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› AECOJOY 10x14 Outdoor Wooden Pergola Gazebo Instruction Manual

AECOJOY 16543MS+16608CR

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Model: 16543MS+16608CR

1. INTRODUCTION

Thank you for choosing the AECOJOY 10x14 Outdoor Wooden Pergola Gazebo. This manual provides essential information for the safe assembly, proper operation, effective maintenance, and troubleshooting of your new outdoor structure. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

Safety Information

- Always follow all assembly instructions and safety warnings provided.
- Ensure all components are securely fastened before use.
- Do not use the pergola in extreme weather conditions beyond its specified limits (e.g., winds exceeding 70 mph, snow loads exceeding 20 inches without clearing).
- Keep children and pets away from the assembly area.
- Regularly inspect the structure for any signs of wear, damage, or loose connections.

2. COMPONENTS OVERVIEW

Before assembly, verify that all parts are present and undamaged. Refer to the detailed parts list included in your packaging. Key components typically include:

- Wooden Frame Beams and Posts
- Hardtop Roof Panels (Metal)
- Curtains and Mosquito Netting
- Hardware Kit (bolts, screws, washers, anchors)
- Connectors and Brackets

DIMENSIONS

WOODEN LEAN-TO GAZEBO

14X10

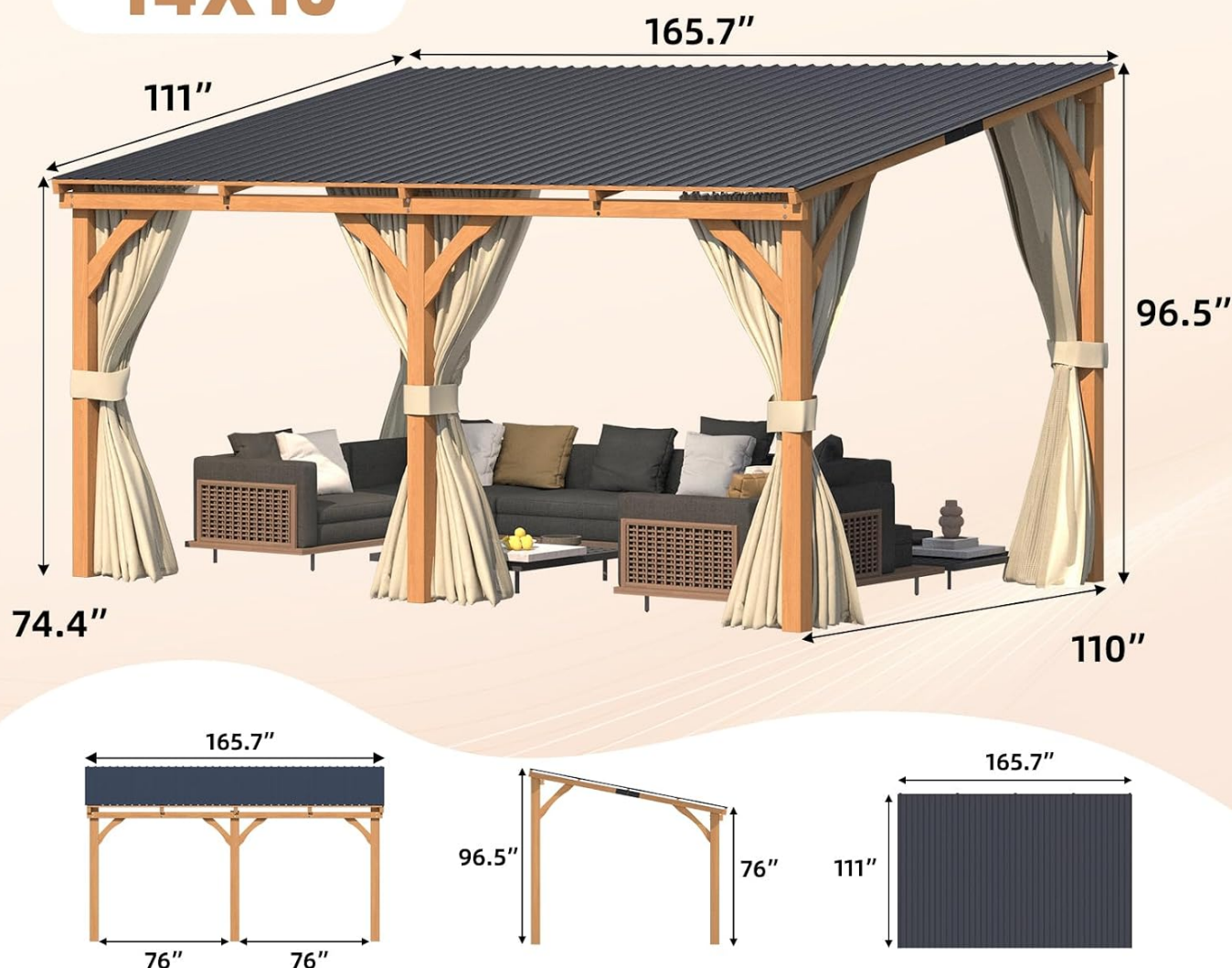


Figure 2.1: Detailed dimensions of the AECOJOY 10x14 Wooden Lean-To Gazebo. This diagram provides the key measurements of the pergola, including length (165.7 inches), width (111 inches), and height (96.5 inches), along with roof and base dimensions.

3. SETUP AND ASSEMBLY

Assembly of the AECOJOY pergola requires careful attention to detail. It is recommended to have at least two people for assembly. Please refer to the separate, detailed installation guide provided in your product packaging for step-by-step instructions specific to your model.

General Assembly Steps:

- 1. Site Preparation:** Choose a level and stable surface for installation. Ensure adequate clearance around the pergola.
- 2. Unpack and Identify Parts:** Lay out all components and hardware. Compare them against the parts list to ensure everything is present.
