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AECOJOY 16456+16411BK

AECOJOY 16' x 10' Wall-Mounted Hardtop Gazebo User Manual

Model: 16456+16411BK

1. INTRODUCTION

Thank you for choosing the AECOJOY 16' x 10' Wall-Mounted Hardtop Gazebo. This outdoor pergola is designed to provide a comfortable and protected space for your patio, featuring durable construction, a hardtop roof, and integrated curtains and netting for enhanced usability. This manual provides essential information for the safe and proper assembly, operation, and maintenance of your gazebo.



Image: The AECOJOY 16' x 10' Wall-Mounted Hardtop Gazebo providing a shaded outdoor living area.

2. SAFETY INSTRUCTIONS

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.

- **Secure Installation:** Ensure the gazebo is securely fixed to a stable surface, such as a wall and the ground, as instructed. This product is designed to withstand winds of approximately 70 mph when properly anchored.
- **Snow Load:** The hardtop roof is designed to withstand up to 7 inches of heavy snow (equivalent to 6 lbs/sq.ft). In areas with heavy snowfall, regularly clear snow from the roof to prevent structural damage.
- **Weather Conditions:** While waterproof, avoid using the gazebo during extreme weather conditions such as severe storms, hurricanes, or tornadoes. Disassemble or secure loose components if high winds are expected.
- **Assembly Safety:** Always assemble with at least two people. Wear appropriate safety gear, such as gloves, during assembly. Keep children and pets away from the assembly area.
- **Structural Integrity:** Do not hang heavy objects from the frame or roof. Do not climb on the gazebo structure.

3. PACKAGE CONTENTS

Before beginning assembly, verify that all parts listed in the packing list (provided separately with your product) are present and undamaged. If any parts are missing or damaged, contact AECOJOY customer service immediately.

Typical components include:

- Metal frame components (posts, beams, connectors)
- Hardtop roof panels
- Curtains and mosquito netting
- All necessary hardware (bolts, screws, anchors, etc.)
- Assembly tools (basic wrenches may be included, but additional tools are recommended)

4. SETUP AND INSTALLATION

The AECOJOY gazebo is designed for straightforward assembly. Refer to the detailed manual and step-by-step video tutorials provided with your product for visual guidance.

4.1 Recommended Tools

- Phillips head screwdriver
- Battery-powered screwdriver or hammer drill
- Tape measure
- Magnetic level
- Rubber mallet (for roof panel insertion)

4.2 Assembly Steps Overview

1. **Preparation:** Clear the assembly area. Unpack all components and verify against the packing list.
2. **Frame Assembly:** Assemble the main metal frame according to the numbered steps in your specific manual. Ensure all connections are secure.
3. **Wall Attachment:** Position the gazebo against the desired wall. Secure the rear posts to the wall using the provided accessories and appropriate anchors for your wall type.
4. **Roof Panel Installation:** Carefully insert the hardtop roof panels into the designated slots. Ensure they are pushed all the way in for a complete seal and waterproof performance. A rubber mallet with a wooden block may assist in seating panels without damage.
5. **Ground Anchoring:** Securely fix the front posts to the ground. For concrete surfaces, heavy-duty concrete screws (not always included, may need to be purchased separately) are recommended. For decks, use 4-6 inch screws and consider bracing underneath with 2x4s for added stability, especially in areas prone to high winds.
6. **Curtains and Netting Installation:** Attach the curtains and mosquito netting to the frame. Ensure zippers operate smoothly for a complete enclosure.

DIMENSIONS

16 X 10 FT HARDTOP GAZEBO

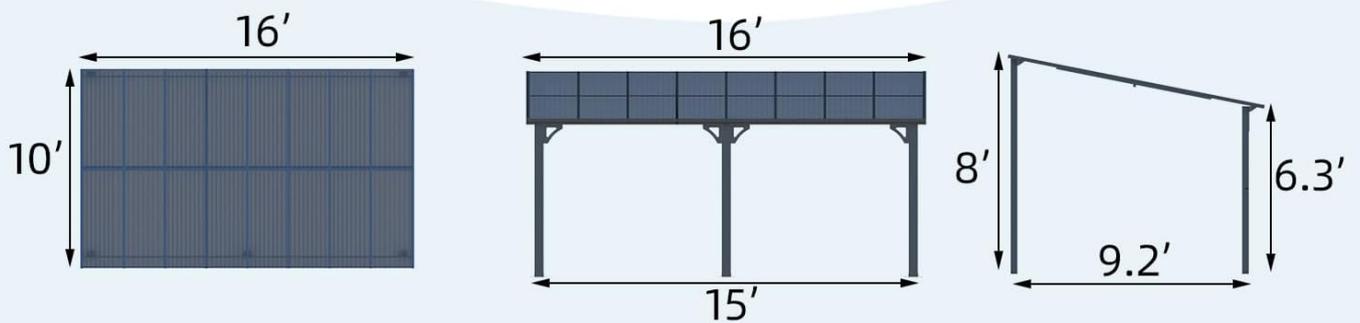
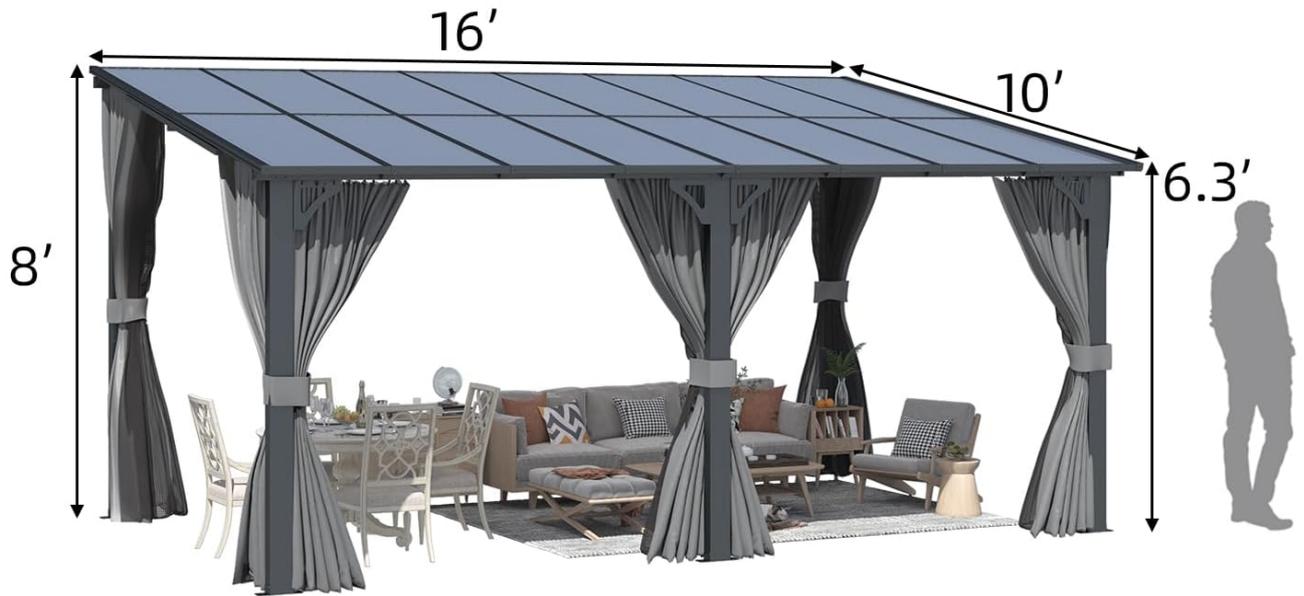


