	Up to 15.4 lbs/sq. ft.
Assembly Required	Yes
Color	Breeze Gray

10. WARRANTY AND SUPPORT

The Palram - Canopia Arizona Wing Double Carport comes with a **10-Year Warranty**, ensuring quality and durability. Palram has been manufacturing polycarbonate panels since 1986, known for their high impact resistance and lightweight, glass-like appearance without associated dangers.



CANOPIA products are manufactured under a quality system certified as complying with ISO 9001, 14001 & 45001.



For customer support, missing parts, or warranty claims, please contact the manufacturer:

- **Manufacturer:** Palram
- **Contact Information:** 877-627-8476

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Video 3: Arizona Breeze Carport Features Overview

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