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PURPLE LEAF Louvered Pergola 14' x 20'

PURPLE LEAF Louvered Pergola 14' x 20' Instruction Manual

Model: Louvered Pergola 14' x 20'

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, maintenance, and troubleshooting of your PURPLE LEAF Louvered Pergola 14' x 20'. Please read all instructions carefully before beginning assembly and retain this manual for future reference.



Image: The PURPLE LEAF Louvered Pergola 14' x 20' providing shade over an outdoor seating area.

SAFETY INFORMATION

Adhere to the following safety guidelines during assembly and use:

- Always follow assembly instructions carefully.
- Secure the pergola to a stable foundation to prevent tipping in windy conditions.
- Be cautious of the hidden water gutter design to avoid tripping hazards.
- Keep the area around the pergola clear of debris to prevent fire hazards.
- In high wind conditions (e.g., 60 mph or higher), it is recommended to open the louvers to reduce wind resistance.

SETUP AND ASSEMBLY

Assembly of the PURPLE LEAF Louvered Pergola is required. While the process is designed to be straightforward, having at least two people for assembly is highly recommended, especially for lifting and connecting beams. It is advisable to allocate sufficient time for assembly, which can typically be completed within one day under favorable conditions.

Pre-Assembly Checklist:

- **Unpack and Inspect:** Carefully unpack all components and inspect them for any damage or missing parts. Contact

customer service immediately if any issues are found.

- **Tools Required:** Ensure you have all necessary tools as specified in the included assembly guide.
- **Clear Workspace:** Prepare a clear, level area for assembly. The pergola comes in multiple large, heavy boxes, so ensure ample space for delivery and unpacking.
- **Foundation:** Plan for securing the pergola to a stable and level foundation.

