

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [AECOJOY](#) /

› [AECOJOY 10' x 14' Adjustable Height Outdoor Lean to Gazebo Pergola User Manual](#)

AECOJOY 16444BK

AECOJOY 10' x 14' Adjustable Height Outdoor Lean to Gazebo Pergola

USER MANUAL

Product Overview

The AECOJOY 10' x 14' Adjustable Height Outdoor Lean to Gazebo Pergola is designed to provide a durable and versatile outdoor shelter solution. This wall-mounted structure features an adjustable height range, a robust hard top metal roof, and is engineered for stability and weather resistance. It is suitable for patios, decks, and other outdoor living spaces, offering protection from sun and snow.



Figure 1: AECOJOY 10' x 14' Adjustable Height Lean-to Gazebo Pergola in an outdoor setting.

Important Safety Information

Prior to installation and use, please read and understand all safety warnings. Failure to follow these instructions may result in injury or damage to the product.

- Ensure the gazebo is properly anchored to withstand winds up to 70 mph. Use all provided hardware for secure attachment to the wall and ground.
- Do not exceed the snow load capacity of 7 inches (6 lbs/sq.ft). Clear excessive snow accumulation promptly to prevent structural damage.
- Follow the installation instructions carefully to ensure maximum stability and safety. Professional installation is recommended if you are unsure about any steps.
- Regularly inspect all connections and components for tightness and wear. Tighten fasteners as needed.

Setup and Installation

The AECOJOY gazebo is designed for straightforward assembly. Detailed instructions and video tutorials are available to guide you through the process. Ensure you have all components listed in the packing list before beginning.

Adjustable Height Feature

This gazebo features an adjustable height range from 8.1 ft to 9.8 ft (78 to 118 inches) on the rear side, allowing for flexible installation to match eaves or accommodate door frame heights. Note that height adjustments affect the distance from the post to the wall.

