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PURPLE LEAF 10' x 12' Louvered Pergola

PURPLE LEAF 10' x 12' Louvered Pergola

Model: 10' x 12' LED Bronze

INTRODUCTION

Thank you for choosing the PURPLE LEAF 10' x 12' Louvered Pergola. This manual provides essential information for the safe assembly, operation, and maintenance of your new outdoor structure. Please read these instructions thoroughly before beginning assembly and retain them for future reference.



Image: The PURPLE LEAF 10' x 12' Louvered Pergola provides a shaded outdoor living space, shown here next to a swimming pool with patio furniture.

SAFETY INFORMATION

Always follow basic safety precautions when assembling and using this product to reduce the risk of injury or damage. This pergola is designed for outdoor use only.

- Ensure all components are securely fastened before use.
- Do not climb on the pergola structure.
- Keep children and pets away from the assembly area.
- In strong winds or heavy snow, it is recommended to open the louvers to prevent damage to the structure.
- Consult local building codes and regulations before installation.

PACKAGE CONTENTS

Verify that all parts are present and undamaged before beginning assembly. Refer to the separate parts list included

in your packaging for detailed component identification.

- Aluminum Frame Components (Posts, Beams, Crossbars)
- Louver Blades
- Louver Control Mechanisms
- Integrated LED Lighting System
- Solar Panel and USB Connection Board
- Drainage System Components (Gutters, Downspouts)
- Fasteners and Tools (Allen wrenches, etc.)

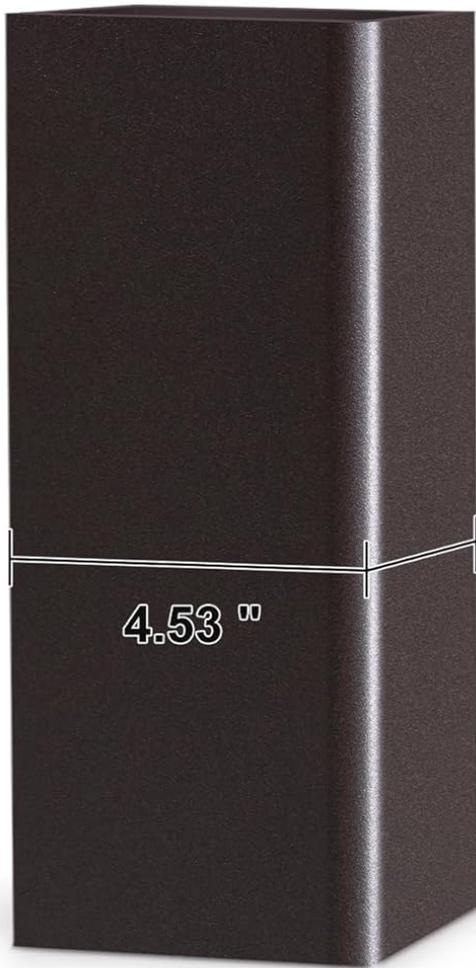
SETUP AND ASSEMBLY

Assembly requires at least two people. Follow the step-by-step instructions provided in the separate assembly manual. Do not fully tighten all bolts until the entire frame is assembled to allow for proper alignment.

1. **Site Preparation:** Choose a level surface for installation. Ensure adequate clearance around the pergola.
2. **Unpacking:** Carefully unpack all boxes and identify components using the parts list.
3. **Frame Assembly:** Assemble the main posts and beams. Note that the 4.53-inch widened columns enhance stability.
4. **Louver Installation:** Install the louver blades and their control mechanisms. The pergola features multiple independent louver roofs for flexible shade control.
5. **Drainage System:** Connect the integrated drainage system to ensure rainwater is channeled away effectively.
6. **Electrical Connections:** Install the solar panel and connect the LED lighting system. The control board includes a USB interface for additional power needs.
7. **Final Tightening:** Once the entire structure is aligned, securely tighten all fasteners.

15% Wider Frame

Reinforced frame handles winds up to 70 mph and 2.4 inches of snow.



