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› PURPLE LEAF Bioclimatic Pergola 4.24 x 3 m Instruction Manual

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PURPLE LEAF Bioclimatic Pergola 4.24 x 3 m Instruction Manual

Model: 4.24 x 3 m | Brand: PURPLE LEAF

1. INTRODUCTION

Thank you for choosing the PURPLE LEAF Bioclimatic Pergola. This manual provides essential information for the safe assembly, operation, and maintenance of your new pergola. Please read all instructions carefully before installation and retain this manual for future reference.

The PURPLE LEAF Bioclimatic Pergola is designed to enhance your outdoor living space, offering adjustable shade and protection. Its robust aluminum construction and adjustable louvers provide a versatile solution for gardens, patios, and terraces.



Figure 1: The PURPLE LEAF Bioclimatic Pergola in an outdoor setting.

2. SAFETY INFORMATION

Important Safety Warning: To prevent damage to the bioclimatic pergola during strong winds or extreme weather conditions, always open the louvers and remove any sun protection accessories (e.g., side screens, curtains) that may be attached. Failure to do so may result in structural damage or personal injury.

- Ensure all components are securely fastened during assembly.
- Do not climb on the pergola structure.
- Keep children and pets away from the assembly area.
- Regularly inspect the pergola for any signs of wear or damage.
- Consult local building codes and regulations before installation.

3. SETUP AND ASSEMBLY

The PURPLE LEAF Bioclimatic Pergola is designed for straightforward assembly. It is recommended that at least two people are involved in the assembly process.

3.1. Unpacking and Component Check

- Carefully unpack all boxes and lay out the components.
- Verify all parts against the provided parts list in the separate assembly guide.
- Report any missing or damaged parts to customer service immediately.

3.2. Site Preparation

- Choose a level and stable surface for installation.
- Ensure adequate clearance around the pergola for assembly and future use.
- For permanent installation, secure the pergola base to the ground using appropriate anchors. The reinforced base is designed for stability.



Base Rinforzata

Buona stabilità e forte resistenza al vento e alla neve

Figure 2: Reinforced base with anchoring points for enhanced stability.

3.3. Frame Assembly

- Assemble the main frame structure according to the detailed instructions in the separate assembly guide.
- Ensure all bolts and screws are tightened securely.
- The pergola features thick aluminum columns and beams for increased load-bearing capacity and stability.

