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Aoxun G43023BK01

Aoxun Louvered Pergola 10' x 10' (Model G43023BK01) Instruction Manual

1. INTRODUCTION

Thank you for choosing the Aoxun Louvered Pergola. This manual provides essential information for the safe assembly, operation, and maintenance of your new outdoor structure. This 10' x 10' metal pergola features an adjustable louvered roof, a patented easy assembly design, and a robust drainage system, making it a versatile addition to any outdoor space.



Image: The Aoxun Louvered Pergola installed in an outdoor setting, showcasing its design and functionality.

Image: This image demonstrates the pergola's multifunctional design, suitable for various outdoor activities such as dining, entertaining guests, or simply relaxing in nature.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before assembly and use.
- Ensure all components are securely fastened before use.
- Always anchor the pergola securely to a stable surface to prevent tipping or movement due to wind.
- Do not hang heavy objects from the pergola frame.
- Regularly inspect the structure for any loose parts or damage.
- Keep children and pets away from the assembly area.

3. PACKAGE CONTENTS

Your Aoxun Louvered Pergola is delivered in multiple packages (typically 4 boxes) to ensure safe transport of all components. All necessary screws, bolts, and tools for assembly are included. Please verify all parts are present and undamaged before beginning assembly.



Image: This image indicates that the pergola components are shipped in four distinct packages, which may arrive on different days.

4. SETUP AND ASSEMBLY

The Aoxun Louvered Pergola features a unique, patented plug-and-play frame design that significantly simplifies installation. This design minimizes the need for screw hole alignment and uses fewer screws compared to traditional models, reducing assembly time and effort.

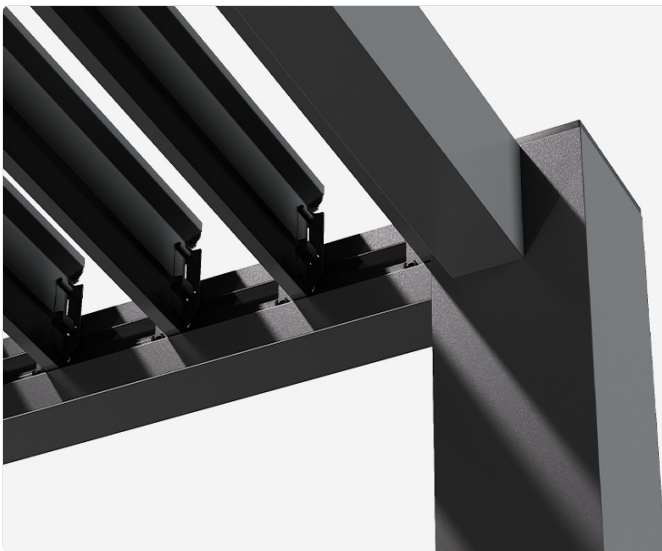
4.1 Assembly Steps

1. Unpack all components and lay them out on a clean, flat surface.
2. Follow the detailed instructions provided in the separate assembly guide for step-by-step construction.
3. Utilize the patented plug-and-play system for connecting frame components.
4. Securely fasten all screws and bolts using the provided tools.
5. Ensure the pergola is level and stable before anchoring.

4.2 Anchoring the Pergola

For optimal stability and safety, especially in windy conditions, it is crucial to anchor the pergola to your ground surface. Anchor bolts are included for securing the structure to a flat concrete surface.

- Position the pergola in your desired location.
- Mark the drilling points through the base plates of each column.
- Drill appropriate holes for the anchor bolts.
- Insert and tighten the anchor bolts to firmly secure the pergola to the ground.



Maintenance-Free

Say Goodbye to Upkeep Hassles

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- ✓ Fade, UV & Rust Resistant
- ✓ Maintenance-Free
- ✓ Replaceable Parts

OTHER ✕

Low Durability & EaSy Wear
Frequent Upkeep Required
Non-Replaceable Parts

Image: This image illustrates the patented plug-and-play frame design, which simplifies assembly by reducing the number of screws required and eliminating complex alignment.



Anchor Bolts Included

Secure the pergola to flat concrete surface with anchor bolts

Image: This image highlights the anchor bolts provided to securely fasten the pergola's posts to a solid concrete foundation, ensuring stability and safety.

5. OPERATING THE ADJUSTABLE LOUVERED ROOF

The Aoxun Louvered Pergola features an adjustable roof system, allowing you to control sunlight, shade, and protection from rain. The roof consists of two independently adjustable sections.

