PURPLE LEAF 94AS

PURPLE LEAF Louvered Pergola 94AS

Outdoor Aluminum Pergola with Adjustable Roof

Introduction

Thank you for choosing the PURPLE LEAF Louvered Pergola 94AS. This manual provides essential information for the safe assembly, operation, and maintenance of your new outdoor structure. Designed for durability and versatility, this 12' x 16' aluminum pergola offers an adjustable louvered roof and an integrated drainage system, creating a perfect outdoor living space for your deck, backyard, or garden.



Figure 1: The PURPLE LEAF Louvered Pergola 94AS providing a stylish outdoor living area.

Safety Information

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

- **Secure Installation:** Ensure the pergola is securely anchored to a hardened, level surface using appropriate expansion screws. This product is designed to withstand wind speeds of up to 65 mph when properly secured.
- **Two-Person Assembly:** Assembly requires at least two adults for safety and ease of installation due to the size and weight of components.
- **Component Handling:** Handle all components with care to prevent scratches or damage. Wear appropriate safety gear, such as gloves, during assembly.
- **Clearance:** Maintain adequate clearance around the pergola for safe operation of the louvered roof and any optional accessories.
- **Regular Inspection:** Periodically inspect all fasteners and connections to ensure they remain tight and secure.

Components List

Before beginning assembly, verify that all parts are present and undamaged. Refer to the packing list provided with your product for a complete inventory.

Component	Description	Quantity

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Aluminum Frame Beams	Main structural supports	Varies by size
Aluminum Columns	Vertical support posts (4.33" x 4.33" thick)	4
Adjustable Louvered Roof Panels	Individual panels for roof adjustment	Varies by size
Adjustable Poles	Mechanism for louver adjustment	2
Integrated Drainage System Components	Internal gutters and downspouts	Set
Hardware Kit	Screws, bolts, washers, nuts, expansion screws	Set



Figure 2: Illustration of the robust 4.33" x 4.33" thick aluminum columns, ensuring stability and durability.

Setup and Assembly

The PURPLE LEAF Louvered Pergola is designed for straightforward assembly. While instructions are simplified, having the right tools and assistance will greatly facilitate the process.

Required Tools (Not Included):

- Good quality Phillips head screwdriver
- 10mm hex tools (wrenches or sockets)
- Level
- Measuring tape
- Drill (for anchoring to hardened surfaces)

Assembly Steps:

1. **Site Preparation:** Ensure your chosen installation area is a stable, level surface. Uneven surfaces can compromise the pergola's stability and functionality.
2. **Unpack and Organize:** Carefully unpack all boxes and lay out components according to the provided

instruction manual. Identify each part using the part numbers.

3. **Frame Assembly:** Assemble the main aluminum frame structure by connecting the beams and columns. Follow the step-by-step diagrams in your manual.
4. **Louver Installation:** Install the adjustable louvered roof panels onto the frame. Ensure they are correctly aligned for smooth operation.
5. **Drainage System Setup:** Connect the integrated drainage system components, ensuring all channels are clear and properly sealed to direct rainwater to the columns.
6. **Anchoring:** Securely anchor the pergola to your hardened surface using the provided expansion screws. This is crucial for stability, especially in windy conditions.



Figure 3: Detailed dimensions of the pergola for accurate planning and assembly.

Operating Instructions

The PURPLE LEAF Louvered Pergola features an intuitive design for adjusting your outdoor environment.

Adjusting the Louvered Roof:

- Your pergola is equipped with two independent adjustable roofs. Use the adjustable poles to effortlessly rotate the louver panels.
- The louvers can be adjusted from 0° (fully closed) to 90° (fully open).
- **Fully Open (90°):** Allows maximum sunlight and airflow. Ideal for enjoying clear skies.
- **Partially Open:** Provides filtered shade and gentle breeze. Adjust to your desired level of sun exposure.
- **Fully Closed (0°):** Offers complete shade and protection from rain. Ensure louvers are fully closed during rain to activate the drainage system.



Figure 4: The adjustable louvered roof offers multiple protection options against sun, rain, and wind.

Integrated Drainage System:

- When the louvers are fully closed, rainwater is collected and diverted through the built-in integrated drainage system.

- Water flows from the roof edges into internal gutters within the frame.
- The collected water is then channeled down through the interior of the four columns.
- Finally, the water is discharged to the ground through discreet notches at the bottom of each column, preventing pooling on the roof.



Figure 5: The efficient concealed drainage system ensures the area beneath the pergola remains dry.

Official Product Videos:

Video 1: Louvered Pergola: The Most Chic Patio Space. This video showcases the aesthetic appeal and functional benefits of the louvered pergola in various patio settings, demonstrating its ability to transform outdoor spaces.

Video 2: Elevate Your Outdoor Space: Louvered Pergola Magic! This video highlights the ease of use and the transformative effect of the louvered pergola, illustrating how it enhances outdoor living with adjustable shade and protection.

Maintenance

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

- **Cleaning:** Clean the powder-coated aluminum frame and louver panels 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 the integrated drainage system for any debris (leaves, dirt) that might obstruct water flow. Clear any blockages to ensure efficient water diversion.
- **Fasteners:** Inspect all screws and bolts every few months, especially after strong winds or heavy rain. Tighten any loose fasteners to maintain structural integrity.
- **Louver Mechanism:** Keep the louver adjustment mechanism clean and free of debris. Lubricate moving parts if necessary with a silicone-based spray to ensure smooth operation.
- **Winter Care:** In areas with heavy snowfall, it is recommended to keep the louvers in a partially open position to prevent snow accumulation and potential damage to the roof structure. Clear heavy snow loads promptly.

Troubleshooting

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

- **Water Pooling on Roof:**
  Possible Cause: Louvers not fully closed during rain.
  Solution: Ensure louvers are completely closed (0° position) to activate the internal drainage system. Check for any obstructions in the drainage channels or column base notches.
- **Difficulty Adjusting Louvers:**
  Possible Cause: Debris in the mechanism or lack of lubrication.
  Solution: Clean the louver mechanism thoroughly. Apply a silicone-based lubricant to moving parts. Ensure no panels are misaligned or jammed.

- **Pergola Feels Unstable/Wobbly:**
  Possible Cause: Loose anchor bolts or uneven installation surface.
  Solution: Re-check all anchor points and tighten any loose expansion screws. Verify that the installation surface is level. If necessary, consult a professional for re-installation.
- **Scratches or Peeling Finish:**
  Possible Cause: Abrasion or impact.
  Solution: The powder-coated aluminum is highly resistant, but minor scratches can occur. Touch-up paint may be available from the manufacturer. For significant damage, contact customer support.

Specifications

Feature	Detail
Brand	PURPLE LEAF
Model	94AS
Material	Aluminum, Alloy Steel, Metal
Style	Modern
Product Dimensions (L x W x H)	188.84"L x 144.62"W x 94.32"H (12' x 16')
Item Weight	556 Pounds
Water Resistance Level	Water Resistant
Shape	Rectangular
Ultraviolet Light Protection	UV Resistant
Assembly Required	Yes
Color	Gray

Warranty and Support

For warranty information, product support, or to order replacement parts, please contact PURPLE LEAF customer service directly. Keep your purchase receipt and model number (94AS) readily available for faster service.
You can typically find contact information on the PURPLE LEAF official website or through the retailer where you purchased the product. The seller for this product is PURPLELEAFSHOP.

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