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## MELLCOM 12x20 Galvanized Steel Roof

# MELLCOM 12x20 Gazebo with Adjustable Galvanized Steel Roofs Instruction Manual

Model: 12x20 Galvanized Steel Roof

## 1. INTRODUCTION

Thank you for choosing the MELLCOM 12x20 Gazebo. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your new outdoor structure. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

This gazebo features a robust aluminum frame and adjustable galvanized steel roof panels, designed to provide a versatile outdoor living space. Its durable construction ensures longevity and resistance to various weather conditions.



**MELLCOM**

**12 x 20ft**

Hardtop Gazebo with  
Adjustable Roof

Image 1.1: The MELLCOM 12x20 Hardtop Gazebo with its adjustable roof, providing a comfortable outdoor space.

## 2. SAFETY INFORMATION

**WARNING:** Failure to follow these safety instructions may result in injury or damage to the product.

- Ensure all parts are received and accounted for before beginning assembly. Do not attempt to assemble with missing or damaged parts.
- Assemble and secure the gazebo to a stable, level foundation. Proper anchoring is crucial to prevent the structure from being blown over in high winds. This gazebo is designed to withstand winds up to 60 MPH when properly secured.
- Always follow the assembly instructions carefully. Incorrect assembly can compromise the structural integrity of the gazebo and lead to potential hazards.
- Keep children and pets away from the assembly area to prevent accidents.
- Use appropriate safety gear, such as gloves and eye protection, during assembly.
- Do not hang heavy objects from the gazebo frame or roof panels.
- In areas with heavy snowfall, it is recommended to clear snow from the roof to prevent excessive weight buildup, which could damage the structure.

## 3. PACKAGE CONTENTS

The MELLCOM 12x20 Gazebo is shipped in 7 separate boxes. Before starting assembly, unpack all boxes and verify that all components listed in the parts diagram (typically found in a separate assembly guide) are present and undamaged. If any parts are missing or damaged, contact customer support immediately.

## 4. SETUP AND ASSEMBLY

Assembly of the MELLCOM 12x20 Gazebo requires at least two adults and typically takes several hours. Refer to the detailed assembly manual included with your product for step-by-step instructions, diagrams, and a complete parts list. The following provides a general overview:

1. **Site Preparation:** Choose a level and stable location for your gazebo. Ensure adequate clearance around the structure.
2. **Frame Assembly:** Begin by assembling the main aluminum frame. The posts are constructed from thickened aluminum (3.2x3.2 inches) for enhanced stability.
3. **Roof Structure:** Install the aluminum support tubes and beams that form the base for the roof panels.
4. **Roof Panel Installation:** Carefully install the galvanized steel roof panels onto the frame. Ensure they are correctly aligned for proper adjustment and water drainage.
5. **Anchoring:** Securely anchor the gazebo to your chosen foundation using appropriate hardware (not always included, check your specific package). This is critical for wind resistance.

# STURDY & INDEPENDENT STRUCTURE

for All-Weather Durability

All 3.2x3.2-inch Thick Aluminum Posts



Freestanding Design—Place It Anywhere



Reinforced Structure with Aluminum Tubes



Withstands Winds Up to 60 MPH



Image 4.1: Details of the sturdy and independent aluminum frame structure, highlighting its durability and wind resistance.

