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PURPLE LEAF 94AS 12' x 20'

PURPLE LEAF Louvered Pergola 94AS Instruction Manual

Model: 94AS 12' x 20'

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1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your PURPLE LEAF Louvered Pergola 94AS. This 12' x 20' outdoor aluminum pergola features an adjustable louvered roof and a fixed shutter wall, designed to enhance your outdoor living space. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1.1: The PURPLE LEAF Louvered Pergola 94AS 12' x 20' provides a versatile outdoor living area.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing injury and damage to the pergola:

- Always assemble and secure the pergola to a stable and level foundation. Use expansion screws on hardened floors for maximum stability.
- Do not adjust the louvered roof in windy conditions to prevent damage to the mechanism or structure.
- Keep children and pets away from the pergola during assembly, disassembly, and adjustment procedures.
- Do not use the pergola in winds exceeding 72 mph. Ensure the louvered roof is fully closed and secured during high winds.

3. PRODUCT FEATURES

The PURPLE LEAF Louvered Pergola 94AS is engineered with several key features for optimal outdoor comfort and durability:

- **Aluminum Adjustable Louvered Roof:** Features two independent adjustable roofs, controlled by adjustable poles, allowing for effortless adjustment from 0° to 90°. This provides flexible protection against sun, rain, and wind.
- **Integrated Drainage System:** Rainwater is efficiently diverted off the frame's edges to the four columns through a built-in system, then discharged to the ground via notches at the bottom, preventing pooling.
- **Premium Material & Construction:** Constructed from a powder-coated aluminum frame, resistant to scratching, peeling, corrosion, and rusting. The structure is designed to withstand wind speeds up to 72 mph when properly secured.
- **Shutter Wall:** Includes shutters designed to provide privacy and block direct sunlight, making it suitable for various outdoor settings.
- **Flexibility:** Offers options to customize with groups of three, five, or more louvered grilles to enhance design and functionality.

