PURPLE LEAF ZY04KQSRW1014

PURPLE LEAF Wall Mounted Sunroom

Model: ZY04KQSRW1014 - Instruction Manual

1. Introduction

Thank you for choosing the PURPLE LEAF Wall Mounted Sunroom. This manual provides essential information for the safe assembly, operation, and maintenance of your new sunroom. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

Figure 1.1: The PURPLE LEAF Wall Mounted Sunroom provides an enclosed outdoor living space.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Ensure all components are securely fastened according to the assembly instructions. Loose parts can cause instability.
- Do not assemble in high winds or adverse weather conditions.
- Verify the structural integrity of your exterior wall and foundation before mounting the sunroom. Consult a professional if unsure.
- Regularly inspect the sunroom for any signs of wear, damage, or loose connections.
- Clear heavy snow accumulation from the roof promptly to prevent structural overload. The sunroom is designed to support up to 22 PSF snow load.
- Do not hang heavy objects from the frame or roof.

- Keep children and pets away from the assembly area during installation.

3. Package Contents

Before beginning assembly, unpack all components and verify against the parts list provided in your separate assembly guide. Ensure all parts are present and undamaged. Key components include:

- Reinforced All-Aluminum Frame components (beams, columns, support poles)
- Roof panels with integrated drainage system
- PC Panels for weather protection
- 95 GSM Mesh screens for ventilation
- Triple Sliding Door assemblies
- Mounting hardware for wall and ground anchoring