5.1 Adjusting the Louvers

- Locate the foldable crank handle on the side of the pergola column.
- Extend the crank handle.
- Rotate the handle clockwise or counter-clockwise to open or close the louvers to your desired angle.
- The foldable design of the crank handle ensures a clean aesthetic and prevents accidental bumps.

5.2 Benefits of Adjustable Louvers

- **Open:** Allows full sunlight for sunbathing or maximum light exposure.
- **Partially Open:** Provides filtered light and gentle airflow.
- **Closed:** Offers complete shade and protection from rain and harmful UV rays.

ADJUSTABLE LOUVERS DESIGN

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



Image: A close-up view of the foldable crank handle, demonstrating how easily the louvers can be adjusted to control sunlight and shade, enhancing user comfort.



Image: An overhead perspective of the pergola's metal louvered roof, highlighting its ability to be independently adjusted on two areas, allowing for both open-air sunbathing and complete shade.

Anchor Bolts Included

Secure the pergola to flat concrete surface with anchor bolts



Easy to Install



Sturdy

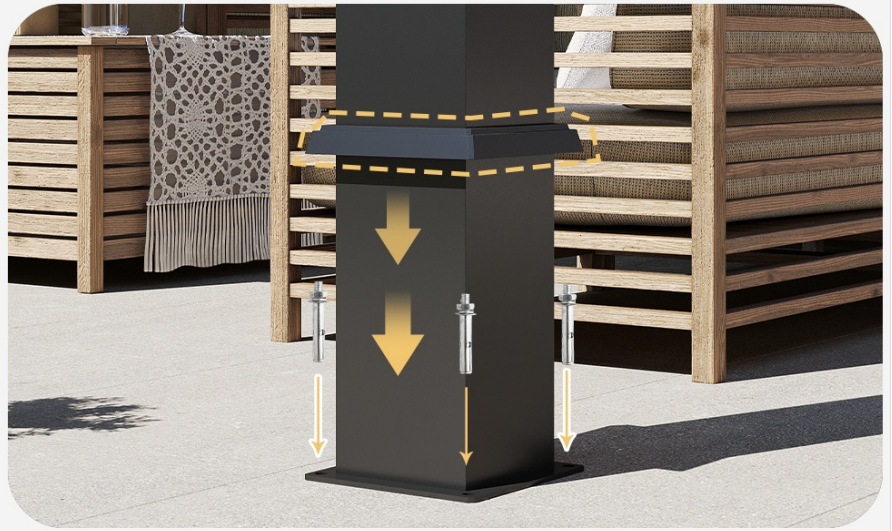


Image: A visual of the foldable crank handle, emphasizing its ergonomic design for easy and flexible control over the louvered roof's position, preventing head bumps.

6. MAINTENANCE

The Aoxun Louvered Pergola is constructed from premium AlMgZn-coated steel, designed to withstand harsh outdoor conditions. This material effectively resists rust, corrosion, and UV damage, ensuring minimal maintenance and long-term durability.

6.1 Cleaning

- Clean the frame and louvers with a mild soap and water solution.
- Rinse thoroughly with clean water.
- Avoid using abrasive cleaners or harsh chemicals that could damage the finish.

6.2 Drainage System

The pergola features a built-in drainage system with a sloped roof design. Accumulated water drains through the beams to the columns and flows to the ground, preventing pooling. Regularly check and clear any debris from the gutters and column drainage points to ensure proper function.

Built-in Gutter System

Rainwater runs off the ground through hidden drain gutters to avoid water pooling on rainy days



Built-in gutters collect rainwater from each shutter



The rain ran down the pipe



Drain off from columns

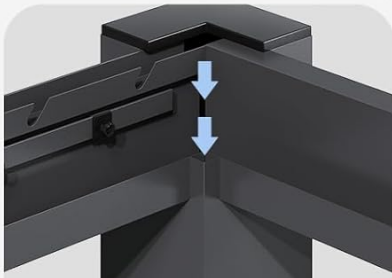


Image: This image showcases the pergola's frame constructed from AlMgZn-coated steel, emphasizing its superior resistance to rust,

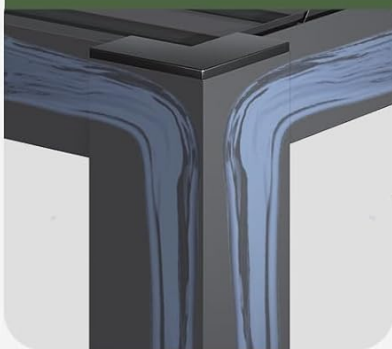
corrosion, and UV damage for long-lasting outdoor performance.

