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Quictent 1131W

Quictent 10x15 ft Metal Roof Carport Kit (Model 1131W) Instruction Manual

1. Introduction and Overview

This manual provides detailed instructions for the assembly, operation, and maintenance of your Quictent 10x15 ft Metal Roof Carport Kit, Model 1131W. This heavy-duty steel carport is designed to provide reliable shelter for vehicles and outdoor equipment, offering resistance against various weather conditions.

The carport features a robust metal frame, a durable metal roof, and a reinforced triangular structure for enhanced stability. Its dimensions are approximately 180 inches (L) x 120 inches (W) x 98.4 inches (H), providing 150 square feet of floor area.



Figure 1: An assembled Quictent 10x15 ft metal roof carport, showcasing its sturdy frame and metal roof panels.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in injury or damage to the product.

- **Handle Metal Components with Care:** Metal edges can be sharp. Always wear appropriate protective gloves during assembly to prevent cuts and scrapes.
- **Stable and Secure Setup:** Ensure the carport is assembled on a level surface and securely anchored to the ground to prevent tipping or collapse, especially in windy conditions.
- **Weather Conditions:** Be mindful of local weather conditions. While designed for durability, extreme wind, heavy snow, or other severe weather may require additional precautions or temporary disassembly.
- **UV Exposure:** The roof material offers UV protection, but prolonged exposure to direct sunlight can affect its lifespan. Regular inspection is recommended.
- **Assembly Personnel:** Assembly typically requires at least two adults. Do not attempt to assemble alone.
- **Tools:** Use appropriate tools as specified in the assembly section. Ensure all tools are in good working condition.

3. Package Contents

Your Quictent 10x15 ft Metal Roof Carport Kit is shipped in three separate boxes, with a total approximate weight of 279 pounds. Please verify all components against the packing list provided in your kit before beginning assembly. If any parts are missing or damaged, contact customer support immediately.



Figure 2: An illustration providing the overall dimensions of the carport (10ft x 15ft) and noting that the kit ships in three boxes with a total weight of 279 lbs.

The kit includes:

- Galvanized Steel Frame Components (various lengths and shapes)
- Metal Roof Panels (coated for heat insulation, waterproofing, and corrosion resistance)
- Fasteners (bolts, nuts, washers, self-drilling screws)
- Plastic Gaskets (for roof panel sealing)
- Anti-cut Tape (for edge protection)
- Square Tube Plugs
- Assembly Tools (basic wrenches, screwdrivers - specific tools may vary)

4. Setup and Assembly Instructions

Before starting, ensure you have a clear, level area for assembly. It is recommended to have at least two people for the assembly process. Refer to the included video for a visual guide.

4.1. Assembly Video Guide

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Video 1: This video provides a step-by-step guide for assembling the Quictent Heavy Duty Metal Carport, demonstrating each stage of construction from frame assembly to roof panel installation.

4.2. Step-by-Step Assembly

1. **Assemble Ground Bars:** Connect all ground bar components on both sides using the provided bolts and nuts. Ensure all connections are secure.
2. **Assemble Top Frame:** Construct the top frame arches by connecting the curved and straight sections. Attach the reinforced triangular supports to the top frame sections.
3. **Connect Frame and Ground Bars:** Erect the assembled top frame arches and connect them to the ground bars using the designated bolts.
4. **Square and Anchor the Frame:** Ensure the entire frame is square and level. Use the provided anchors (e.g., ground stakes or expansion screws for concrete) to secure the frame firmly to the ground. Proper squaring is critical for roof panel alignment.
5. **Install Top Roof Panels:** Carefully place the metal roof panels onto the frame. It is crucial to center the first panel. Use foam tape between panels to help seal them. Secure each panel with self-drilling screws and plastic gaskets.
   Caution: Roof panels may have sharp edges. Wear gloves at all times.



Figure 3: Image illustrating the pre-drilled holes on the carport's metal roof panels, designed for quicker and easier screw installation.



Figure 4: A close-up view of a plastic gasket, used during roof panel installation to ensure a secure and watertight seal.

6. **Install Anti-cut Tape and Square Tube Plugs:** Apply anti-cut tape to any exposed sharp edges. Insert square tube plugs into the open ends of the frame tubes for a finished look and added safety.

4.3. Key Structural Features

The carport is engineered with several features to ensure durability and stability:

- **Reinforced Triangle Structure:** Extra reinforcement poles on the top and sides of the metal carport frame, with a stable triangle design, reinforce the entire structure to prevent twisting.



