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> Cazeboo PIANA 4x3m Freestanding Bioclimatic Pergola Instruction Manual KIT-000574

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Cazeboo PIANA 4x3m Freestanding Bioclimatic Pergola Instruction Manual

Model: KIT-000574

1. INTRODUCTION

The Cazeboo PIANA 4x3m Freestanding Bioclimatic Pergola is designed to enhance your outdoor living space, providing adjustable shade, rain protection, and ventilation. Its robust aluminum construction ensures durability and a modern aesthetic for your terrace or garden. This manual provides essential information for the safe assembly, operation, and maintenance of your pergola.



Image 1.1: The Cazeboo PIANA pergola providing shade over an outdoor dining area.

2. SAFETY INFORMATION

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

- Always ensure the pergola is securely attached to a stable foundation before use.
- Be cautious during assembly and disassembly to avoid injury from the product's size and weight.
- Assembly requires at least three adults.
- Do not use the pergola in extreme weather conditions beyond its specified wind resistance (up to 70 km/h).
- Regularly inspect all components for wear, damage, or loose connections.
- Keep children and pets away from the assembly area.
- Consult local building codes and regulations regarding outdoor structures before installation.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning assembly. If any parts are missing or damaged, contact customer support.

- Aluminum frame components (beams, columns)
- 38 steel louvers (blades)
- Adjustable louver mechanism
- Mounting hardware (e.g., 16 anchors)
- Necessary tools for assembly
- Instruction manual



Image 3.1: Exploded view and dimensional diagram of the PIANA pergola, illustrating main components and assembly details.

4. SPECIFICATIONS

Feature	Specification
Brand	Cazeboo
Model Number	KIT-000574
Material	Aluminum frame, Steel blades
Product Dimensions (L x W x H)	155.12" x 119.69" x 85.83" (394cm x 304cm x 218cm)
Covered Area	12 square meters
Item Weight	22.3 pounds (10.12 Kilograms)
Color	Anthracite Grey (RAL 7016)
Water Resistance Level	Water Resistant
UV Protection	Yes (level not specified)
Wind Resistance	Up to 70 km/h
Number of Blades	38
Blade Material	Steel
Upper Beam Thickness	1.3 mm
Beam Thickness	1.1 mm
Column Section	90 x 90 mm
Vertical Section	145 x 28 mm
Assembly Required	Yes

5. SETUP AND ASSEMBLY

Assembly of the Gazeboo PIANA pergola requires careful attention to detail and adherence to the provided instructions. It is recommended that a team of 3 individuals perform the assembly for efficiency and safety.

1. **Site Preparation:** Choose a level and stable surface for installation. Ensure adequate clearance around the pergola for assembly and future use.
2. **Unpacking and Inspection:** Carefully unpack all components and verify against the package contents list (Section 3). Report any missing or damaged parts immediately.
3. **Frame Assembly:** Follow the step-by-step diagrams to assemble the main aluminum frame, including the columns and beams. Ensure all connections are secure.
4. **Louver Installation:** Install the 38 steel louvers into the designated slots on the frame. Pay attention to the orientation of the blades for proper operation.
5. **Louver Mechanism Attachment:** Connect the adjustable louver mechanism according to the diagrams. Test its movement to ensure smooth operation.
6. **Anchoring:** Securely anchor the pergola to the ground using the provided hardware (16 anchors). Proper anchoring is crucial for stability and wind resistance.



Image 5.1: Assembly details and component overview for the PIANA pergola.

6. OPERATING INSTRUCTIONS

The PIANA pergola features adjustable louvers that allow you to control sunlight, provide rain protection, and enable ventilation.

- **Louver Adjustment:** Use the integrated crank mechanism to adjust the angle of the louvers. The louvers can be rotated from 0 to 110 degrees.
- **Sun Control:** Adjust the louvers to block direct sunlight and create shade. Partially open louvers allow filtered light.
- **Rain Protection:** Close the louvers completely to form a solid roof, providing protection from rain. Ensure the louvers are fully closed to activate the integrated drainage system.
- **Ventilation:** Partially open the louvers to allow air circulation, reducing heat buildup under the pergola while still offering some shade.

