

MELLCOM 12x20FT Louvered Pergola with 6-Panel Pull-Down Screen

MELLCOM 12x20FT Louvered Pergola with 6-Panel Pull-Down Screen Instruction Manual

Model: 12x20FT Louvered Pergola with 6-Panel Pull-Down Screen

Brand: MELLCOM

1. INTRODUCTION

Thank you for choosing the MELLCOM 12x20FT Louvered Pergola. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your new outdoor structure. Please read all instructions carefully before assembly and use.

Safety Information

- Assembly requires a minimum of three people and typically takes 3-6 hours.
- Ensure all components are present and undamaged before beginning assembly. Contact customer support immediately if any parts are missing or damaged.
- Install the pergola on a flat, solid surface using the provided expansion anchor bolts for stability.
- Do not attempt to assemble or operate the pergola in strong winds or adverse weather conditions.

2. SETUP AND ASSEMBLY

The MELLCOM 12x20FT Louvered Pergola is designed for straightforward assembly. Follow the detailed instructions provided in the packaging. For visual guidance, an assembly video is available.

Assembly Video

Your browser does not support the video tag.

This video demonstrates the assembly process for a MELLCOM Louvered Pergola. While the video shows a 12x16FT model, the general assembly steps are applicable to the 12x20FT model.

Anchoring

The pergola is equipped with pre-drilled bases and includes expansion anchor bolts for secure installation. Ensure the pergola is anchored to a flat, solid surface to withstand wind and other environmental factors. The robust aluminum frame is designed for wind resistance up to 60-90 MPH.

12*20FT

STURDY DURABLE SLEEK

8.1' 10.8' 11.7' 9' 19.3' 7.6' 9'

5.9"

7.5" 7.5"

12*20FT PRODUCT DIMENSION

Transform Outdoor Space Into Retreat

Image: Close-up view of the pergola's base, highlighting the durable anchoring plates designed for secure installation.

3. OPERATING INSTRUCTIONS

Louvered Roof Control

The adjustable louvered roof allows you to control sunlight and weather protection. Use the crank handles to adjust the louvers from 0° (fully open) to 135° (fully closed). The roof vanes are evenly split (50/50), allowing independent control over each half of the pergola for customized exposure to sun or shade.

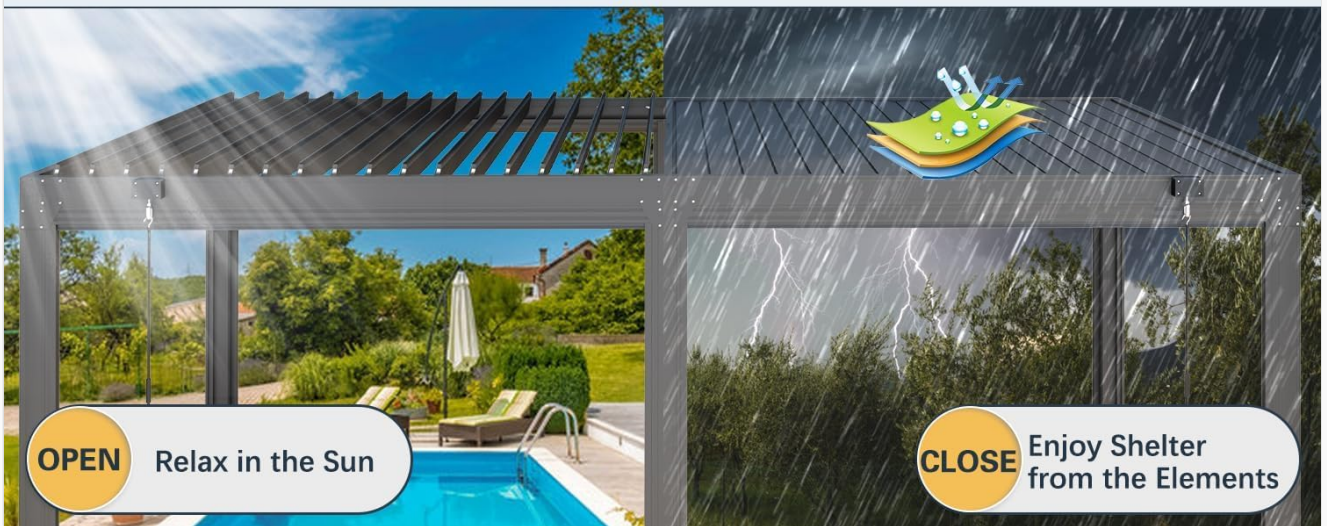


Detachable Handle to Adjust the Position of the Louvers



MANUAL LOUVERED ROOFS

Enjoy a Fully Weatherproof Space in Moments with 2 Independent Roof Louvers.



