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› Kozyard Apollo 12'x16' Hardtop Gazebo Instruction Manual

Kozyard KZPHG1216

Kozyard Apollo 12'x16' Hardtop Gazebo Instruction Manual

Model: KZPHG1216

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1. INTRODUCTION

This manual provides instructions for the assembly, operation, and maintenance of your Kozyard Apollo 12'x16' Hardtop Gazebo. This gazebo is designed to provide a durable and comfortable outdoor living space, featuring a wooden coated aluminum frame, a galvanized steel double roof, and integrated mosquito netting.

1.1 Safety Information

Important: Ensure the gazebo is securely anchored to a stable foundation. This structure is designed to withstand snow loads of up to 2500 lbs and wind speeds of up to 40 MPH when properly installed and anchored. Always follow the assembly instructions carefully to ensure proper installation and structural integrity. Do not hang heavy objects from the frame or roof that exceed the specified weight limits for hanging hooks.

1.2 Key Features

- **Strong Structure:** Features 4.7" x 4.7" triangular poles and 5" x 4" beams for stability.
- **Metal Canopy/Roof:** Galvanized steel roof with a 29-gauge thickness for durability and weather resistance.
- **Gutter Design:** Integrated water gutter system efficiently directs rainwater away from the frame and poles.
- **Mosquito Net:** Includes a mosquito net for protection against insects.
- **Wood-Looking Aluminum:** Aluminum frame with a wood-grain finish for aesthetic appeal.
- **Spacious Design:** 12ft x 16ft dimensions provide ample space for outdoor activities.

2. SETUP & ASSEMBLY

Assembly of the Kozyard Apollo Gazebo is required. It is recommended to have at least two people for assembly. Refer to the detailed instruction manual included in your package for step-by-step guidance. The following tips may assist during the assembly process:

- **Review Instructions:** Carefully read the provided manual and consider watching official assembly videos for visual guidance on part fitting.
- **Tools:** While basic tools may be included, using a ratchet set or an impact driver can significantly ease the process.
- **Initial Frame Assembly:** Having an additional person or an extra ladder can be very helpful when setting up the main frame (legs and cross pieces).
- **Roof Assembly:** For the roof, install all roof supports (M, N, N1, P, and Q) before attaching the top roof panels. Ensure correct orientation of N and N1 supports, as some have extra holes for later steps.
- **Z-Clips:** When installing roof panels, particularly for the upper roof, insert the T supports before sliding in the panels for easier placement. For the lower roof, begin panel installation from the middle of each side and work outwards.
- **Bolt Management:** If you encounter a situation where a specific bolt type seems to be missing, re-check previously installed sections as some bolts may need to be temporarily removed to slot in new pieces.



Figure 2.1: The Kozyard Apollo 12'x16' Hardtop Gazebo fully assembled.



Figure 2.2: Gazebo dimensions for planning placement.

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Video 2.1: Overview of the Kozyard Apollo Hardtop Gazebo features and design, including its wood-looking frame, water gutter system, and metal roof. This video provides a visual guide to the product's construction and benefits.

3. OPERATION

3.1 Mosquito Netting and Curtains

The gazebo includes an integrated mosquito net to protect against insects. The double track system allows for easy installation and movement of both the mosquito net and optional privacy curtains (sold separately). The curtains are made from flame-retardant materials.

DOUBLE ROOF

The classic double roof design helps to improve ventilation and its durability.



Upper mosquito net



Ceiling Hook

Equipped with three hooks on the roof, it can be used for installing fan and lighting.

Figure 3.1: Double roof design with upper mosquito net and ceiling hook.



 Double tracks
Install curtains

DOUBLE TRACKS

Support the installation of curtains and mosquito nets. The curtains are made of **FLAME-RETARDANT MATERIALS** and weigh up to 180 g. Competitors are usually not flame retardant materials, weighing around 140 g.

Figure 3.2: Double tracks for curtains and mosquito nets.

3.2 Ceiling Hooks

The gazebo roof is equipped with three hooks. These hooks can be used for hanging lightweight items such as decorative lights or a small fan. Ensure that any items hung do not exceed the weight capacity of the hooks to prevent damage or injury.