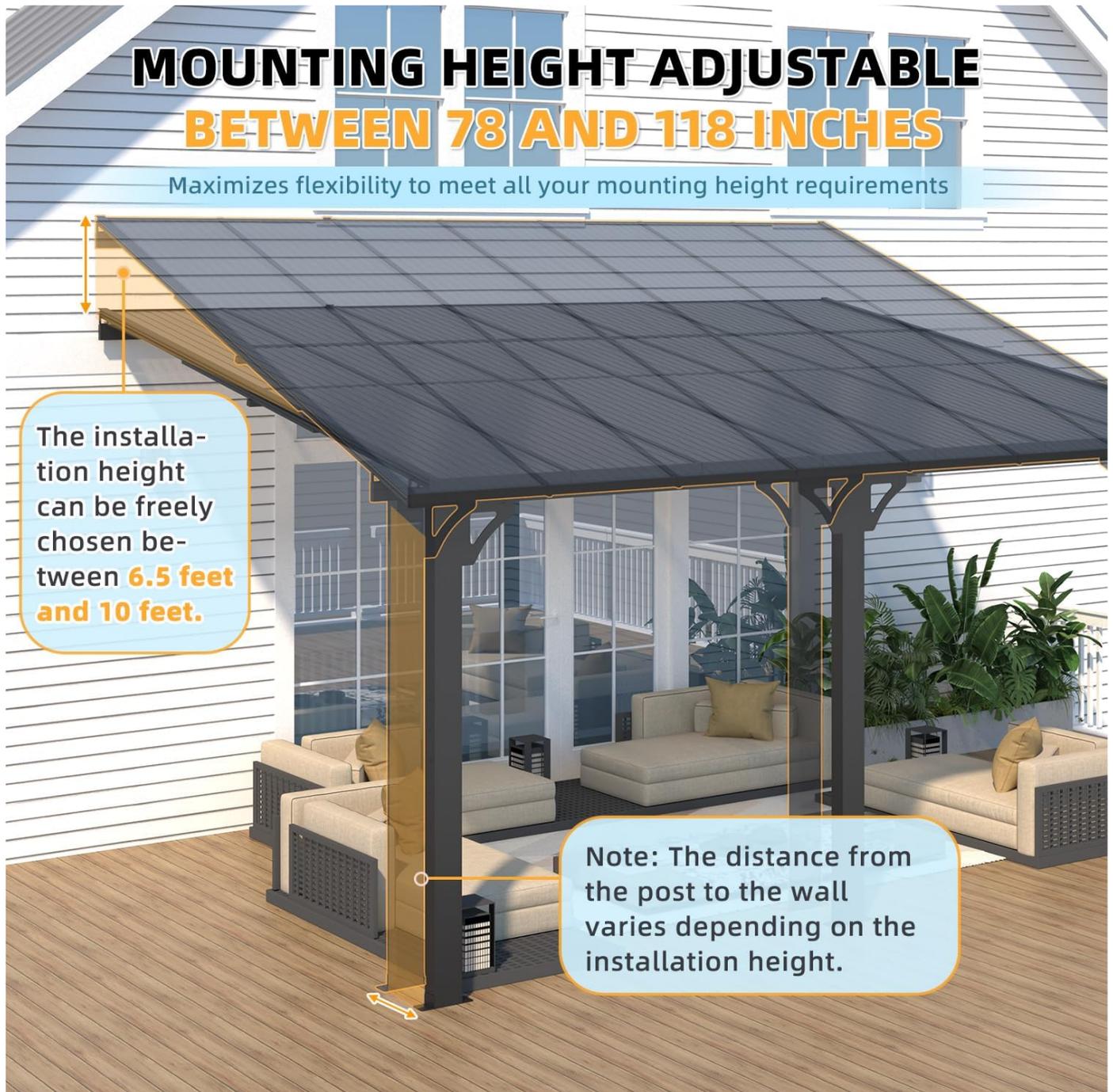


Figure 2: Adjustable mounting height details.

