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> Aoxun Louvered Pergola 10' x 12' Instruction Manual

Aoxun AW301GR02A-WY

Aoxun Louvered Pergola 10' x 12' Instruction Manual

Brand: Aoxun | **Model:** AW301GR02A-WY

1. PRODUCT OVERVIEW

The Aoxun Louvered Pergola is an outdoor aluminum structure designed to provide adjustable shade and protection for decks, gardens, and backyards. It features an adjustable louvered roof, integrated drainage system, and options for netting and curtains to enhance comfort and privacy.



Image 1.1: The Aoxun Louvered Pergola providing a shaded outdoor living space.

2. SAFETY INFORMATION

It is crucial to adhere to all safety guidelines during the assembly, installation, and operation of your Aoxun Louvered Pergola. Failure to do so may result in injury or damage to the product.

- Always assemble and secure the pergola to a stable and level foundation. Ensure the ground is firm and can support the structure's weight.
- Exercise caution when adjusting the louvered roof to prevent pinching or other injuries. Keep hands and fingers clear of moving parts.
- Keep children and pets away from the pergola during assembly, disassembly, and when adjusting the roof to avoid accidents.
- Do not hang heavy objects from the pergola frame or louvers.
- In extreme weather conditions (e.g., heavy snow, strong winds), it is recommended to open the louvers to prevent snow accumulation and reduce wind resistance. The pergola is designed to withstand maximum wind resistant 31-

38mph and maximum snow thickness tolerance 10 inches.

3. PRODUCT FEATURES

- **Adjustable Louvered Roof:** Equipped with a handle for adjusting the roof from 0° to 75°, offering flexible protection against sun, rain, and wind.
- **Netting and Curtains:** Includes private curtains for privacy and warmth, and a netting design for an open view, ample airflow, and mosquito deterrence.
- **Stable Structure and Premium Material:** Constructed with a high-quality powder-coated aluminum alloy frame, resistant to rust, peeling, and corrosion for long-term outdoor use.
- **Drainage System:** Features a built-in drainage system to prevent water accumulation. The roof is sloped, directing water through beams to the columns and then to the ground.
- **Multifunctional and Versatile:** Suitable for various outdoor uses, including dining areas, social gathering spots, or relaxing lounging spaces.

Our Outdoor Louvered Pergola for any Weather



Image 3.1: Weather resistance features of the Aoxun Louvered Pergola.



Image 3.2: Pergola modes for ventilation, insect protection, and privacy.

4. SPECIFICATIONS

Attribute	Detail
Brand	Aoxun
Model Number	AW301GR02A-WY
Product Dimensions	140.55"L x 117.72"W x 88.98"H (10' x 12' nominal)
Item Weight	323 Pounds
Frame Material	Aluminum (Powder-coated)
Color	Gray

Water Resistance Level	Waterproof
UV Protection	Yes (Reflects 99% of UV rays)
Assembly Required	Yes
Maximum Wind Resistance	31-38 mph
Maximum Snow Thickness Tolerance	10 inches
UPC	799413403958

