

GarveeLife GL-KD-VRMCAP-2025

GarveeLife 20x25 ft Vertical Roof Metal Carport Instruction Manual

Model: GL-KD-VRMCAP-2025

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your GarveeLife 20x25 ft Vertical Roof Metal Carport. Please read all instructions carefully before assembly and retain this manual for future reference.

Safety Information

To ensure the maximum lifespan and safety of your metal carport, strictly adhere to the following operational guidelines. Proper installation and maintenance are the responsibility of the owner.

- Do not attempt installation during high winds or inclement weather.
- Regularly inspect all bolts and connection points to ensure they remain tight and secure over time.

2. SETUP AND INSTALLATION

Pre-Installation Checks

Your carport arrives in 10 cartons, which may arrive separately. Verify all parts are present and undamaged upon receipt. Contact customer support immediately if any parts are missing or damaged.

Tools Required

Assembly typically requires 2-3 individuals. Prepare the following tools:

- Electric drills
- Gloves
- Ladders
- Hammers

Foundation and Anchoring Requirements

A level and stable foundation is critical for performance.

- **Concrete Surfaces:** Use the included expansion bolts to secure the base rails directly to the concrete.
- **Soil, Grass, or Sand:** The ground must be perfectly level before installation. It is strongly recommended to use landscape timbers as a perimeter base, pour pre-cast concrete footings, or utilize heavy-duty U-stakes (not included) to ensure the structure remains anchored and level.

Structural Components

The carport's skeleton is engineered with 10 roof purlins, increasing contact points with roof sheets for superior weight distribution and structural rigidity. Columns, rafters, peak beams, and eave purlins are crafted from 2" / 19 Ga. steel.

Truss Reinforcement

Adds structural stability



10-Purlin System

For superior weight distribution

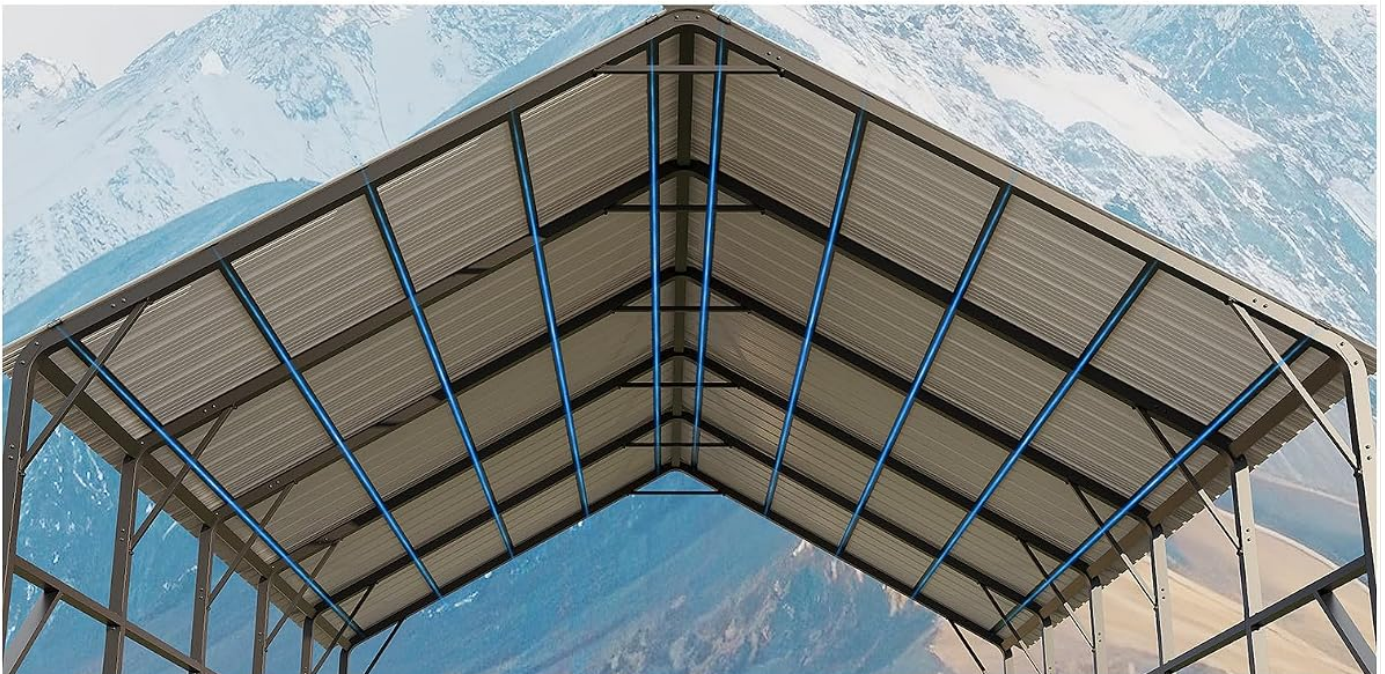


Image: Carport frame illustrating truss reinforcement and the 10-purlin system for enhanced stability and weight distribution.