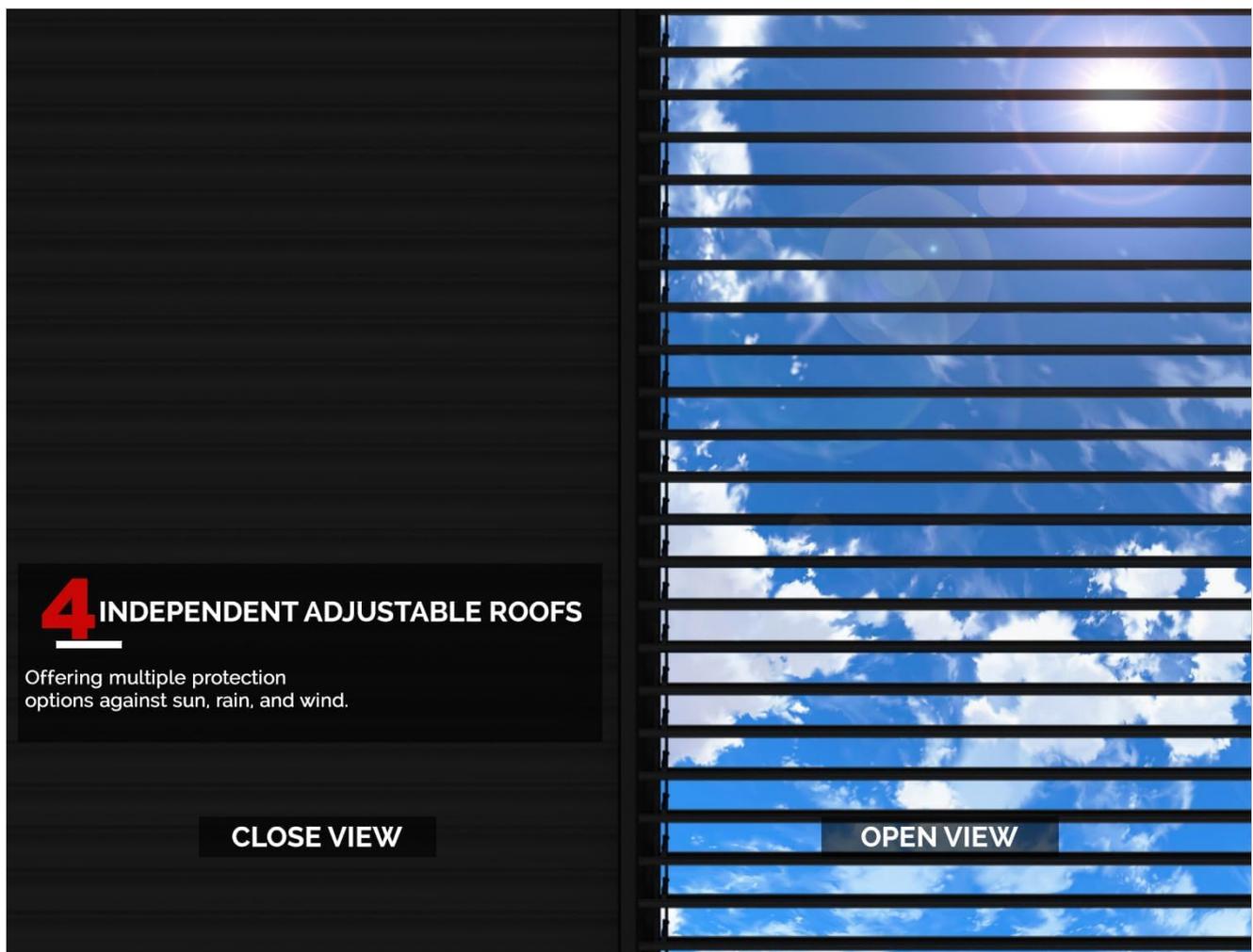


Figure 3.1: The independent adjustable louvered roofs offer versatile environmental control.



Figure 3.2: The integrated drainage system ensures efficient water runoff.

4. SETUP AND ASSEMBLY

Assembly of the PURPLE LEAF Louvered Pergola requires careful attention to detail and a stable, level surface. It is recommended to have at least two to three people for assembly due to the size and weight of components.

4.1 Site Preparation

Ensure the installation area is flat, level, and capable of supporting the pergola's weight. For optimal stability, especially in windy conditions, the pergola should be bolted to a concrete patio or wooden deck using appropriate anchors and expansion screws (not always included, check packaging).

4.2 Component Identification

Unpack all components and verify against the parts list provided in your specific assembly guide. Each piece is protected by a plastic layer that should be carefully peeled off.

WELL-DESIGNED LOUVERS

Optimal size and shape reduces the effects of wind resistance and drag

Withstands winds of up to **72** mph when fully secured
to a hard floor with expansion screws

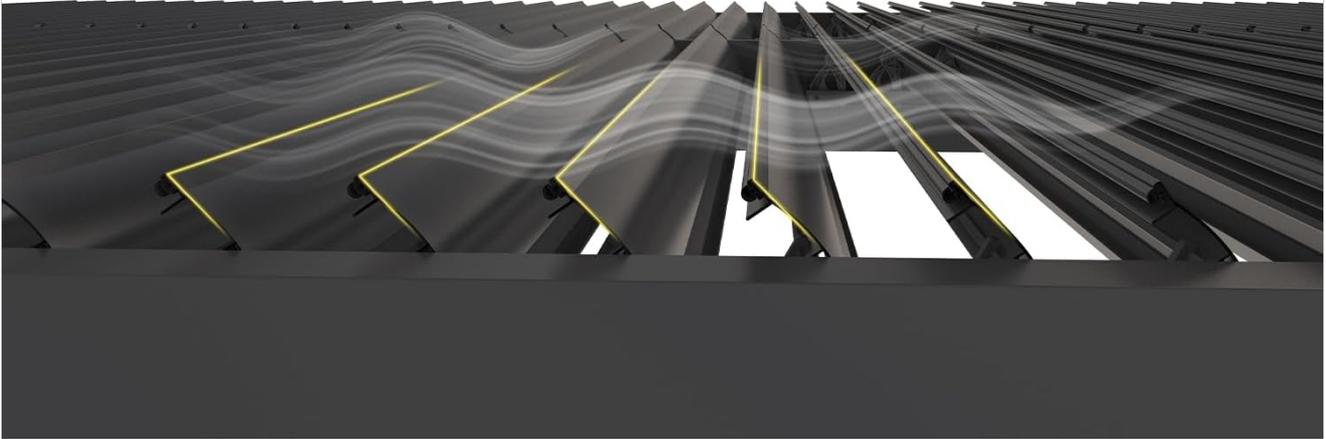


Figure 4.1: Refer to the dimension diagram for accurate measurements during site preparation.

