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GAOMON RLVOAHlqLBjvv_BWCkeQsg7R86p

GAOMON 20x20 FT Metal Carport Instruction Manual

Model: **RLVOAHlqLBjvv_BWCkeQsg7R86p**
Brand: **GAOMON**

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your GAOMON 20x20 FT Metal Carport. Designed for durability and versatility, this heavy-duty carport features a reinforced base, galvanized steel roof, and a robust powder-coated steel frame, offering reliable shelter for vehicles and outdoor activities. Please read this manual thoroughly before beginning assembly or use to ensure safe and correct installation and operation.



Image: The GAOMON 20x20 FT Metal Carport, showcasing its spacious design and ability to shelter two vehicles.

2. Safety Information

Always prioritize safety during assembly and use. Failure to follow these instructions may result in injury or damage to the product.

- **Assembly:** Always assemble with at least two to three adults. Wear appropriate safety gear, including gloves and eye protection.
- **Site Selection:** Choose a level and stable surface for installation. Ensure adequate clearance around the carport.
- **Anchoring:** Securely anchor the carport to the ground using the provided heavy-duty anchor rods. Proper anchoring is crucial for stability, especially in windy conditions.
- **Weather Conditions:** While designed for weather resistance (Wind Rating: 100 MPH; Snow Load Capacity: 35 PSF), extreme weather conditions may require additional precautions or temporary disassembly. Monitor local weather forecasts.

- **Sharp Edges:** The metal roof panels may have sharp edges. Use caution and wear gloves during handling. The soft-edged rubber strip should be installed around the roof edge to reduce risk.
- **Electrical Safety:** Do not install near overhead power lines. Avoid using electrical appliances inside the carport during wet conditions.
- **Children and Pets:** Keep children and pets away from the assembly area.

3. Package Contents

Your GAOMON Metal Carport is delivered in multiple cartons. Please verify all components are present before beginning assembly. If any items are missing or damaged, contact customer support.

- **Frame Components:** Powder-coated steel frame sections (various lengths and shapes).
- **Roof Panels:** Galvanized steel roof panels.
- **Fasteners:** Bolts, nuts, washers, and other hardware for assembly.
- **Anchoring Hardware:** Heavy-duty anchor rods.
- **Sealing Materials:** Waterproof sealing tape, soft-edged rubber strip.
- **Tools:** Basic assembly tools (e.g., wrenches) may be included or required.
- **Protective Gear:** Two pairs of gloves.
- **Documentation:** Instruction manual.

The entire package typically consists of 6 cartons. Components are numbered for easy identification during assembly.



Image: Illustration of included items: two pairs of gloves and 6 cartons, indicating the packaging for the carport components.

4. Setup and Installation

Assembly of the GAOMON Metal Carport requires two to three adults. Follow the step-by-step guidance provided in this manual and the included instructions. Each component is numbered to facilitate the process.

4.1 Site Preparation

- Select a flat, stable area for installation. The carport can be installed on various surfaces including gravel, asphalt, concrete, or grass.
- Clear the area of any debris, rocks, or obstructions.
- Ensure the ground is level to prevent structural stress and ensure proper drainage.



Image: The carport's reinforced base design is suitable for installation on various surfaces including gravel, asphalt, concrete, and grass.

4.2 Frame Assembly

Begin by assembling the main frame structure. The upgraded frame structure is designed for improved ease of installation and stability.

1. Unpack all components and lay them out, matching them to the numbered parts in the instruction diagram.
2. Connect the base frame sections, ensuring all connections are secure.
3. Assemble the vertical support posts and roof arches according to the diagrams. The triangle frame design provides enhanced stability.
4. Securely fasten all frame components using the provided bolts and nuts. Do not overtighten until the entire frame is loosely assembled.



Image: A three-step diagram illustrating the assembly process: first the frame, then the roof panels, and finally the complete carport structure.

4.3 Roof Panel Installation

Install the galvanized steel roof panels onto the assembled frame.