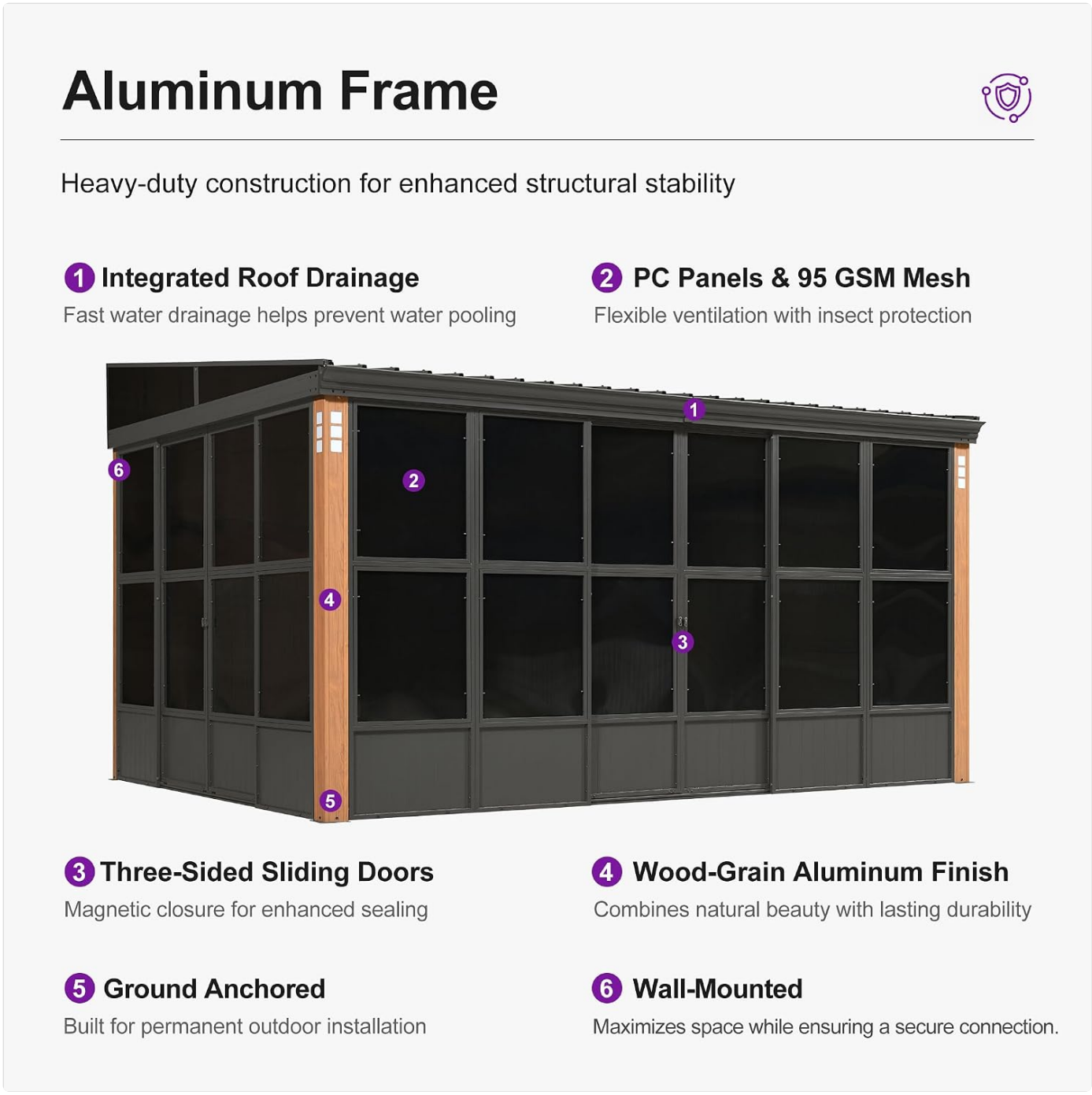

Figure 3.1: Overview of main structural components and features.

4. Assembly Instructions

Detailed step-by-step assembly instructions are provided in a separate guide included with your product. The following outlines key aspects of the assembly process:

4.1 Frame Assembly

Assemble the heavy-duty, rust-resistant aluminum frame according to the provided diagrams. Ensure all bolts and screws are tightened securely. The frame includes 4.7" x 4.7" wood-grain aluminum columns and 3.7" aluminum beams for enhanced stability.