Dimensions

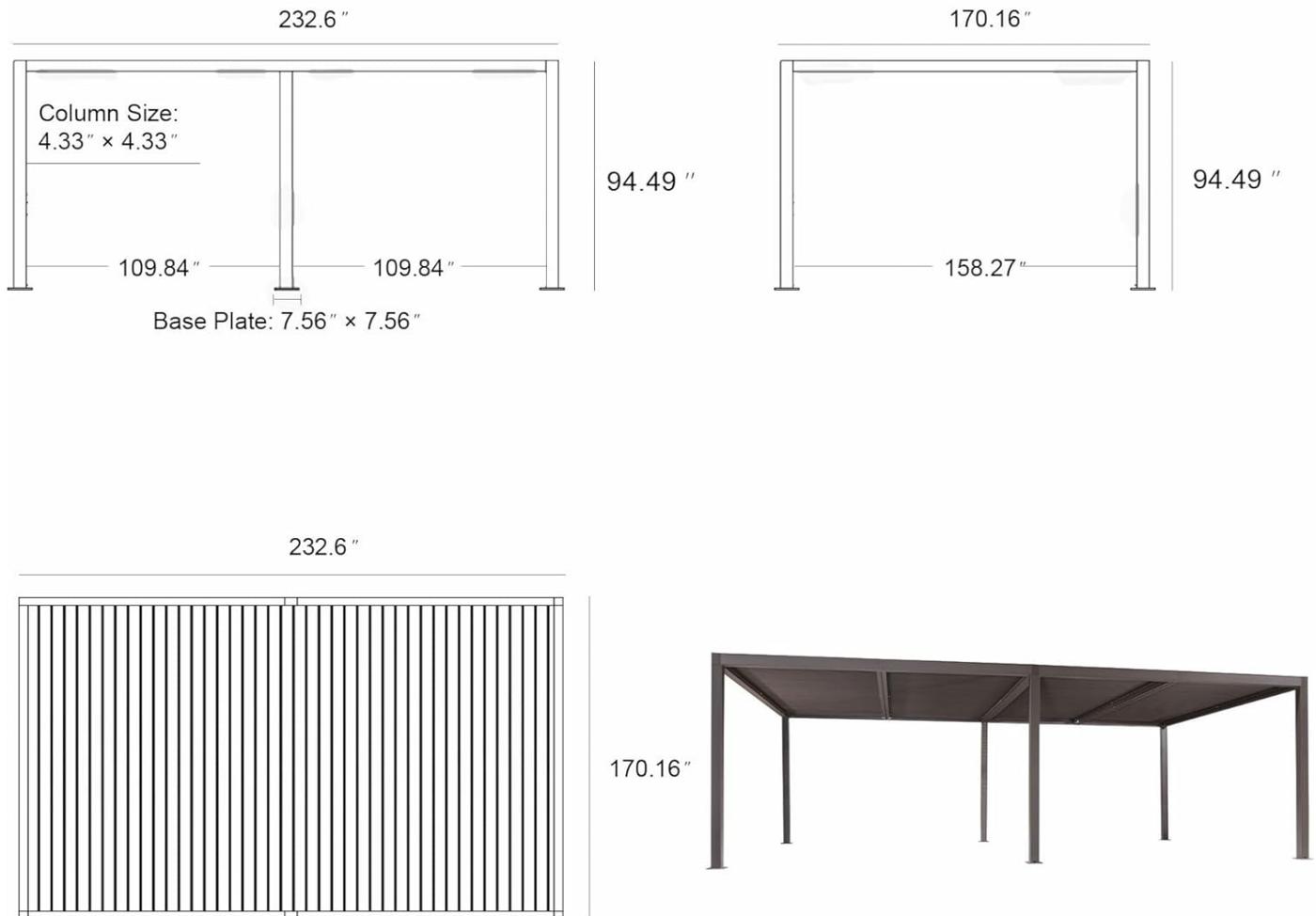


Image: Detailed dimensions and structural layout of the pergola.

Key Structural Features:

- **Reinforced Construction:** The pergola features a durable aluminum framework with three improved larger beams, designed to withstand winds up to 60 mph.
- **Wider Frame:** The columns are 4.33" x 4.33", providing enhanced stability compared to standard frames.

Three Stronger Supportive Beams

Width up to **5.12"**

The aluminum beam contributes extra support to keep the frame stable in all weather conditions.



Image: View of the three stronger supportive beams integrated into the pergola's roof structure.



4.33" × 4.33"

Wider Frame

Provide greater stability even under heavy loads or strong winds.