Telaio in Alluminio Spesso

Durevole e resistente allo sbiadimento e alla ruggine

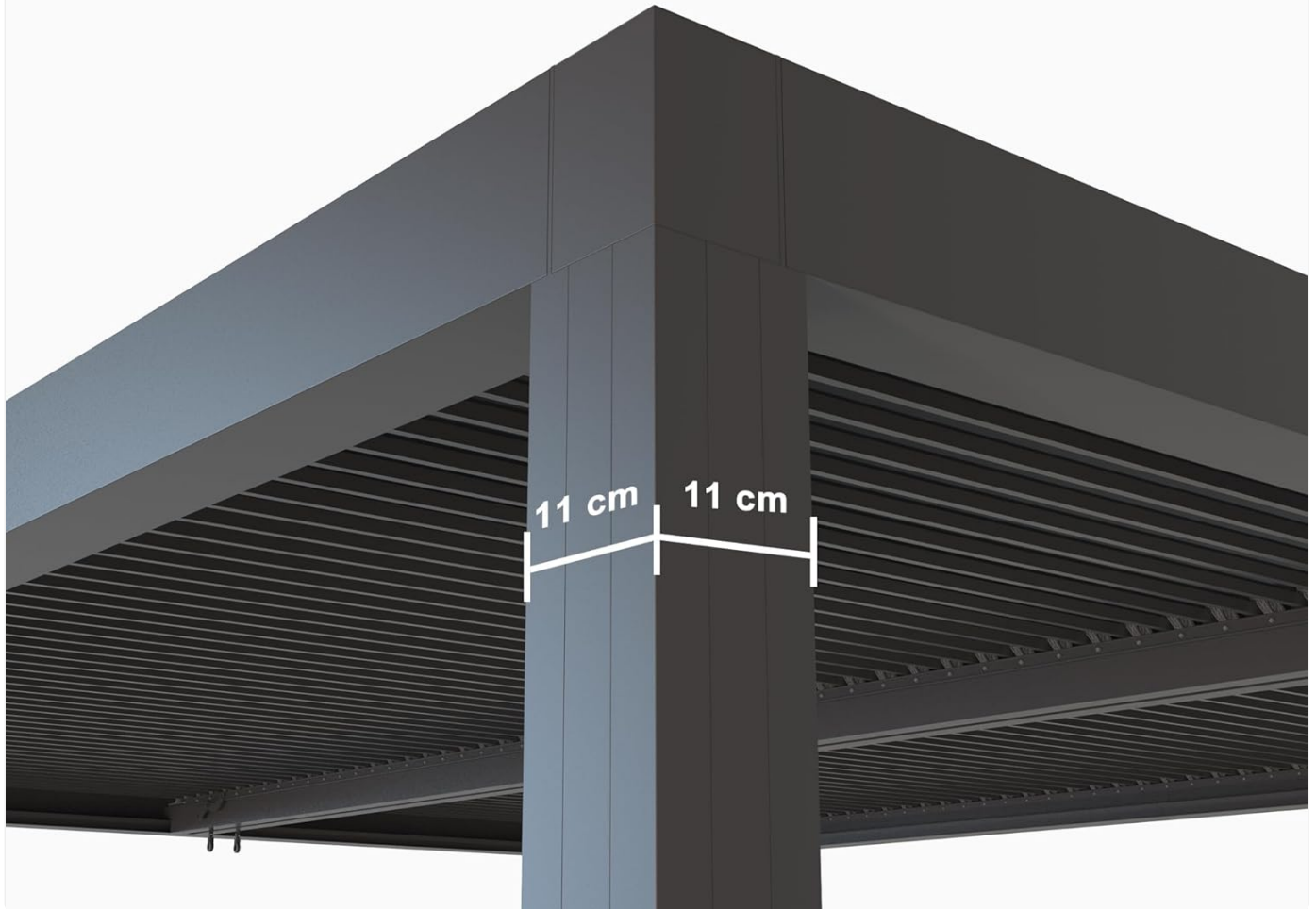


Figure 3: Detail of the thick aluminum frame, highlighting robust construction.

3.4. Louver Installation

- Install the aluminum louvers onto the frame.
- Connect the crank mechanism as per the assembly guide.

Doghe Regolabili

È possibile regolare liberamente il rapporto tra luce e buio



Figure 4: Adjustable louvers allowing control over light and shade.

For detailed step-by-step instructions, please refer to the separate assembly manual provided with your product.

4. OPERATING INSTRUCTIONS

4.1. Adjusting the Louvers

The PURPLE LEAF Bioclimatic Pergola features independently adjustable aluminum louvers, allowing you to control the amount of sunlight and shade.

- Locate the crank mechanism, typically positioned on one of the pergola's columns.
- Turn the crank clockwise to open the louvers, allowing more sunlight to pass through.
- Turn the crank counter-clockwise to close the louvers, providing more shade and protection from rain.
- You can adjust the louvers to any desired angle to optimize light and ventilation.



Figure 5: The crank handle for easy adjustment of the louvered roof.



Figure 6: Louvers in an open position, allowing full sunlight.

4.2. Rainwater Drainage System

The pergola is equipped with an advanced drainage system. Each louver piece has drainage grooves that direct rainwater through the frame edges and down the support poles, preventing water accumulation on the roof and keeping the area underneath dry.