1. Carefully lift and position each roof panel onto the frame.
2. Apply the waterproof sealing tape between each two sheets to maximize rainwater performance.
3. Secure the roof panels to the frame using the designated fasteners.
4. Install the soft-edged rubber strip around the roof edge to prevent cuts and extend material lifespan.
5. Ensure all roof panels are securely fastened and overlap correctly for efficient drainage. The upgraded sloping canopy enables quick water drainage.



Image: Close-up of the carport roof demonstrating the application of waterproof tape between panels and the sidewall extension designed for efficient rainwater drainage.

4.4 Anchoring the Carport

Once the frame and roof are assembled, securely anchor the carport to the ground.

- Utilize the heavy-duty anchor rods provided to secure the base of the carport to the ground.
- For uneven ground surfaces like gravel, the ground reinforcing poles improve stability. When installing side metal panels, cut holes where these poles will go.
- Ensure all anchor points are firm and the carport is stable.

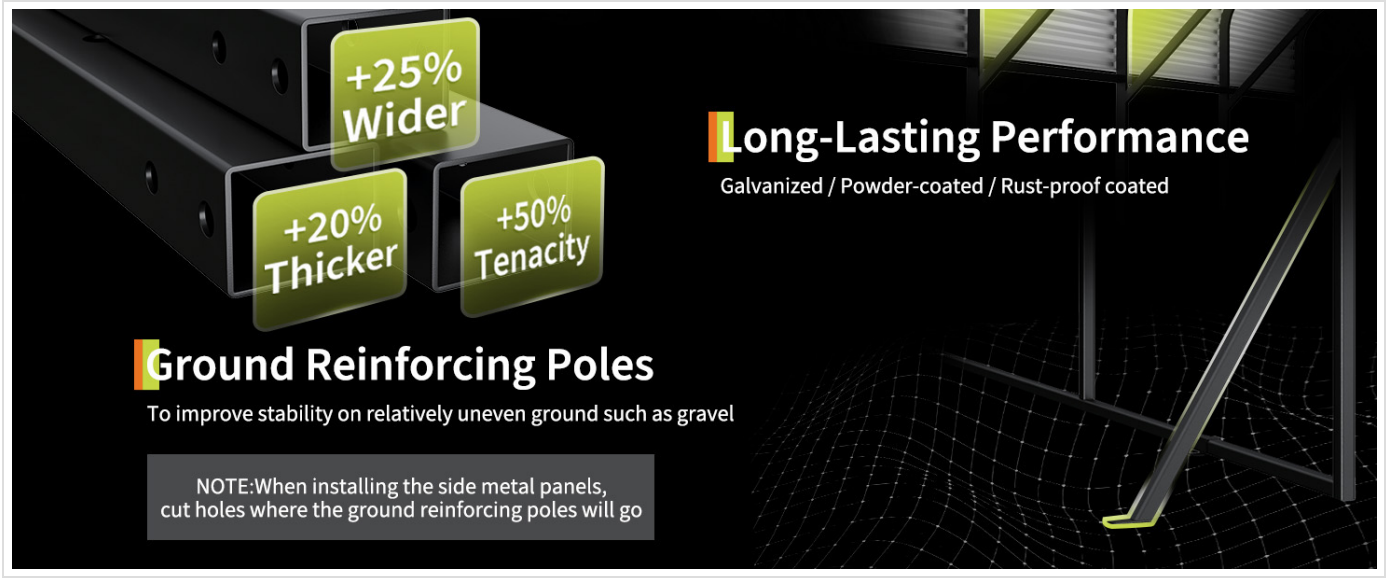


Image: A diagram highlighting the ground reinforcing poles, designed to enhance stability on uneven surfaces such as gravel. A note advises cutting holes in side panels for these poles.

4.5 Installation Videos

For visual guidance, refer to the official installation videos below:

Metal Carport Installation Guide

Your browser does not support the video tag.

Video: A detailed installation guide for the GAOMON Metal Carport, demonstrating key assembly steps.

Metal Carport Assembly Overview

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Video: An overview of the assembly process for the GAOMON Metal Carport, highlighting various stages of construction.

