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Model: 10x13 ft Aluminum Pergola

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions and safety warnings before assembling, operating, or maintaining this product. Failure to follow these instructions may result in injury or property damage.

- **Secure Installation:** Always secure the pergola to a stable foundation to prevent tipping. Use appropriate anchoring methods for your specific ground type (e.g., concrete, wood deck).
- **Assembly:** Follow the provided assembly instructions carefully. Ensure all components are correctly installed and tightened before use. It is recommended to have at least two adults for assembly.
- **Weather Conditions:** Retract the canopy during strong winds, heavy rain, or snow to prevent damage to the pergola structure and canopy fabric.
- **Clearance:** Ensure adequate clearance around the pergola for safe operation of the retractable canopy and to prevent obstruction.
- **Inspection:** Regularly inspect all parts for wear, damage, or loose connections. Replace damaged parts immediately.
- **Children and Pets:** Keep children and pets away from the pergola during assembly and operation.

2. PACKAGE CONTENTS

Before beginning assembly, ensure all parts listed in your product's packing list are present and undamaged. If any parts are missing or damaged, please contact customer service immediately.

Typical components include:

- Aluminum frame beams (various lengths and shapes for posts, crossbars, and canopy supports)
- Retractable canopy fabric
- Mounting plates and anchors
- Screws, bolts, and other fasteners

- Canopy rollers and pull strap
- Decorative end caps



Figure 2.1: Overview of the Garvee 10x13 ft Aluminum Pergola with Retractable Canopy.

3. ASSEMBLY INSTRUCTIONS

Assembly requires careful attention to detail and is best performed by two or more adults. Refer to the detailed visual guide provided with your product for specific step-by-step instructions. The following provides a general overview of the assembly process.

3.1 Frame Assembly

1. **Connect Horizontal Beams:** Lay out the horizontal beams on a flat, stable surface. Use the provided connectors and screws to join the beam sections, forming the perimeter of the pergola frame. Ensure all screws are securely tightened.
2. **Attach Vertical Posts:** Connect the vertical support posts to the assembled horizontal frame using the designated brackets and fasteners. Ensure the posts are oriented correctly according to the manual.
3. **Install Crossbars and Rollers:** Attach the crossbars that will support the retractable canopy. Install the canopy rollers onto these crossbars, ensuring they move freely within their tracks.
4. **Secure Base Plates:** Attach the base plates to the bottom of each vertical post. These plates are crucial for anchoring the pergola.

REINFORCED STRUCTURE

Upgrade additional beams to enhance load-bearing capacity and stability.



Figure 3.1: Detail of the reinforced structure, highlighting the connection points for enhanced stability.



UPGRADED BASE COLUMN DESIGN

Reinforced on all four sides for comprehensive stability
increasing stability by 50%

Figure 3.2: Close-up of the 4-side anchored base column design, showing secure fastening points.

3.2 Canopy Installation

1. **Attach Canopy Fabric:** Carefully unroll the retractable canopy fabric. Attach the fabric to the rollers and the main frame according to the instructions, ensuring it is evenly distributed and aligned.
2. **Insert Support Rods:** Slide the support rods through the designated pockets in the canopy fabric. These rods help maintain the canopy's shape and facilitate smooth retraction.
3. **Install Pull Strap:** Attach the pull strap to the leading edge of the canopy for easy operation.

3.3 Final Placement and Anchoring

Once the frame and canopy are assembled, carefully move the pergola to its desired location. It is crucial to anchor the pergola securely to the ground or a solid surface to prevent movement or tipping, especially in windy conditions. Drilling into concrete or a sturdy deck may be required. Use appropriate anchor bolts (not always included) for your specific installation surface.

3.4 Assembly Video Guide

Your browser does not support the video tag.

Video 3.1: Official Garvee assembly guide for the Outdoor Pergola with Retractable Canopy. This video demonstrates the step-by-step process of constructing the pergola frame, installing the canopy, and securing the structure.

4. OPERATING INSTRUCTIONS

The Garvee Aluminum Pergola features an easy-to-use retractable canopy for adjustable shade.

4.1 Extending the Canopy

1. Locate the pull strap attached to the leading edge of the canopy.
2. Gently pull the strap to extend the canopy forward along its tracks until it reaches the desired position.
3. To secure the canopy in the extended position, insert the provided pins into the designated holes on the frame, passing them through the canopy's eyelets. Ensure both sides are securely pinned.

4.2 Retracting the Canopy

1. Remove the securing pins from both sides of the canopy.
2. Gently push the canopy back along its tracks towards the retracted position. The canopy will fold neatly.
3. Once fully retracted, use the central strap to tie and secure the folded canopy, preventing it from unfurling unintentionally.



Figure 4.1: The retractable canopy in its fully retracted position, secured by a strap.

5. MAINTENANCE

Regular maintenance will extend the life and appearance of your Garvee Aluminum Pergola.

- **Cleaning the Frame:** Clean the aluminum frame 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.

- **Cleaning the Canopy:** The waterproof canopy can be cleaned with a soft brush or sponge using mild soap and water. Allow it to air dry completely before retracting or storing. Do not machine wash or tumble dry.
- **Hardware Check:** Periodically check all screws, bolts, and fasteners to ensure they are tight. Re-tighten as necessary.
- **Canopy Mechanism:** Ensure the canopy rollers and tracks are free from debris. Lubricate moving parts if necessary with a silicone-based lubricant to maintain smooth operation.
- **Winter Storage:** In areas with heavy snow or extreme winter conditions, it is recommended to remove the canopy fabric and store it indoors to prevent damage.