PURPLE LEAF

4.53" x 4.53"



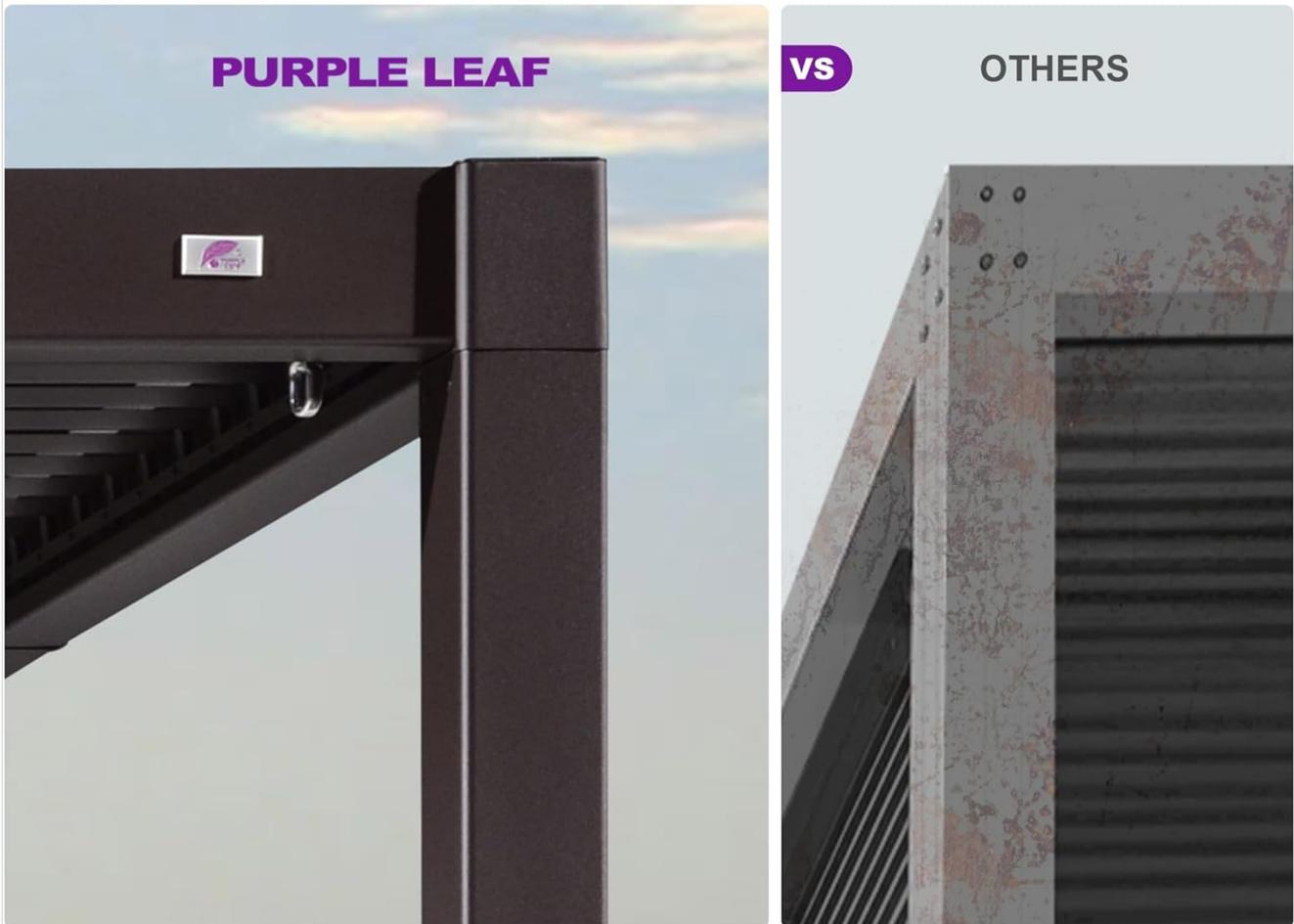
OTHERS

4" x 4"

Image: The PURPLE LEAF pergola features a 4.53-inch widened column, providing enhanced sturdiness compared to standard 4-inch columns.