5. Operating Instructions (Usage)

The GAOMON Metal Carport is a versatile outdoor structure designed to provide shelter and space for various needs.

- **Vehicle Shelter:** Use the carport to protect your car, SUV, truck, or boat from sun, rain, snow, and other elements.
- **Outdoor Activities:** The spacious design makes it suitable for use as a canopy for outdoor gatherings, parties, weddings, or trade shows.
- **All-Weather Protection:** The galvanized steel roof and powder-coated steel frame provide rust-resistance, UV-resistance, wind-resistance (up to 100 MPH), and snow-resistance (up to 35 PSF).



Image: Examples of the carport's versatile uses, including sheltering a car, hosting a courtyard gathering, protecting a boat, and providing a shaded area for balcony relaxation.



Image: Visual representation of the carport's all-weather durability, highlighting its resistance to water, UV radiation, wind, and snow.

6. Maintenance

Regular maintenance will extend the lifespan and ensure the continued performance of your GAOMON Metal Carport.

- **Cleaning:** Periodically clean the roof and frame with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Regularly inspect all bolts, nuts, and connections to ensure they remain tight. Retighten as necessary.
- **Roof Condition:** Check the galvanized steel roof panels for any signs of damage or corrosion. The rust-proof coating helps prevent this, but regular inspection is recommended.
- **Sealing Tape:** Verify the waterproof sealing tape between roof sheets is intact and performing effectively. Replace if signs of wear or leakage are observed.
- **Drainage:** Ensure the sloping canopy and sidewall extensions are clear of debris to allow for efficient water drainage.
- **Snow Removal:** While the carport has a snow load capacity of 35 PSF, heavy or prolonged snowfall should be cleared from the roof to prevent excessive accumulation and potential damage.



Image: The GAOMON carport standing strong under a layer of snow, illustrating its all-weather durability and the importance of snow load management.

7. Troubleshooting

This section addresses common issues you might encounter with your GAOMON Metal Carport.

Problem	Possible Cause	Solution
Carport feels unstable or wobbly.	Loose connections; insufficient anchoring; uneven ground.	Ensure all bolts and nuts are securely tightened. Verify anchor rods are firmly in place. Re-level the ground if necessary.

Problem	Possible Cause	Solution
Water leakage from the roof.	Improperly installed roof panels; damaged sealing tape; debris blocking drainage.	Check roof panel overlap and ensure they are correctly fastened. Inspect and replace any damaged waterproof sealing tape. Clear any debris from the roof and drainage channels.
Missing or damaged parts upon delivery.	Shipping error or transit damage.	Refer to the package contents list and contact GAOMON customer support immediately with details of the missing or damaged items.
Difficulty during assembly.	Incorrect part identification; insufficient personnel; misinterpretation of instructions.	Double-check part numbers against the manual. Ensure 2-3 adults are assisting. Review the step-by-step instructions and installation videos carefully.

8. Specifications

Feature	Detail
Brand	GAOMON
Model Number	RLVOAHlqLBjvv_BWCkeQsg7R86p
Product Dimensions (L x W x H)	233.86"L x 236.22"W x 106.3"H (Approx. 20x20 FT)
Item Weight	106.3 pounds
Frame Material	Carbon Steel (Powder-coated)
Roof Material	Galvanized Steel
Color	Gray
Water Resistance Level	Water Resistant
Ultraviolet Light Protection	Anti-UV
Wind Rating	100 MPH
Snow Load Capacity	35 PSF
Number of Items	1 Carport Unit
UPC	822200722106
GTIN	822200722106



Image: A diagram illustrating the carport's 110-degree roof slope, designed to handle 50% more weight, and triangle reinforcement, providing 50% higher wind resistance.

9. Warranty and Support

For warranty information, product support, or to inquire about replacement parts, please contact GAOMON customer service. Keep your purchase receipt and model number handy for faster service.

- **Customer Service:** Refer to the contact information provided with your purchase or visit the official GAOMON website.
- **Protection Plans:** Additional protection plans may be available for purchase. (e.g., 3-Year Protection Plan, Complete Protect).

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