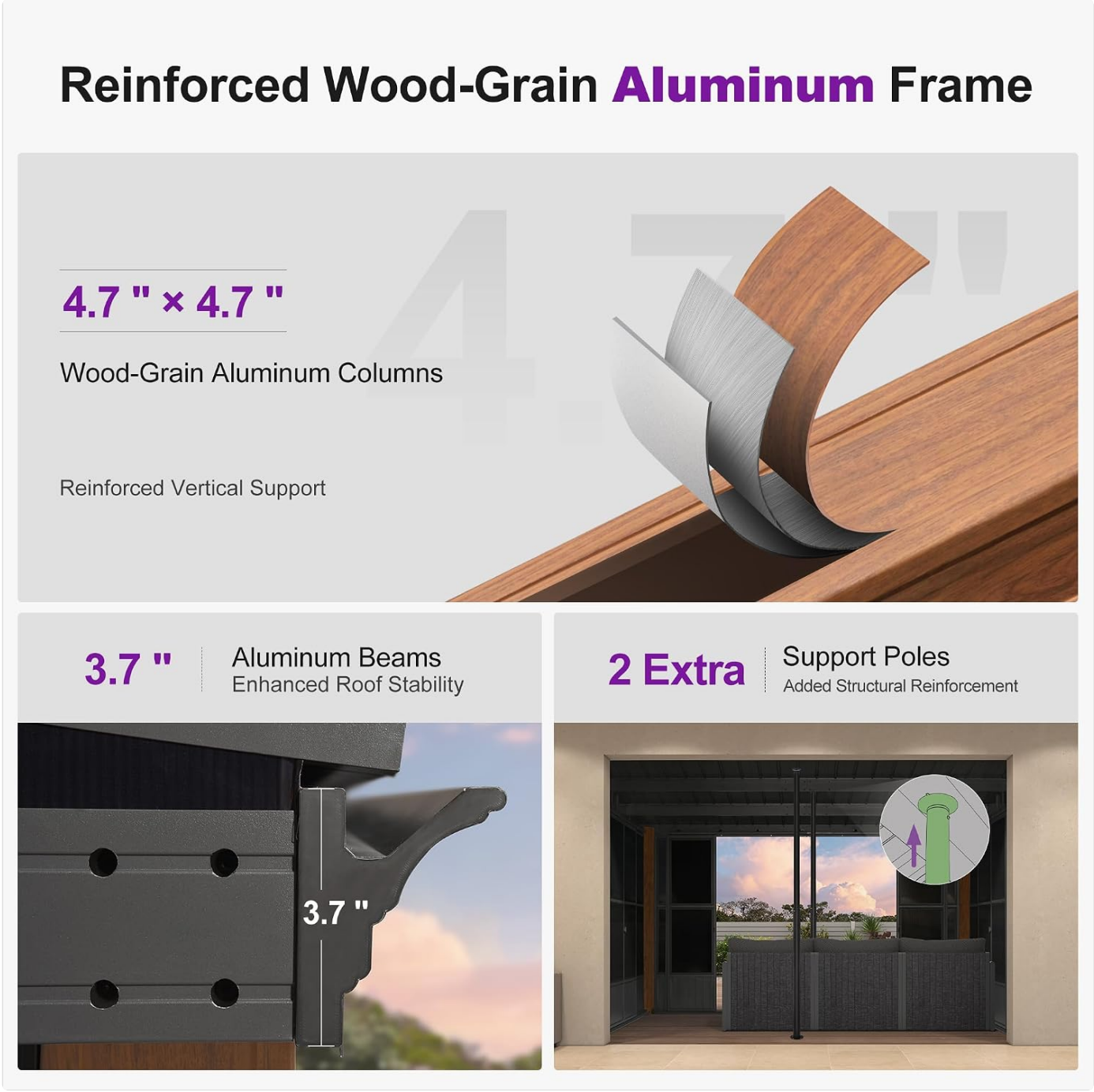

Figure 4.1: Reinforced aluminum frame components.

4.2 Wall Mounting and Ground Anchoring

The sunroom features a secure wall-mounted design and requires ground anchoring for optimal stability. Attach the sunroom securely to your exterior wall and foundation using the provided hardware. This dual stability system ensures a long-lasting installation capable of withstanding up to 40 MPH winds.

