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MELLCOM 10x20

MELLCOM Louvered Pergola 10x20 Woodgrain - Instruction Manual

Model: 10x20

INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your MELLCOM 10x20 Louvered Pergola. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

SAFETY INFORMATION

Important: Ensure adequate time and caution during assembly. Be aware of the product's weight and size during moving or assembly. Refer to this manual for specific assembly instructions and weight limits. Secure the pergola to a stable foundation. Avoid misuse or improper handling of product components. Regularly inspect the product for any signs of wear or damage.

- Always use appropriate safety gear during assembly (e.g., gloves, eye protection).
- Ensure the assembly area is clear of obstructions and hazards.
- Do not attempt to assemble the pergola alone. A minimum of three people is recommended.
- Verify all connections are secure before use.
- Do not hang heavy objects from the pergola frame or louvers.
- In extreme weather conditions (heavy winds, snow), it is recommended to open the louvers to prevent damage.

PACKAGE CONTENTS

Your MELLCOM Louvered Pergola is shipped in multiple boxes (typically 6). Please verify that all components are present and undamaged before beginning assembly. Refer to the packing list included in your shipment for a detailed inventory of parts.



Figure 1: Product delivery in multiple boxes.

ASSEMBLY INSTRUCTIONS

Assembly typically requires 2-4 hours with 3 people. Follow these steps carefully for proper installation.

1. Unboxing and Part Identification

Carefully unbox all components. All parts are covered with protective film; please remove it before assembly. Identify each part using the labels and the included parts list.

WOOD GRAIN EXTERIOR ALUMINUM INTERIOR



Our Product

Aluminum with Wood Grain



Others

Ordinary Aluminum/Wood



Figure 2: Wood-look aluminum finish on pergola components.

2. Connecting Bases and Posts

Attach the base plates to the bottom of each vertical post using the provided screws. Ensure a secure connection.

3. Assembling Beams

Connect the horizontal beams. Do not fully tighten all screws until the entire frame is assembled to allow for minor adjustments.

4. Inserting Hooks into Curtain Track

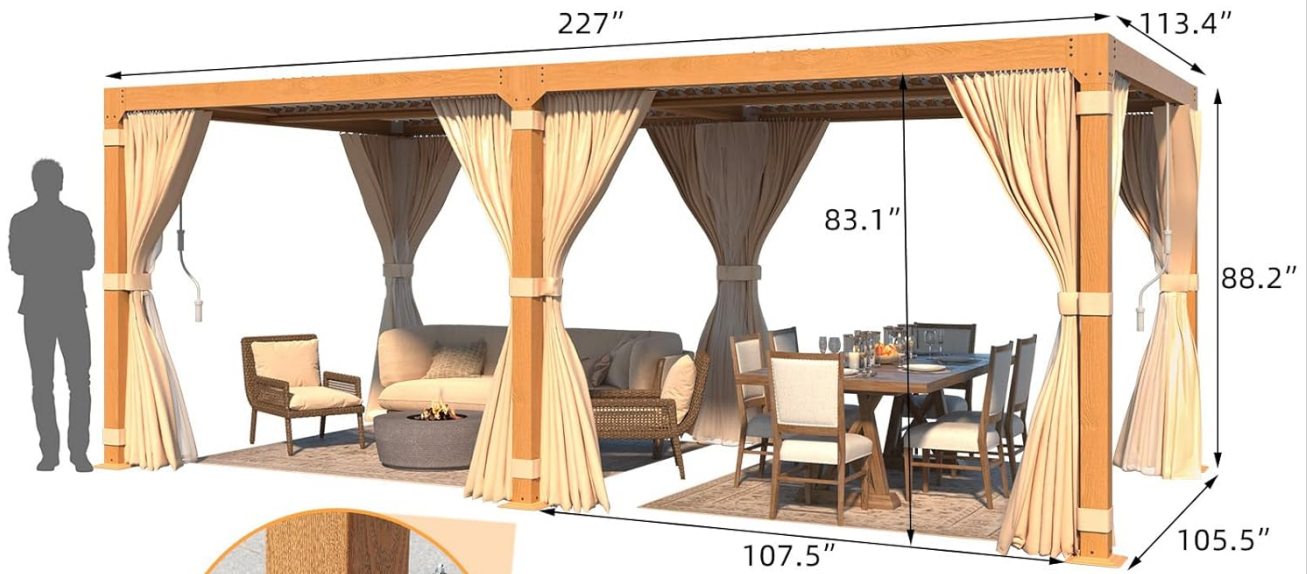
Insert the curtain hooks into the designated tracks on the beams. This step is easier to complete before the beams are fully elevated.