DIMENSIONS

14-Foot Wide

Adjustable Height Lean-To Wall-mounted Gazebo

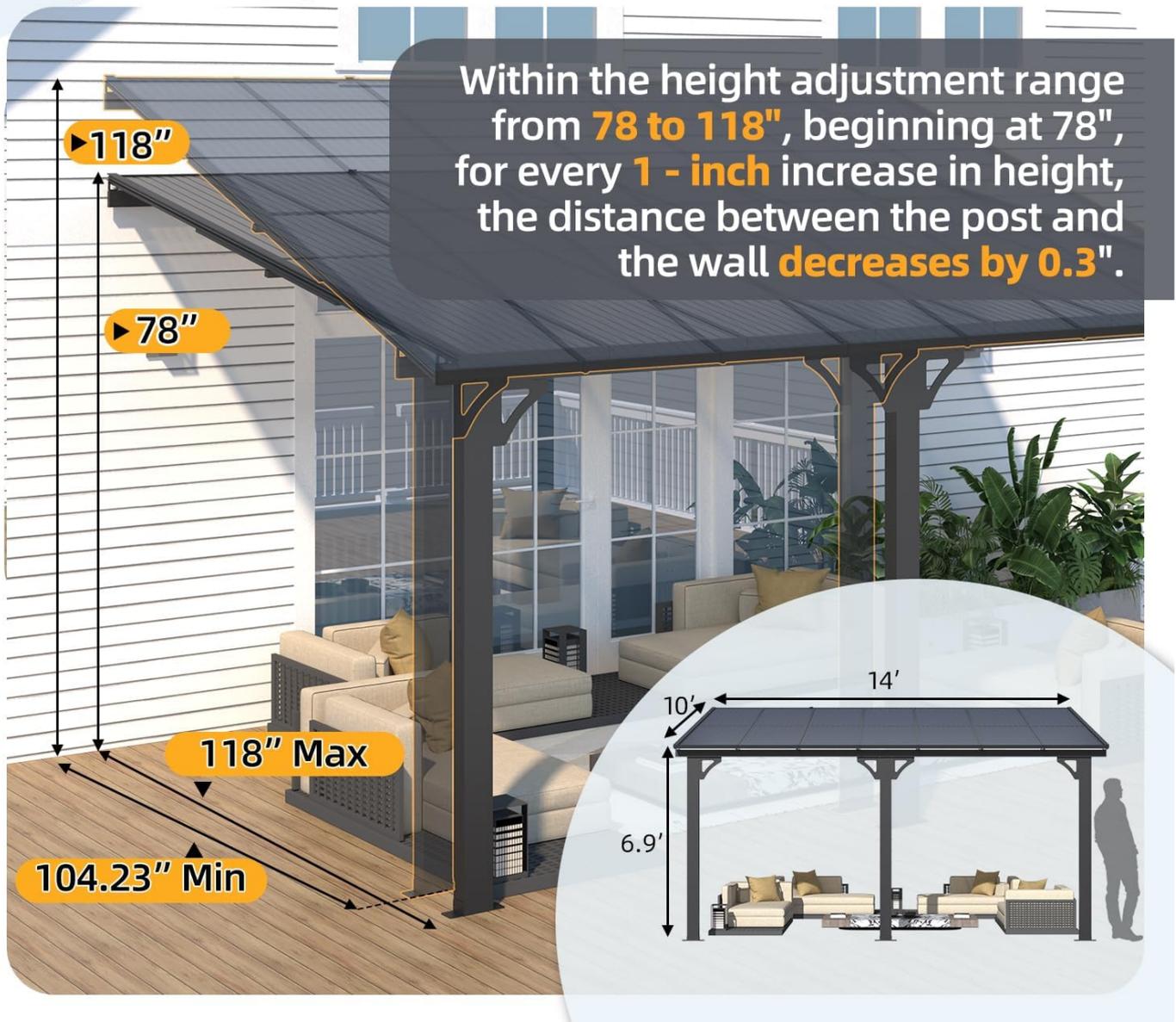


Figure 3: Detailed dimensions and height adjustment impact on post-to-wall distance.

Wall-Mounted Anchoring

The design incorporates a wall-mounted anchoring system, eliminating the need for rear support posts and enhancing structural stability. All necessary hardware for wall attachment is included. Ensure the wall surface is suitable for mounting.

Assembly Steps (General)

1. Unpack all components and verify against the parts list.
2. Assemble the main frame structure according to the provided diagrams.
3. Attach the frame to the designated wall using the wall-mounting hardware.
4. Install the roof panels, ensuring they are securely fastened and aligned for proper drainage.
5. Anchor the front posts to the ground as instructed to ensure wind resistance.



Figure 4: Example of installed gazebo on a deck.

Operating Guidelines

Once installed, the AECOJOY gazebo provides a reliable outdoor living space. Its design ensures optimal performance under various weather conditions.

Weather Resistance

- **Waterproof Performance:** The sloped roof design and precision-engineered panels ensure efficient water runoff, preventing pooling and maintaining a dry area underneath.
- **Snow Load Capacity:** The hardtop roof is designed to withstand up to 7 inches of heavy snow (6 lbs/sq.ft). In areas with heavy snowfall, it is advisable to clear snow periodically to prevent excessive accumulation.
- **Wind Resistance:** When properly anchored to both the wall and the ground, the gazebo can confidently withstand winds up to 70 mph.
- **UV Protection:** The roof panels offer UPF 70++ ultraviolet light protection, blocking harmful UV rays and providing

shade.



Figure 5: Key features for weather resistance and durability.

Maintenance

Regular maintenance will extend the lifespan and preserve the 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 and dry with a soft cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Fastener Inspection:** Periodically check all bolts, screws, and anchors to ensure they remain tight. Re-tighten any loose fasteners to maintain structural integrity.
- **Snow Removal:** During winter, promptly remove heavy snow accumulation from the roof to prevent exceeding the snow load capacity.
- **Drainage Check:** Ensure the sloped roof remains clear of debris (leaves, branches) that could obstruct water runoff.

Troubleshooting

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

Problem	Possible Cause	Solution
Gazebo feels unstable or sways in wind.	Anchors are not properly secured or fasteners are loose.	Ensure all wall and ground anchors are correctly installed and tightened. Check all frame connections and tighten any loose bolts.
Water pooling on the roof.	Debris obstructing drainage or incorrect roof panel installation.	Clear any leaves or debris from the roof. Verify that roof panels are installed with the correct slope and are not warped.
Difficulty during assembly.	Missing parts, unclear instructions, or incorrect alignment.	Double-check the parts list. Refer to the detailed manual and video tutorials. Contact customer support for remote assistance if needed.

Specifications

Attribute	Detail
Brand	AECOJOY
Model Number	16444BK
Product Dimensions	168"L x 120"W x 96"H (14'L x 10'W x 8'-9.8'H adjustable)
Item Weight	150 Pounds
Material	Aluminum, Metal (Frame: Metal, Aluminum, Alloy Steel)
Color	Dark Grey Height-adjustable
Water Resistance Level	Waterproof
Ultraviolet Light Protection	UPF 70++
Snow Load Capacity	6 lbs/sq.ft (approx. 7 inches of snow)
Wind Resistance	Up to 70 mph (when properly anchored)
Assembly Required	Yes
Occupancy	5 person
Floor Area	140 Square Feet

Warranty and Support

AECOJOY stands firmly behind its products, offering comprehensive support to ensure your satisfaction.