OPEN Relax in the Sun

CLOSE Enjoy Shelter from the Elements

Image: Illustration of the manual louvered roof system, showing a detachable handle for adjustment and the difference between open (relax in sun) and closed (shelter from elements) positions.

Pull-Down Screen Operation

The pergola features six versatile pull-down screen panels that offer protection from wind, rain, and sunlight while providing privacy. The screens are slightly transparent to allow light through and protect from UV rays. To operate, effortlessly lower the screen to your desired height using the integrated spring-loaded runners. To retract, manually lift the screen upward for smooth retraction into its casing.

Effortlessly Adjustable Pull-Down Screen

Compared to traditional curtains and nettings, our screen panel maintains a stylish appearance while also offering convenient operation.

FULLY OPEN:

Keep Ventilated

Ventilation



CUSTOMIZE SIDE SHADE:

Keep Direct Sun Away



Shade



FULLY CLOSE:

Protect Privacy

Privacy



Image: Three panels illustrating the functionality of the pull-down screen: fully open for ventilation, partially lowered for customized side shade, and fully closed for privacy.

Built-in Drainage System

The pergola includes a built-in drainage system to manage rainwater. When the louvered roof is closed, rainwater flows from the louvers into internal guttering channels. This water is then directed through the pergola's legs to the ground, preventing drips onto your patio furniture and ensuring comfort.



Image: A detailed diagram illustrating the pergola's built-in drainage system, showing rainwater collection by louvers, horizontal flow through the framework, and vertical discharge through the legs.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MELLCOM pergola.

Drainage System Cleaning

Regularly inspect and clear the drainage channels of any leaves, debris, or other obstructions. Blockages can cause rainwater to overflow, potentially damaging the pergola or surrounding area. Ensure water can flow freely through the channels and out the legs.



Adjustable Louvered Pergola 12 x 20FT

Bask in the Sun/Seek Shade/Find Shelter from the Rain/Stargaze at Night.

SHOP NOW →



Image: A close-up view of the pergola's internal structure, emphasizing the importance of keeping drainage channels clear to prevent water accumulation.

Wind Protection

In anticipation of or during strong wind conditions, it is recommended to open the louvered roof and raise the pull-down screens. This reduces wind resistance and minimizes the risk of damage to the pergola structure.

Multi-functional Outdoor Oasis Options



Dining Space



Bar Area



Outdoor Cinema



Sheltered Hot Tub

*The outside legs of the frame are always required and cannot be removed.

Image: A view of the louvered roof in an open position, illustrating how this configuration helps to mitigate wind impact.

General Cleaning

Clean the aluminum frame and screen panels periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish or materials.

5. TROUBLESHOOTING

- **Unclear Assembly Instructions:** While efforts are made to provide clear instructions, some steps may require careful interpretation. Refer to the assembly video for additional visual guidance. If you encounter persistent difficulties, contact MELLCOM customer support.
- **Damaged or Missing Parts:** Inspect all components upon delivery. If any parts are damaged during shipping or are missing, do not proceed with assembly. Contact MELLCOM customer support immediately for replacements.

- **Assembly Time Exceeds Estimate:** The estimated assembly time of 3-6 hours with three or more people is an average. Actual time may vary based on experience and conditions. Ensure you have adequate time and assistance.
- **Water Accumulation on Louvers:** If water accumulates on the louvers after rain, open them very slowly to allow any standing water in the troughs to drain before fully opening. This prevents water from dripping onto the area below.

6. SPECIFICATIONS

Feature	Detail
Brand	MELLCOM
Material	Aluminum
Style	Modern
Product Dimensions (L x W x H)	231.6" x 140.4" x 97.2"
Item Weight	711 Pounds
Water Resistance Level	Waterproof
Shape	Rectangular
Ultraviolet Light Protection	100%
Assembly Required	Yes
Color	Dark Gray
Wind Resistance	60-90 MPH

7. WARRANTY AND SUPPORT

MELLCOM is committed to providing high-quality products. For any questions regarding your pergola, including assembly, operation, or parts, please do not hesitate to contact MELLCOM customer support. While specific warranty details are not provided in this manual, please refer to your purchase documentation or contact MELLCOM directly for warranty information.

You can typically find contact information for MELLCOM on their official website or through the retailer where you purchased the product.