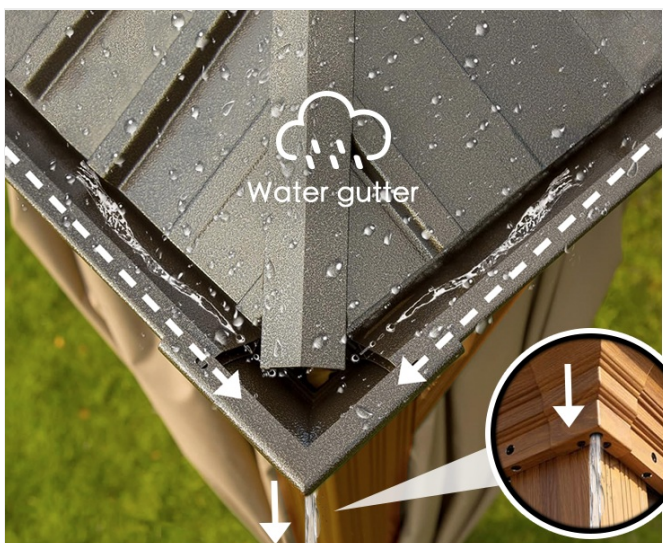
4. MAINTENANCE

Regular maintenance will extend the life and appearance of your gazebo.

- **Cleaning the Frame:** The aluminum frame with its wood-looking finish can be cleaned with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Roof Care:** The galvanized steel roof is designed for durability. Periodically inspect the roof for any debris accumulation and clear it to ensure proper water drainage.
- **Gutter System:** The integrated water gutter system should be kept clear of leaves and other debris to prevent blockages and ensure efficient water runoff.
- **Netting and Curtains:** The mosquito net and privacy curtains can be gently cleaned according to their fabric care instructions. Store them during extreme weather conditions or off-season to prolong their lifespan.
- **Hardware Inspection:** Periodically check all bolts and connections to ensure they remain tight and secure. Tighten any loose hardware as needed.



Figure 4.1: Water gutter system for efficient drainage.



DRAINAGE SYSTEM

Double roof slope drainage, quick drainage without blockage. The eaves have water gutter, drainage along columns.

Figure 4.2: Detailed view of the drainage system.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **Water Leaking:** If water leakage occurs, inspect the roof panels and connections for proper sealing. Ensure all screws are tightened and panels are correctly overlapped. Applying a silicone sealant to seams can help prevent leaks.
- **Mosquito Net Hooks Detaching:** If the hooks that hold the mosquito net to the corner posts come undone easily, consider using adhesive-backed Velcro strips to secure the netting more firmly to the posts.
- **Difficulty with Roof Panel Installation:** Ensure all roof supports are in place before attempting to install panels. For the upper roof, install T supports first. For the lower roof, start from the middle of each side and work towards the edges.
- **Unstable Structure:** Verify that the gazebo is securely anchored to the ground using appropriate anchors. Check all frame connections for tightness.

6. SPECIFICATIONS

Feature	Detail
Brand	Kozyard
Model Number	KZPHG1216
Product Dimensions (L x W x H)	192"L x 144"W x 120"H (12ft x 16ft x 10ft)
Floor Area	192 Square Feet
Item Weight	425 Pounds
Frame Material	Aluminum, Alloy Steel (Wooden Coated)
Roof Material	Galvanized Steel (29-gauge thickness)
Water Resistance Level	Waterproof
Ultraviolet Light Protection	50
Shape	Rectangular
Assembly Required	Yes
Snow Load Capacity	Up to 2500 lbs
Wind Speed Resistance	Up to 40 MPH (with closed sidewalls)
UPC	850015289484

7. WARRANTY & SUPPORT



7.1 Warranty Information

The Kozyard Apollo Hardtop Gazebo comes with a **1-Year After-sales Protection**. This warranty covers manufacturing defects and issues arising from normal use within the specified period. Please retain your proof of purchase for warranty claims.



1
Year
After-sales
Protection

U.S.-Based Service & Support

 Water-Resistant
 Load-Bearing
 Wet snow Δ 7 in
 Dry snow Δ 15 in
 Wind Resistance
 (anchored)
 Open sidewall
 Δ 60 mph winds
 Close sidewall
 Δ 40 mph winds

OUR ADVANTAGES



Thickening of Sheet Metal
Our = 0.4 mm
Other < 0.3 mm

Mosquito Net
Our: Metal
Other: Plastic

Anchored Base
Our: Bolts anchored
Other: No anchoring

Figure 7.1: Key advantages and warranty information.

7.2 Customer Support

For any questions, concerns, or assistance with your Kozyard Apollo Gazebo, please contact Kozyard LLC customer service. Refer to your purchase documentation or the Kozyard official website for contact details.