ALL-aluminum Frame

Offers strong protection against weathering and aging maintaining a fresh appearance for years.



Not easy to fade



Easy to maintain



Long service life

× — Exposed Screws

× — Ordinary Iron

Image: The pergola is constructed with an all-aluminum frame, designed for long service life and resistance to weathering, unlike ordinary iron frames that may rust.

OPERATING INSTRUCTIONS

Louver Adjustment

The aluminum louvered roof can be adjusted from 0° to 85° to control sunlight and shading. This allows you to avoid direct sun exposure or open the louvers for full sun.

Manual Control System

The locking mechanism with high-quality components ensures easy and smooth operation of the louvers.

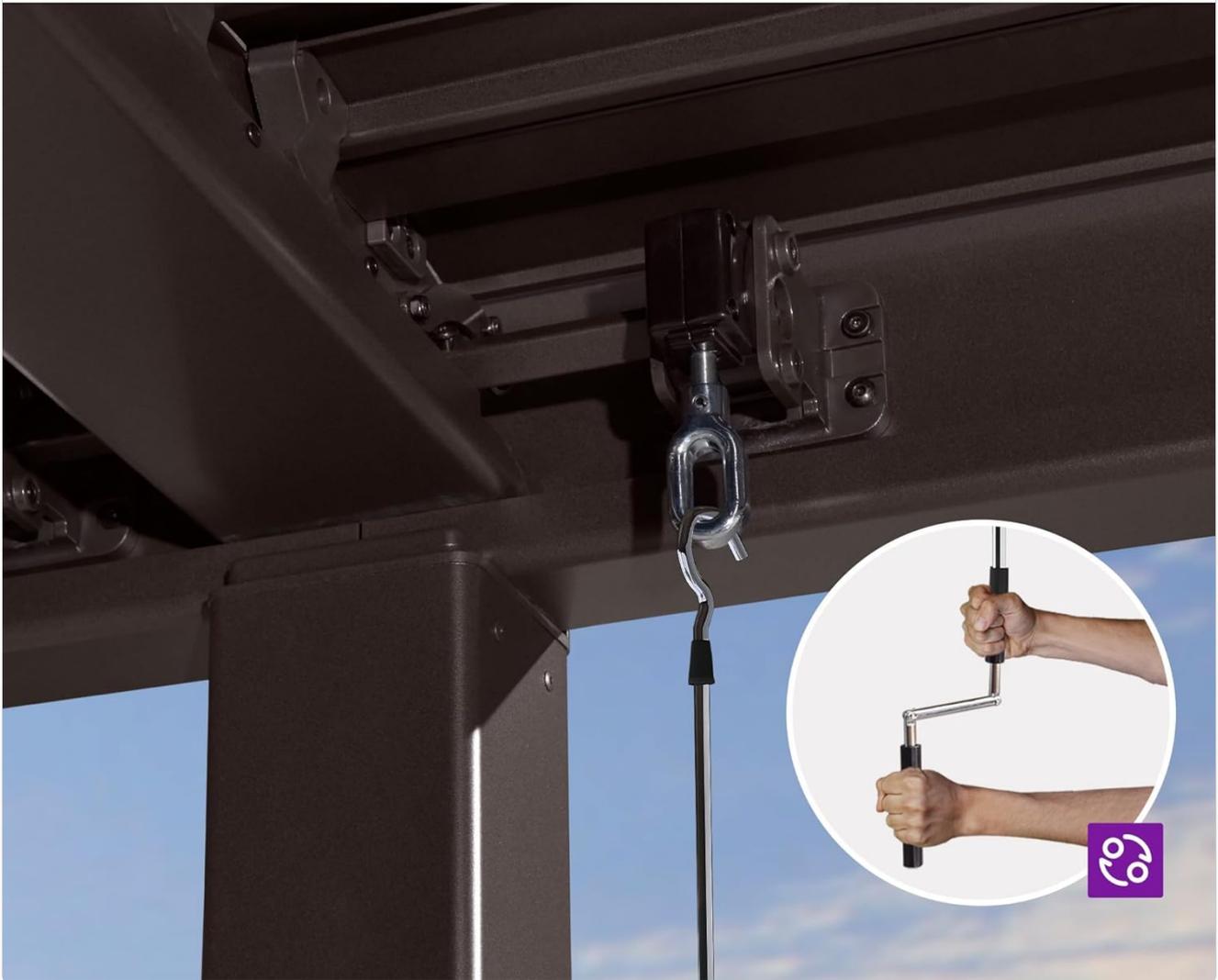


Image: The manual control system features a crank handle for easy and smooth operation of the louver blades.

Multiple Independent Louver Roofs

Two independent louvers control sections allow you to flexibly meet your optimal shade.



Image: The pergola features multiple independent louver roofs, allowing for flexible control over shade in different sections.

LED Lighting System

The integrated LED lighting system offers three adjustable modes: 3-level brightness and 3-color temperature options (Cool, Neutral, Warm). Use the control panel to select your desired ambiance.

Adjustable Lighting

3 Color temps with 3 brightness levels



Cool

Neutral

Warm



Image: The adjustable lighting system offers three color temperatures and three brightness levels to customize your outdoor environment.

Solar Power and USB Connection

The LED lights are powered by a solar panel. The column installation control board also features a USB interface, which can supply power to other devices.

MAINTENANCE

Regular maintenance will prolong the life and appearance of your pergola.

- **Cleaning:** Clean the aluminum frame and louvers with mild soap and water. Avoid abrasive cleaners or harsh chemicals.