5. Assembling the Frame

With assistance, raise the posts and connect them to the assembled beams to form the main pergola frame. Secure all connections, ensuring the frame is level and square.

DIMENSION

10*20FT



Expansion Screws Included



Figure 3: Overall dimensions and assembly overview.

6. Applying Sealant

Apply the provided sealant to all seams and joints to ensure waterproofing. Allow 24 hours for the adhesive to cure undisturbed.

7. Attaching Corner Brackets

Install the corner brackets to reinforce the frame connections. Ensure they are tightly secured.

VERSATILE USE ▶

Unobstructed Views & Increased Natural Light ▶



◀ Insect Protection & Filtered Light

Protection from Elements Enhanced Privacy ▶



Figure 4: Reinforced corner design and sturdy anchoring plates.

8. Installing the Louvers

Carefully place each louver panel into its designated position on the roof frame. Ensure they are properly aligned and secured according to the detailed instructions in the separate assembly guide.

9. Installing Curtains and Mosquito Netting

Hang the curtains and mosquito netting onto the pre-installed hooks in the tracks. Ensure they can move freely.

10. Curtain Tiebacks

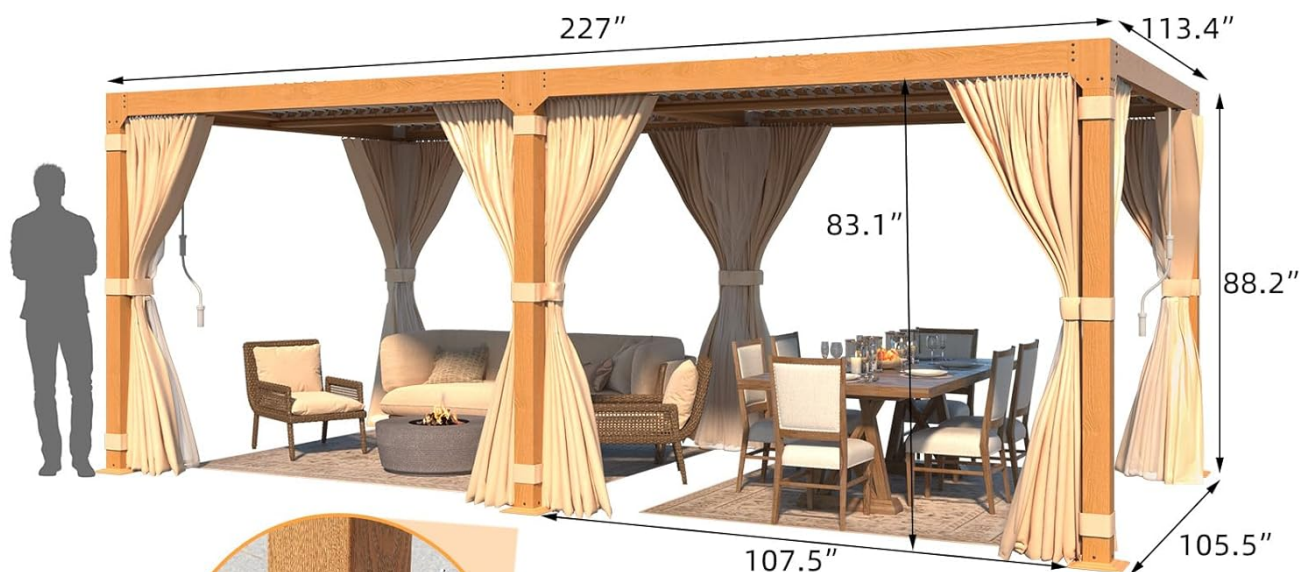
Utilize the integrated straps and tiebacks to secure the curtains and netting to the posts, preventing them from flying in strong winds.