4.3 Assembly Tools

While some basic tools may be included, it is highly suggested to have a good Philips screwdriver and 10mm hex tools for easier and more secure assembly.

4.4 Structural Integrity

The pergola features thick 4.33" x 4.33" columns and multiple support beams for enhanced stability and durability. Ensure all connections are tightened securely during assembly.

4.33" × 4.33" Thick Columns

More stable and durable



PURPLE LEAF



Figure 4.2: Thick columns contribute to the pergola's stability.



Figure 4.3: Multiple support beams ensure a stable frame in various weather conditions.

5. OPERATING INSTRUCTIONS

5.1 Adjusting the Louvered Roof

The pergola features two independent louvered roof sections. Use the provided adjustable poles to rotate the louvers from a fully open (0°) position, allowing maximum sunlight, to a fully closed (90°) position for complete shade and rain protection. Ensure smooth operation and avoid forcing the mechanism.

Concealed Water Gutter Design

Directs rainwater off the frame's edges to the columns' bottom, preventing pooling on the roof and enhancing aesthetics.



Figure 5.1: The well-designed louvers can be adjusted for desired shade and weather protection.

5.2 Utilizing the Shutter Wall

The fixed shutter wall provides additional privacy and blocks direct sunlight from one side. This feature is static and does not require adjustment.

5.3 Waterproofing

When the louvered roof is fully closed, the pergola is designed to be waterproof, directing rainwater through its integrated drainage system. Always ensure the louvers are completely closed during rain to keep the area underneath dry.

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Video 5.1: Demonstration of the pergola's waterproofing capability during a rainstorm when the louvers are closed.

6. MAINTENANCE

Regular maintenance will prolong the life and appearance of your PURPLE LEAF Louvered Pergola.

- **Cleaning:** Clean the powder-coated aluminum frame and louvers periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Drainage System:** Inspect the integrated drainage system regularly to ensure it is free from debris such as leaves or dirt, which could obstruct water flow.
- **Fasteners:** Periodically check all bolts and screws to ensure they remain tight, especially after strong winds or heavy use.



Figure 6.1: The powder-coated aluminum construction requires simple cleaning for upkeep.

7. TROUBLESHOOTING

If you encounter any issues with your pergola, refer to the following common solutions:

- **Water Leakage:** Ensure the louvered roof is fully closed and properly aligned. Check the drainage channels for any blockages.
- **Difficulty Adjusting Louvers:** Inspect the adjustable poles and louver mechanisms for any obstructions or damage. Apply a silicone-based lubricant if movement is stiff.
- **Structural Instability:** Verify that all connection points are securely fastened and that the pergola base is firmly anchored to a stable surface.

For issues not covered here, or if problems persist, please contact PURPLE LEAF customer support.

8. SPECIFICATIONS

Attribute	Detail
Brand	PURPLE LEAF
Model	94AS
Material	Aluminum & Aluminum Shutter Wall
Style	Modern
Product Dimensions	232.6"L x 144.7"W x 94.32"H (12' x 20')
Item Weight	902 Pounds
Frame Material	Aluminum
Water Resistance Level	Water Resistant
Shape	Rectangular
Ultraviolet Light Protection	Yes
Assembly Required	Yes
Color	Gray Shutter Wall (1W)
Floor Area	234.54 Square Feet

9. SUPPORT AND WARRANTY

For any questions, missing parts, or assistance with assembly and operation, please contact PURPLE LEAF customer service. Many users have reported positive experiences with their prompt and thorough responses.

This product typically comes with a 30-day return/replacement policy. Please refer to your purchase documentation for specific warranty details and terms.

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Video 9.1: An overview showcasing the versatility and aesthetic appeal of PURPLE LEAF louvered pergolas in various outdoor settings.

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Video 9.2: A customer's perspective on creating a chic patio space with a louvered pergola, demonstrating its use for relaxation and entertainment.

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Video 9.3: A review highlighting the sturdy construction and aesthetic appeal of the pergola in a backyard setting.