- **Drainage System:** Periodically check the hidden rainwater collection system and gutters for debris to ensure efficient drainage.
- **Fasteners:** Inspect all bolts and connections annually and tighten if necessary.
- **Winter Care:** In areas with heavy snowfall, it is advisable to open the louvers to prevent snow accumulation and potential damage to the roof structure.

Stay Dry At All Time

Rainwater from the hardtop roof is channeled through gutters to the ground.



Image: The efficient drainage system channels rainwater from the hardtop roof through hidden gutters to the ground, preventing pooling.

TROUBLESHOOTING

- **Louvers not operating smoothly:** Check for obstructions in the louver mechanism. Ensure all fasteners are properly tightened but not overtightened, which could cause binding.
- **Water pooling on roof:** Verify that the drainage system is clear of debris and properly installed. Ensure the pergola is level.
- **LED lights not working:** Check the solar panel for obstructions and ensure it receives adequate sunlight. Verify all electrical connections are secure. Ensure the battery is charged.
- **Pergola feels unstable:** Re-check all frame connections and ensure they are securely tightened. Confirm the pergola is installed on a level and stable surface.

SPECIFICATIONS

| Feature | Detail |
|--------------------------------|---|
| Brand | PURPLE LEAF |
| Model | 10' x 12' Louvered Pergola |
| Color | LED Bronze |
| Product Dimensions (L x W x H) | 144"L x 120"W x 90.6"H (12'L x 10'W x 7.55'H) |
| Item Weight | 324 Pounds |
| Frame Material | Aluminum |
| Louver Adjustment | 0° - 85° |
| Lighting | Integrated LED (3 brightness, 3 color temps) |
| Power Source | Solar-powered, USB Connection |
| Water Resistance Level | Water Resistant (with efficient drainage) |
| UV Protection | 50 |
| Assembly Required | Yes |

