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> Garvee 10x10ft Louvered Pergola Instruction Manual

## Garvee GSMXssjJGJEDqPpE1WMeMgn5Q

# Garvee 10x10ft Louvered Pergola Instruction Manual

Model: GSMXssjJGJEDqPpE1WMeMgn5Q

## 1. IMPORTANT SAFETY INFORMATION

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Please read and understand all instructions and safety warnings before assembly and use of this product. Failure to follow these instructions may result in injury or damage to the product.

- Always follow the assembly instructions provided.
- Ensure the pergola is securely anchored to a stable foundation to prevent it from tipping over in strong winds or during heavy snow loads.
- Keep children and pets away from the assembly area to prevent injuries.
- Do not climb on the pergola or its components.
- Regularly inspect all connections and components for tightness and damage.

## 2. PRODUCT OVERVIEW

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The Garvee 10x10ft Louvered Pergola is designed to provide a versatile outdoor living space with adjustable shade and integrated drainage. It features a robust aluminum construction for durability and weather resistance.



Image 2.1: Garvee 10x10ft Louvered Pergola in a backyard setting.

### Key Features:

- **All-Weather Aluminum Construction:** Crafted with a heavy-duty aluminum frame and powder-coated metal louvers for superior resistance to rust, UV damage, and corrosion.
- **Fully Adjustable Louvered Roof:** Louvers can be adjusted from 0° to 90° using a smooth hand crank, allowing control over sunlight and airflow.
- **Integrated Drainage System:** A concealed gutter system directs rainwater from the louvers into integrated columns and discreetly drains it at the base, preventing pooling.
- **Enhanced Stability:** Reinforced frame and pre-drilled bases ensure stability on various surfaces, capable of withstanding strong winds and snow loads.

## 3. ASSEMBLY INSTRUCTIONS

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Assembly requires at least two people. Ensure all parts are present before beginning. Refer to the included parts list for identification.

### **3.1. Preparation**

1. Unpack all components and lay them out on a clean, flat surface.
2. Verify all parts against the packing list. Contact customer support if any parts are missing or damaged.
3. Gather necessary tools (not included): wrench, level, measuring tape, drill (if anchoring to concrete).

### **3.2. Frame Assembly**

1. Assemble the main support posts and crossbeams according to the diagrams in your specific assembly guide. Ensure all bolts are finger-tight initially.
2. Once the basic frame is upright and stable, tighten all bolts securely. Do not overtighten.

### **3.3. Louver Installation**

1. Install the louver panels into the designated slots on the crossbeams.
2. Connect the hand crank mechanism to the louver system as per the detailed instructions. Test the mechanism to ensure smooth operation.

### **3.4. Anchoring the Pergola**

For maximum stability and safety, the pergola must be securely anchored to the ground.



Image 3.1: Secure the pergola base with expansion screws for stability.

1. Position the pergola in its desired location.
2. Mark the positions for the pre-drilled bases on your deck, patio, or concrete surface.
3. Use the included expansion screws or appropriate anchoring hardware for your specific surface type.
4. Ensure all four posts are firmly secured to prevent movement.

#### **4. OPERATING INSTRUCTIONS**

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## 4.1. Adjusting the Louvered Roof

The louvered roof allows you to control the amount of sunlight and ventilation. Use the hand crank to adjust the louvers.