Built-in Gutter System

Rainwater runs off the ground through hidden drain gutters to avoid water pooling on rainy days



Built-in gutters collect rainwater from each shutter



Drain off from columns

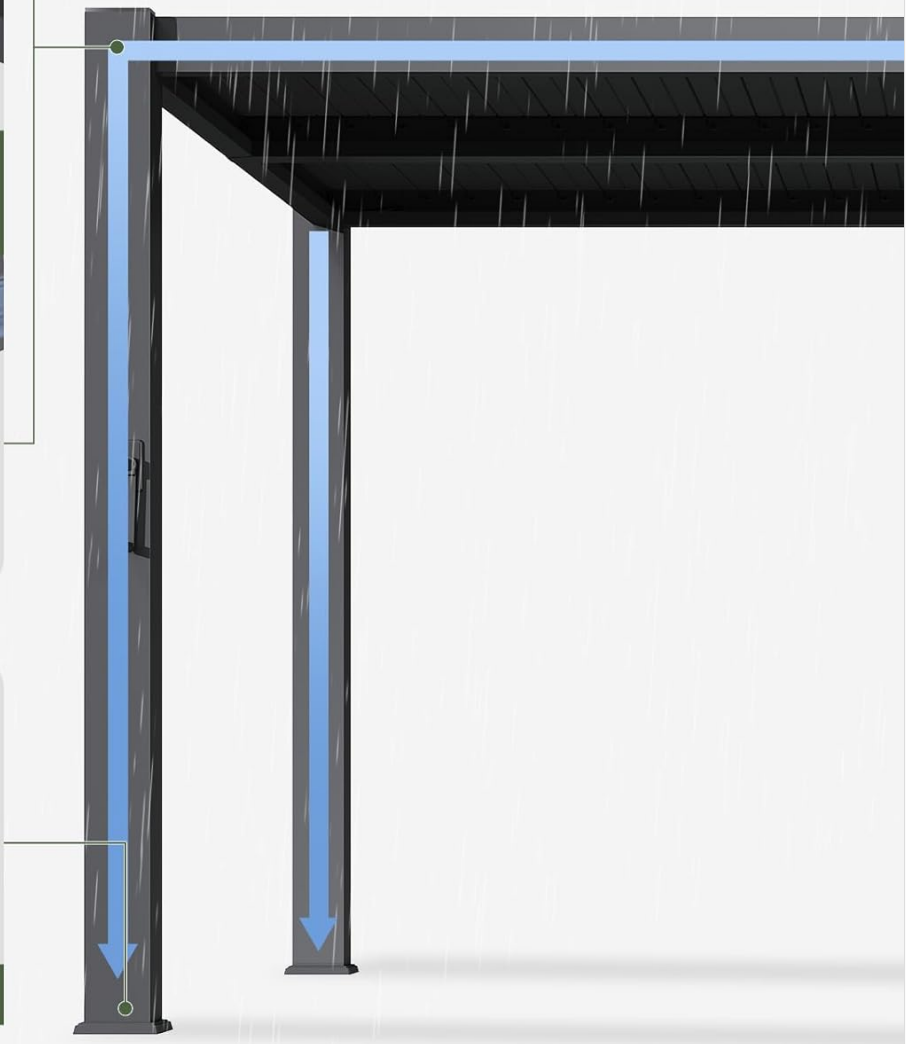
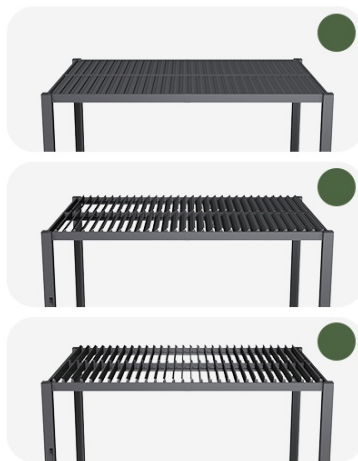


Image: This diagram details the integrated drainage system, where rainwater is collected from the louvered roof and channeled through the pergola's columns to prevent water accumulation on the roof.



Adjustable Louvered Roof

Take command of your comfort, controlling the sunlight without being overwhelmed by its intensity.



Image: An illustration highlighting the pergola's robust design for all weather conditions, including its snow load capacity, soft-closing waterproof louvers, and ability to reflect 99% of UV rays.

7. TROUBLESHOOTING

- **Difficulty during assembly:** Ensure all parts are correctly oriented according to the assembly guide. The patented design aims for ease, but careful attention to detail is still required.
- **Water pooling on roof:** Verify that the louvers are fully closed and the drainage system is clear of any obstructions. The roof is designed with a slope for effective water runoff.
- **Pergola instability:** Confirm that all anchor bolts are securely fastened to a solid foundation. Re-tighten any loose connections.

