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› [Outsunny 10' x 12' Outdoor Pergola Assembly and Care Manual \(Model 84C-416V00GY\)](#)

Outsunny 84C-416V00GY

Outsunny 10' x 12' Outdoor Pergola Instruction Manual

Model: 84C-416V00GY

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Outsunny 10' x 12' Outdoor Pergola. This wooden pergola kit is designed to enhance your outdoor living space, offering a structure for climbing plants and providing a functional accent for various outdoor occasions. Please read all instructions carefully before beginning assembly and retain this manual for future reference.



Image 1.1: The Outsunny 10' x 12' Outdoor Pergola provides an elegant outdoor living space.

2. SAFETY INFORMATION

Always follow general safety guidelines when assembling and using outdoor structures. Ensure stability during installation and do not exceed the structure's load capacity. Take precautions against potential weather-related hazards, such as strong winds or heavy snow, which may require additional anchoring or temporary disassembly. Always wear appropriate safety gear, such as gloves and eye protection, during assembly.

3. PACKAGE CONTENTS

Verify that all components listed in the packaging are present and undamaged before beginning assembly. The package includes all necessary wooden components, expansion screws, and L-shaped metal plates for mounting to solid ground. If any parts are missing or damaged, contact customer support before proceeding.

4. ASSEMBLY INSTRUCTIONS

Assembly requires at least two people. Follow the steps below for proper installation. Ensure all connections are secure

before use.

1. **Prepare the Area:** Choose a level, solid ground surface for installation. Clear any obstructions.
2. **Assemble the Posts and Beams:** Connect the main vertical posts and horizontal beams according to the provided diagrams. The structure features multi-beams and diagonal braces for reinforcement.



Image 4.1: The pergola features a sturdy structure with multi-beams, diagonal braces, and solid wood columns.

3. **Install the Top Grid:** Position the evenly spaced beams to form the top grid. This modern design allows for climbing plant support.

