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> KING BIRD 13x20FT RV Carport Instruction Manual - Model KB-SG-1123-3

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KING BIRD Heavy Duty 13x20FT RV Carport Instruction Manual

Model: KB-SG-1123-3

Brand: KING BIRD

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1. PRODUCT OVERVIEW

The KING BIRD Heavy Duty 13x20FT RV Carport is designed to provide robust and reliable shelter for a variety of vehicles and equipment, including RVs, trucks, SUVs, boats, and ATVs. Its ultra-high peak design and durable construction ensure protection against various weather conditions, including snow, rain, and UV radiation. This manual provides essential information for the safe assembly, operation, and maintenance of your carport.



Image 1.1: KING BIRD RV Carport sheltering a boat. This image displays the KING BIRD RV Carport in use, providing shelter for a boat. The design features a high peak, suitable for various vehicles and equipment.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings before assembly or use.

- Always ensure the carport is properly installed and securely anchored to the ground.
- Do not use the carport in high winds or during severe weather conditions. Disassemble or reinforce as necessary in anticipation of extreme weather.
- Keep the carport clean and free of debris, especially on the roof, to prevent pressure buildup and potential fire hazards.
- Always follow the manufacturer's instructions for safe setup, use, and dismantling.
- Ensure adequate clearance around the carport to prevent damage to the structure or surrounding objects.
- Regularly inspect all connections and anchors for tightness and wear.

3. KEY PRODUCT FEATURES

- **Ultra High Peak Design:** With a 12.3FT peak height, this carport accommodates lifted trucks, RVs, and vehicles with roof racks, preventing scratches and allowing easy drive-in access.
- **Ventilation System:** The expansive overhead space and dual door design contribute to regulating internal temperature, preventing vehicle overheating, aging, or freezing.
- **Enhanced Stability:** Features a heavy-duty 38*0.8mm rust-resistant galvanized steel frame. The steep roof design ensures rain and snow slide off easily, reducing pressure and extending the shed's life.
- **Strengthened Details:** Includes 6 reinforced ground bars and 2 top beams with high-quality lengthened screws to enhance frame stability, reduce shake, and minimize damage risk.
- **Extra Thick Fabric:** Constructed from reinforced 240G PE material, which is tear-proof, waterproof, and anti-UV. This industrial-grade cover fabric ensures long-lasting durability and protection.

- **Multi-Use:** Ideal for heavy-duty pickup trucks, boats, ATVs, or as a general vehicle garage shelter. It is also suitable for large machinery, firewood, livestock, or gardening tools.



Image 3.1: Comparison of KING BIRD carport 12.3 ft peak height versus standard 8.5 ft. This image highlights the KING BIRD carport's ultra-high peak design, measuring 12.3 feet, compared to a standard 8.5-foot carport. This increased height accommodates taller vehicles like RVs, trucks with roof racks, and boats.