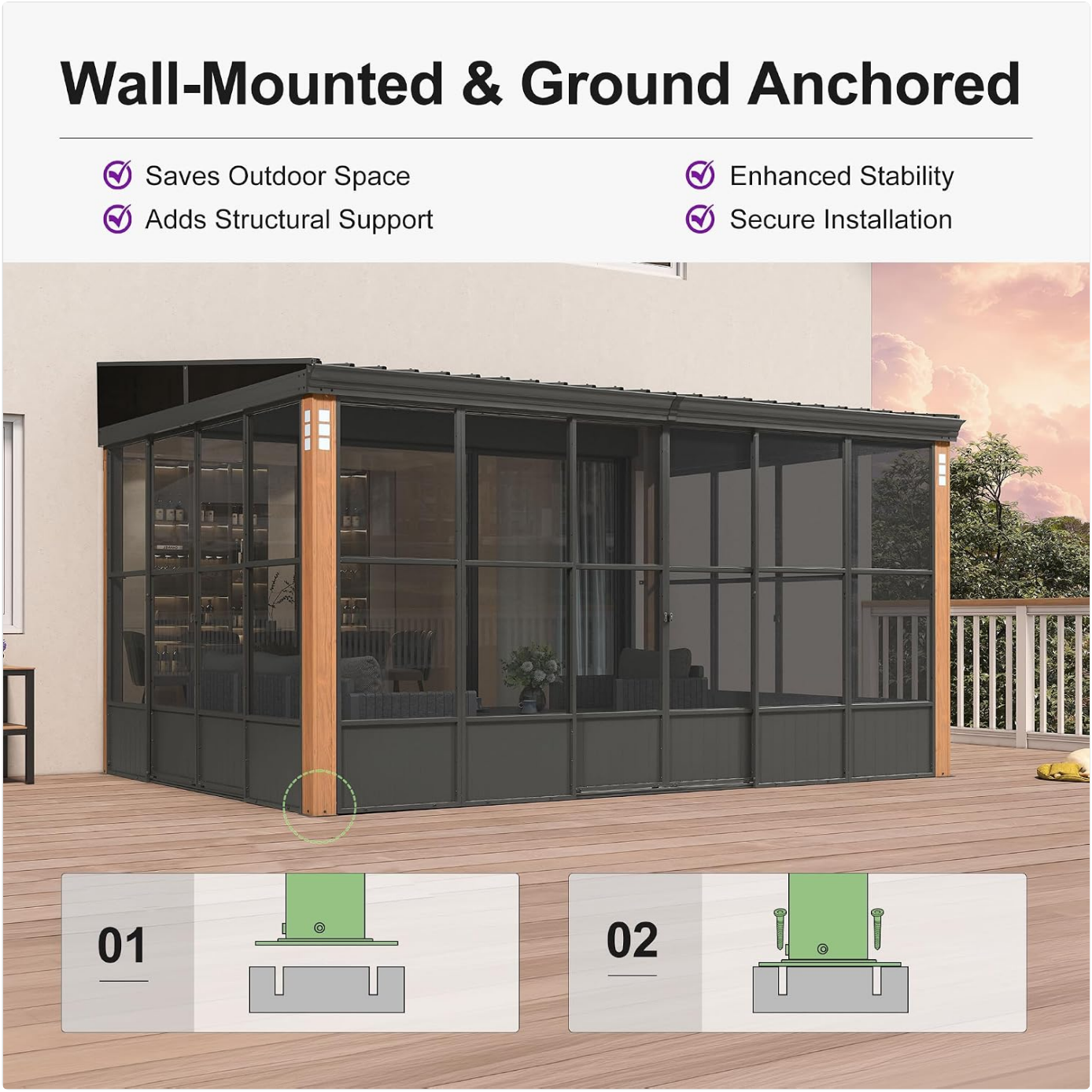

Figure 4.2: Wall mounting and ground anchoring for secure installation.

4.3 Roof Installation

Install the sloped roof panels. The integrated drainage system is designed to quickly channel rainwater away, preventing water buildup. Ensure all roof sections are properly aligned and sealed to prevent leaks.

Figure 4.3: Sloped roof with integrated drainage system.

4.4 Panel and Door Installation

Install the removable PC panels and 95 GSM mesh screens into their designated tracks. The triple sliding doors should be installed last, ensuring smooth operation on the double-layer rail system. Confirm magnetic closures engage properly for secure sealing.