Wind Resistance & Ballast Protocol

The rated 120 MPH wind resistance is a laboratory metric based on specific conditions:

- Installation on a level concrete base.
- Secured with 12-inch expansion bolts.

- Application of additional ballast (e.g., sandbags) on the base rails totaling 3x the product's weight.

In high-wind areas, customers must provide additional downward force (such as sandbags or earth anchors) to prevent wind uplift. Failure to meet these installation conditions voids the wind-rating guarantee.

3. OPERATING INSTRUCTIONS

High Clearance Design

The unique 120° roof angle creates a significantly higher 173-inch peak, offering substantial overhead room. This high-arch design provides a massive 109-inch entry clearance, ideal for high-profile equipment such as tractors with cabs, Class A RVs, and tall agricultural machinery.

High-Arch Design

Provides a massive 109-inch entry clearance.



Image: The carport's high-arch design providing ample clearance for large vehicles and equipment.

All-Weather Use

The combination of a vertical panel layout and a steep 120° angle maximizes gravity-assisted drainage. This design ensures that rain and moderate snow slide off efficiently, preventing dangerous accumulation and ice damming common on lower-pitched roofs. The double interlock-drainage system creates a wall by interlocking two ribs, preventing rainwater from seeping laterally and guiding it to drain naturally.

Double Interlock-drainage system

Sayonara to annoying sealant installation.

This system creates a wall by interlocking two ribs preventing rainwater from seeping laterally. It also forms a step, letting gravity guide the rainwater to drain naturally.



Image: Close-up of the carport's vertical roof panels demonstrating the double interlock-drainage system during rainfall.

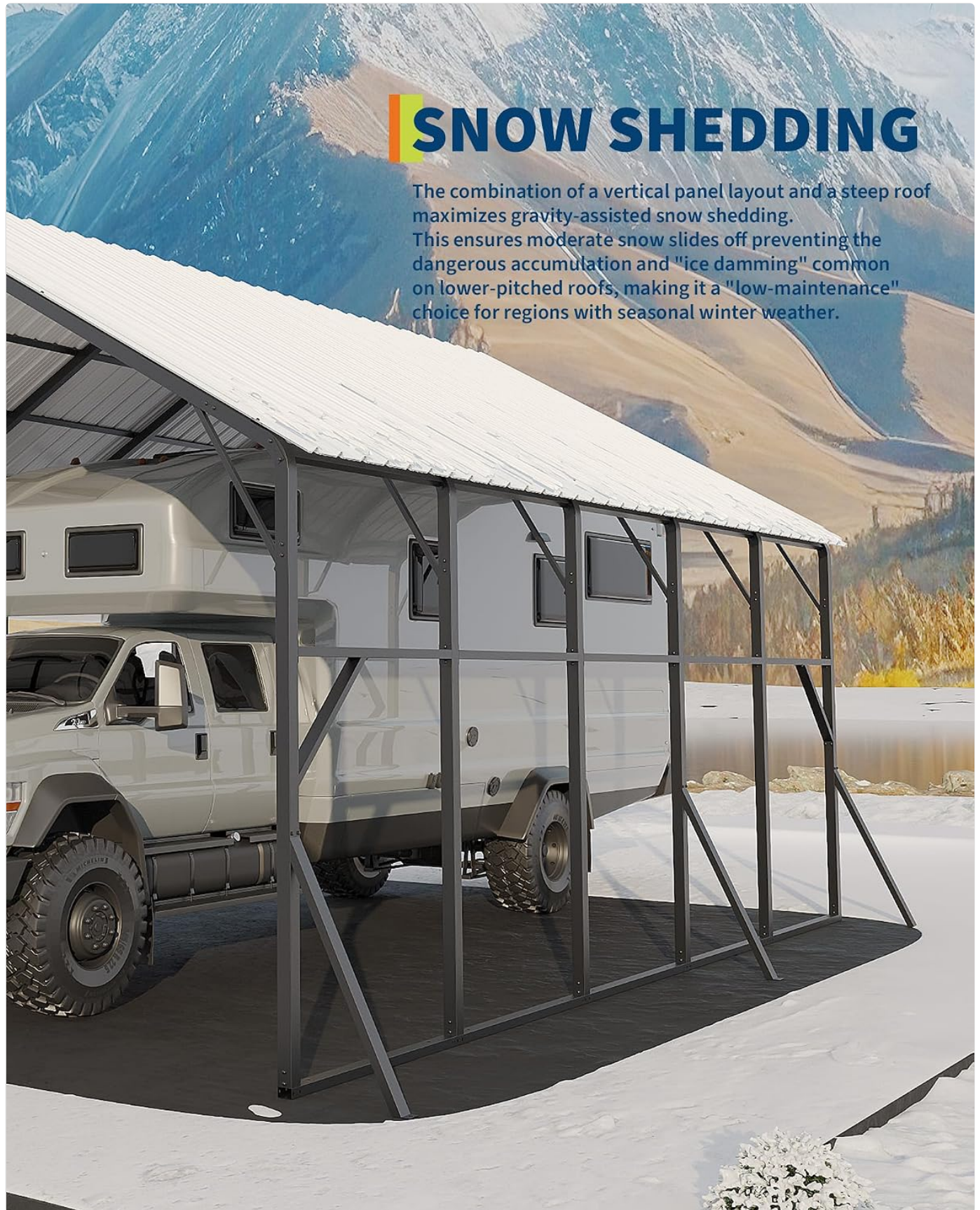
Dual-Vehicle Capacity

This 20x25 ft (239" W x 292" D) carport provides a flexible footprint that comfortably houses two full-size pickup trucks side-by-side or serves as a high-capacity outdoor workspace.

