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› Outsunny 3x4m Retractable Aluminium Garden Pergola Instruction Manual

Outsunny 84C-577V01WT

Outsunny 3x4m Retractable Aluminium Garden Pergola Instruction Manual

Model: 84C-577V01WT

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1. INTRODUCTION

Thank you for choosing the Outsunny 3x4m Retractable Aluminium Garden Pergola. This manual provides essential information for the safe assembly, operation, and maintenance of your new pergola. Please read these instructions carefully before installation and retain them for future reference. This pergola is designed to provide a comfortable outdoor space with adjustable sun protection.



Image 1.1: The Outsunny 3x4m Retractable Aluminium Garden Pergola providing shade over an outdoor dining area.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- **Assembly:** It is recommended that two people participate in the construction and installation of this pergola. Ensure all components are correctly identified and assembled according to the instructions.
- **Weather Conditions:** Do not use this pergola in severe weather conditions, including strong winds, heavy rain, or snow. Retract the canopy during adverse weather to prevent damage.
- **Anchoring:** Always secure the pergola to the ground using the provided ground stakes for soft ground or anchor bolts for hard surfaces (cement, concrete). Proper anchoring is crucial for stability.
- **Maintenance:** Regularly inspect all fasteners and connections to ensure they remain tight and secure.
- **Clearance:** Ensure adequate clearance around the pergola for safe operation of the retractable canopy and to prevent obstruction.

3. PACKAGE CONTENTS

Before beginning assembly, verify that all parts are present and undamaged. If any parts are missing or damaged, please contact customer support.

- Aluminium Frame Components (Columns, Beams, Rails)
- Retractable Polyester Canopy (180g PA coated)
- Ground Stakes (x8)
- Anchor Bolts (x8)
- Assembly Hardware (screws, nuts, washers, Allen key)
- Magnetic Pad for canopy attachment
- Instruction Manual

4. SETUP & ASSEMBLY

Assembly requires two people. Follow the numbered steps in the included diagrammatic instructions for best results. Ensure you have sufficient space and the necessary tools (e.g., screwdriver, wrench if not provided).

4.1 Frame Assembly

1. Unpack all components and lay them out on a clean, flat surface.
2. Identify the aluminium columns (8x8 cm) and connect them to the main beams using the provided hardware.
3. Assemble the sliding rails onto the main frame structure. Ensure all connections are secure but do not fully tighten until the entire frame is upright.



Image 4.1: Close-up of the aluminum frame, highlighting the sliding rails and column dimensions.

4.2 Canopy Installation

4. Carefully unfold the polyester canopy.
5. Attach the canopy to the sliding rails according to the specific mechanism shown in your diagrammatic instructions. Ensure it can slide freely.
6. Locate the magnetic pad on the canopy, which will be used to secure it in the open position.

4.3 Anchoring the Pergola

The pergola features pre-drilled 18x18 cm foot plates for secure installation.

- **For soft ground (e.g., lawn):** Use the provided ground stakes to firmly secure each foot plate into the soil.
- **For hard surfaces (e.g., cement, concrete):** Use the provided anchor bolts. Drill appropriate holes in the surface and secure the foot plates.

Proper anchoring is essential for the stability and safety of the pergola, especially in windy conditions.



Image 4.2: Installation options for securing the pergola to different ground types.

5. OPERATING INSTRUCTIONS

The Outsunny pergola features a retractable canopy for adjustable sun protection.

5.1 Retracting and Extending the Canopy

- To **extend** the canopy for shade, gently pull the canopy fabric along the sliding rails until it reaches the desired position.
- To **retract** the canopy, push the fabric back along the rails. The magnetic pad will help secure the canopy in its fully retracted position.



AUVENT RÉTRACTABLE UPF30

- Facile à faire glisser et à contrôler la zone d'ombre
- Un coussin magnétique pour fixer le toit en position ouverte

Image 5.1: Detail of the retractable canopy and its UPF30+ sun protection.

5.2 Weather Considerations

- Always retract the canopy during strong winds, heavy rain, or snow to prevent damage to the fabric and frame.
- The 180g PA coated polyester roof offers UPF30+ sun protection, providing a comfortable shaded area.

6. MAINTENANCE

Regular maintenance will prolong the life and appearance of your pergola.

- **Cleaning the Frame:** Wipe the aluminium frame with a damp cloth and mild soap. Rinse thoroughly and dry to prevent water spots. Avoid abrasive cleaners.
- **Cleaning the Canopy:** The polyester canopy can be cleaned with a soft brush and mild soapy water. Do not use harsh chemicals or machine wash. Allow to air dry completely before retracting or storing.
- **Fastener Check:** Periodically check all screws, bolts, and connections to ensure they are tight. Re-tighten as necessary.
- **Winter Storage:** In areas with harsh winters, it is recommended to remove the canopy and store it indoors to protect

it from snow and ice.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Canopy does not slide smoothly.	Debris in rails; misaligned canopy; damaged rails.	Clean rails of any obstructions. Check canopy alignment. Inspect rails for damage.
Canopy does not stay fully retracted.	Weak magnetic pad; strong wind.	Ensure the magnetic pad is clean and making full contact. Consider adding additional securing straps if in a windy area.
Pergola feels unstable.	Improper anchoring; loose fasteners.	Verify that the pergola is correctly anchored to the ground using appropriate hardware. Tighten all frame fasteners.
Water pooling on canopy.	Canopy not taut; heavy rain.	Ensure canopy is fully extended and taut. Retract canopy during heavy rain.