Persiane in Alluminio

Adatto per l'uso quotidiano

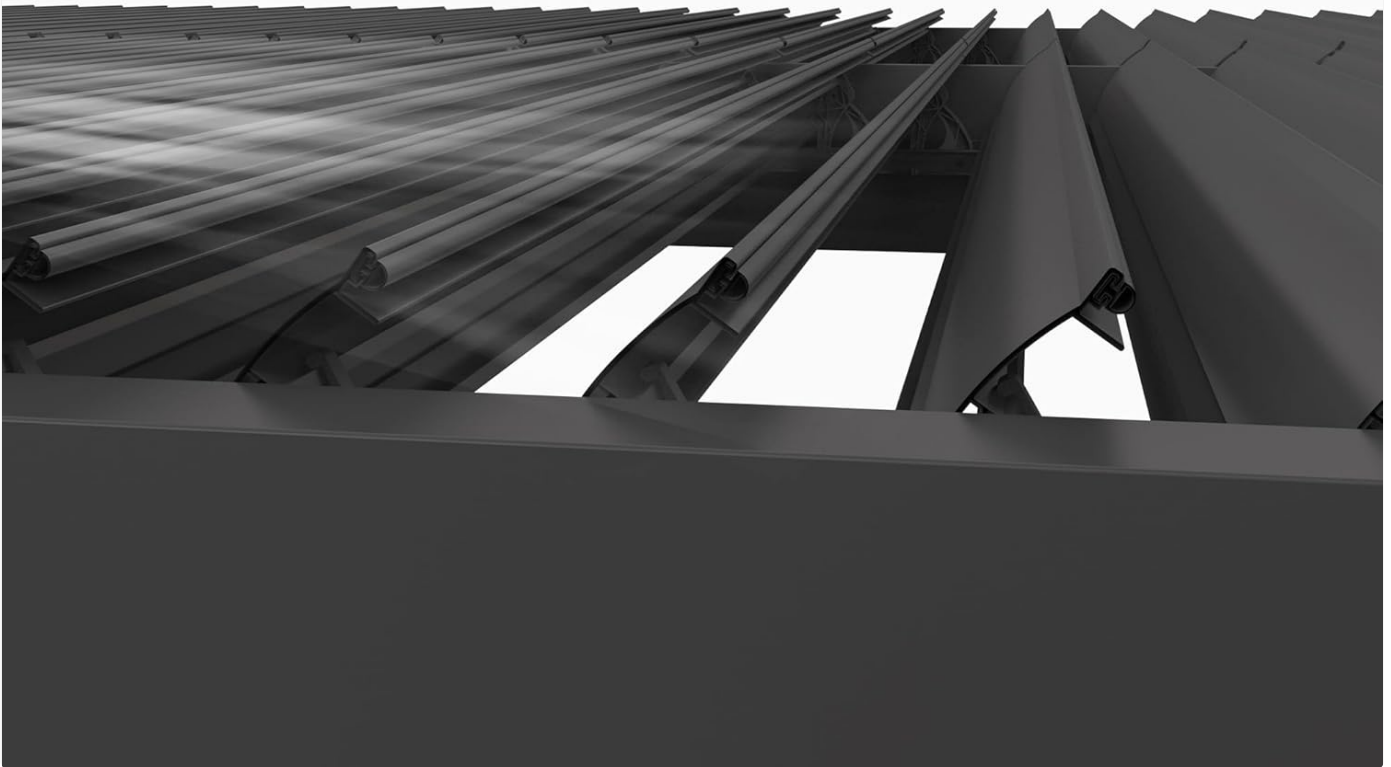


Figure 7: Aluminum louvers designed for efficient rainwater drainage.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your PURPLE LEAF Bioclimatic Pergola.

- **Cleaning:** Clean the aluminum frame and louvers periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish. Rinse thoroughly with clean water.
- **Inspection:** Annually inspect all bolts, screws, and connections to ensure they are tight. Re-tighten if necessary. Check the louvers and crank mechanism for smooth operation.
- **Drainage System:** Ensure the drainage grooves on the louvers and within the frame are free from debris (leaves, dirt) to allow for proper water runoff.
- **Winter Care:** In areas with heavy snowfall, it is recommended to keep the louvers open to prevent snow accumulation, which could put excessive stress on the structure.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Louvers are difficult to adjust or stuck.	Debris in the mechanism, loose connections, or corrosion.	Clean the louver mechanism. Check and tighten all connections. Apply a silicone-based lubricant if necessary.
Water accumulates on the roof.	Drainage grooves are blocked by debris.	Clear any leaves, dirt, or other obstructions from the louver drainage channels and frame.
Pergola feels unstable or wobbly.	Loose anchor bolts or frame connections.	Inspect and re-tighten all anchor bolts and frame connections. Ensure the base is securely fastened to a stable surface.
Noise during wind.	Loose components or louvers not fully closed/open.	Ensure all connections are tight. Fully open or close the louvers during windy conditions as per safety instructions.