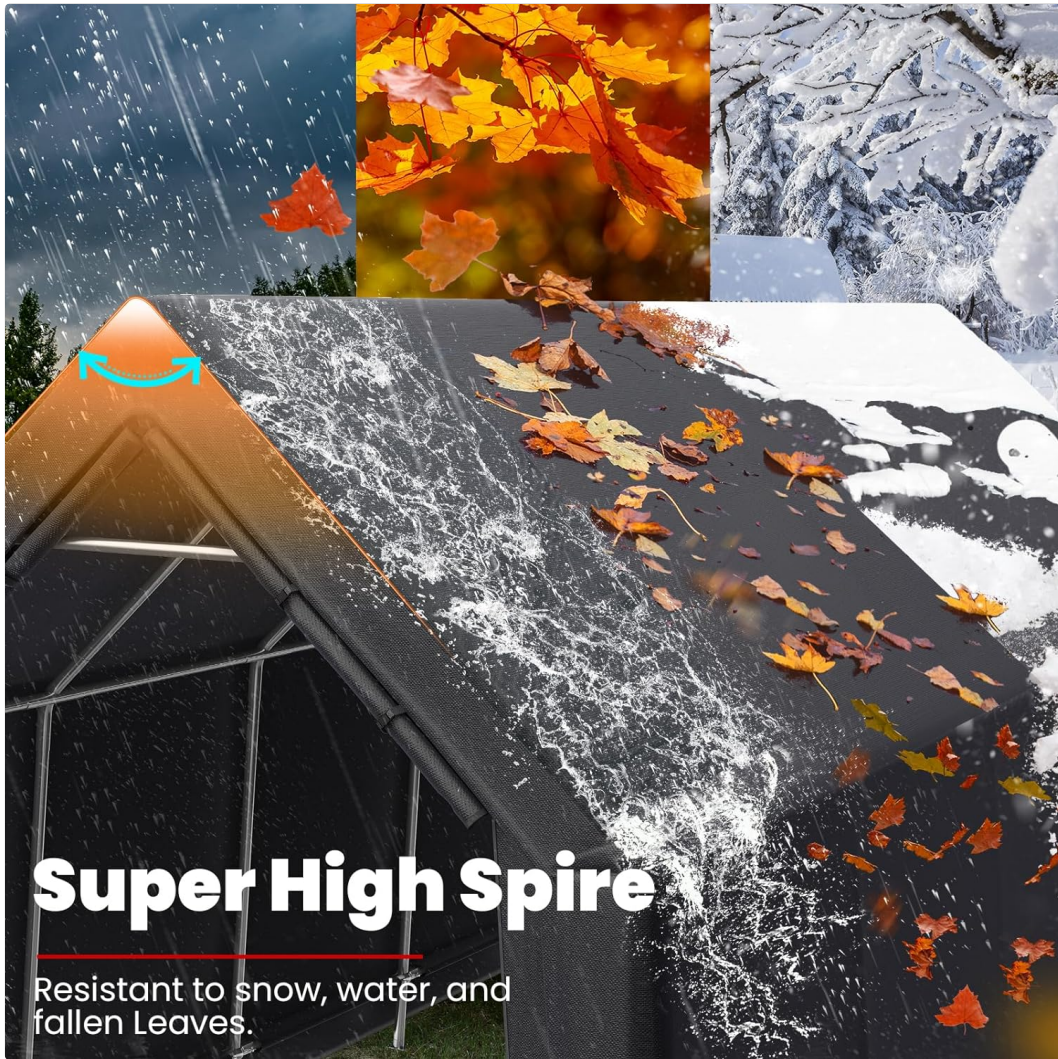


Image 3.2: KING BIRD carport roof demonstrating resistance to snow, water, and leaves. The image shows the carport's roof effectively shedding water, snow, and leaves, emphasizing its robust design for all-weather protection. The steep pitch prevents accumulation.



Image 3.3: Interior view of KING BIRD carport heavy-duty galvanized steel frame with screw connections. An interior view revealing the heavy-duty galvanized steel frame construction. The full screw installation method ensures enhanced stability and durability for the structure.

Dual Door Design

Convenient access and efficient ventilatio.



Image 3.4: KING BIRD carport with dual door design for convenient access and ventilation. This image illustrates the carport's dual door design, allowing for convenient drive-through access and efficient cross-ventilation. It shows the versatility for storing vehicles or equipment.

4. COMPONENTS LIST

Your KING BIRD RV Carport package includes the following main components. Refer to the detailed assembly manual provided in the packaging for a complete list of parts and hardware.

- Galvanized Steel Frame Pipes (various lengths and shapes for roof, legs, and ground bars)
- Connectors and Joints
- 240G PE Fabric Cover (main cover, front door panel, rear door panel)
- Lengthened Screws, Nuts, and Washers for assembly
- Reinforced Ground Bars
- Top Beams
- Ground Anchors/Stakes
- Bungee Cords/Tie-downs
- YKK Zippers for door panels
- Adjustable PE Divider (optional/included in some models)

Image 4.1: Detailed features of KING BIRD carport: all-screw connections, YKK zippers, reinforced ground bars. Close-up views showcasing key construction details: secure all-screw connections for the frame, durable YKK zippers for the doors, and reinforced ground bars for enhanced stability.

5. SETUP AND ASSEMBLY INSTRUCTIONS

Assembly typically requires two or more people. Ensure you have sufficient space and the necessary tools (e.g.,

wrenches, measuring tape, ladder) before beginning. Refer to the comprehensive assembly manual included in your packaging for step-by-step diagrams and detailed instructions.