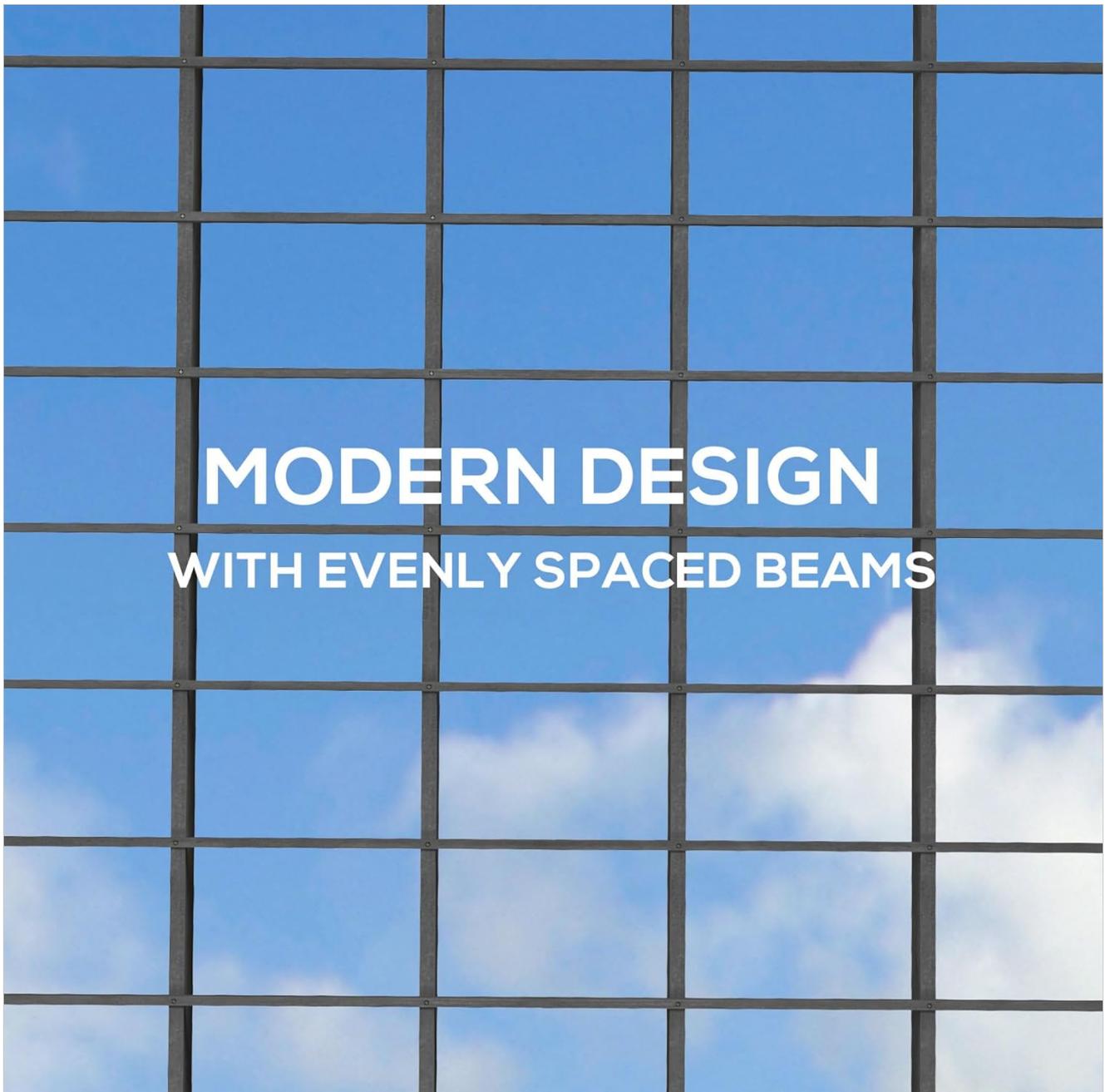


Image 4.2: The modern design features an evenly spaced beam grid for plant growth.

4. **Secure to Ground:** Use the included expansion screws and L-shaped metal plates to firmly mount the pergola posts to solid ground. Ensure a minimum distance of 0.6 inches between wood plate edges and screws to prevent cracking.



Image 4.3: Secure the pergola to solid ground using the provided expansion screws and L-plates.

For a visual guide to the assembly process, please refer to the official product video below:

Your browser does not support the video tag.

Video 4.4: Official assembly and product overview video for the Outsunny Pergola (Model 84C-416V00GY).

5. OPERATING INSTRUCTIONS

The Outsunny Pergola is designed to provide a versatile outdoor space. It can be used as a standalone structure or as a support for climbing plants such as grapes, sweet potatoes, passionflower, ivy, or morning glory. The open grid design allows for natural light and air circulation. For increased shade, consider adding a separate shade cover (not included).



Image 5.1: The pergola creates a defined outdoor area, suitable for various patio setups.

6. MAINTENANCE

This pergola is constructed from paint-protected fir wood, designed to endure outdoor conditions year-round. To maintain its appearance and structural integrity:

- Regularly inspect all bolts and connections to ensure they remain tight.
- Clean the wood surfaces periodically with a mild soap and water solution. Avoid harsh chemicals.
- Check for any signs of wear, splintering, or damage to the wood. Address minor issues promptly to prevent further deterioration.
- If desired, apply a wood sealant or stain annually to prolong the life and appearance of the fir wood.

7. TROUBLESHOOTING

If you encounter any issues with your pergola, consider the following:

- **Instability:** Ensure all ground anchors are properly installed and tightened. Verify that the pergola is on a level surface.

- **Wood Splintering/Cracking:** This can occur if screws are overtightened or placed too close to the edge of a wood piece. Ensure proper screw placement as indicated in the assembly instructions.
- **Water Damage:** While the wood is water-resistant, prolonged exposure to standing water or extreme moisture can affect it. Ensure proper drainage around the base.

For persistent issues, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Outsunny
Model Number	84C-416V00GY
Material	Fir Wood
Product Dimensions (L x W x H)	143.75" x 118" x 84.75"
Item Weight	139.83 Pounds
Frame Material	Wood
Water Resistance Level	Water Resistant
Assembly Required	Yes
Included Components	Expansion Screws, L-shaped Metal Plate
Color	Gray



Image 8.1: Detailed dimensions of the Outsunny 10' x 12' Outdoor Pergola.

9. WARRANTY AND SUPPORT

This product is sold by Aosom Direct. For any questions regarding assembly, missing parts, or product performance, please contact Aosom Direct customer service. Refer to your purchase documentation for specific warranty details and return policies. A 30-day easy return policy is typically offered.