Image: Detailed dimensions of the 16' x 10' Hardtop Gazebo, showing height, length, and width.

5. OPERATING INSTRUCTIONS

Your AECOJOY gazebo is designed for versatile use, offering protection and comfort in various conditions.

- **Weather Protection:** The inclined hardtop roof provides complete water resistance, ensuring a dry space underneath. The roof also offers UPF 50++ protection against harmful UV rays.
- **Curtains and Netting:** Utilize the integrated curtains for privacy and additional shade. The mosquito netting can be zipped closed to create a bug-free enclosure, ideal for evening use. Both curtains and netting have smooth zippers for easy operation.
- **Seasonal Use:** The robust design allows for year-round use. In summer, the tinted roof blocks UV rays and keeps mosquitoes out. In winter, the high-quality roof can hold significant snow, providing shelter from wind and rain and retaining warmth.



Image: Visual representation of the gazebo's performance in summer (UV protection, mosquito repellent) and winter (snow capacity, wind/rain shelter).

3-SIDED CURTAINS AND MOSQUITO NETTING



Image: Illustration highlighting the 3-sided curtains and mosquito netting, emphasizing the smooth zippers for a complete seal.

6. MAINTENANCE

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

- **Cleaning:** Clean the metal frame and roof panels with a mild soap and water solution. Rinse thoroughly with clean water. Avoid abrasive cleaners or harsh chemicals.
- **Fabric Care:** The curtains and netting can be spot cleaned with mild soap and water. For deeper cleaning, follow care instructions on the fabric tags. Ensure fabrics are completely dry before storing or zipping up for extended periods to prevent mildew.
- **Inspection:** Periodically inspect all bolts, screws, and connections to ensure they remain tight. Re-tighten as necessary. Check roof panels for any signs of damage or misalignment.
- **Snow Removal:** During winter, regularly remove accumulated snow from the roof to prevent excessive load, especially after heavy snowfall.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Water Leaks from Roof:** Ensure all roof panels are fully inserted and seated correctly. If minor leaks persist, a silicone sealant can be applied to the seams where panels meet, if necessary.
- **Curtains/Netting Sticking:** Check the tracks for any obstructions. Ensure the fabric is not caught. Apply a silicone-based lubricant to the zippers if they are stiff.
- **Gazebo Instability:** Verify that all wall attachments and ground anchors are securely fastened. Ensure the ground surface is level. If installed on a deck, confirm adequate bracing underneath.
- **Difficulty Aligning Roof Panels:** Patience is key. Ensure the frame is square and level before attempting to install roof panels. A rubber mallet with a wooden block can help gently tap panels into place.

If you encounter issues not covered here, please contact AECOJOY customer support for assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	AECOJOY
Model Number	16456+16411BK
Product Dimensions (L x W x H)	192"L x 120"W x 96"H
Item Weight	176 Pounds
Frame Material	Metal & Aluminum
Roof Material	Sun Panels (Hardtop)
Water Resistance Level	Waterproof
UV Protection	UPF 50++
Snow Capacity	Up to 7" (6 lbs/sq.ft)
Wind Resistance	Approx. 70 mph (when properly anchored)
Assembly Required	Yes
Color	Dark

9. WARRANTY AND SUPPORT

AECOJOY stands behind the quality of its products. For specific warranty details, including coverage period and terms, please refer to the warranty information provided with your purchase or contact AECOJOY customer service directly. The manufacturer provides maintenance and replacements for the product itself.

For any questions regarding installation, usage, maintenance, or troubleshooting, a professional technical team is available 24/7 to provide remote assistance.

Contact Information: Please refer to the contact details provided on the product packaging or the official AECOJOY website for

the most current support information.

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