

Outsunny 84C-582V00CG

Outsunny 10' x 16' Wall-Mounted Pergola Canopy Instruction Manual

Model: 84C-582V00CG | Brand: Outsunny

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1. PRODUCT OVERVIEW

The Outsunny 10' x 16' Wall-Mounted Metal Patio Canopy is designed to provide a shaded outdoor space, seamlessly extending your indoor living area. This pergola features a weather-resistant 180gsm polyester roof with drainage holes to prevent water accumulation, ensuring protection from light rain. Its robust powder-coated metal frame offers enhanced stability and durability. Designed to lean against a wall, this pergola kit is suitable for placement near a deck, backyard, garden, porch, or beach area, creating an ideal spot for relaxation, dining, or entertaining.



Image 1.1: The Outsunny Wall-Mounted Pergola Canopy providing shade on a patio.

Key Features:

- **Weather-Resistant Roof:** Crafted from 180gsm polyester with 32 drainage holes to prevent rainwater accumulation.
- **Robust Metal Frame:** Powder-coated metal frame for enhanced stability and durability.
- **Wall-Mounted Design:** Designed to lean against a wall, offering a stable and accessible outdoor extension.
- **Multi-Use:** Ideal for creating a barbecue area, hot tub enclosure, or an outdoor dining space.
- **Elegant Design:** Features a stylish curve and gourd top decoration.

2. SAFETY INFORMATION

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

- This product is not designed for extreme weather conditions. Always secure the pergola to the ground using the provided stakes and expansion screws.
- During strong winds or heavy snowfall, it is recommended to remove the canopy fabric to prevent damage to the structure.
- Be cautious during assembly and disassembly to avoid potential hazards such as pinching or falling parts. It

is recommended to have at least two adults for assembly.

- Ensure all connections are tight and secure before use. Regularly inspect the structure for any loose parts or damage.
- Do not hang heavy objects from the pergola frame.
- Keep children and pets away from the assembly area.

3. SETUP AND ASSEMBLY

Assembly of the Outsunny Wall-Mounted Pergola Canopy requires careful attention to detail. It is recommended to lay out all parts and familiarize yourself with the components before beginning. Two adults are recommended for efficient and safe assembly.

Tools Required (Not Included):

- Drill (for expansion screws on hard surfaces)
- Measuring tape
- Level
- Wrench/Socket set (if not provided with hardware)
- Safety gloves

Assembly Steps (General Guidance):

1. **Unpack and Identify Parts:** Carefully unpack all components and verify against the parts list in your detailed manual.
2. **Prepare the Installation Area:** Choose a flat, stable surface adjacent to a sturdy wall. Clear any obstructions.
3. **Assemble the Wall-Mounted Section:** Attach the wall-mounted frame components to the designated wall using appropriate fasteners. Ensure it is level and securely anchored.
4. **Assemble the Support Posts:** Connect the vertical support posts to the main frame.
5. **Attach Crossbeams and Roof Supports:** Install the horizontal crossbeams and roof support bars, ensuring all connections are firm.
6. **Install the Canopy Fabric:** Drape the 180gsm polyester canopy over the frame. Secure it using the integrated straps or fasteners, ensuring it is taut to facilitate water drainage.
7. **Secure to Ground:** Use the provided ground stakes for soft ground (e.g., lawn) or expansion screws for hard ground (e.g., concrete patio) to anchor the pergola's base plates.
8. **Final Inspection:** Double-check all bolts, screws, and connections for tightness and stability.



Image 3.1: Secure installation using stakes for soft ground or screws for hard ground.

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Video 3.2: An overview of the Outsunny Pergola Gazebo, demonstrating its features and potential setup in an outdoor space. This video provides visual context for the product's design and functionality.

4. OPERATING INSTRUCTIONS

The Outsunny Wall-Mounted Pergola Canopy is designed for straightforward use, providing a comfortable outdoor environment.