- 3. Assemble the Frame:** Connect the main wooden beams and posts according to the diagrams in the detailed manual. Secure all connections with the provided hardware.
- 4. Install Roof Panels:** Carefully attach the hardtop roof panels to the frame. Ensure proper alignment and secure fastening to maintain waterproof integrity.

5. **Attach Curtains and Netting:** Install the curtain and mosquito netting tracks, then hang the curtains and netting. Ensure they can move freely and zip closed completely.
6. **Secure to Ground:** Anchor the pergola to the ground using appropriate methods for your surface (e.g., concrete anchors for patio, ground stakes for lawn) to ensure stability against wind.

Tools Required (Not Included):

- Ladder
- Drill
- Wrench Set
- Measuring Tape
- Level



Figure 3.1: The AECOJOY 10x14 Wooden Pergola Gazebo with 4-sided enclosed curtains and mosquito netting. This image highlights the full enclosure capability, with both the mosquito netting and curtains featuring smooth zippers for a complete seal against insects and elements.

4. OPERATION

Your AECOJOY pergola is designed to provide a versatile outdoor living space, offering protection from sun, rain, and insects.

Curtains and Netting:

- The integrated curtains provide privacy and additional shade, blocking angled sunlight. They can be tied back when not needed.
- The mosquito netting offers protection from insects, allowing you to enjoy your outdoor space without disturbance. The netting features smooth zippers for a complete seal.

Weather Protection:

- **UV Protection:** The pergola's awning provides comprehensive UV protection, creating a shaded space of approximately 140 sq. ft.
- **Rain Protection:** The hardtop roof and seamless wall fit, combined with a sloped design, ensure exceptional waterproofing, shielding against rain.
- **Wind Resistance:** The structure is designed to withstand winds up to 70 mph when properly installed and anchored.
- **Snow Load:** The hardtop roof can support approximately 20 inches of accumulated snow. Timely clearing of heavy snow is recommended to prevent structural stress.



Figure 4.1: This image illustrates the pergola's adaptability to different seasons. In summer, the heavily tinted roof blocks UV rays and the netting keeps pests out. In winter, the robust roof can hold up to 7 inches of snow, providing shelter from wind and rain.

