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Gazebo Penguin 41215-32

Gazebo Penguin Florence Solarium 12 Ft. x 15 Ft. Instruction Manual

Model: 41215-32

1. INTRODUCTION

This manual provides essential instructions for the assembly, operation, and maintenance of your Gazebo Penguin Florence Solarium. This unit is designed to extend the enjoyment of your outdoor space year-round, featuring an aluminum structure, a reinforced polycarbonate roof, two sliding doors, and 5-position wind panels. It is engineered to withstand exposure to rain, snow, and UV rays. Please read this manual thoroughly before beginning assembly or use to ensure proper installation and safe operation.

2. SAFETY INFORMATION

- Read all instructions carefully before assembly and use.
- Ensure all components are securely fastened as per instructions. Loose parts can lead to instability.
- Do not attempt to assemble the solarium during high winds or adverse weather conditions.
- Always use appropriate safety gear, including gloves and eye protection, during assembly.
- Ensure the installation surface is level and stable to prevent tipping or structural damage.
- Regularly inspect the solarium for any signs of wear, damage, or loose connections. Address issues promptly.
- This solarium is not insulated. While it provides shelter, it does not offer thermal insulation for extreme temperatures.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning assembly. Refer to the detailed parts list provided in your packaging for specific quantities and identification.

- Powder-coated aluminum frame components
- Reinforced polycarbonate roof panels (0.3125-inch thick, smoke color)
- Sliding door assemblies (x2)

- 5-position wind panels
- All necessary assembly hardware (screws, bolts, caps)

4. ASSEMBLY INSTRUCTIONS

Assembly of the Florence Solarium requires careful attention to detail and is best performed by at least two individuals. Due to the size and complexity, professional installation is recommended. Ensure you have adequate space and time for assembly, which may take one to two days.

General Assembly Steps:

1. **Site Preparation:** Choose a level and stable location for your solarium. Clear the area of any debris or obstructions.
2. **Unpack and Organize:** Carefully unpack all components and lay them out. Identify each part using the provided parts list.
3. **Base Frame Assembly:** Assemble the base frame according to the diagrams in your specific assembly guide. Ensure all connections are secure.
4. **Wall Panel Installation:** Attach the wall panels and sliding door frames to the base frame. Pay close attention to the orientation of each panel.
5. **Roof Structure Assembly:** Construct the roof frame and then carefully install the polycarbonate roof panels. Ensure the correct side of the panels faces upwards for UV protection.
6. **Door and Wind Panel Installation:** Install the sliding doors and the 5-position wind panels into their respective tracks.
7. **Final Touches:** Install all decorative caps to hide screws and ensure all fasteners are tightened.



Image: Florence Solarium with indicated dimensions (180" Length, 144" Width, 144" Height).

Important Note on Hardware: Exercise caution when tightening screws, as some hardware may be prone to stripping if over-torqued. Always refer to the detailed diagrams and instructions included in your product packaging for precise assembly steps.

5. OPERATION

Sliding Doors:

The solarium features two sliding doors for entry and exit. The door handles can be reinstalled to allow you to choose whether the door opens to the left or to the right, providing flexibility for your outdoor space layout.

Wind Panels:

The integrated wind panels are designed for adjustable ventilation. They can slide all the way down to the bottom of the solarium or be positioned in any of the five available positions, allowing you to control air circulation and protection from the elements.

6. MAINTENANCE

- **Cleaning:** Clean the aluminum frame and polycarbonate panels with a mild soap and water solution. Avoid abrasive cleaners or harsh chemicals that could damage the finish or panels. Rinse thoroughly with clean water.
- **Inspection:** Periodically inspect all bolts, screws, and connections to ensure they remain tight. Re-tighten any loose fasteners.
- **Drainage:** Ensure that the roof and surrounding area are clear of debris to allow for proper water drainage.
- **Snow Load:** While the reinforced roof is designed to withstand snow, heavy accumulation should be removed to prevent excessive stress on the structure.
- **Seasonal Care:** Although designed for year-round use, a thorough inspection and cleaning at the beginning and end of each season will help prolong the life of your solarium.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Bugs entering the solarium	Small gaps between panels or roof sections.	Inspect for small gaps, particularly where wall panels meet the roof. Consider applying weather stripping or foam sealant to seal these areas.
Interior becomes too hot	Lack of adequate ventilation or direct sun exposure.	Utilize the 5-position wind panels to maximize air circulation. Consider external shading solutions if the solarium is in direct, prolonged sunlight.
Difficulty during assembly	Complex instructions, misaligned parts, or insufficient manpower.	Review the assembly manual carefully. Ensure parts are correctly oriented. Seek assistance from another person or consider professional assembly services.
Loose or stripped screws	Over-tightening during assembly or vibration over time.	Use appropriate tools and avoid over-tightening. If a screw is stripped, it may need to be replaced with a slightly larger one or secured with a thread-locking compound.
Water leakage	Improperly sealed panels or loose roof connections.	Inspect all roof panel seams and connections. Ensure all seals are properly seated and screws are tightened. Apply silicone sealant if necessary to problematic areas.

8. SPECIFICATIONS



Image: Gazebo Penguin Florence Solarium, Slate.

Feature	Detail
Brand	Gazebo Penguin
Model Number	41215-32
Dimensions (Approx.)	15 ft (Length) x 12 ft (Width) x 12 ft (Height) (180"L x 144"W x 144"H)
Material	Aluminum frame, Polycarbonate roof
Roof Thickness	0.3125 inches
Color	Slate
Item Weight	596 Pounds
Water Resistance	Waterproof
UV Protection	Yes
Assembly Required	Yes
UPC	060051059174

9. WARRANTY AND SUPPORT

For information regarding product warranty, parts replacement, or technical support, please refer to the warranty card included with your purchase or contact Gazebo Penguin customer service directly. Keep your proof of purchase for any warranty claims.