- **Worry-Free Ownership:** The manufacturer provides maintenance, replacements, and professional support for any

installation or usage concerns.

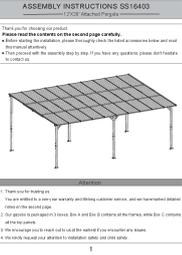
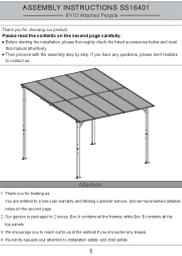
- **Technical Support:** An expert technical support team is available to provide remote assistance whenever needed.
- For further assistance or to inquire about warranty claims, please refer to the contact information provided with your product packaging or visit the official AECOJOY website.

You can also visit the [AECOJOY Store on Amazon](#) for more information and resources.

© 2024 AECOJOY. All rights reserved.

Model: 16444BK

Related Documents - 16444BK

	<p>AECOJOY 12'x20' Attached Pergola Assembly Instructions (Model SS16403)</p> <p>Detailed assembly instructions for the AECOJOY 12'x20' Attached Pergola (Model SS16403). This guide provides step-by-step instructions, parts lists, and important safety information for building your pergola.</p>
	<p>AECOJOY SS16401 8'x10' Attached Pergola Assembly Instructions</p> <p>Comprehensive assembly instructions for the AECOJOY SS16401 8'x10' Attached Pergola, including parts list, safety guidelines, and step-by-step assembly procedures.</p>
	<p>Assembly Instructions for AECOJOY 10'x14' Freestanding Gazebo SS16438</p> <p>Step-by-step assembly instructions for the AECOJOY 10'x14' freestanding gazebo (model SS16438). Includes a detailed parts list and assembly guidance.</p>
	<p>8' x 5' Grill Gazebo Assembly Instructions - AECOJOY 16087</p> <p>Detailed assembly instructions for the AECOJOY 8' x 5' Grill Gazebo (Model 16087). Learn how to assemble your patio grill shelter step-by-step, including parts list and fixing methods.</p>

ASSEMBLY INSTRUCTIONS SS16406

8' x 5' Attached Pergola

There are 4 steps in this assembly.
Please read the contents on the second page carefully.
• After reading the instructions please thoroughly check the list of materials, contents, labels and read the manual of operation.
• Then proceed with the assembly step by step. If you have any questions please don't hesitate to contact us.



1. There are 4 steps in this assembly.
2. You are advised to read your warranty and delivery customer service, and not to be worried about the size of the second page.
3. Our goal is to give you a clear and simple step-by-step guide to help you assemble your pergola in the easiest way possible. We will support you in every step, but this is not an official manual. We will support you in every step, but this is not an official manual. We will support you in every step, but this is not an official manual.
4. The manual is not a replacement for the manual of operation.
5. The manual is not a replacement for the manual of operation.

[AECOJOY SS16406 8' x 5' Attached Pergola Assembly Instructions](#)

Step-by-step guide for assembling the AECOJOY SS16406 8' x 5' Attached Pergola. Includes a detailed parts list, safety precautions, and warranty information for easy installation.

ASSEMBLY INSTRUCTIONS SS16304BK

10' x 14' Attached Pergola

There are 4 steps in this assembly.
Please read the contents on the second page carefully.
• After reading the instructions please thoroughly check the list of materials, contents, labels and read the manual of operation.
• Then proceed with the assembly step by step. If you have any questions please don't hesitate to contact us.



1. There are 4 steps in this assembly.
2. You are advised to read your warranty and delivery customer service, and not to be worried about the size of the second page.
3. Our goal is to give you a clear and simple step-by-step guide to help you assemble your pergola in the easiest way possible. We will support you in every step, but this is not an official manual. We will support you in every step, but this is not an official manual.
4. The manual is not a replacement for the manual of operation.
5. The manual is not a replacement for the manual of operation.

[AECOJOY SS16304BK 10'x14' Attached Pergola Assembly Instructions](#)

Comprehensive assembly instructions for the AECOJOY SS16304BK 10'x14' attached pergola. Includes parts list, step-by-step guidance, safety precautions, and warranty information.