8. SPECIFICATIONS

- **Brand:** Aoxun
- **Model Number:** G43023BK01
- **Product Dimensions:** 118"L x 118"W x 88.98"H (approximately 10'L x 10'W x 7.4'H)
- **Floor Area:** 100 Square Feet
- **Item Weight:** 338 Pounds
- **Material:** Metal (AlMgZn-coated steel)
- **Frame Material:** Metal
- **Color:** Gray
- **Style:** Modern
- **Water Resistance Level:** Waterproof
- **Ultraviolet Light Protection:** Yes
- **Assembly Required:** Yes

Louvered Pergola

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 4 packages

10FT X10FT

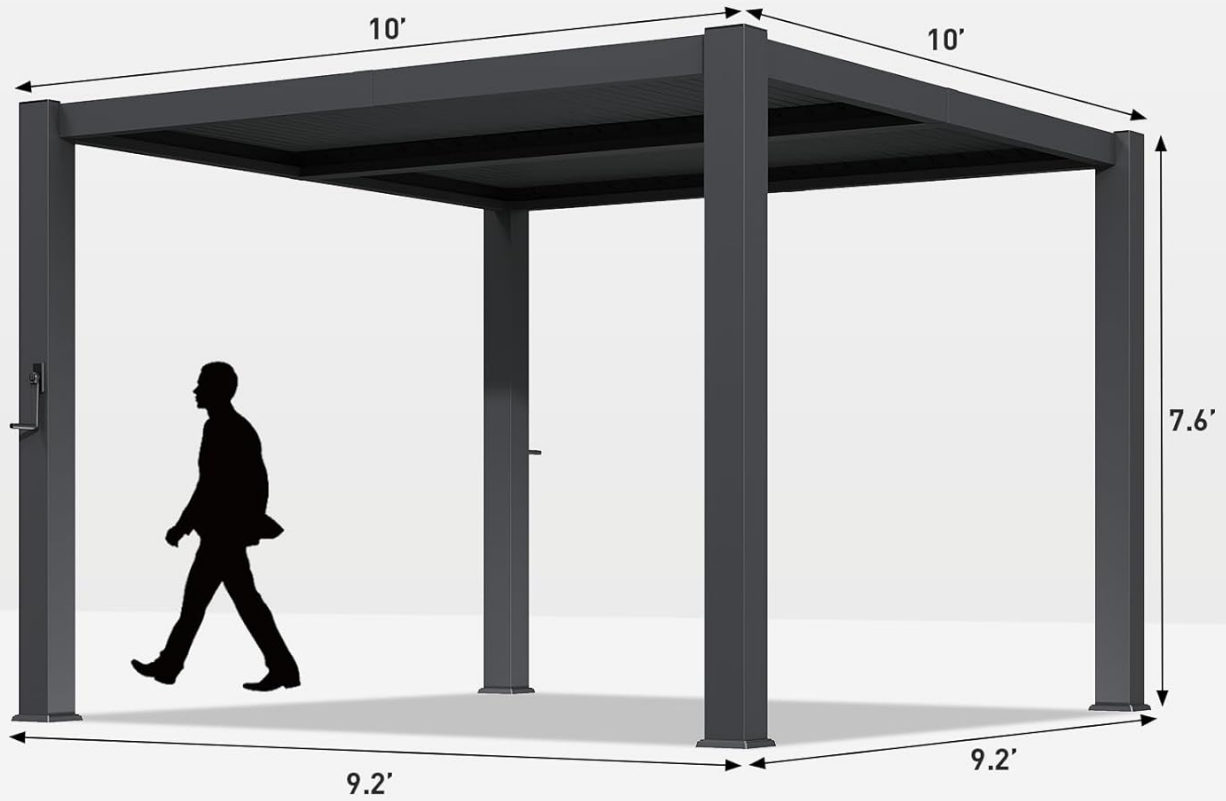


Image: This image provides a clear dimensional overview of the 10ft x 10ft Aoxun Louvered Pergola, including its height and footprint.

WIDER WIDTH & LARGER VOLUME



Image: A visual comparison illustrating the wider and more robust design of Aoxun pergola posts (3.8"x3.8") compared to standard alternatives (3.1"x3.1"), emphasizing enhanced strength and durability.

9. WARRANTY AND SUPPORT

For warranty information, product support, or to order replacement parts, please refer to the documentation included with your purchase or contact Aoxun customer service directly. Keep your purchase receipt for warranty claims.