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Model: 12'x16' Hardtop Gazebo

1. PRODUCT OVERVIEW

The MELLCOM 12'x16' Hardtop Gazebo is designed to provide a durable and elegant outdoor living space. Featuring a wood-grain aluminum frame and a galvanized steel double roof, this permanent metal pavilion offers protection from the elements and enhances your patio, backyard, deck, or lawn area.

Key features include a fade-resistant and rust-resistant roof capable of withstanding heavy snow and wind, a double-top design for ventilation, and a professional water gutter system for efficient drainage. The gazebo also comes with a double-track system for curtains and nettings, along with hooks for hanging lights and fans.



Figure 1: MELLCOM 12'x16' Hardtop Gazebo

2. SAFETY INFORMATION

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

- **Anchoring:** Ensure the gazebo is securely anchored to the ground or a solid surface. The pre-drilled bases are designed for various outdoor situations. Proper anchoring is crucial to prevent wind damage.
- **Weather Conditions:** While designed to withstand heavy snow and wind, extreme weather conditions may require additional precautions. In severe weather, it is advisable to remove curtains and nettings and ensure all components are tightly secured.
- **Assembly:** Assembly requires at least 2-3 people. Do not attempt to assemble alone. Wear appropriate safety gear, such as gloves and eye protection.
- **Weight Capacity:** The top roof has a hanging weight capacity of up to 33 lbs for lights and fans. Do not exceed this limit.
- **Inspection:** Regularly inspect all bolts, screws, and connections to ensure they remain tight and secure. Check for any signs of wear or damage to the frame, roof panels, curtains, or netting.

3. PACKAGE CONTENTS

The MELLCOM 12'x16' Hardtop Gazebo is shipped in 6 boxes and includes all necessary hardware and an installation manual. Before beginning assembly, verify that all parts listed in the manual are present and undamaged. If any parts are missing or damaged, contact customer support immediately.

Typical components include:

- Wood-grain aluminum frame posts and beams
- Galvanized steel roof panels (double-top design)
- Curtains and nettings with binding belts
- Hardware (bolts, screws, washers, nuts)
- Anchoring plates
- U & J hooks for accessories

4. SETUP AND ASSEMBLY

Assembly is estimated to take approximately 5 hours for 2-3 people. Follow the detailed steps in the provided installation manual. The following tips may assist in the process:

1. **Preparation:** Clear the assembly area. Lay out all parts and hardware, ensuring they are easily accessible.
2. **Frame Assembly:** Assemble the main frame structure first. Keep bolts loose during initial assembly to allow for flexibility and alignment. Tighten all bolts only after the entire frame is correctly aligned and squared.
3. **Roof Panel Installation:** Roof panel clips and corresponding hardware can be challenging. It is recommended to secure the bottom of each panel joint first to hold the previous panel in place. This prevents clips from detaching while working on subsequent panels. Use a thin screwdriver to help align panels through bolt holes if needed.
4. **Anchoring:** Do not anchor the legs until the gazebo is fully assembled and positioned. This allows for necessary flex and adjustment to ensure the structure is square before permanent anchoring. Use appropriate anchor bolts for your specific ground surface (e.g., concrete, wood deck).
5. **Curtains and Nettings:** Install the double-track system for curtains and nettings. Ensure they slide smoothly.

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Video 1: Assembly overview of the gazebo, showing the structure being built.



Great Shade



Good Waterproof



Large Space

Figure 2: Gazebo Dimensions

SHOP NOW

Gazebo Details

Sturdy Triangular Structure:

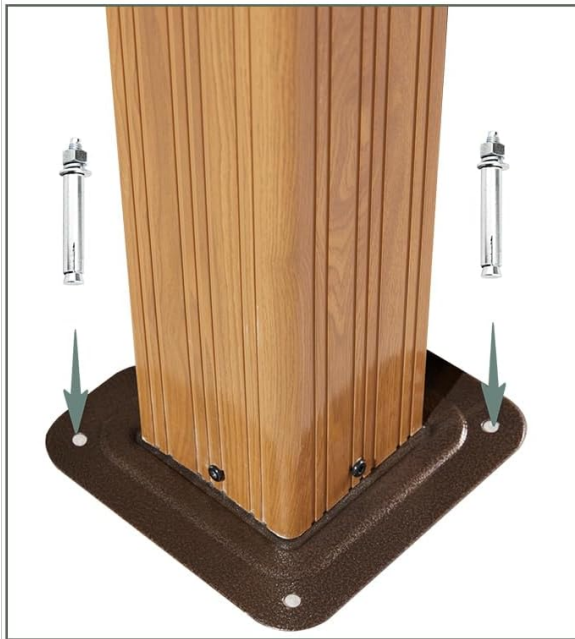
Ensure overall stability



Stable



Durable



Anchoring Plates:

Pre-drilled holes for easy mounting and fixing



Sturdy



Antiseptic

Figure 3: Sturdy Triangular Frame and Anchoring Plates

5. OPERATING INSTRUCTIONS

Your MELLCOM gazebo is designed for ease of use and comfort.

- **Curtains and Nettings:** The double-track system allows you to easily slide both the privacy curtains and insect nettings independently. Use the three binding belts provided for each post to bundle any layer as desired, offering flexibility for privacy, insect protection, or an open feel.
- **Accessory Hooks:** Utilize the 'U' and 'J' hooks located on the top roof to hang lights, fans, or other decorative items. Ensure the total weight does not exceed 33 lbs.
- **Water Gutter System:** The integrated water gutter design directs rainwater from the edge of the roof into the posts and down to the ground, ensuring efficient drainage and preventing water accumulation on the roof.

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Video 2: Overview of the assembled gazebo, showcasing its features and spacious interior.



Figure 4: Curtains, Nettings, and Hooks

6. MAINTENANCE

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

- **Frame:** The wood-grain aluminum frame is designed to be antiseptic and rust-proof. Clean with mild soap and water. Avoid abrasive cleaners that could damage the finish.
- **Roof:** The galvanized steel double roof is fade-resistant and rust-resistant. Periodically clean the roof to remove leaves, debris, and dirt. Ensure the water gutter system remains clear of blockages. Some users have found sealing seams during construction helpful to prevent minor water seepage.
- **Curtains and Nettings:** These are made from high-quality 180g/M2 polyester waterproof fabric. Clean as needed with mild soap and water. For prolonged lifespan, especially during winter or severe weather, consider removing and storing them indoors.
- **Hardware:** Periodically check all bolts and screws for tightness. Re-tighten as necessary to maintain structural integrity.



Figure 5: Gazebo in Winter and Summer Conditions

7. TROUBLESHOOTING

Below are common issues and their potential solutions:

- **Difficulty with Roof Panel Clips:** Ensure panels are correctly aligned before attempting to secure clips. Work systematically, securing one section before moving to the next to prevent previous clips from popping off.
- **Water Seepage:** Minor water seepage along main trusses can occur. Applying silicone sealant to seams during assembly can help prevent this. Ensure the water gutter system is clear.
- **Bent or Dented Pieces:** If parts arrive bent or dented, carefully attempt to straighten them if it does not compromise structural integrity. For significant damage, contact customer support for replacement parts.
- **Missing Parts:** If any parts are missing from the boxes, refer to the package contents list and contact customer support with the specific part numbers.
- **Holes Not Aligning:** During assembly, keep bolts loose until the entire section is aligned. This allows for minor adjustments. A skinny screwdriver can be used to gently shimmy panels into alignment.

8. SPECIFICATIONS

Attribute	Value
Brand	MELLCOM
Model	12'x16' Hardtop Gazebo
Material	Metal, Aluminum, Galvanized Steel, Wood-Looking
Frame Material	Alloy Steel, Aluminum, Iron, Wood
Roof Material	Galvanized Steel
Color	Wood-Looking
Product Dimensions	182.4 x 134.4 x 118.8 inches
Floor Area	192 Square Feet
Item Weight	356.5 Pounds
Water Resistance Level	Waterproof
Ultraviolet Light Protection	Yes
Assembly Required	Yes

9. WARRANTY AND SUPPORT

MELLCOM stands behind the quality of its products. For specific warranty details, please refer to the warranty card included with your product or visit the official MELLCOM website. The warranty typically covers manufacturing defects but may not cover damage resulting from improper assembly, misuse, or natural disasters.

If you encounter any issues, require replacement parts, or have questions regarding your gazebo, please contact MELLCOM customer service. Many customers have reported positive experiences with prompt and helpful support.

Contact Information: Refer to your product packaging or the MELLCOM brand store on Amazon for the most current customer support contact details.