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› Aoxun 12' x 16' Permanent Hardtop Gazebo User Manual

Aoxun G30006

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Model: G30006

1. INTRODUCTION

Thank you for choosing the Aoxun 12' x 16' Permanent Hardtop Gazebo. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your new outdoor structure. Designed with a galvanized steel double roof, a robust aluminum frame, and integrated curtains and netting, this gazebo offers a comfortable and protected space for various outdoor activities.

Please read these instructions thoroughly before beginning assembly and retain this manual for future reference.



Figure 1.1: The Aoxun 12' x 16' Permanent Hardtop Gazebo, showcasing its spacious design and integrated features in an outdoor patio environment.

2. IMPORTANT SAFETY INFORMATION

To ensure safe operation and prevent injury or damage, adhere to the following safety guidelines:

- **High Winds:** In conditions of high winds, it is crucial to secure the curtains to prevent fluttering and potential damage to the gazebo or surrounding property.
- **Ceiling Hooks:** Do not exceed a weight of 25 pounds on the ceiling hooks. Overloading can lead to structural failure and injury.
- **Assembly:** Always follow the assembly instructions precisely. Ensure all bolts and fasteners are securely tightened before use.
- **Location:** Choose a level and stable surface for installation. Avoid placing the gazebo near open flames, power lines, or other hazards.

- **Snow Accumulation:** While the roof is designed to handle snow, heavy accumulation should be cleared promptly to prevent excessive stress on the structure.

3. PARTS LIST

Before beginning assembly, verify that all parts listed in your product packaging are present and undamaged. A complete list of components and hardware is provided in the included assembly guide. Key components include:

- Aluminum Frame Sections (Columns, Beams, Braces)
- Galvanized Steel Roof Panels
- Curtains (180g polyester)
- Netting (Mosquito Net)
- Hardware (Bolts, Screws, Washers, Nuts)
- Decorative Elements (Corner pieces, Ceiling hooks)

Refer to the detailed parts diagram in your separate assembly manual for specific part numbers and quantities.

Sturdy Aluminum Frame

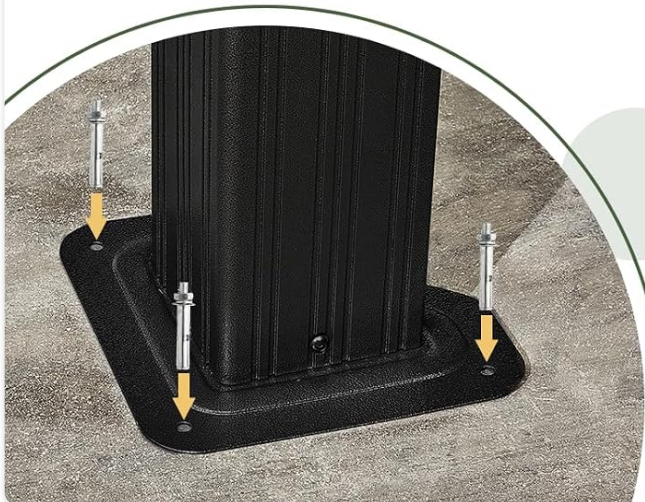


Interpon AkzoNobel Powder Coating

Interpon AkzoNobel powder coating meets environmental requirements and has good adhesion

Solid Triangular Structure

The four columns are constructed with the strongest tripod structure to ensure the sturdy top cover is durable



Anchoring Frame

Anchoring bracket with drilled holes for easy attachment of any type of floor and secure mounting

Figure 3.1: Illustration of the sturdy aluminum frame, highlighting the Interpon AkzoNobel powder coating, solid triangular structure, and anchoring frame for enhanced stability.

4. SETUP AND ASSEMBLY

Assembly of the Aoxun Hardtop Gazebo requires careful attention to detail. It is recommended to have at least two people for assembly. Follow the steps below, referring to the official assembly video for visual guidance.

4.1 Assembly Steps Overview

1. **Part Verification:** Unpack all components and verify against the parts list provided in your packaging.
2. **Base Assembly:** Begin by assembling the base frame components, including the corner brackets and side rails. Ensure all connections are secure.
3. **Column and Beam Installation:** Attach the main columns and horizontal beams, securing them with the provided hardware.
4. **Roof Frame Construction:** Assemble the roof support structure, including the main roof beams and upper roof

supports.

5. **Roof Panel Installation:** Carefully place and secure the galvanized steel roof panels onto the assembled roof frame.
6. **Ventilation and Hooks:** Install the ventilation mesh and ceiling hooks for lighting or decoration.
7. **Curtain and Netting Attachment:** Attach the curtains and netting to the designated tracks, ensuring smooth operation.