1. **Site Selection:** Choose a level, clear area for installation, away from overhead power lines, trees, or structures that could cause damage. Ensure proper drainage.
2. **Unpack and Organize:** Carefully unpack all boxes and lay out components. Verify all parts are present against the parts list in your manual.
3. **Assemble Base Frame:** Connect the ground bars and lower frame pipes according to the manual's diagrams. Ensure all connections are secure but do not fully tighten bolts until the entire frame is assembled.
4. **Construct Roof Frame:** Assemble the roof trusses and connect them to the vertical support pipes. The high peak design requires careful alignment.
5. **Attach Main Cover:** Drape the main PE fabric cover over the assembled roof frame. Ensure it is centered and evenly distributed.
6. **Install Side Panels and Doors:** Attach the side panels and front/rear door panels. Secure them using bungee cords and zippers.
7. **Final Tightening and Anchoring:** Once the entire structure is upright and aligned, fully tighten all bolts and secure the carport to the ground using the provided anchors. For added stability, consider additional anchoring methods, especially in windy areas.

Note: The carport is shipped in multiple boxes. Ensure all boxes are received before starting assembly.

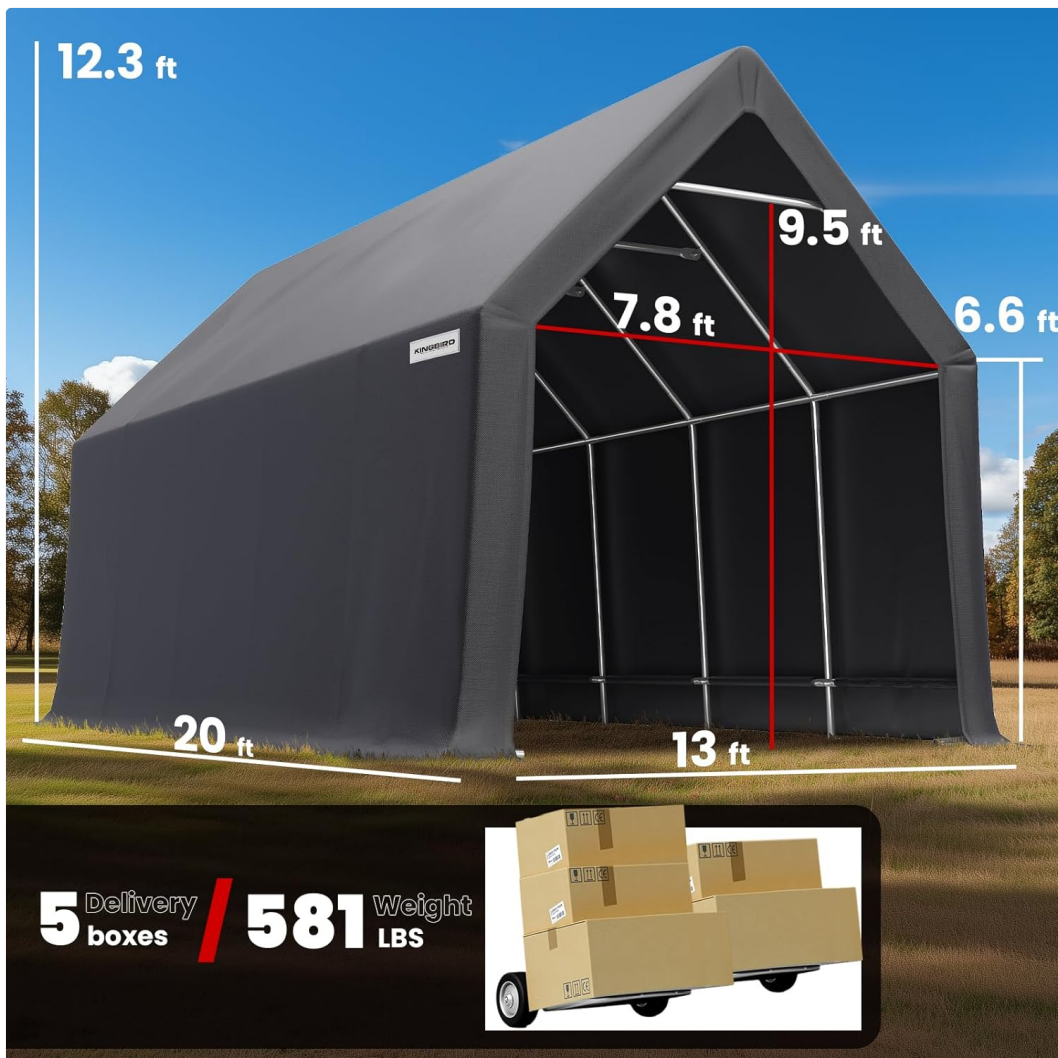


Image 5.1: Dimensions of KING BIRD 13x20 ft carport and delivery information. A detailed diagram outlining the dimensions of the 13x20 ft carport, including its 12.3 ft peak height. It also indicates the product is shipped in 5 boxes with a total weight of 581 lbs.