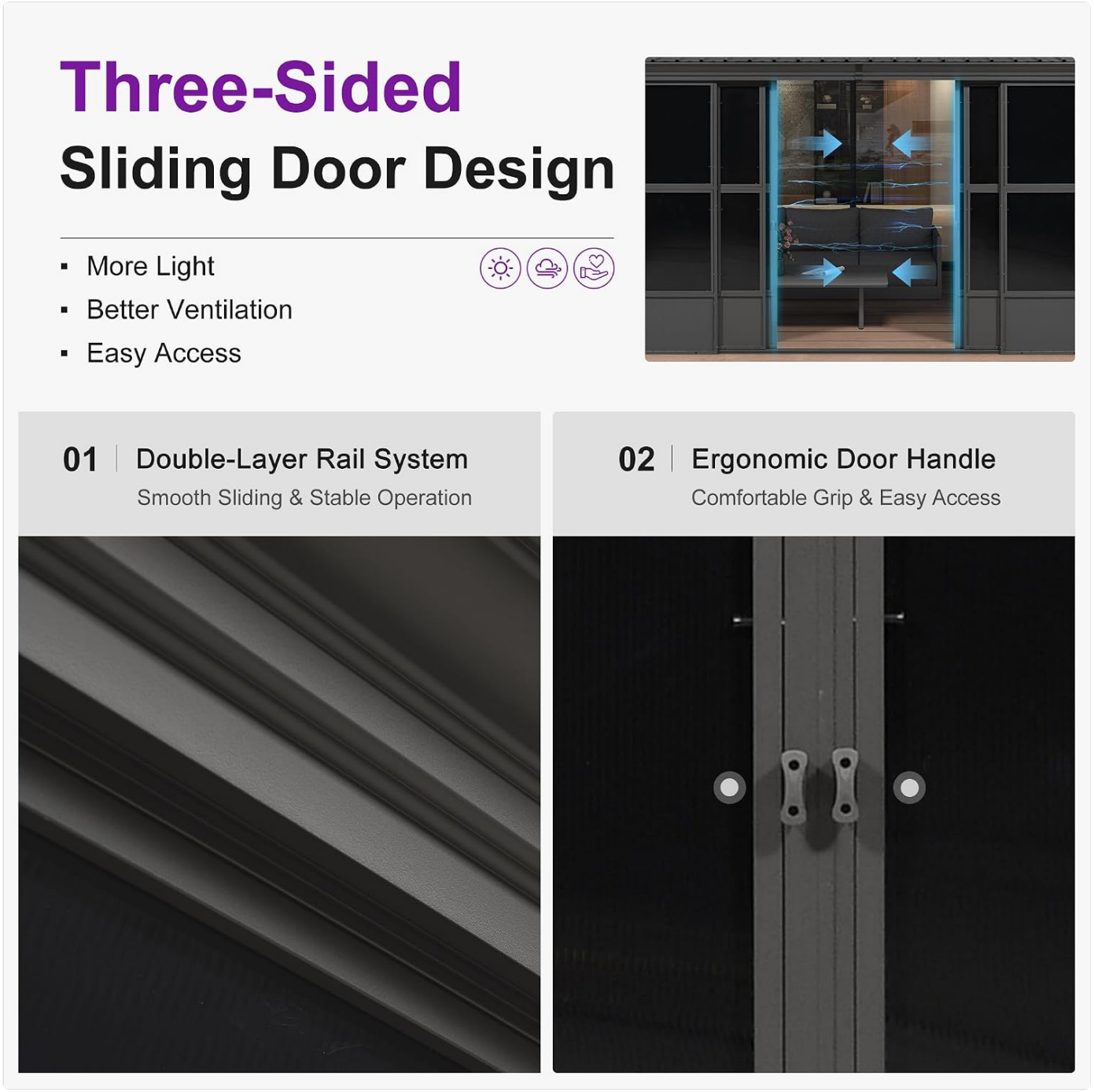

Figure 4.4: Triple sliding door design with smooth operation.

5. Operation

5.1 Sliding Doors

The sunroom features triple sliding doors for convenient access and ventilation. To open, gently slide the door panels along the double-layer rail system. To close, ensure the magnetic closures engage fully to secure the doors.

5.2 Removable Panels and Mesh Screens

Easily switch between the PC panels and 95 GSM mesh screens to adapt to different weather conditions and ventilation needs. PC panels offer weather protection and UV resistance (UPF 100), while mesh screens provide enhanced airflow and insect protection. Refer to your assembly guide for specific instructions on panel removal and insertion.