Your browser does not support the video tag.

Video 4.1: Official Aoxun 12' x 16' Permanent Hardtop Gazebo Assembly Guide. This video provides a step-by-step visual demonstration of the entire assembly process.



Figure 4.2: Detail of the anchoring frame, designed for easy and sturdy installation to various surfaces using expansion bolts.

5. OPERATING YOUR GAZEBO

Your Aoxun gazebo is designed for ease of use and versatility, allowing you to adapt your outdoor space to different needs and weather conditions.

5.1 Curtains and Netting

The gazebo features both privacy curtains and mosquito netting. These can be operated independently to provide shade, privacy, or protection from insects. Simply slide them along their respective tracks. When not in use, the curtains can be tied back to the columns.



Figure 5.1: The curtains and netting offer flexible options for airflow, insect protection, and sun shade, allowing for fully-open, half-open, or fully-closed configurations.

Wind Resistance for Different Installations

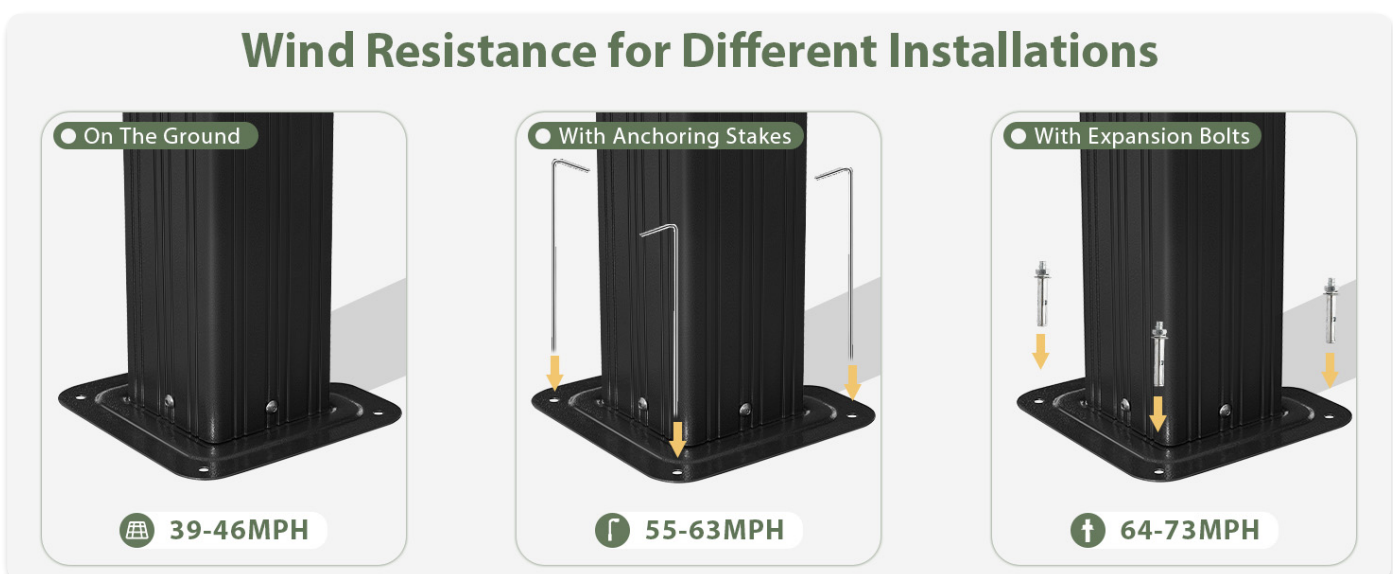


Figure 5.2: Visual representation of the gazebo's three operational modes: fully-open, half-open with netting, and fully-closed with curtains for maximum privacy and protection.

5.2 Drainage System

The galvanized steel double roof is equipped with a professional drainage system. This design allows rainwater to flow efficiently from the edge of the gazebo top into the poles and then to the ground, preventing water accumulation and ensuring the longevity of the structure.

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Video 5.3: Demonstration of the Hardtop Gazebo's efficient drainage system, showing how water is channeled away from the roof.