6. TROUBLESHOOTING

If you encounter issues with your pergola, refer to the following common solutions:

Problem	Possible Cause	Solution
Canopy difficult to extend/retract	Debris in tracks, rollers stuck, misaligned fabric.	Clean tracks, check rollers for smooth movement, ensure fabric is correctly aligned and not snagged. Lubricate tracks if needed.
Pergola feels unstable	Loose anchor bolts, improper foundation, uneven ground.	Check and tighten all anchor bolts. Ensure the pergola is on a level and stable surface. Re-anchor if necessary.
Water pooling on canopy	Canopy not taut, improper slope.	Ensure the canopy is fully extended and secured tightly. Check for proper tension and adjust if possible.
Missing or damaged parts during assembly	Shipping damage, packaging error.	Do not proceed with assembly. Contact Garvee customer service immediately for replacement parts.

7. SPECIFICATIONS

Feature	Detail
Brand	Garvee
Model	10x13 ft Aluminum Pergola
Material	Aluminum frame, UPF 50+ waterproof canopy
Product Dimensions (L x W x H)	58.66"L x 18.9"W x 8.27"H <i>(Note: These dimensions typically refer to packaging; actual assembled pergola is 10x13 ft)</i>
Item Weight	84.11 Pounds
Water Resistance Level	Water Resistant
Ultraviolet Light Protection	Yes (UPF 50+)
Assembly Required	Yes
UPC	199414146302
ASIN	B0FFH4963M

OUTDOOR PERGOLA

10FT x 13FT

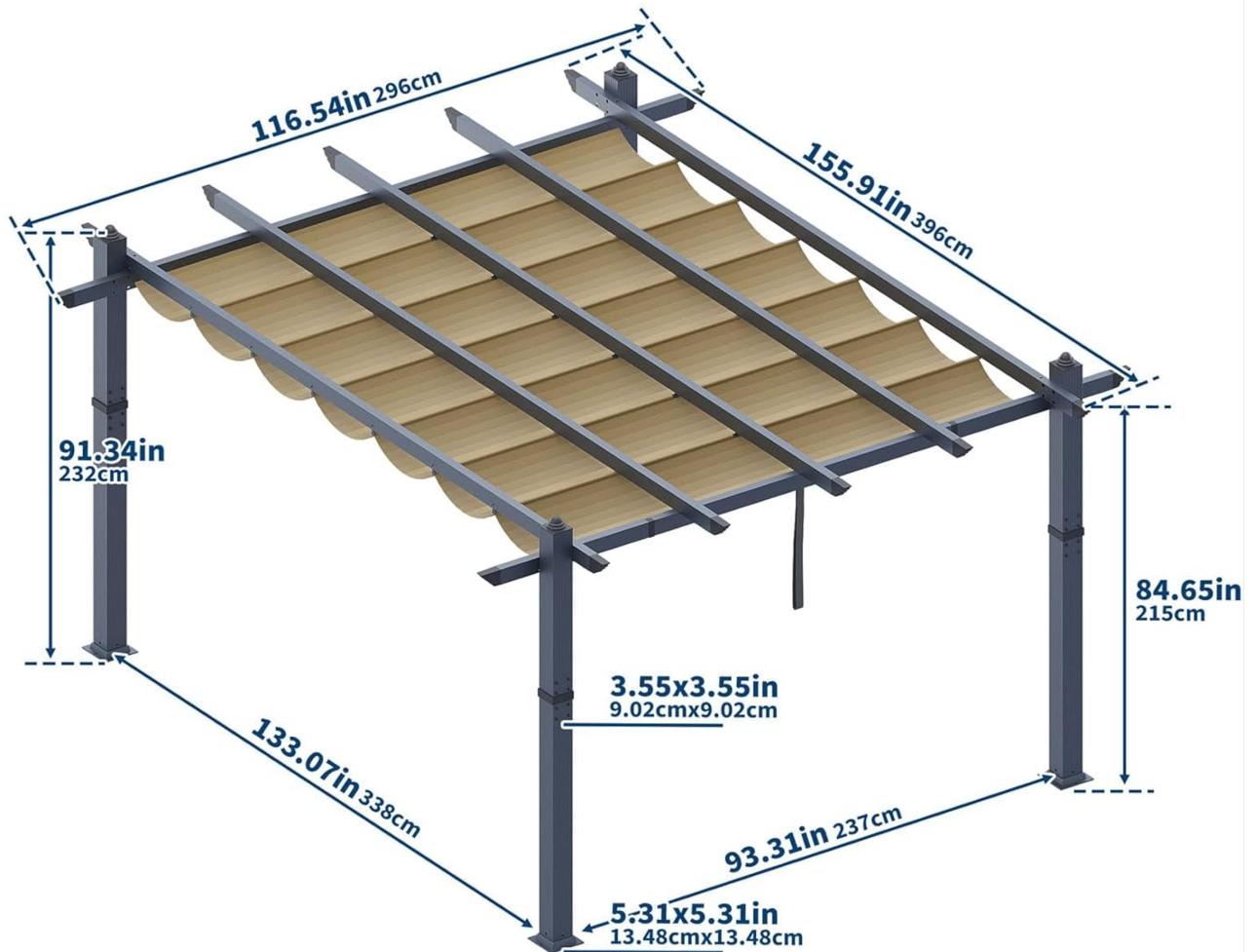


Figure 7.1: Detailed dimensions of the Garvee 10x13 ft Aluminum Pergola.

8. WARRANTY AND CUSTOMER SUPPORT

For any questions regarding assembly, operation, missing parts, or warranty claims, please contact Garvee customer service. Refer to your purchase documentation for specific warranty details and contact information.

"If you find any parts missing or damaged, please contact customer service without hesitation."