Figure 5: A visual representation highlighting the reinforced triangular structure within the carport frame, indicating enhanced stability.

- **Heavy-Duty Steel Tube Frame:** The support poles are made of galvanized metal with a wall thickness of 0.06 inches and a pipe diameter of 1.58 inches, providing strong bending resistance, corrosion resistance, and aging resistance.



Figure 6: Detailed image of the heavy-duty steel tubes used in the carport frame, showing their wider and thicker construction for increased durability.

- **Coated Metal Roof Surface:** The roof panels are made of coated steel, offering heat insulation, waterproofing, and corrosion resistance. The extended edge design provides a larger shade area and facilitates rainwater runoff.

5. Operating Instructions

Once fully assembled and anchored, your carport is ready for use. It provides shelter for vehicles, boats, RVs, or can be utilized as an outdoor workspace or event area.

- **Vehicle Storage:** Park vehicles centrally within the carport to maximize coverage and stability.
- **Outdoor Events:** The spacious design allows for use as a temporary shelter for gatherings.
- **Weather Monitoring:** Regularly check weather forecasts. While the carport is designed to withstand moderate weather, extreme conditions (e.g., heavy snow loads, high winds) may necessitate additional support or temporary removal of roof panels to prevent damage.

6. Maintenance

Regular maintenance will extend the lifespan and ensure the continued safety of your carport.

- **Routine Inspection:** Periodically inspect all bolts, nuts, and connections to ensure they remain tight. Re-tighten as necessary.
- **Clean Roof Panels:** Clean the metal roof panels regularly to remove dirt, leaves, and debris. Use a mild soap solution and a soft brush or cloth. Avoid abrasive cleaners or tools that could scratch the coating.
- **Snow Removal:** In areas with heavy snowfall, regularly remove accumulated snow from the roof to prevent excessive load on the structure.
- **Corrosion Check:** Inspect the galvanized steel frame for any signs of rust or corrosion. Address any issues promptly with appropriate rust-inhibiting paint or treatments.
- **Anchoring Check:** Verify that ground anchors remain secure, especially after strong winds or heavy rain.

7. Troubleshooting

This section addresses common issues you might encounter during or after assembly.

- **Missing or Damaged Parts:**
  If you find any parts missing or damaged upon delivery, immediately contact Quictent customer support with your purchase details and a list of the affected components. Do not proceed with assembly if critical parts are missing or damaged.
- **Difficulty Aligning Holes:**
  Ensure the frame is perfectly square and level before tightening all bolts. Sometimes, loosening connections slightly can allow for better alignment. Refer to the assembly video for precise positioning.
- **Roof Panel Gaps/Leaks:**
  Verify that all roof panels are correctly overlapped and that plastic gaskets are properly installed under the screws. Ensure foam tape is used between panels as recommended to create a tight seal.
- **Carport Instability:**
  Check that all frame connections are securely tightened. Confirm that the carport is adequately anchored to the ground using all provided anchoring hardware. For softer ground, consider additional anchoring methods.
- **Wind Damage:**
  In high-wind areas, consider using additional tie-downs or temporary disassembly of roof panels if severe weather is forecast. Ensure the carport is not exposed to wind from an open side without adequate bracing.

8. Specifications

Feature	Specification
Brand	Quictent
Model Number	1131W
Product Dimensions	180"L x 120"W x 98.4"H (15 ft L x 10 ft W x 8.2 ft H)
Floor Area	150 Square Feet
Material	Metal (Galvanized Steel Frame, Coated Steel Roof)
Style	Hard Top

Color	White
Item Weight	279 Pounds
Water Resistance Level	Water Resistant
Ultraviolet Light Protection	Yes
Assembly Required	Yes

9. Warranty and Support

Quictent is committed to providing quality products and excellent customer service. Your carport kit is backed by our support team.

- **Customer Support:** For any questions, missing parts, or assistance with assembly, please contact our customer support team. You can typically find contact information on the seller's page or through your purchase platform.
- **Warranty Information:** Specific warranty details are usually provided with your purchase documentation. Please retain your proof of purchase for warranty claims.
- **Returns:** This product is returnable until January 31, 2026. Please refer to the seller's return policy for detailed instructions.

9.1. Quictent Brand Overview

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Video 2: An overview video showcasing Quictent's range of shelters and highlighting their commitment to customer support and efficient fulfillment.

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