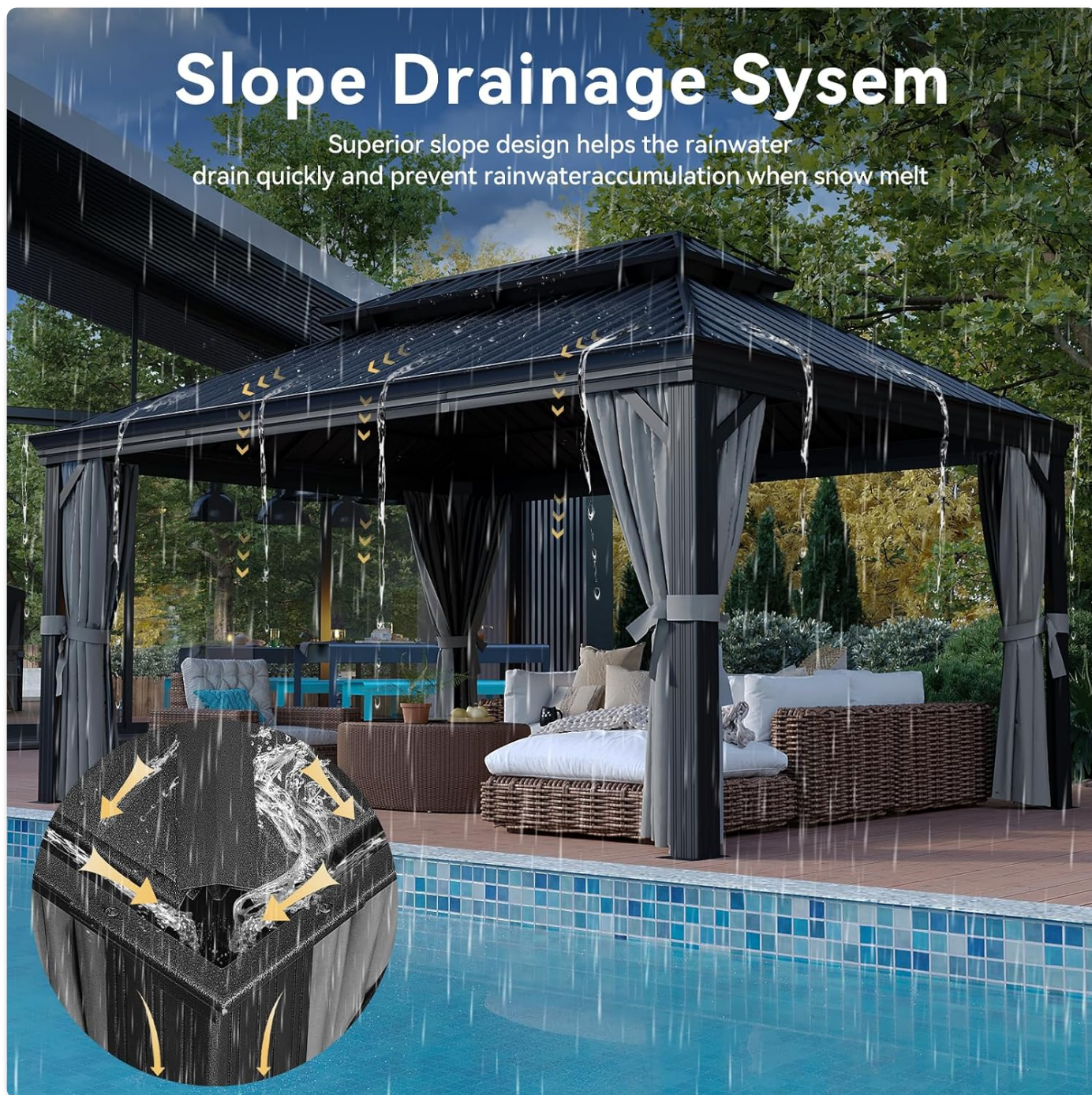


Figure 5.4: The superior slope design of the roof facilitates quick rainwater drainage, preventing accumulation and maintaining the gazebo's condition.

6. MAINTENANCE

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

- **Cleaning:** Clean the frame and roof panels with a mild soap and water solution. Rinse thoroughly with clean water and dry with a soft cloth. Avoid abrasive cleaners or harsh chemicals.
- **Curtains and Netting:** The polyester curtains and netting can be spot cleaned with mild soap and water. For deeper cleaning, follow the care instructions on the fabric tags. Ensure they are completely dry before storing or closing for extended periods to prevent mildew.
- **Fasteners:** Periodically check all bolts and screws to ensure they remain tight. Re-tighten as necessary to maintain structural integrity.
- **Seasonal Care:** While designed for all-weather use, it is advisable to clear heavy snow accumulation from the roof to prevent excessive load. In extremely high winds, consider securing or temporarily removing curtains and netting.