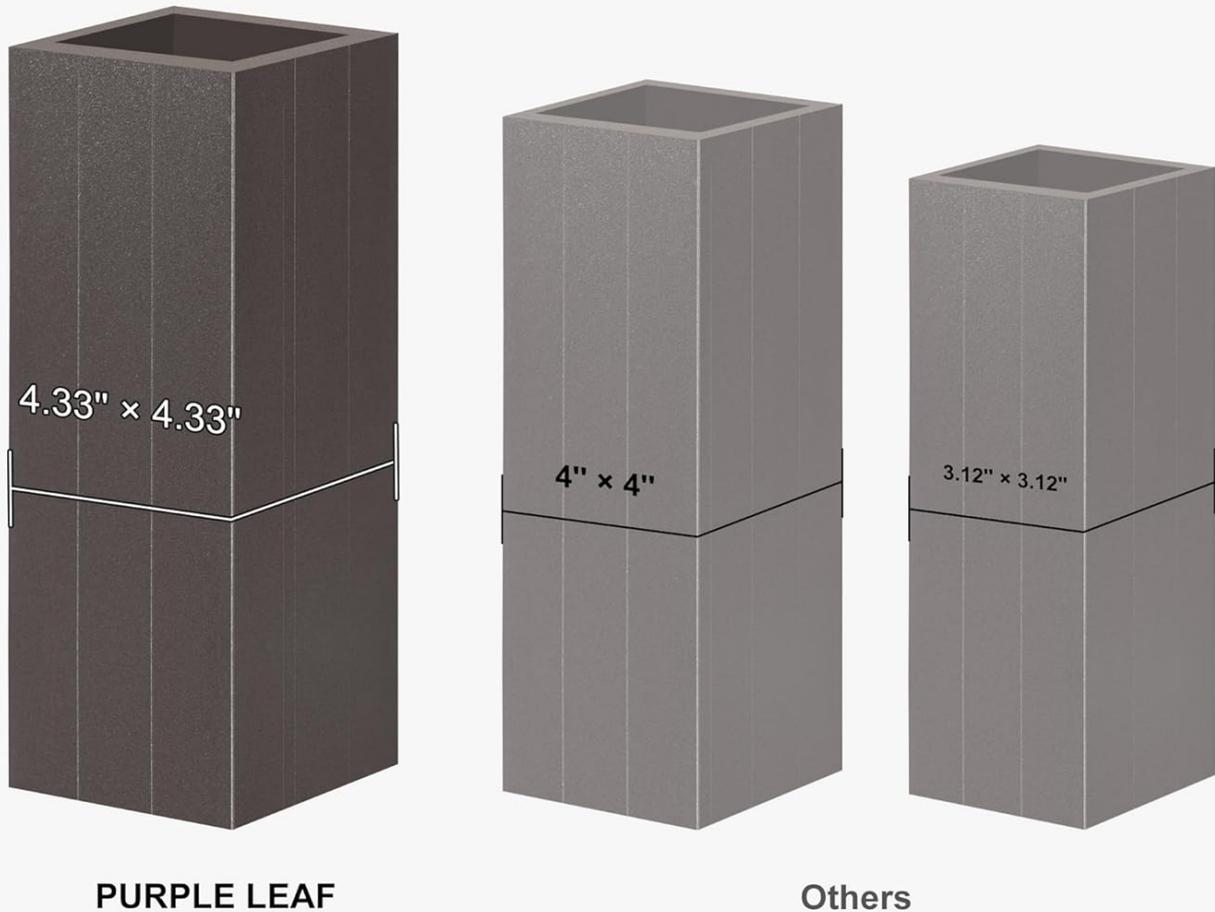


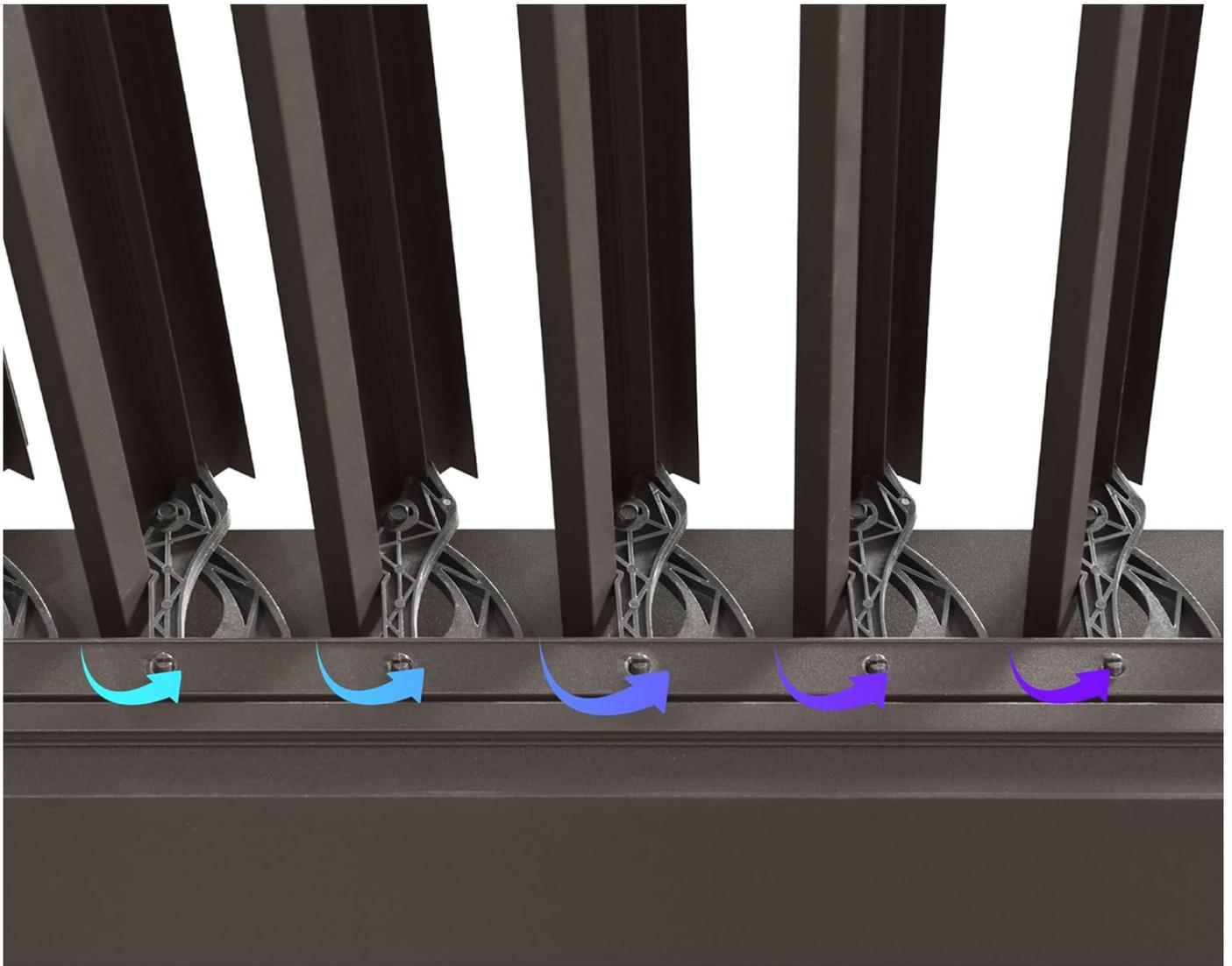
Image: Visual comparison highlighting the wider 4.33" x 4.33" frame columns of the PURPLE LEAF pergola for increased stability.