11. Securing the Pergola

Use the included expansion screws to anchor the pergola bases to your chosen stable foundation (e.g., concrete patio). This is crucial for stability and safety.

DIMENSION

10*20FT



Expansion Screws Included



6 Boxes



3-Person
Assembly



2-4 hours

Figure 5: Expansion screws are included for securing the pergola to the ground.

Assembly Video

For a visual guide to the assembly process, please refer to the official MELLCOM assembly video below. Note: This video demonstrates a 10x12 model, but the assembly principles are similar for the 10x20 model.

Your browser does not support the video tag.

Video 1: Official MELLCOM 10x12 Wood Grain Louvered Pergola Assembly Video. This video provides a step-by-step visual guide for assembling a similar louvered pergola model.

OPERATING INSTRUCTIONS

Adjusting the Louvered Roof

The pergola features 4 independently controlled louvered roof sections. Use the durable crank handles and winding mechanisms to adjust the direction of the louvers. This allows you to transition between an open roof for sun exposure, a partially open roof for filtered light, or a fully closed roof for complete shade and rain protection.

ADJUSTABLE LOUVERED ROOF

4 independently operable louver sections cater to a variety of shading and weather protection needs.



Figure 6: Adjustable louvered roof for versatile shading and weather protection.

When fully closed, the louvered roof provides a waterproof barrier, directing rainwater into the internal drainage system.

Using Curtains and Nets

The detachable curtains and nets offer protection against insects, rain, and provide privacy. They can be easily drawn open or closed along the tracks. Use the integrated straps to secure them to the posts when not in use or to prevent movement in windy conditions.



Figure 7: Versatile use with curtains and nets for light, insect protection, and privacy.

MAINTENANCE

The MELLCOM Louvered Pergola is designed for low maintenance. Regular care will ensure its longevity and appearance.

- **Cleaning:** Clean the aluminum frame and louvers with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Fabric Care:** Curtains and nets can be spot cleaned with mild soap and water. For deeper cleaning, follow specific care instructions provided with the fabric components. Ensure they are dry before storing or closing for extended periods to prevent mildew.
- **Inspection:** Periodically check all screws, bolts, and connections to ensure they remain tight. Re-tighten as necessary.
- **Drainage System:** Ensure the concealed drainage channels within the legs are free from debris (leaves, dirt) to allow for efficient water evacuation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Water dripping from roof when closed.	Incomplete sealing during assembly; debris in drainage channels; extreme weather conditions.	Ensure all seams are properly sealed with waterproof sealant. Clear any debris from the internal drainage system. In very heavy downpours, minor drips may occur.
Louvers difficult to adjust.	Mechanism stiff; debris obstructing movement.	Apply a silicone-based lubricant to the moving parts of the louver mechanism. Check for and remove any debris.
Pergola feels unstable.	Loose connections; inadequate anchoring.	Check and tighten all screws and bolts on the frame. Ensure the pergola is securely anchored to a solid foundation using the provided expansion screws.
Curtains/nets not moving smoothly.	Debris in track; hooks misaligned.	Clean the curtain tracks of any dirt or debris. Realign any misaligned hooks.



Figure 8: Internal drainage system for efficient rainwater management.

SPECIFICATIONS

Feature	Detail
Brand	MELLCOM
Model	10x20 Louvered Pergola
Material	Aluminum
Style	Modern
Product Dimensions (L x W x H)	227"L x 114"W x 89"H
Item Weight	465 Pounds
Water Resistance Level	Waterproof
UV Protection	True
Assembly Required	Yes
Color	Woodgrain

WARRANTY INFORMATION

Specific warranty details are not provided in this manual. Please refer to your purchase documentation or contact MELLCOM customer support for information regarding warranty coverage. The product typically includes a 30-day refund/replacement policy.

CUSTOMER SUPPORT

For further assistance, missing parts, or technical support, please contact MELLCOM customer service through the platform where you purchased the product or visit the official MELLCOM store page.

MELLCOM Store: [Visit the MELLCOM Store on Amazon](#)