Figure 6.1: The gazebo's robust construction allows for use in various weather conditions, with a roof capable of withstanding up to 6 inches of snow and wind resistance up to 64-73 mph with proper anchoring.

7. TROUBLESHOOTING

If you encounter any issues with your gazebo, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Water accumulation on roof	Debris in drainage system; improper panel alignment.	Clear any debris from gutters. Check roof panel alignment and re-secure if necessary.
Gazebo feels unstable	Loose fasteners; uneven ground; insufficient anchoring.	Tighten all bolts and screws. Ensure installation on a level surface. Use appropriate anchoring methods for your ground type.
Curtains/Netting not sliding smoothly	Track obstruction; damaged hooks.	Inspect tracks for debris and clear. Check curtain hooks for damage and replace if needed.

For issues not covered here or if problems persist, please contact Aoxun customer support.

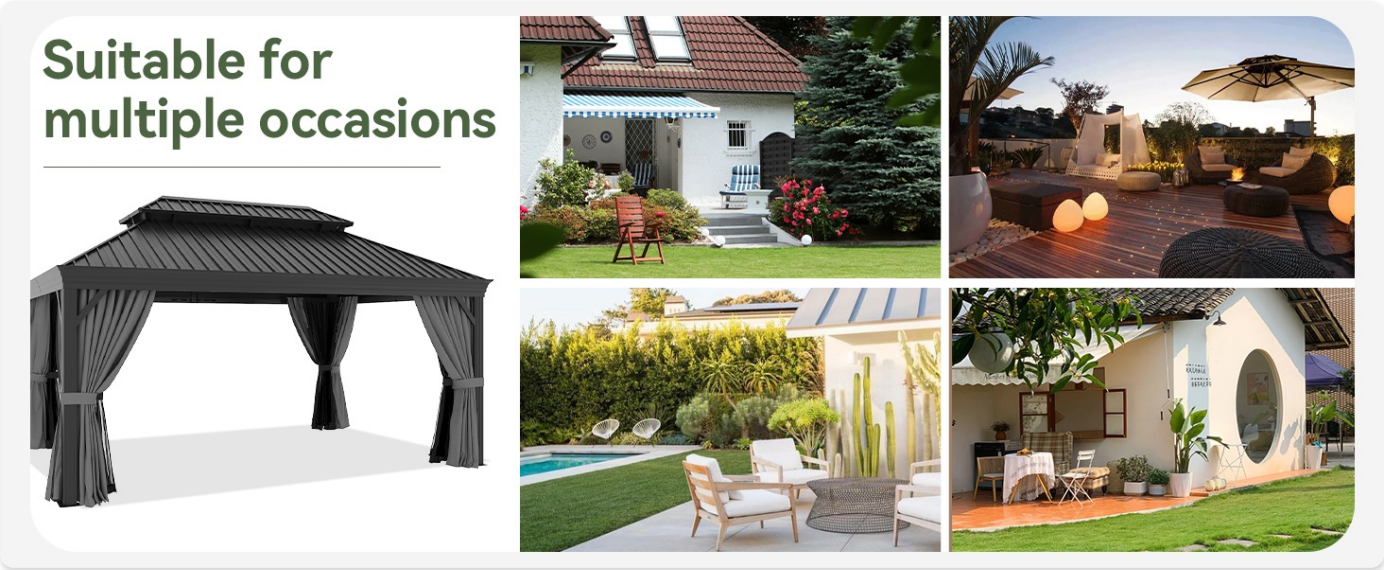


Figure 7.1: Wind resistance varies based on installation method: 39-46 MPH on the ground, 55-63 MPH with anchoring stakes, and 64-73 MPH with expansion bolts.

8. SPECIFICATIONS

- **Brand:** Aoxun
- **Model Number:** G30006
- **Dimensions:** 190.16"L x 142.91"W x 120.87"H (12' x 16' nominal)
- **Material:** Aluminum Frame, Galvanized Steel Double Roof
- **Color:** Gray
- **Item Weight:** 445 Pounds
- **Water Resistance Level:** Waterproof
- **UV Protection:** 99% (UPF 50+)
- **Occupancy:** 5-8 People
- **Snow Loading Depth:** Up to 6 inches exceptional snow loading depth
- **Wind Resistance:** 64-73 mph (with expansion bolts)