Size Information

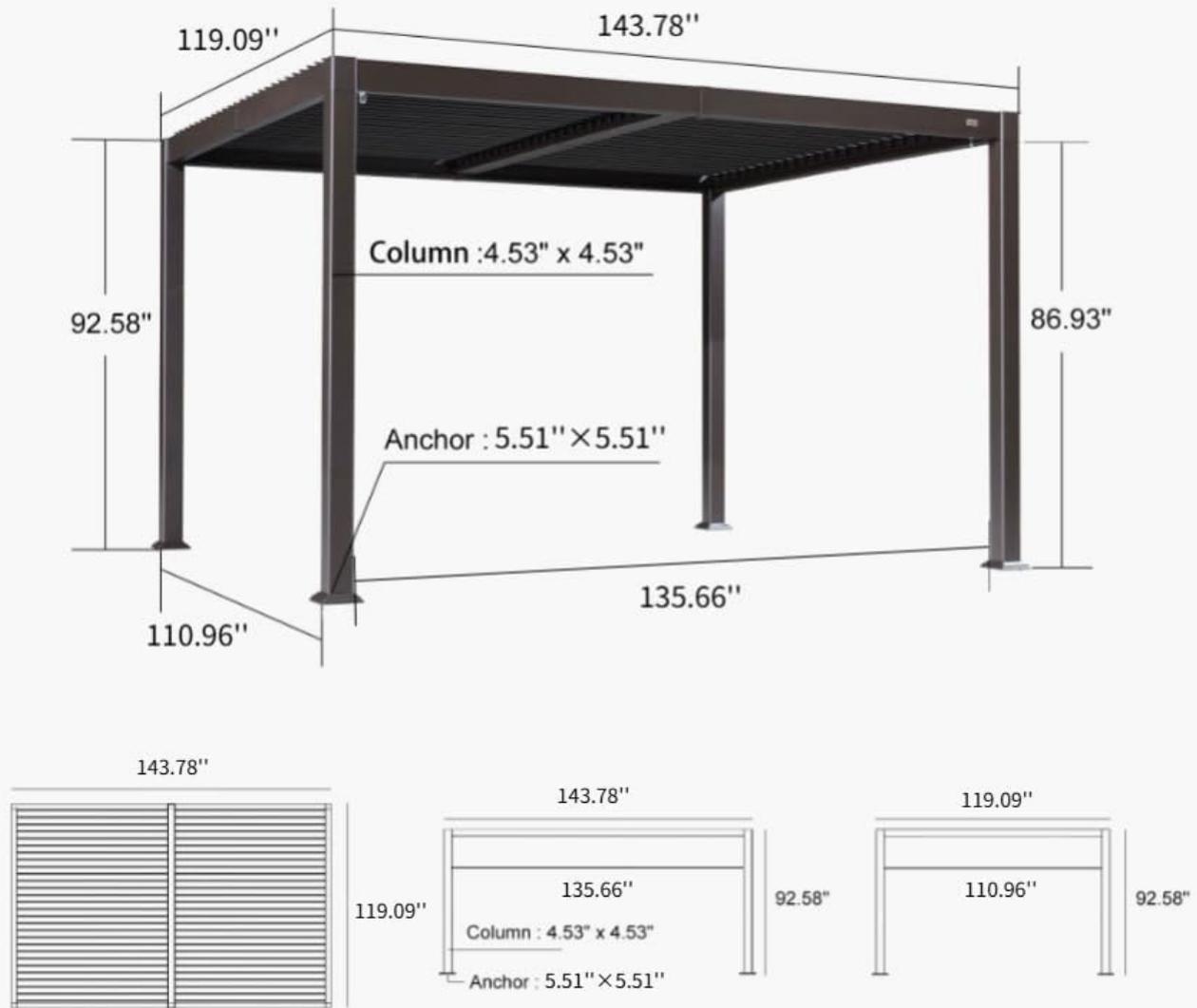


Image: Detailed dimensions of the pergola, including overall length, width, height, and specific measurements for columns and anchors.

WARRANTY AND SUPPORT

The PURPLE LEAF 10' x 12' Louvered Pergola comes with a **1-year warranty** for the frame construction. For warranty claims, replacement parts, or technical assistance, please contact PURPLE LEAF customer support through the retailer where the product was purchased or visit the official PURPLE LEAF website.

Please have your purchase receipt and model information ready when contacting support.