Louvered Pergola

aoxun



5 packages

12FT X 10FT

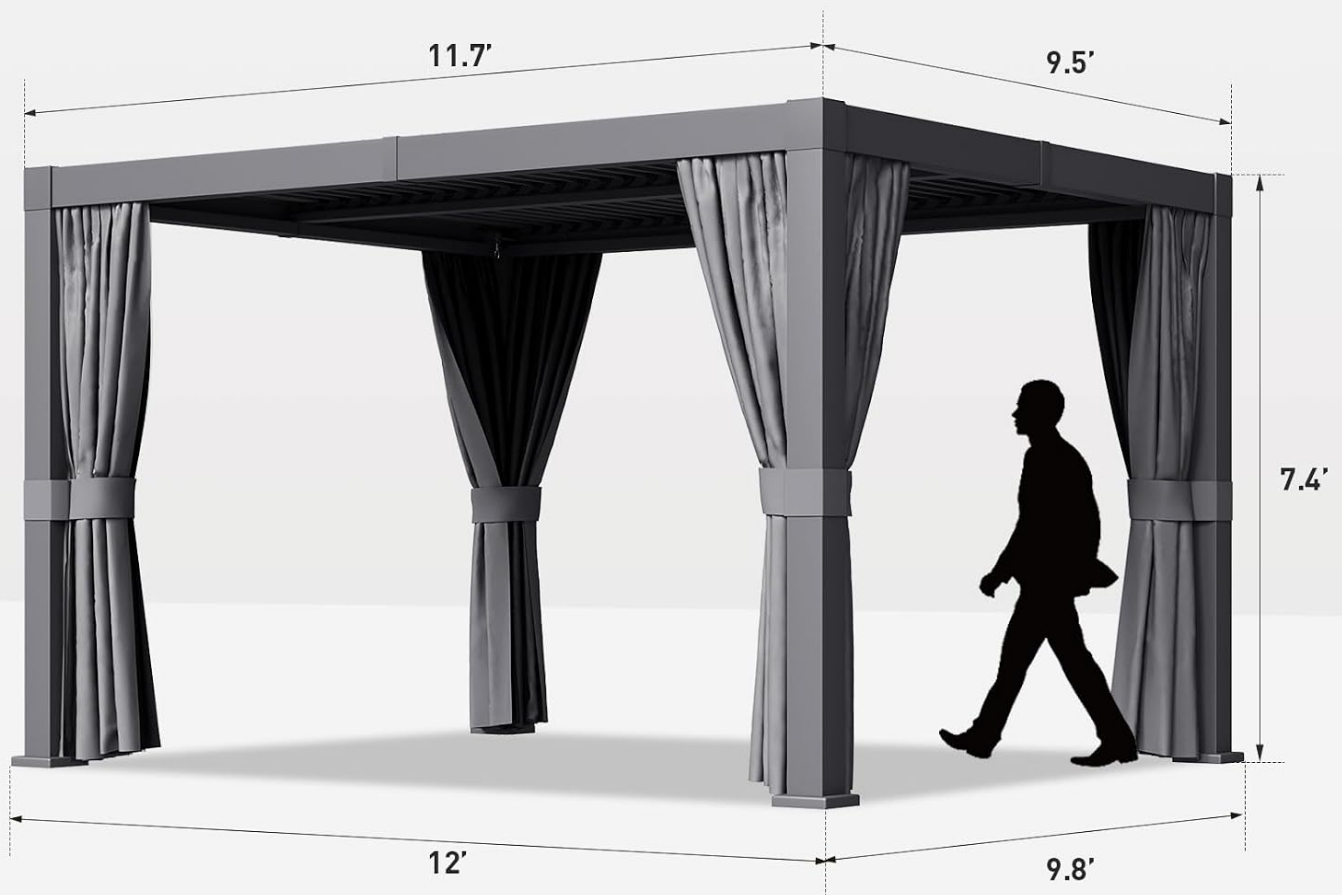


Image 4.1: Key dimensions of the pergola structure.

5. SETUP AND ASSEMBLY

The Aoxun Louvered Pergola requires assembly. It is recommended to have at least two people for assembly due to the size and weight of components. Ensure you have sufficient space and all necessary tools before beginning.

5.1 Unpacking and Inspection

The pergola typically ships in multiple packages (e.g., 5 boxes), which may be delivered on different days. Upon receipt, carefully unpack all components and compare them against the parts list provided in your physical instruction manual to ensure all pieces are present and undamaged. Report any missing or damaged parts immediately to customer support.