Product Size

acxun



6 packages

16FTX12FT

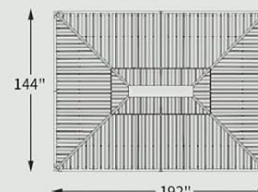
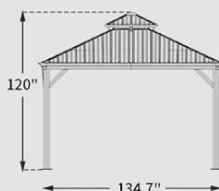
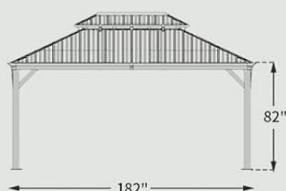
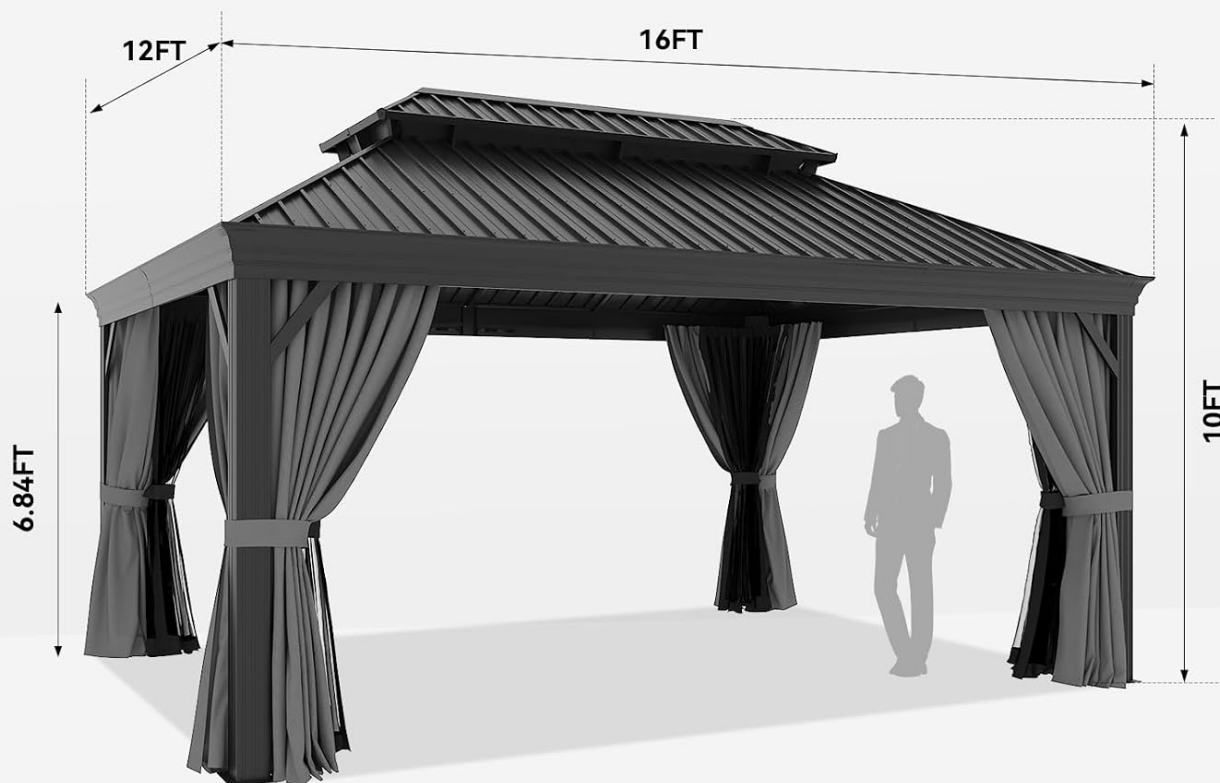


Figure 8.1: Detailed product size diagram, illustrating the overall dimensions of the 16FT x 12FT gazebo.

ALL WEATHER USE

It can withstand various harsh weather conditions.

Anti-UV

Water-proof

Figure 8.2: Comparison highlighting the wider width and larger volume of Aoxun columns (4.7"x4.7") compared to other brands, improving strength and durability.

9. WARRANTY AND SUPPORT

Aoxun is committed to providing high-quality products and customer satisfaction.

- **Returns:** This product is eligible for 30-day easy returns. Please refer to the retailer's return policy for detailed information.
- **Customer Support:** For any questions, concerns, or assistance with your Aoxun gazebo, please contact Aoxun Direct customer support.

We value your feedback and are dedicated to improving our products based on customer experiences.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What are the exact bolt-down dimensions for the Aoxun 12' x 16' Permanent Hardtop Gazebo (Model G30006) so I can add blocking to my deck joists?

Based on the technical specifications for the Aoxun 12' x 16' Permanent Hardtop Gazebo (Model G30006), the overall exterior dimensions are 190.16" L x 142.91" W. The columns themselves are 4.7" x 4.7" square. While...

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