8. SPECIFICATIONS

Feature	Detail
Model Number	84C-577V01WT
Overall Dimensions	382L x 300W x 232H cm (150.39"L x 118.11"W x 91.34"H)
Column Spacing	364L x 280W cm
Column Dimensions	80L x 80W mm
Foot Plate Size	18L x 18W cm
Material	Aluminium frame, 180g PA coated polyester fabric
Color	White frame, Beige canopy
UV Protection	UPF30+
Wind Resistance Level	5-6 (with anchor bolts), 4-5 (with ground pegs)
Snow Load	5 kg/m ²
Assembly Required	Yes
Item Weight	43.7 Kilograms

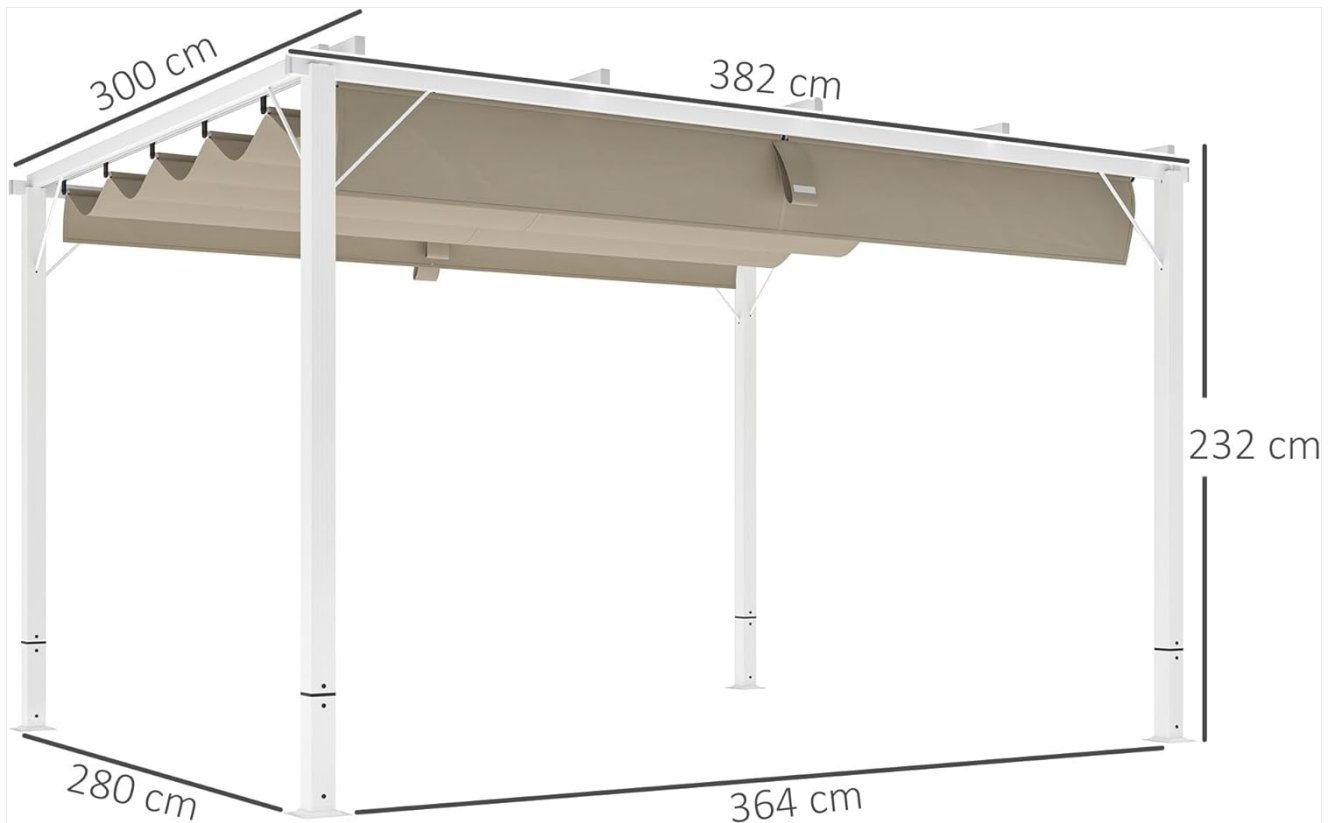


Image 8.1: Detailed dimensions of the pergola.

9. WARRANTY & SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact Outsunny customer service directly. Keep your proof of purchase for any warranty claims.

Customer Service Contact: Please visit the official Outsunny website or refer to your retailer's contact information for support.