# 12X20 FT GAZEBO DIMENSIONS

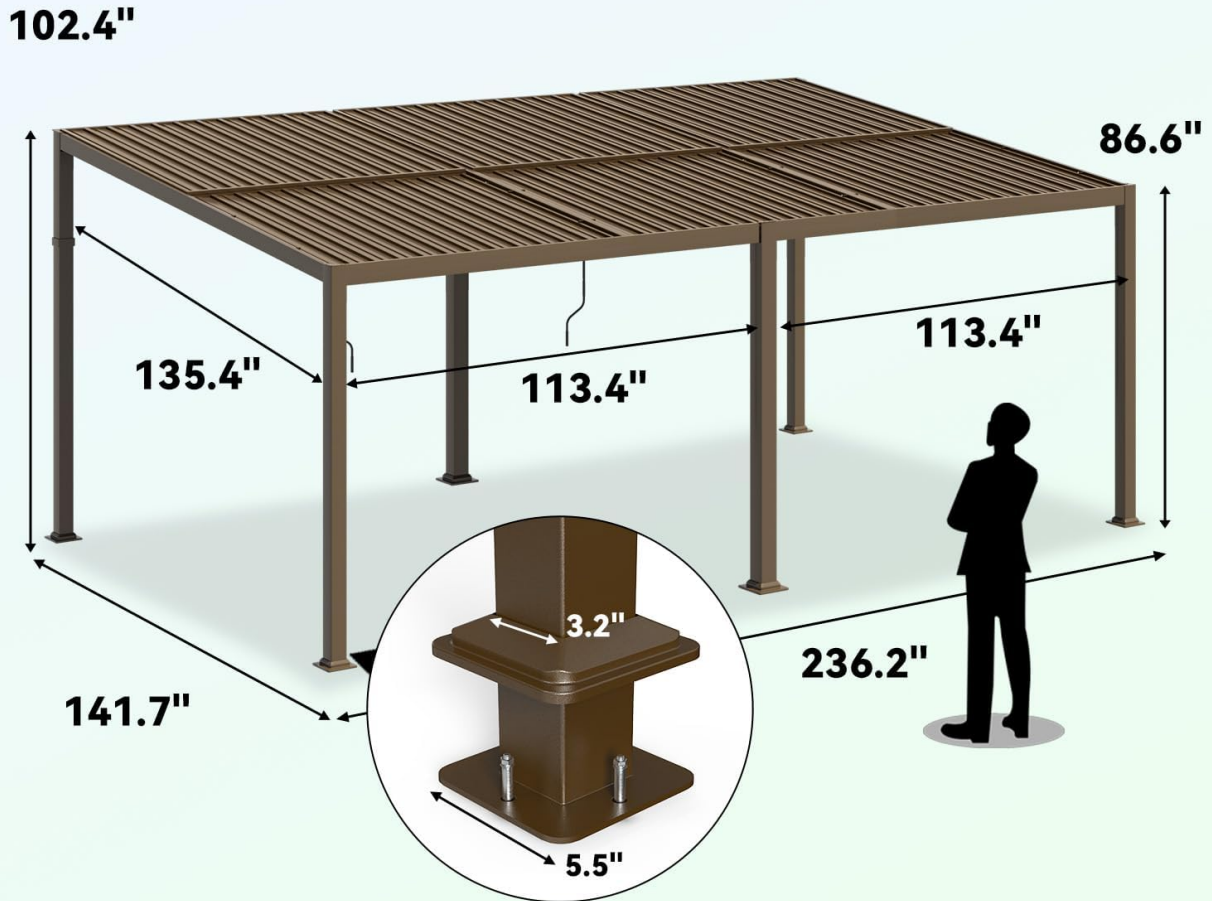


Image 4.2: Dimensional overview of the 12x20 FT gazebo, illustrating its overall size and structural post thickness.

## FREESTANDING GAZEBO DESIGN

The all-aluminum posts and sturdy hidden ground nails allow the gazebo to stand independently.

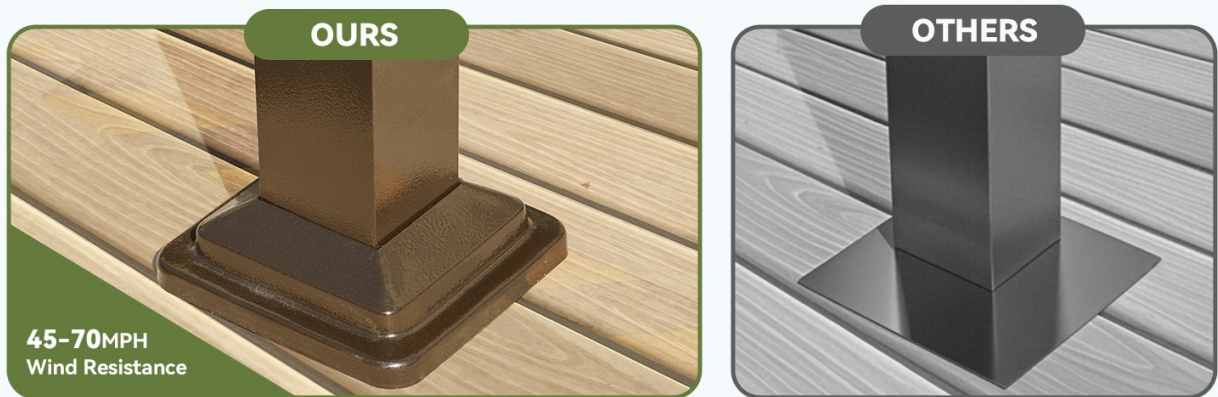


Image 4.3: Illustration of the freestanding gazebo design, highlighting its stability and wind resistance compared to other designs.

## 5. OPERATING INSTRUCTIONS

The MELLCOM 12x20 Gazebo features three independently adjustable galvanized steel roof panels, allowing you to control sunlight and airflow.