OPERATING INSTRUCTIONS

Your PURPLE LEAF Louvered Pergola is equipped with adjustable louvers and an integrated water gutter system for optimal outdoor comfort and functionality.

Adjustable Louvers:

- The pergola features four independent adjustable louver roofs, allowing you to customize the shade and light in different areas of your patio.
- Louvers can be adjusted from 0° (fully open) to 90° (fully closed) using the provided crank mechanism.
- To adjust, insert the crank into the designated hook and rotate to open or close the louvers. You can choose to open all four sections, close them completely, or adjust individual sections as desired.



Adjustable Louvers

0° to 90°

You can tune the shade-to-light ratio to your liking.

Image: A detailed view of the pergola's adjustable louvers, illustrating their range of motion from 0 to 90 degrees.

Four Independent Louver Roofs

The unique 4-panel louver system allows you to control your shading area.



Image: An overhead diagram illustrating the four independent louver roof sections, allowing for customized shade control.

Hidden Water Gutter System:

- The advanced integrated drainage system efficiently diverts rainwater from the louvers into the posts in four directions.
- Water then flows through the posts and exits at the base, preventing accumulation on the roof.
- Ensure the drainage exits at the base of the posts remain clear of debris for proper function.

Built-in Gutter System

Rainwater runs off the ground through hidden drain gutters to avoid water pooling on rainy days.



Image: A diagram illustrating the hidden water gutter system, showing how rainwater is collected from the louvers and channeled through the posts to the ground.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your PURPLE LEAF Louvered 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.
- **Gutter System:** Regularly inspect and clear the hidden water gutter system and post drainage exits of any leaves, dirt, or debris to prevent blockages and ensure proper water runoff.
- **Louver Mechanism:** The louver operation should remain smooth. If you notice any stiffness, ensure no debris is obstructing the mechanism.
- **Frame Inspection:** Periodically check all bolts and connections to ensure they remain tight.
- **Material Properties:** The pergola is constructed from premium aluminum, which is rust-resistant, durable, scratch-resistant, slip-resistant, and fade-resistant, minimizing the need for extensive material-specific treatments.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Water accumulation on roof / Gutter leaks	Blocked gutter system or extreme torrential downpour exceeding system capacity.	Clear any debris from the gutter system and drainage exits. For extreme downpours, some overflow may occur; consider applying waterproof marine tape to interior gutter joints during assembly for added protection.
Pergola instability in wind	Louvers are closed during high winds; improper anchoring.	Always open louvers in high wind conditions (above 60 mph) to reduce wind resistance. Ensure the pergola is securely anchored to a stable foundation as per assembly instructions.
Difficulty adjusting louvers	Obstruction in the louver mechanism; mechanism requires cleaning.	Inspect the louver tracks and mechanism for any debris (leaves, dirt) and remove them. Clean the mechanism with a damp cloth if necessary.
Missing or damaged parts upon delivery	Shipping damage or packaging error.	Immediately contact PURPLE LEAF customer service with details and photos of the issue. They are known for prompt and helpful support.

SPECIFICATIONS

Feature	Detail
Brand	PURPLE LEAF
Model	Louvered Pergola 14' x 20'
Material	Aluminum
Frame Material	Aluminum
Color	Bronze
Product Dimensions (L x W x H)	235.91" x 170.16" x 94.32"
Floor Area	280 Square Feet
Water Resistance Level	Water Resistant
Ultraviolet Light Protection	95%
Assembly Required	Yes
Wind Resistance	Withstands up to 60 mph winds (with louvers open)

WARRANTY AND SUPPORT

Warranty: The PURPLE LEAF Louvered Pergola comes with a 1-year warranty for frame construction, covering manufacturing defects.

Customer Support: For any questions regarding assembly, missing parts, or product issues, please contact PURPLE LEAF customer service. They are committed to providing excellent support and assistance.

Note: PURPLE LEAF does not offer installation services. Any installation services mentioned on the order page are provided by third parties.