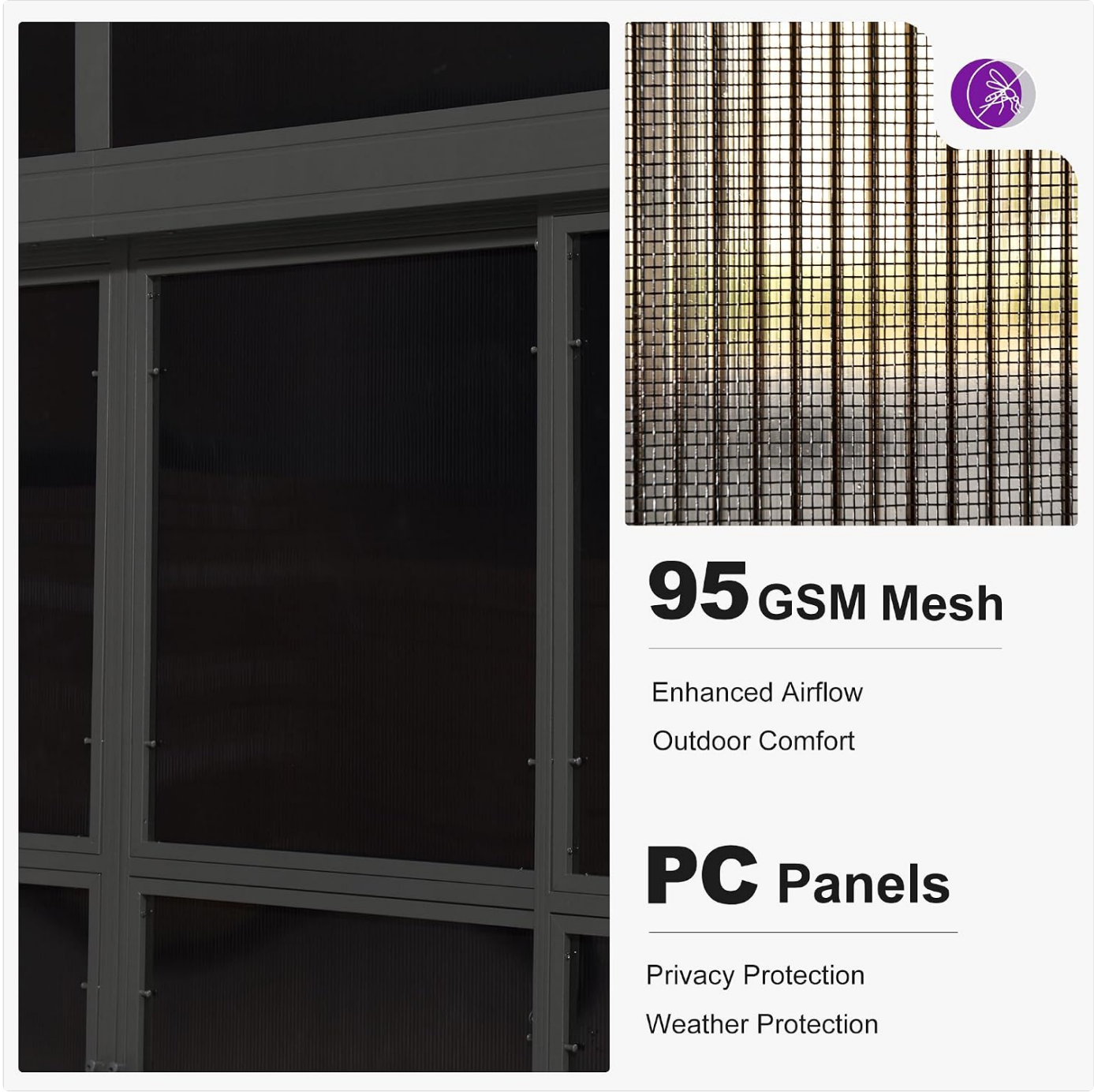

Figure 5.1: PC panels for weather protection and mesh for ventilation.

6. Maintenance

- **Cleaning:** Clean the aluminum frame, PC panels, and mesh screens with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the materials. Rinse thoroughly with clean water.
- **Inspection:** Periodically check all bolts, screws, and connections to ensure they remain tight. Inspect the roof for any debris that might obstruct the drainage system.
- **Snow Removal:** In areas with heavy snowfall, promptly remove accumulated snow from the roof to prevent excessive load on the structure.
- **Drainage System:** Ensure the integrated gutter and downspouts are clear of leaves and debris to maintain efficient water runoff.