6. OPERATING INSTRUCTIONS

- **Vehicle Entry/Exit:** Utilize the dual door design for convenient drive-through access. Ensure doors are fully opened and secured to prevent obstruction or damage during vehicle movement.
- **Ventilation:** To regulate temperature and prevent condensation, open both front and rear doors to allow for cross-ventilation, especially on warm days.

- **Weather Protection:** Close and secure all doors and panels during rain, snow, or strong winds to protect contents.
- **Adjustable Divider:** If your model includes an adjustable PE divider, position it as needed to create separate storage areas within the carport.



Image 6.1: KING BIRD carport easy-to-open doors and windows for weather protection and ventilation. The image highlights the carport's easy-to-operate doors and windows, which can be adjusted to protect contents from weather or to provide ventilation.

7. MAINTENANCE

- **Regular Inspection:** Periodically check all frame connections, bolts, and anchors for tightness. Re-tighten as necessary to maintain structural integrity.
- **Cover Care:** Clean the PE fabric cover regularly with mild soap and water to remove dirt, debris, and mildew. Avoid harsh chemicals that could damage the material.
- **Snow Removal:** In snowy conditions, regularly remove accumulated snow from the roof to prevent excessive weight buildup, which can cause structural damage. The steep roof design aids in shedding snow, but manual assistance may be required for heavy snowfall.
- **Zipper Maintenance:** Keep zippers clean and lubricated to ensure smooth operation and prevent sticking.
- **Ground Anchors:** Ensure ground anchors remain firmly in place, especially after heavy winds or ground saturation.



Image 7.1: KING BIRD carport providing winter protection for a car in snow. The carport is depicted in a snowy landscape, effectively protecting a vehicle from winter elements, showcasing its anti-snow capabilities.



Image 7.2: Close-up of KING BIRD 240g PE cover demonstrating all-weather protection. A detailed view of the extra-thick 240g PE cover, illustrating its robust material designed to protect against sun, rain, dust, and snow.



Image 7.3: KING BIRD carport performing in rainy, sunny, and windy weather conditions. This composite image demonstrates the carport's performance and durability across various weather conditions: rain, sun, and wind.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Carport feels unstable or shakes in wind.	Loose connections; inadequate anchoring; extreme wind conditions.	Ensure all bolts are fully tightened. Verify ground anchors are secure and consider additional anchoring (e.g., weight bags, concrete anchors) for high-wind areas. If winds are extreme, consider temporary disassembly.
Water pooling on the roof.	Excessive snow/debris accumulation; improper cover tension.	Remove snow or debris promptly. Ensure the cover is taut and evenly stretched over the frame to maintain the steep pitch.
Zippers are difficult to operate.	Dirt/debris in zipper teeth; lack of lubrication.	Clean zippers with a brush and mild soap. Apply a silicone-based lubricant to the zipper teeth.
Cover material shows signs of wear or tearing.	Abrasion from frame; prolonged exposure to harsh elements; sharp objects.	Inspect for points of abrasion and add padding if necessary. Ensure proper tension to prevent flapping. For minor tears, use a compatible repair kit. Contact support for significant damage.

9. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	KING BIRD
Model Number	KB-SG-1123-3
Product Dimensions (L x W x H)	240"L x 156"W x 145.2"H (20 ft L x 13 ft W x 12.1 ft H)
Peak Height	12.3 ft
Item Weight	256 pounds
Frame Material	Alloy Steel (Galvanized, 38*0.8mm)
Cover Material	Polyethylene (PE), 240G Reinforced
Color	Dark Gray
Water Resistance Level	Water Resistant
Ultraviolet Light Protection	Yes
Assembly Required	Yes
Recommended Uses	Car, RV, Truck, SUV, Boat, ATV, Machinery, Firewood, Storage

10. WARRANTY AND SUPPORT

KING BIRD offers comprehensive support for your carport:

- **1-Year Support:** Enjoy a 1-year support period for poles and tarps from the date of purchase.
- **Lifetime Support:** Lifetime support is provided for joints, ground nails, and bungee cords.

For any questions, missing parts, or support needs, please contact KING BIRD customer service. Refer to your product packaging or the official KING BIRD website for contact information.