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› Outsunny 12' x 16' Outdoor Pergola Instruction Manual (Model 84C-417V01DR)

## Outsunny 84C-417V01DR

# Outsunny 12' x 16' Outdoor Pergola Instruction Manual

Model: 84C-417V01DR

## INTRODUCTION

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This manual provides detailed instructions for the assembly, safe operation, and maintenance of your Outsunny 12' x 16' Outdoor Pergola. Please read all instructions carefully before assembly and use to ensure proper installation and to maximize the lifespan of your product. Keep this manual for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

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- Always mount the pergola to a stable foundation using the included expansion screws and L-plates.
- Do not use the pergola in extreme weather conditions, as it is not windproof or waterproof.
- Inspect the pergola regularly for any signs of damage or wear, and repair or replace any damaged components immediately.
- Always follow the manufacturer's instructions for assembly, use, and maintenance.
- Keep children and pets away from the pergola during assembly and disassembly.

## PACKAGE CONTENTS

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Verify that all components and hardware are present before beginning assembly. Refer to the parts list provided in your packaging. If any parts are missing or damaged, contact customer support immediately.

## ASSEMBLY INSTRUCTIONS (SETUP)

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Assembly typically requires two people and can take approximately 5 hours. Ensure you have adequate space and tools before starting.

1. **Unpack and Organize:** Carefully unpack all components and lay them out. Group similar parts together and verify against the parts list.
2. **Assemble Beams:** The main beams are designed to fit together like a puzzle. Secure these connections using the provided braces and screws. All holes are pre-drilled for convenience.

3. **Erect Posts:** Position the main support posts according to the diagram in your separate printed manual.
4. **Attach Roof Structure:** Connect the assembled beams and cross-slats to the support posts. Ensure all connections are tight and secure.
5. **Secure to Foundation:** Use the included L-shaped metal plates and expansion screws to firmly mount the pergola posts to a solid, stable ground surface such as concrete. This enhances stability and prevents movement due to wind.



Image: Securely mount posts using L-plates and expansion screws.

# STURDY STRUCTURE



Image: Detail of the sturdy structure with multi beams and diagonal braces.

Your browser does not support the video tag.

Video: Official product overview of the Outsunny Pergola, demonstrating its features and design. This video is provided by Aosom Direct.

## USAGE (OPERATING)

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Your Outsunny pergola is designed to enhance your outdoor living space, offering both aesthetic appeal and functional benefits.

- **Climbing Plant Support:** The triple-level canopy of beams provides ample space for climbing plants such as grapes, sweet potatoes, passionflower, ivy, or morning glory to weave and loop through, creating a natural, lush canopy.
- **Comfortable Shade:** As plants grow and cover the top, the pergola will provide natural, vine-ripened shade, making it an ideal spot for relaxation, dining, or entertaining during sunny days.
- **Outdoor Accent:** The wooden structure adds an elegant and rustic charm to your garden, patio, backyard, or deck.



Image: The pergola creating a comfortable outdoor living area.



Image: Three-level beams designed for climbing plants.

## MAINTENANCE

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Proper maintenance will ensure the longevity and appearance of your pergola.

- **Regular Inspection:** Periodically check all bolts, screws, and connections to ensure they remain tight. Re-tighten as necessary.
- **Wood Care:** The pergola is made of paint-protected fir wood for water resistance. To maintain its appearance and

protective qualities, clean the wood regularly with a mild soap and water solution. Reapply wood sealant or paint as needed, especially if the finish shows signs of wear or fading.

- **Damage Check:** Inspect the wood for any cracks, splinters, or signs of insect damage. Address any issues promptly to prevent further deterioration.
- **Weather Considerations:** While designed for outdoor use, the pergola is not windproof or waterproof. In anticipation of severe weather conditions (e.g., strong winds, heavy snow), consider temporarily removing any heavy climbing plants or covering the structure to minimize stress.

## TROUBLESHOOTING

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If you encounter issues with your pergola, refer to these common troubleshooting tips:

- **Wobbling or Instability:** Ensure all connection points are securely fastened. Verify that the L-plates and expansion screws are properly anchored to your foundation. Uneven ground can also cause instability; ensure the installation surface is level.
- **Difficulty Assembling:** Double-check that you are using the correct parts for each step as indicated in the manual. Ensure components are oriented correctly. Do not force parts together.
- **Wood Damage:** For minor scratches or fading, touch up with appropriate wood stain or paint. For significant damage, contact customer support for replacement parts.