7. Troubleshooting

Problem	Possible Cause	Solution
Water pooling on roof	Obstructed drainage system (gutters/downspouts)	Clear debris from gutters and downspouts. Ensure proper slope during assembly.
Doors not sliding smoothly	Debris in tracks; misaligned doors; worn rollers	Clean tracks thoroughly. Check door alignment and adjust if necessary. Inspect rollers for damage.
Sunroom feels unstable	Loose connections; improper wall mounting or ground anchoring	Tighten all bolts and screws. Re-verify wall mounting and ground anchoring according to instructions.
Panels/Mesh difficult to switch	Debris in panel tracks; panels not aligned correctly	Clean tracks. Ensure panels are inserted and aligned properly.

8. Specifications

Feature	Detail
Brand	PURPLE LEAF
Model Number	ZY04KQSRW1014
Material	Aluminum (Frame), PC (Panels), 95 GSM (Mesh)
Color	Gray
Product Dimensions (L x W x H)	162.23" x 113.41" x 97.19"
Floor Area	135 square feet
Water Resistance Level	Water Resistant
Ultraviolet Light Protection	UPF 100
Wind Resistance	Up to 40 MPH
Snow Load Capacity	Up to 22 PSF

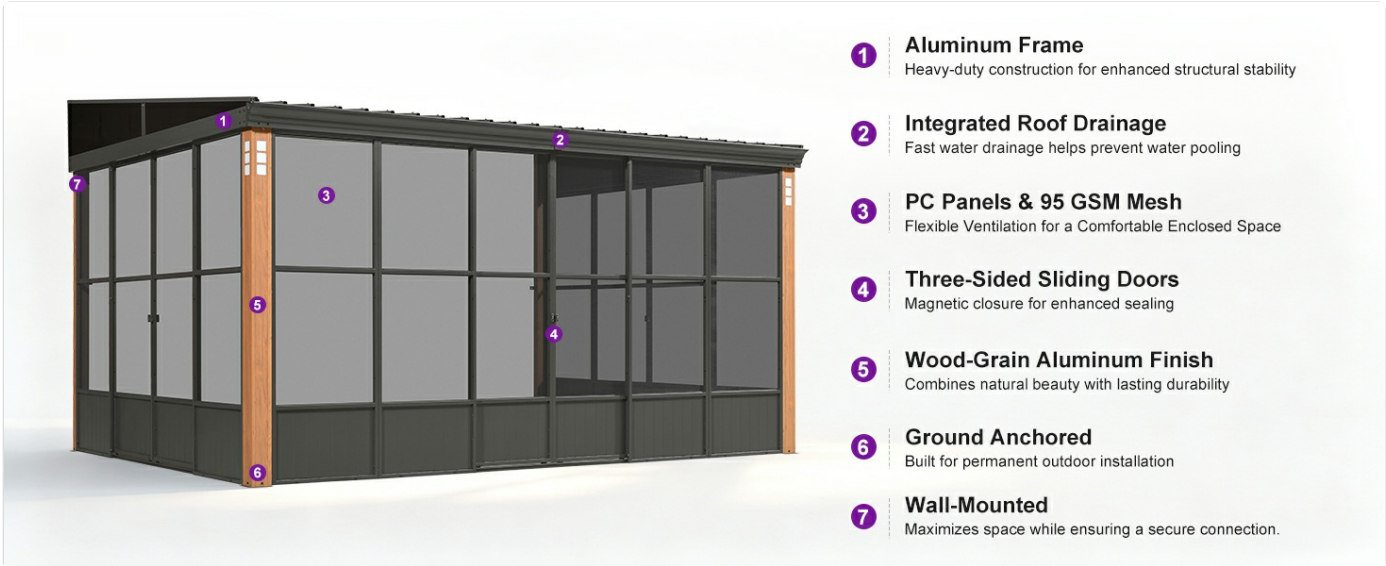

Figure 8.1: Detailed dimensions of the sunroom.

9. Warranty and Support

For warranty information, please refer to the documentation included with your purchase or contact PURPLE LEAF customer service. If you encounter any issues or require assistance with assembly or parts, please reach out to the manufacturer's support team. Contact details can typically be found on the product packaging or the official PURPLE LEAF website.

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