Weather Considerations:

- **Rain Protection:** The 180gsm polyester roof is designed to protect against light rain. The 32 integrated drainage holes help prevent water accumulation on the canopy. Regularly check that these holes are clear of debris.
- **Wind Resistance:** While the robust frame provides stability, the pergola is not intended for use in strong winds. In anticipation of high winds, it is advisable to remove the canopy fabric to prevent damage to both the fabric and the frame.
- **Sun Protection:** The canopy provides shade and UV protection, making your outdoor space more comfortable during sunny days.

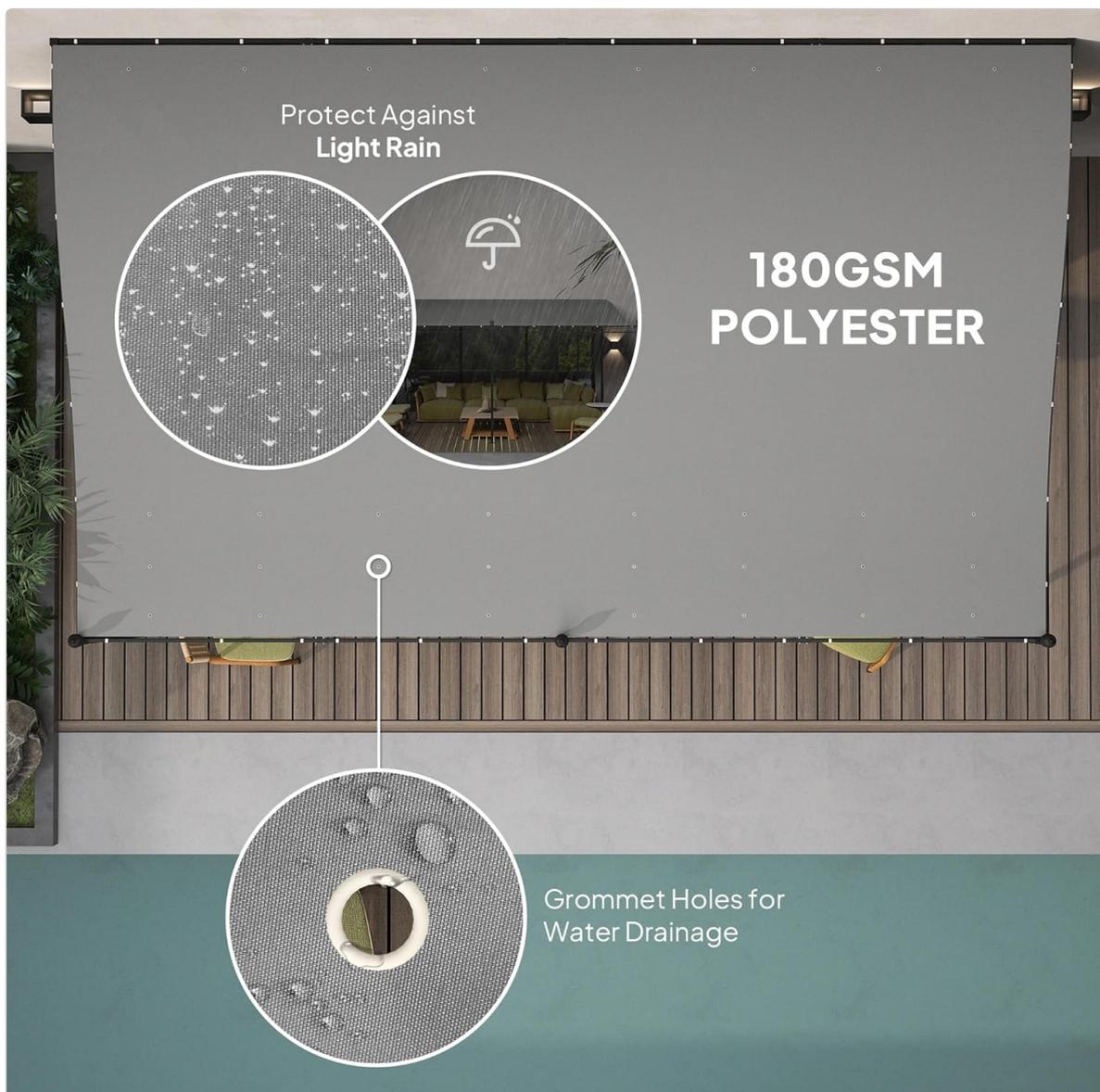


Image 4.1: The weather-resistant canopy fabric with drainage holes.

Usage Tips:

- Ensure the canopy is always taut to allow for proper water runoff through the drainage holes. Sagging can lead to water pooling.
- Utilize the space for various activities such as outdoor dining, a relaxation area, or a barbecue station.

5. MAINTENANCE

Regular maintenance will extend the life and appearance of your Outsunny Pergola Canopy.

- **Cleaning the Canopy:** Clean the polyester canopy fabric periodically with mild soap and water. Rinse thoroughly and allow to air dry completely before folding or storing. Do not use harsh chemicals or abrasive cleaners.
- **Frame Care:** Wipe the metal frame with a damp cloth to remove dirt and dust. Inspect the powder coating for any chips or scratches and touch up with appropriate paint to prevent rust.
- **Hardware Inspection:** Annually, or more frequently if exposed to harsh weather, check all bolts, screws, and connections to ensure they remain tight. Tighten any loose hardware.
- **Winter Storage:** In areas with heavy snow or prolonged freezing temperatures, it is highly recommended to remove the canopy fabric and store it indoors. Consider disassembling the frame for winter storage if not permanently anchored.

- **Drainage Holes:** Periodically check and clear the drainage holes in the canopy to ensure they are not blocked by leaves or debris.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your pergola canopy.