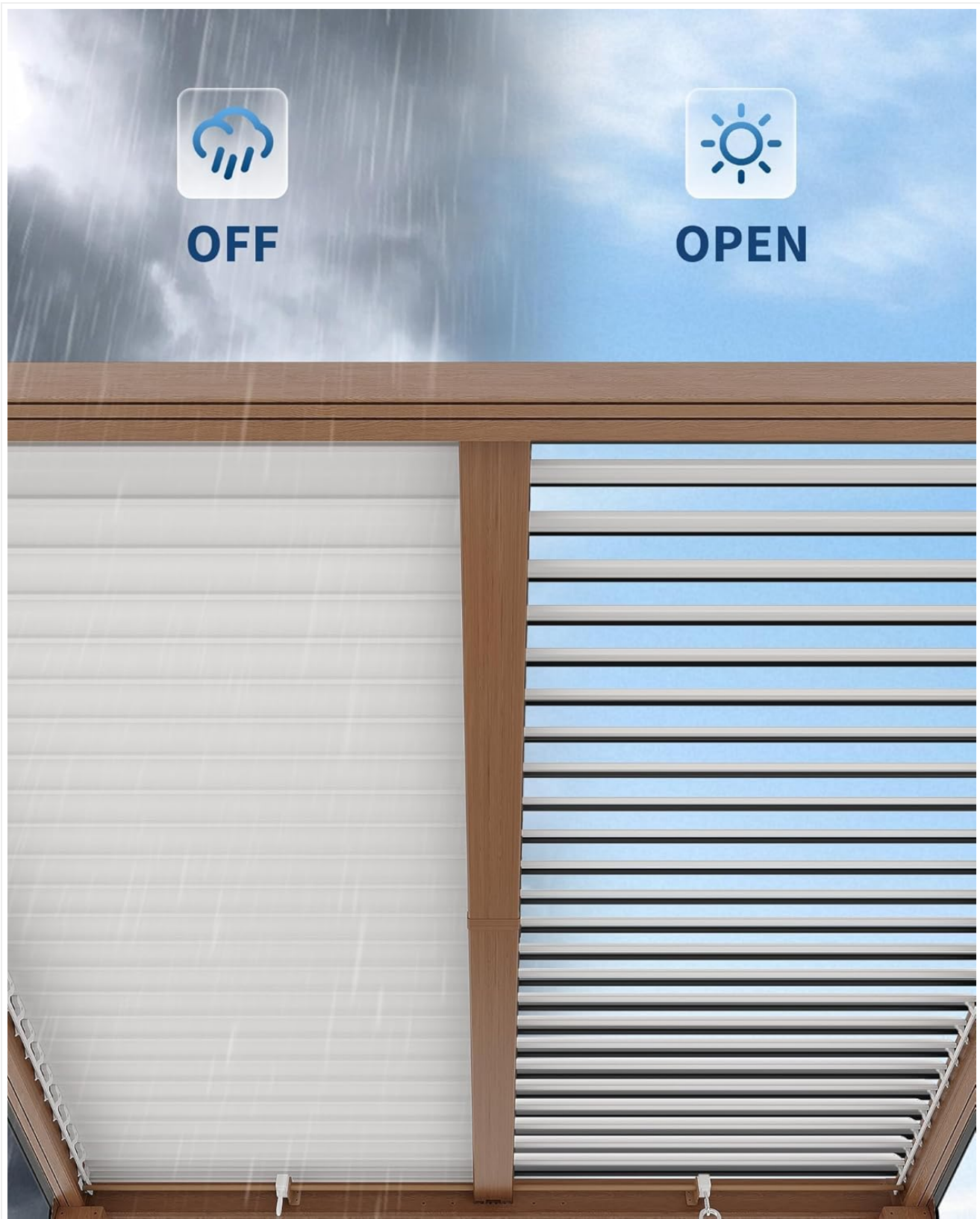


Image 4.1: Louvered roof demonstrating open and closed positions.

- **To Open:** Turn the hand crank in the direction indicated to open the louvers. This allows sunlight and air to pass through.
- **To Close:** Turn the hand crank in the opposite direction to close the louvers. This provides full shade and protection from rain.

- You can adjust the louvers to any angle between 0° (fully open) and 90° (fully closed) to achieve your desired level of shade and ventilation.

## 4.2. Integrated Drainage System

The pergola features a built-in drainage system to manage rainwater effectively.



Image 4.2: Diagram illustrating the integrated rainwater drainage system.

- When the louvers are closed during rain, water will flow into the concealed gutters.
- The water is then directed down through the interior of the pergola's support columns.

- Rainwater exits discreetly at the base of the columns, preventing pooling on the roof or around the pergola.

## 5. MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your Garvee Louvered Pergola.

- **Cleaning:** Clean the aluminum frame and louvers periodically with mild soap and water. 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.
- **Hardware Inspection:** Annually inspect all bolts, screws, and connections to ensure they remain tight. Retighten if necessary.
- **Louver Mechanism:** Ensure the hand crank mechanism operates smoothly. If it becomes stiff, apply a silicone-based lubricant to moving parts (avoid oil-based lubricants that can attract dirt).
- **Winter Care:** In areas with heavy snowfall, it is recommended to keep the louvers open to prevent snow accumulation, which can put excessive stress on the structure. Clear heavy snow from the roof promptly.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Louvers are difficult to adjust.	Debris in mechanism, lack of lubrication, bent louver.	Clean mechanism, apply silicone lubricant, inspect for damage.
Water pooling on the roof.	Louvers not fully closed, drainage channels blocked.	Ensure louvers are fully closed. Clear debris from gutters and columns.
Pergola feels unstable or wobbly.	Anchoring bolts loose, improper installation.	Check and tighten all anchoring bolts. Ensure proper installation on a level surface.
Squeaking noises during louver adjustment.	Friction in moving parts.	Apply silicone-based lubricant to the louver pivot points and crank mechanism.

## 7. SPECIFICATIONS

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Detailed specifications for the Garvee 10x10ft Louvered Pergola.

# PRODUCT SIZE



Image 7.1: Product dimensions of the Garvee 10x10ft Louvered Pergola.

Feature	Detail
Brand	Garvee
Model Number	GSMXssjJGJEDqPpE1WMeMgn5Q
Material	Aluminum, Metal

Feature	Detail
Style	Modern
Product Dimensions (L x W x H)	114.96" x 114.96" x 88.18"
Item Weight	269.9 Pounds
Frame Material	Aluminum
Water Resistance Level	Water Resistant
UV Protection	No UV Protection
Assembly Required	Yes
Number of Items	1
Color	Wood Grain
Floor Area	100 Square Feet

## 8. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Garvee is committed to providing quality products and customer satisfaction.

If you have any questions, require assistance with assembly, or need to report missing/damaged parts, please contact Garvee customer support through the retailer's platform or the official Garvee website.