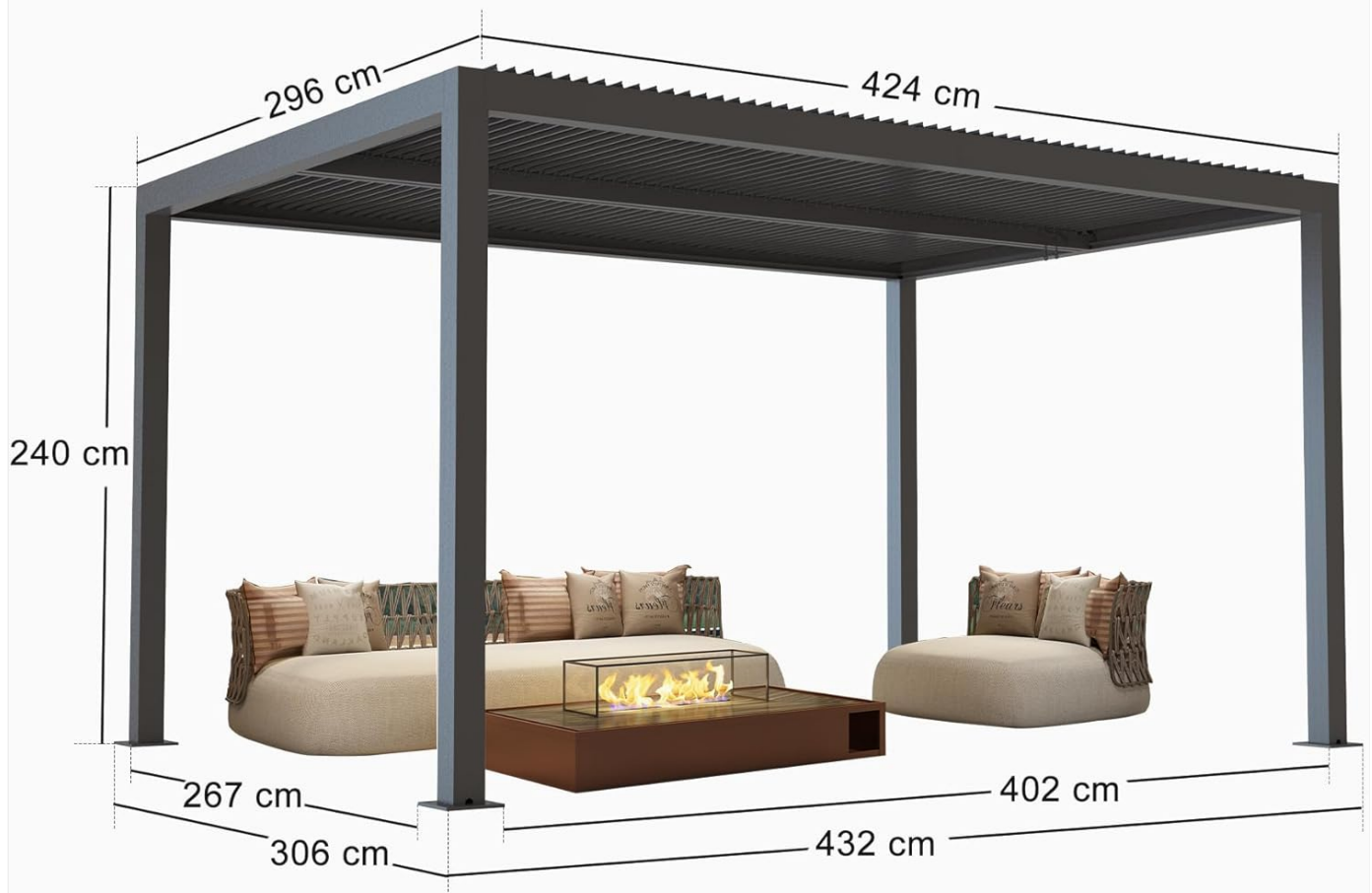
If you encounter issues not listed here or require further assistance, please contact PURPLE LEAF customer support.

7. SPECIFICATIONS

Below are the technical specifications for the PURPLE LEAF Bioclimatic Pergola (Model: 4.24 x 3 m).

Feature	Detail
Model	4.24 x 3 m
Brand	PURPLE LEAF
Material	Aluminum (Powder-coated)
Color	Grey
Floor Area	12.72 m ²
Water Resistance Level	Waterproof
Wind Resistance	Up to Force 7
Assembly Required	Yes
Louver Adjustment	Manual Crank
Drainage System	Integrated within louvers and frame

Dimensioni del Prodotto



Pilastro : 11 x 11 cm

Base : 18 x 18 cm

Figure 8: Product dimensions overview.

8. WARRANTY INFORMATION

PURPLE LEAF products are manufactured to high-quality standards. For specific warranty details regarding your bioclimatic pergola, please refer to the warranty card included with your purchase or visit the official PURPLE LEAF website. Keep your proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

Should you have any questions, require assistance with assembly, or need to report a missing/damaged part, please contact PURPLE LEAF customer support.

- **Online Support:** Visit the official PURPLE LEAF website for FAQs and contact information.
- **Email:** Refer to your purchase documentation for the customer service email address.
- **Phone:** Refer to your purchase documentation for customer service phone numbers.

Please have your model number (4.24 x 3 m) and proof of purchase ready when contacting support.

10. PRODUCT VIDEO

Watch the official product video for a visual overview of the PURPLE LEAF Bioclimatic Pergola.

Your browser does not support the video tag.

Video: "Il gazebo è il tuo piccolo paradiso" - This video provides a general overview of the pergola's features and aesthetic appeal in various outdoor settings.



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