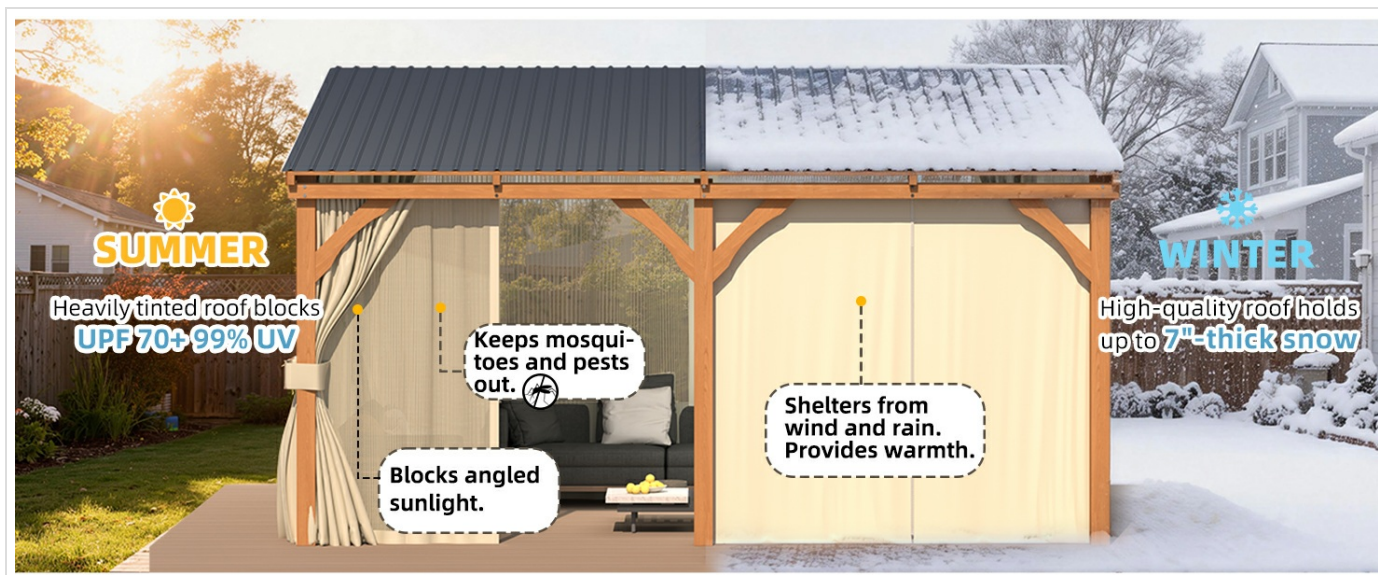


Figure 4.2: This image shows the pergola installed on an elevated balcony, highlighting its suitability for various outdoor spaces beyond ground-level patios.

5. MAINTENANCE

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

- **Cleaning the Frame:** Clean the wooden frame with a mild soap and water solution. Rinse thoroughly and dry. Avoid harsh chemicals that may damage the wood finish.
- **Cleaning Roof Panels:** Wipe metal roof panels with a damp cloth to remove dirt and debris. For stubborn stains, use a mild detergent.
- **Curtains and Netting Care:** The fabric curtains and netting can be spot cleaned with mild soap and water. For deeper cleaning, follow care instructions on the fabric tags. Ensure they are completely dry before storing or zipping up for extended periods to prevent mildew.
- **Seasonal Care:** In areas with heavy snowfall, it is recommended to clear accumulated snow from the roof promptly to prevent excessive load. While the roof can handle up to 20 inches, proactive clearing is best.
- **Hardware Check:** Periodically check all bolts, screws, and connections to ensure they remain tight. Tighten any loose hardware as needed.

6. TROUBLESHOOTING

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

Common Issues and Solutions:

- **Water Leakage:**
 - *Cause:* Improperly installed roof panels or loose connections.
 - *Solution:* Inspect roof panel overlaps and ensure all fasteners are tight. Refer to the assembly manual for correct panel installation.
- **Curtains/Netting Not Closing Properly:**
 - *Cause:* Tracks are misaligned, or fabric is caught.
 - *Solution:* Check the alignment of the curtain tracks. Ensure no debris is obstructing the zippers or fabric movement.
- **Pergola Feels Unstable:**
 - *Cause:* Loose frame connections or inadequate anchoring.

- *Solution:* Re-tighten all frame bolts and ensure the pergola is securely anchored to the ground according to the assembly instructions.

7. SPECIFICATIONS

Brand	AECOJOY
Model Number	16543MS+16608CR
Material	Alloy Steel, Wood
Style	Heavy Duty
Product Dimensions (L x W x H)	165.7" x 111" x 96.5"
Item Weight	272 Pounds
Frame Material	Wood
Water Resistance Level	Waterproof
Shape	Rectangular
Ultraviolet Light Protection	Light-Blocking
Assembly Required	Yes
Floor Area	140 Square Feet

8. WARRANTY AND SUPPORT

AECOJOY stands behind the quality of its products. While specific warranty details are provided with your purchase documentation, we offer maintenance and replacement services for our gazebos.

For any questions regarding installation, usage, maintenance, or warranty claims, our professional support team is available to assist you.

Contact Support:

Please refer to the contact information provided in your product packaging or visit the official AECOJOY website for customer service details.