

Aoxun TS302GR

Aoxun Louvered Pergola 12x20 Instruction Manual
MODEL: TS302GR

Brand: Aoxun

Introduction

This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your Aoxun Louvered Pergola 12x20. Please read all instructions carefully before beginning assembly or use. Retain this manual for future reference.

Safety Information

Always securely anchor the shelter to the ground using the pre-drilled bases to prevent tipping over in windy or snowy conditions. Do not use in winds exceeding 31-38 mph or with snow thickness exceeding 10 inches without proper additional support.

Ensure all components are correctly installed and tightened before use. Regularly inspect the pergola for any signs of wear, damage, or loose connections. Keep children and pets away from the assembly area during installation.

Specifications

Feature	Detail
Brand	Aoxun
Model Number	TS302GR
Product Dimensions (L x W x H)	226.8" x 140.4" x 88.8" (18.9' x 11.7' x 7.4')
Material	All-Aluminum Frame
Item Weight	573.9 Pounds
Water Resistance Level	Waterproof
Ultraviolet Light Protection	Yes
Assembly Required	Yes

Louver Control	Independent Adjustable Louvers (Two Areas)
Additional Features	Waterproof Curtains, Breathable Netting, Integrated Drainage System

The Aoxun Louvered Pergola is designed for outdoor use, providing shade, privacy, and protection from elements. Its all-aluminum construction ensures durability and resistance to rust.



Figure 1: Pergola Dimensions (12' x 20' model)

Setup and Assembly

Assembly of the Aoxun Louvered Pergola requires careful attention to detail and typically involves two or more people. Ensure you have all parts listed in the packaging before beginning. Tools required are generally standard household tools (not included unless specified in packaging).

- Unpack Components:** Carefully unpack all boxes and identify each part against the provided parts list. Lay out

components in an organized manner to facilitate assembly.

2. **Assemble Frame:** Begin by assembling the main aluminum frame structure, including posts and beams. Follow the step-by-step instructions provided in the separate assembly guide (usually included in packaging).
3. **Install Louvered Roof:** Attach the louvered roof sections to the frame. Ensure all louvers are correctly aligned and can move freely.
4. **Attach Curtains and Netting:** Install the privacy curtains and breathable netting onto the designated tracks or hooks.
5. **Anchor the Pergola:** Securely anchor the pergola to a flat, stable concrete surface using the provided anchor bolts. This step is crucial for stability and safety, especially in adverse weather conditions.



Figure 2: Sturdy Aluminum Frame Construction



Anchor Bolts Included

Secure the pergola to flat concrete surface with anchor bolts

Figure 3: Anchor Bolts for Secure Installation

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Video 1: Aoxun Outdoor Aluminum Louvered Pergola 12"x20" Assembly Guide. This video provides a detailed visual guide for the assembly process of the pergola.

Operating Instructions

The Aoxun Louvered Pergola offers versatile control over sunlight, shade, and privacy.

- **Adjustable Louvered Roof:** The pergola features two independently controlled louvered roof sections. Use the crank mechanism (or similar control) to open or close the louvers. Opening the louvers allows for sunbathing and ventilation, while closing them provides full shade and protection from rain and UV rays.
- **Privacy Curtains and Netting:** The included privacy curtains can be drawn for seclusion or tied back to enjoy an open view. The breathable mesh netting helps to keep insects away while maintaining airflow.
- **Integrated Drainage System:** The louvered roof is designed with an integrated drainage system. Rainwater is

channeled through built-in gutters and down the posts to the ground, preventing water accumulation on the roof.



Figure 4: Adjustable Louvers Design

Aluminium Louvered Roof

Two areas can be adjusted independently

- Open to create an open-air space for sunbathing

- Close to keep out the sun, rain and UV rays

Figure 5: Louvered Roof in Open and Closed Positions



Keep Ventilation
360° View Scenery



Keep Out of Bugs
High Density Netting



Privacy Protection
Concealed Curtains



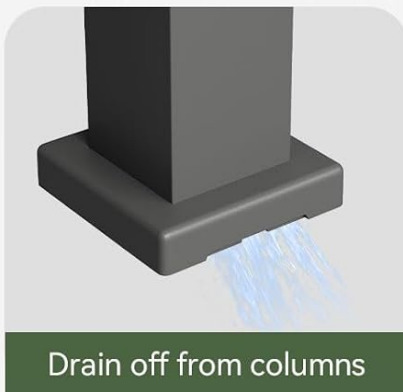
Figure 6: Ventilation, Netting, and Privacy Curtains

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



Figure 7: Integrated Drainage System

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Video 2: Aoxun Outdoor Aluminum Louvered Pergola Overview. This video highlights the key features and design of the pergola, including its adjustable louvers and aluminum structure.

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Video 3: Aoxun Louvered Pergola Outdoor with Adjustable Louvers. This video demonstrates the functionality of the adjustable louvered roof, showing how to control sunlight and shade.

Maintenance

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

- **Cleaning the Frame:** Clean the aluminum frame with a soft cloth, mild soap, and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish. Rinse thoroughly with clean water.
- **Cleaning Curtains and Netting:** The curtains and netting can be spot cleaned with mild soap and water. For deeper

cleaning, follow any specific care instructions provided with the fabric. Ensure they are completely dry before storing or tying back for extended periods to prevent mildew.

- **Drainage System:** Periodically check the integrated drainage system for blockages from leaves or debris. Clear any obstructions to ensure efficient water runoff.
- **Louver Mechanism:** Inspect the louver adjustment mechanism for smooth operation. If needed, apply a silicone-based lubricant to moving parts, avoiding oil-based lubricants that can attract dirt.
- **Anchoring:** Annually check the anchor bolts to ensure they remain tight and secure. Re-tighten if necessary.

Troubleshooting

- **Louvers not adjusting smoothly:** Check for any obstructions in the louver mechanism or tracks. Ensure no debris is caught between the louvers. Apply a silicone lubricant if the mechanism feels stiff.
- **Water pooling on the roof:** Verify that the louvers are fully closed during rain. Inspect the integrated drainage system for any blockages in the gutters or downspouts within the posts. Clear any debris.
- **Curtains or netting sticking:** Clean the tracks or guides where the curtains/netting slide. Ensure there are no tears or damage to the fabric that could cause snagging.
- **Pergola feels unstable:** Immediately check all anchor points and ensure the pergola is securely fastened to the ground. Re-tighten all bolts and connections. If instability persists, discontinue use and consult the manufacturer.

Warranty Information

This Aoxun Louvered Pergola is covered by a manufacturer's warranty. Please refer to the warranty card included with your product packaging for specific terms, conditions, and duration. Keep your proof of purchase for any warranty claims.

Customer Support

For further assistance, missing parts, or technical support, please contact Aoxun customer service. Refer to the contact information provided in your product packaging or visit the official Aoxun website.

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