## PRODUCT SPECIFICATIONS

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Specification	Detail
Brand	Outsunny
Model Number	84C-417V01DR
Material	Wood (Fir Wood)
Product Dimensions	192.4" L x 143.9" W x 88.4" H (16' L x 12' W x 7.4' H)
Column Spacing	110.8" L x 77.8" W
Item Weight	261.3 Pounds
Color	Brown
Assembly Required	Yes
Water Resistance Level	Water Resistant (Wood)

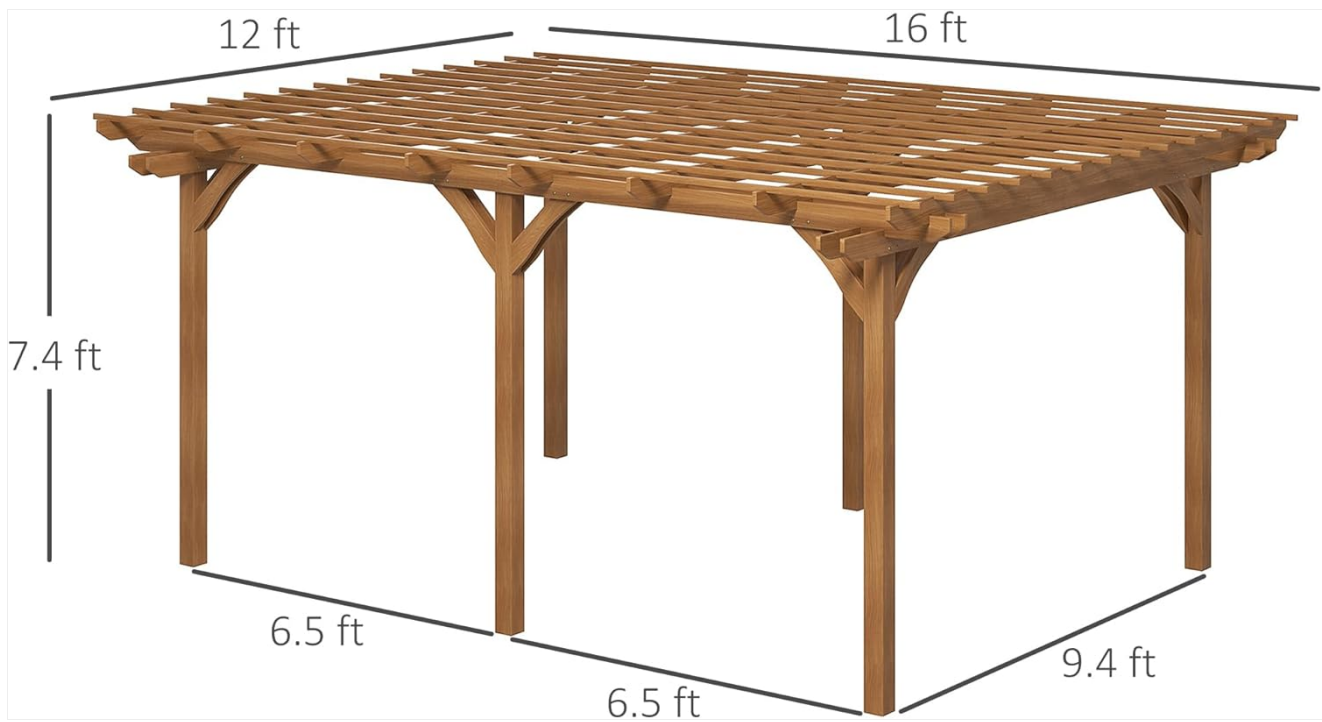


Image: Detailed dimensions of the pergola structure.

## WARRANTY AND SUPPORT

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For warranty information, missing parts, or technical support, please contact the seller, Aosom Direct, directly through your purchase platform. Keep your order details and model number (84C-417V01DR) readily available for faster service.