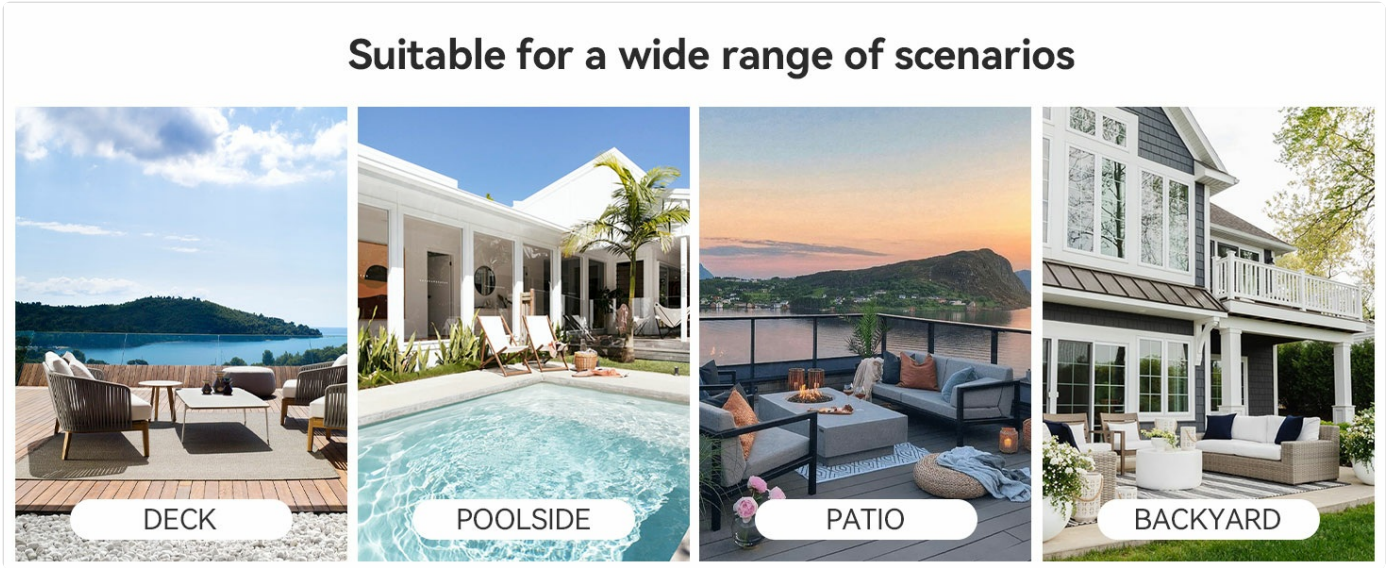


Image 5.1: Delivery of the pergola in multiple packages.

5.2 Foundation and Anchoring

The pergola must be secured to a stable, flat concrete surface using the included anchor bolts. Proper anchoring is essential for the stability and safety of the structure, especially in windy conditions.



Image 5.2: Installation of anchor bolts for securing the pergola.

Refer to the detailed assembly instructions provided in the physical manual for step-by-step guidance on constructing the frame, installing the louvers, and attaching the curtains/netting.

6. OPERATING INSTRUCTIONS

6.1 Adjusting the Louvered Roof

The louvered roof can be adjusted from 0° (fully closed) to 75° (partially open) using the integrated handle. This allows you to control the amount of sunlight, shade, and ventilation. Two areas of the roof can be adjusted independently.

- To open the louvers: Rotate the handle to move the louvers towards the open position.
- To close the louvers: Rotate the handle to move the louvers towards the closed position. Ensure they are fully closed for maximum rain and UV protection.

ADJUSTABLE LOUVERS DESIGN

Individual louvers can be adjusted to any angle you need for a wide variety of weather



CLOSE

OPEN

Image 6.1: Mechanism for adjusting the louvered roof.



Image 6.2: Louvered roof in open and closed configurations.

6.2 Drainage System

The pergola is equipped with a built-in gutter system. When the louvers are closed, rainwater is collected by the gutters, channeled through the beams, and then flows down the interior of the columns to drain at the base. This design prevents water pooling on the roof.