- **Adjusting Roof Panels:** Use the provided removable crank handle to slide the roof panels open or closed. Each of the three panels can be adjusted independently.
- **Open Position:** Slide panels fully open to enjoy maximum sunlight and an open-air experience, ideal for stargazing or ample ventilation.
- **Partially Open Position:** Adjust panels to a partially open position to create a balance of shade and airflow, suitable for comfortable daytime use.
- **Closed Position:** Slide panels fully closed for complete shade and protection from light rain or harsh sun. The sloped roof design with integrated gutters ensures efficient water drainage when closed.



### 3 MOVABLE ROOF PANELS

3 Versatile panels easily slide open and closed for customizable airflow and sunlight control, enhancing comfort and adaptability in outdoor spaces

Image 5.1: Illustration of the three movable roof panels, demonstrating their adjustable functionality for light and air control.

Image 5.2: Detail of the removable crank handle mechanism for adjusting the sliding roof panels.



## SUNNY

Provides shade, filters natural light, creates a cozy atmosphere for gatherings.



## SNOWY

Sturdy construction withstands snow weight, prevents buildup.

*Image 5.3: The gazebo's performance in both sunny and snowy conditions, highlighting its versatility and robust design.*

## 6. MAINTENANCE

Regular maintenance will extend the life and appearance of your MELLCOM gazebo.

- **Cleaning the Frame:** Clean the aluminum frame periodically 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 Roof Panels:** The galvanized steel roof panels are rust-resistant and easy to clean. Use a soft brush or cloth with mild soap and water to remove dirt, leaves, and debris. Rinse well.
- **Gutter Maintenance:** Regularly inspect and clear the integrated gutters of any leaves, twigs, or other debris to ensure proper water drainage. Blocked gutters can lead to water buildup on the roof.
- **Hardware Check:** Periodically check all bolts, screws, and fasteners to ensure they are tight. Tighten any loose hardware to maintain structural integrity.
- **Winter Care:** While the galvanized steel roof is designed for durability, in regions with heavy snowfall, it is advisable to gently remove accumulated snow to prevent excessive load on the structure.

# GALVANIZED STEEL ROOF



UV Protection



Rust-proof



Structural Strength



Noise Reduction



Image 6.1: A detailed view of the galvanized steel roof construction.



## GALVANIZED STEEL ROOF



Light Transmission



UV Protection



Rust-proof



Insulation

Image 6.2: Key features of the galvanized steel roof, including UV protection, rust resistance, and insulation.

## 7. TROUBLESHOOTING

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

- **Roof Panels Not Sliding Smoothly:**

*Possible Cause:* Debris in the tracks or misaligned panels.

*Solution:* Clean the tracks thoroughly. Check for any obstructions. Ensure panels are correctly seated in their guides. Apply a silicone-based lubricant if necessary.

- **Water Accumulation on Roof:**

*Possible Cause:* Gutters are blocked or roof panels are not fully closed.

*Solution:* Clear any debris from the integrated gutters. Ensure all roof panels are fully closed and properly aligned to allow water to flow into the gutters and off the structure.

- **Gazebo Feels Unstable:**

*Possible Cause:* Loose anchoring or uneven ground.

*Solution:* Verify that the gazebo is securely anchored to a stable foundation. Check all frame connections and tighten any loose bolts. Ensure the ground beneath the gazebo is level.

- **Noise During Wind:**

*Possible Cause:* Loose roof panels or frame connections.

*Solution:* Inspect all roof panel connections and frame bolts. Tighten any loose hardware.

## 8. SPECIFICATIONS

Feature	Detail
Brand	MELLCOM
Model	12x20 Galvanized Steel Roof
Roof Material	Galvanized Steel
Frame Material	Aluminum
Style	Modern
Product Dimensions (L x W x H)	236.2" x 141.7" x 102.4"
Item Weight	423 Pounds
Water Resistance Level	Water Resistant
UV Protection	Yes
Assembly Required	Yes
Wind Resistance	Up to 60 MPH (when properly secured)

## **9. WARRANTY INFORMATION**

MELLCOM products are manufactured to high-quality standards. For specific warranty details regarding your 12x20 Gazebo, please refer to the warranty card included in your packaging or visit the official MELLCOM website. Keep your proof of purchase for any warranty claims.

## **10. CUSTOMER SUPPORT**

If you have any questions, require assistance with assembly, or need to report missing or damaged parts, please contact MELLCOM customer support. Refer to your product packaging or the MELLCOM website for the most current contact information.

We are committed to providing excellent service and support for your MELLCOM product.