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› Outsunny Retractable Pergola User Manual

Outsunny 84C-476V03CG

Outsunny Retractable Pergola User Manual

Model: 84C-476V03CG

1. INTRODUCTION

This user manual provides essential information for the safe and effective assembly, operation, and maintenance of your Outsunny Retractable Pergola. Please read this manual thoroughly before installation and keep it for future reference.



Figure 1.1: The Outsunny Retractable Pergola providing shade in an outdoor living space.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or property damage.

- Assembly required.
- Not recommended for use in extreme weather conditions.
- Secure the pergola to the ground using the provided ground nails and expansion screws to prevent injuries during use and storage.
- Follow the provided assembly instructions carefully to prevent injuries during installation and disassembly.
- Ensure all components are securely fastened before use.
- Do not hang heavy objects from the pergola frame.
- Regularly inspect the pergola for any signs of wear or damage.

3. PACKAGE CONTENTS

Before beginning assembly, ensure all parts listed below are present and undamaged. If any parts are missing or damaged, do not proceed with assembly and contact customer service.

- Steel Frame Components (beams, posts, connectors)
- Retractable Polyester Canopy
- 8 x Ground Nails (for soft ground)
- 8 x Expansion Screws (for hard ground)
- Assembly Hardware (bolts, nuts, washers, tools if included)
- Instruction Manual



Figure 3.1: Included ground nails and expansion screws for securing the pergola.

4. SETUP AND ASSEMBLY

Assembly of the Outsunny Retractable Pergola requires at least two adults. Follow the steps below carefully. It is recommended to lay out all components on a clean, flat surface before starting.

4.1. Site Preparation

- Choose a level and stable location for your pergola.
- Clear the area of any debris or obstacles.
- Ensure adequate clearance around the pergola for safe operation of the retractable canopy.

4.2. Frame Assembly

1. Unpack all components and verify against the package contents list.
2. Assemble the main support posts and crossbeams according to the diagram in your separate assembly guide. Ensure all connections are finger-tight initially.
3. Once the main frame is upright, securely tighten all bolts and fasteners.
4. Attach the canopy support rails to the main frame.



Figure 4.1: The assembled steel frame of the pergola.

4.3. Canopy Installation

1. Carefully unfold the polyester canopy.
2. Slide the canopy sections onto the designated rails or attach them as per the specific instructions in your assembly guide.
3. Ensure the canopy is properly aligned and can slide smoothly.

TOLDO RETRÁCTIL

Fácil de deslizar y controlar la zona de sombra



Figure 4.2: Overhead view illustrating the retractable canopy system.

4.4. Securing the Pergola

To ensure maximum stability and safety, the pergola must be securely anchored to the ground.

- For soft ground (e.g., lawn), use the provided ground nails by driving them through the base plates of the posts into the soil.
- For hard ground (e.g., concrete patio), use the provided expansion screws. Drill appropriate holes and secure the base plates firmly.

5. OPERATING INSTRUCTIONS

5.1. Retracting and Extending the Canopy

The pergola features a retractable canopy, allowing you to adjust the amount of shade as needed.

- To extend the canopy for full shade, gently pull the canopy sections along the rails until fully open.

- To retract the canopy for more sunlight, push the canopy sections back along the rails until they are neatly folded.
- Ensure the canopy moves freely and does not snag on any part of the frame.



Figure 5.1: Adjusting the retractable canopy for desired shade.

5.2. Water Drainage

The canopy is designed with 12 drainage eyelets to prevent water accumulation. These eyelets allow rainwater to drain off, preventing pooling and potential damage to the fabric or frame.

TOLDO CON REVESTIMIENTO DE PA

Los orificios evitan la acumulación de agua de lluvia



Figure 5.2: Drainage eyelets on the canopy to prevent water pooling.

6. MAINTENANCE

Regular maintenance will extend the life of your pergola and ensure its continued performance.

- **Cleaning the Frame:** Wipe the steel frame with a damp cloth and mild soap. Rinse thoroughly and dry to prevent rust. Avoid abrasive cleaners.
- **Cleaning the Canopy:** Clean the polyester canopy with mild soap and water. Do not use harsh chemicals or bleach. Allow the canopy to air dry completely before retracting or storing.
- **Inspections:** Periodically check all bolts and fasteners to ensure they are tight. Inspect the canopy for any tears or damage. Check the ground anchors for stability.
- **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. The frame can remain outdoors if properly anchored, but extreme weather conditions should be avoided.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pergola feels unstable or wobbly.	Loose fasteners; inadequate anchoring; uneven ground.	Ensure all bolts are tightened. Verify ground anchors are securely installed. Relocate to a level surface or use shims to level the base.
Canopy is difficult to retract/extend.	Rails are dirty or obstructed; canopy fabric is snagged; frame is misaligned.	Clean the canopy rails. Check for any obstructions or fabric snags. Inspect the frame for proper alignment.
Water pools on the canopy.	Drainage eyelets are blocked; canopy is not fully extended/tensioned.	Clear any debris from the drainage eyelets. Ensure the canopy is fully extended and properly tensioned to allow water runoff.
Rust appearing on the frame.	Protective coating damaged; prolonged exposure to moisture without drying.	Clean and dry the affected area. Apply rust-inhibiting paint if necessary. Ensure regular cleaning and drying.

8. SPECIFICATIONS

Feature	Detail
Model Number	84C-476V03CG
Overall Dimensions (L x W x H)	397 cm x 297 cm x 235 cm (3.97m x 2.97m x 2.35m)
Column Spacing (L x W)	320 cm x 283 cm
Product Weight	33.5 kg
Frame Material	Alloy Steel
Canopy Material	Polyester with PA coating
Color	Dark Grey
Water Resistance Level	Water Resistant
Assembly Required	Yes



Figure 8.1: Detailed dimensions of the pergola.

9. WARRANTY AND SUPPORT

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

Manufacturer: SPANISH AOSOM

Brand: Outsunny

Website: [Outsunny Brand Store](#)

No official product videos from the seller were found in the provided data.