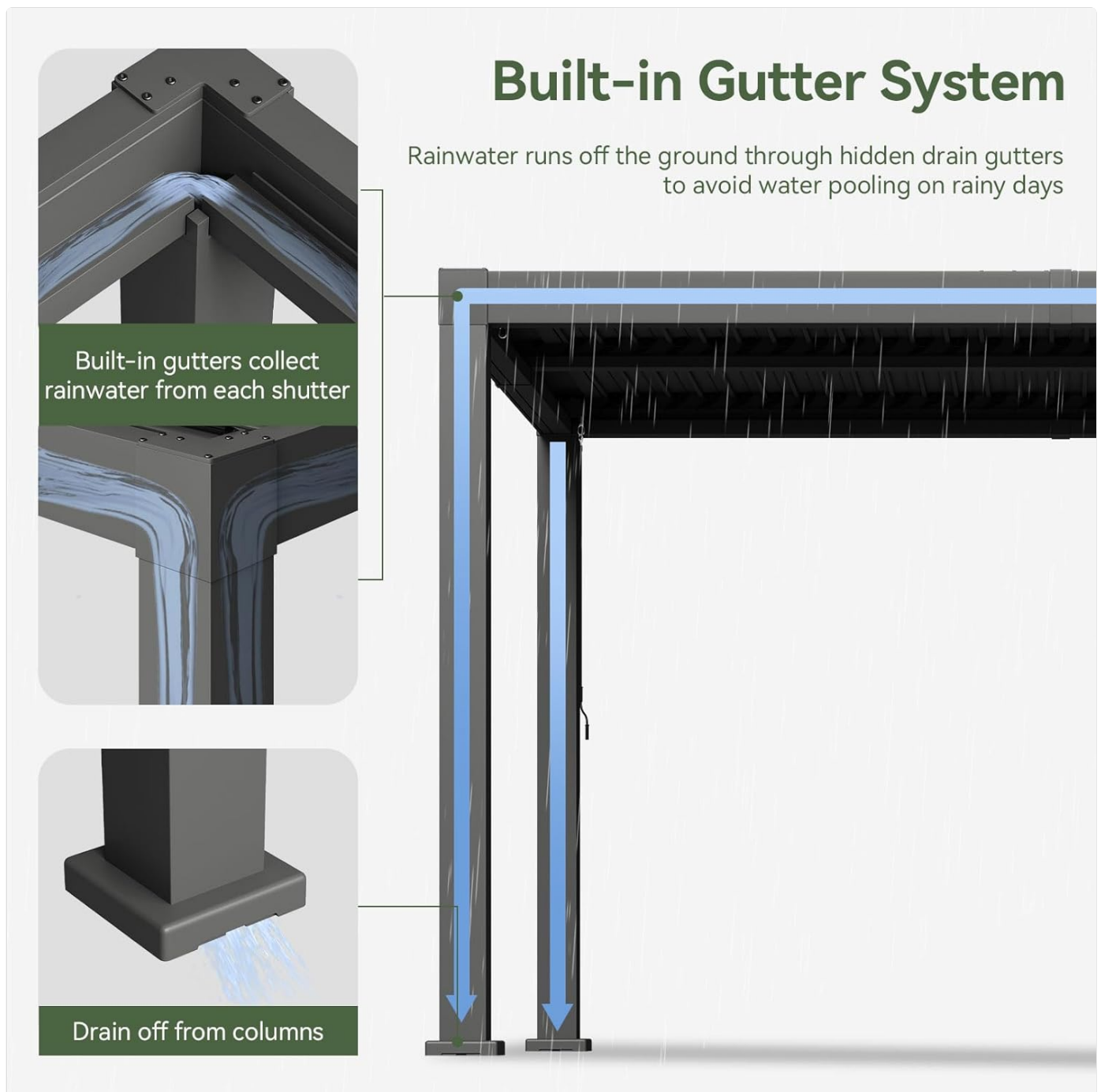


Image 6.3: Illustration of the pergola's integrated drainage system.

6.3 Using Netting and Curtains

The included netting provides protection from insects while maintaining airflow and an open view. The privacy curtains can be drawn for increased privacy or to retain warmth during cooler weather.

7. MAINTENANCE

Regular maintenance will help prolong the life and appearance of your Aoxun Louvered Pergola.

- **Cleaning:** Clean the aluminum frame and louvers periodically with a mild soap and water solution. Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots. Avoid abrasive cleaners or harsh chemicals.
- **Drainage System:** Periodically check the drainage channels and column bases for any debris (leaves, dirt) that might obstruct water flow. Clear any blockages to ensure proper drainage.
- **Moving Parts:** Inspect the louver adjustment mechanism for smooth operation. If it becomes stiff, a silicone-based lubricant can be applied to moving parts, avoiding contact with fabric.

- **Fasteners:** Annually check all bolts and fasteners to ensure they are tight. Re-tighten if necessary.
- **Fabric Care:** Clean curtains and netting according to their specific care instructions, typically with mild soap and water. Ensure they are completely dry before storing or folding to prevent mildew.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water pooling on roof when louvers are closed	Drainage channels are blocked; Louvers not fully closed.	Clear any debris from gutters and drainage paths. Ensure louvers are completely closed and aligned.
Louvers are stiff or difficult to adjust	Accumulation of dirt/debris; Lack of lubrication.	Clean the louver mechanism. Apply a silicone-based lubricant to moving parts.
Pergola feels unstable or wobbly	Anchor bolts are loose or not properly installed; Uneven foundation.	Check and re-tighten all anchor bolts. Ensure the foundation is level and stable. Consult a professional if necessary.

9. CUSTOMER SUPPORT

For further assistance, missing parts, or warranty inquiries, please contact Aoxun customer support. Refer to the contact information provided in your product packaging or visit the official Aoxun store on Amazon:

[Visit the Aoxun Store on Amazon](#)

Aoxun is committed to providing excellent customer service and support for their products.

10. IMPORTANT NOTE ON VIDEOS

Please note that no official product video URLs were provided in the product data. Therefore, no videos could be embedded in this digital instruction manual. For visual guides, please refer to the images provided or check the product page on Amazon for any available media.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question