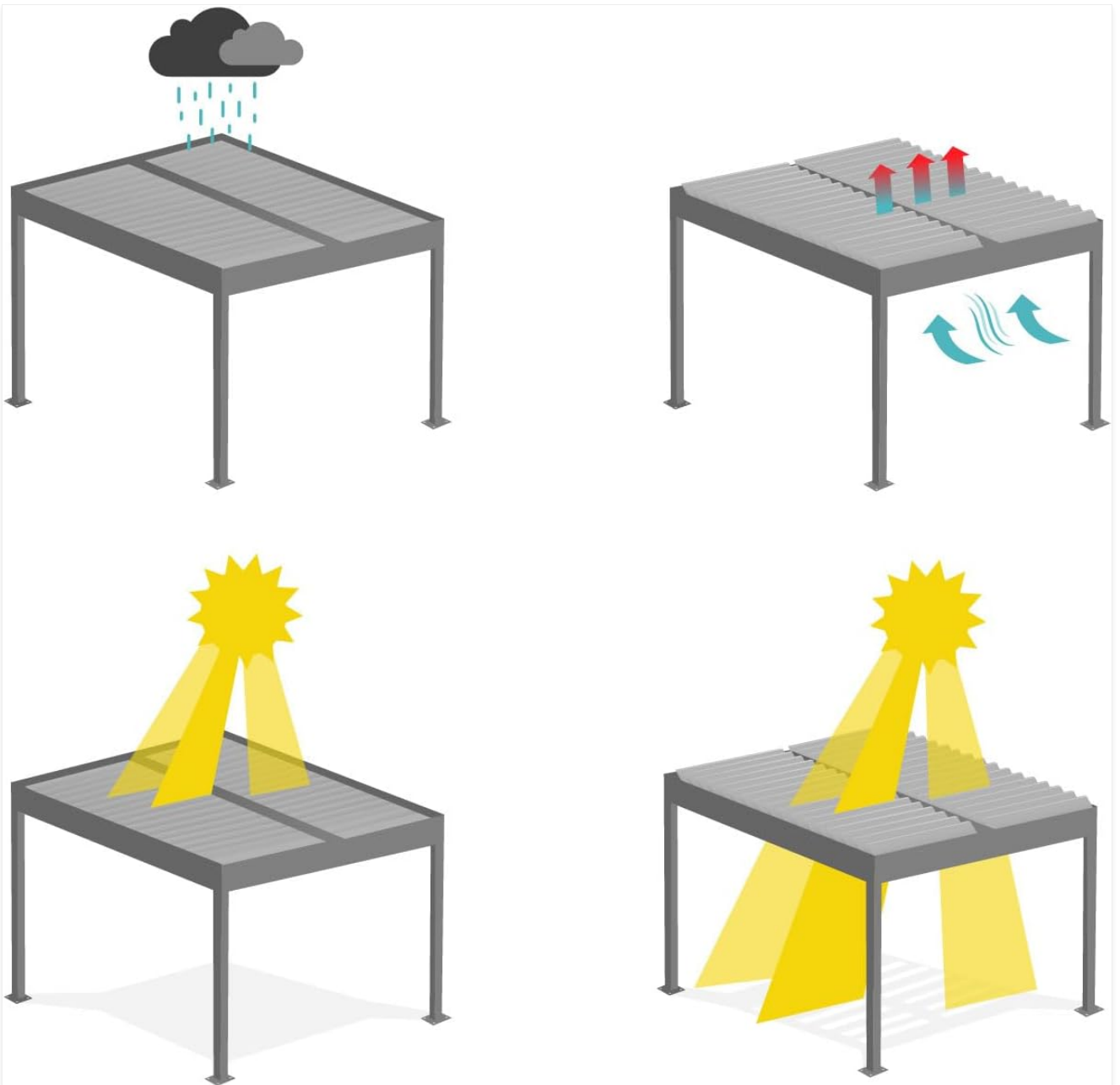


Image 6.1: Functional diagrams showing how the adjustable louvers provide rain protection, ventilation, and sun control.



Image 6.2: Detailed view of the louver adjustment mechanism.

7. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your pergola.

- **Cleaning:** Clean the aluminum frame and steel louvers periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish. Rinse thoroughly with clean water.
- **Drainage System:** Regularly check and clear the integrated water drainage channels within the louvers and columns to prevent blockages from leaves or debris. Blockages can lead to water accumulation and potential leaks.
- **Hardware Inspection:** Periodically inspect all bolts, screws, and anchoring points to ensure they remain tight and secure. Tighten any loose fasteners.
- **Louver Mechanism:** Ensure the louver adjustment mechanism operates smoothly. Lubricate moving parts if necessary with a silicone-based lubricant.
- **Winter Care:** In areas with heavy snowfall, it is recommended to keep the louvers open to prevent snow accumulation, which can put excessive stress on the structure.



Image 7.1: Diagrams showing how water drains from the louvers into the frame and down the columns.

8. TROUBLESHOOTING

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

- Issue: Water leakage during rain.**
Solution: Ensure the louvers are fully closed. Check the drainage channels for any blockages (leaves, debris) and clear them. Verify that all seals are properly seated and undamaged. Ensure the pergola is installed on a level surface to allow proper water runoff.
- Issue: Louvers are difficult to adjust or get stuck.**
Solution: Inspect the louver mechanism for any obstructions. Clean any dirt or debris from the moving parts. Apply a silicone-based lubricant to the pivot points and gears of the mechanism. Check for any bent or misaligned louvers.
- Issue: Pergola feels unstable or wobbly.**
Solution: Verify that the pergola is securely anchored to the ground. Check all frame connections and tighten any loose bolts or screws. Ensure the installation surface is level and firm.
- Issue: Noise during wind.**
Solution: Ensure all louvers are either fully open or fully closed to minimize movement. Check all connections for tightness.

9. WARRANTY AND SUPPORT

Your Cazeboo PIANA Bioclimatic Pergola is backed by a manufacturer's warranty to ensure your satisfaction.

- Legal Warranty:** The product comes with a 2-year manufacturer's warranty covering defects in materials and workmanship.
- Extended Warranty:** This product qualifies for a 5-year extended warranty. Please refer to the warranty

registration information included with your purchase or visit the manufacturer's website for details on how to register.

- **Customer Support:** For technical assistance, missing parts, or warranty claims, please contact Cazeboo customer support through the contact information provided at the point of purchase or on the official Cazeboo website. Please have your model number (KIT-000574) and proof of purchase ready.