Water Pooling on Canopy:

- **Cause:** Canopy not taut enough, or drainage holes are blocked.
- **Solution:** Ensure the canopy fabric is stretched tightly across the frame. Check and clear all 32 drainage holes of any debris. If pooling persists, gently push up on the underside of the canopy with a broom to release accumulated water.

Pergola Instability / Wind Damage:

- **Cause:** Insufficient anchoring, or exposure to strong winds.
- **Solution:** Verify that the pergola is securely anchored to the ground using all provided stakes or expansion screws. For hard surfaces, ensure expansion screws are properly installed. In windy conditions, remove the canopy fabric to reduce wind resistance. Consider additional anchoring methods if your area experiences frequent strong winds.

Difficulty During Assembly:

- **Cause:** Parts misalignment, incorrect orientation, or insufficient assistance.
- **Solution:** Refer to the detailed assembly diagrams in your physical manual. Ensure all parts are oriented correctly before tightening. It is highly recommended to have two adults for assembly to manage larger components. Do not force parts together.

7. PRODUCT SPECIFICATIONS

Detailed specifications for the Outsunny 10' x 16' Wall-Mounted Pergola Canopy (Model 84C-582V00CG).



Image 7.1: Product dimensions diagram.

Feature	Detail
Brand	Outsunny
Model Number	84C-582V00CG
Product Dimensions	193.3" L x 117.3" W x 78.7" / 99.6" H
Column Spacing	93.7" L x 113" W
Floor Area	147 Square Feet
Item Weight	86 Pounds
Frame Material	Powder-Coated Metal
Canopy Material	180gsm Polyester
Color	Dark Gray
Water Resistance Level	Water Resistant (for light rain)

UV Protection	Yes
Assembly Required	Yes

8. WARRANTY AND SUPPORT

For warranty information, replacement parts, or technical support, please contact Outsunny customer service directly. Refer to your purchase documentation for specific warranty terms and contact details.

You can typically find support information on the manufacturer's website or through the retailer where the product was purchased.