4. MAINTENANCE

Snow Management & Load Limits

While the 120° steep-pitch vertical roof is designed for rapid snow shedding, manual clearing is required once accumulation reaches 6 inches. Allowing snow to exceed this depth creates excessive static load that may compromise structural integrity. The manufacturer is not liable for structural damage caused by snow loads exceeding 6 inches.



SNOW SHEDDING

The combination of a vertical panel layout and a steep roof maximizes gravity-assisted snow shedding. This ensures moderate snow slides off preventing the dangerous accumulation and "ice damming" common on lower-pitched roofs, making it a "low-maintenance" choice for regions with seasonal winter weather.

Image: The carport's roof design facilitating snow shedding in a winter setting.

Regular Inspections

Periodically inspect all bolts, screws, and connection points to ensure they remain tight and secure. This helps maintain the structural integrity and longevity of the carport.

5. TROUBLESHOOTING

Missing or Damaged Parts

If the product arrives with shipping damage or missing parts, contact our dedicated support team immediately for assistance. Products may be damaged during transportation if handled improperly.

6. SPECIFICATIONS

Detailed specifications for the GarveeLife 20x25 ft Vertical Roof Metal Carport:

Feature	Detail
Brand	GarveeLife
Model Number	GL-KD-VRMCAP-2025
Product Dimensions (L x W x H)	292"L x 239"W x 173"H
Entry Clearance	109 inches
Floor Area	500 Square Feet
Frame Material	Alloy Steel (Galvanized steel)
Roof Angle	120° Steep-Pitch
Roof Material	Water-repellent metal roof (27 Ga. Metal Sheets)
Rafters and Purlins	2" / 19 Ga. steel, 10 roof purlins
Wind Resistance	Rated 120 MPH (under specified anchoring conditions)
UV Light Protection	Yes
Water Resistance Level	Water Repellent
Item Weight	100 Pounds
Required Assembly	Yes

BIG & TALL

Carport Dimensions

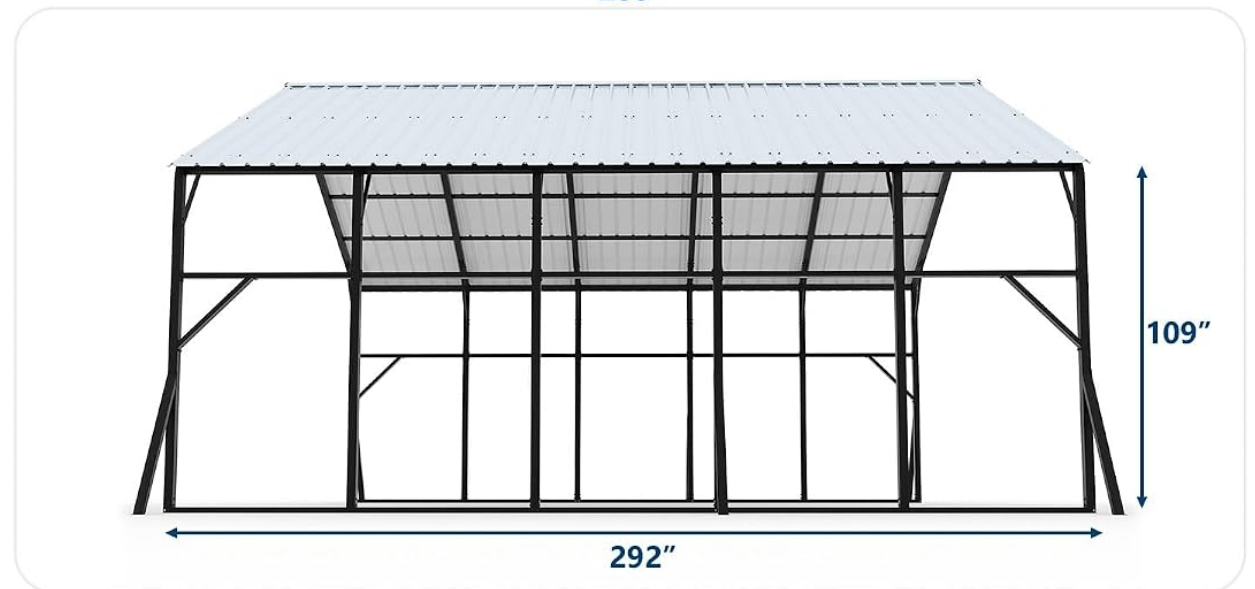
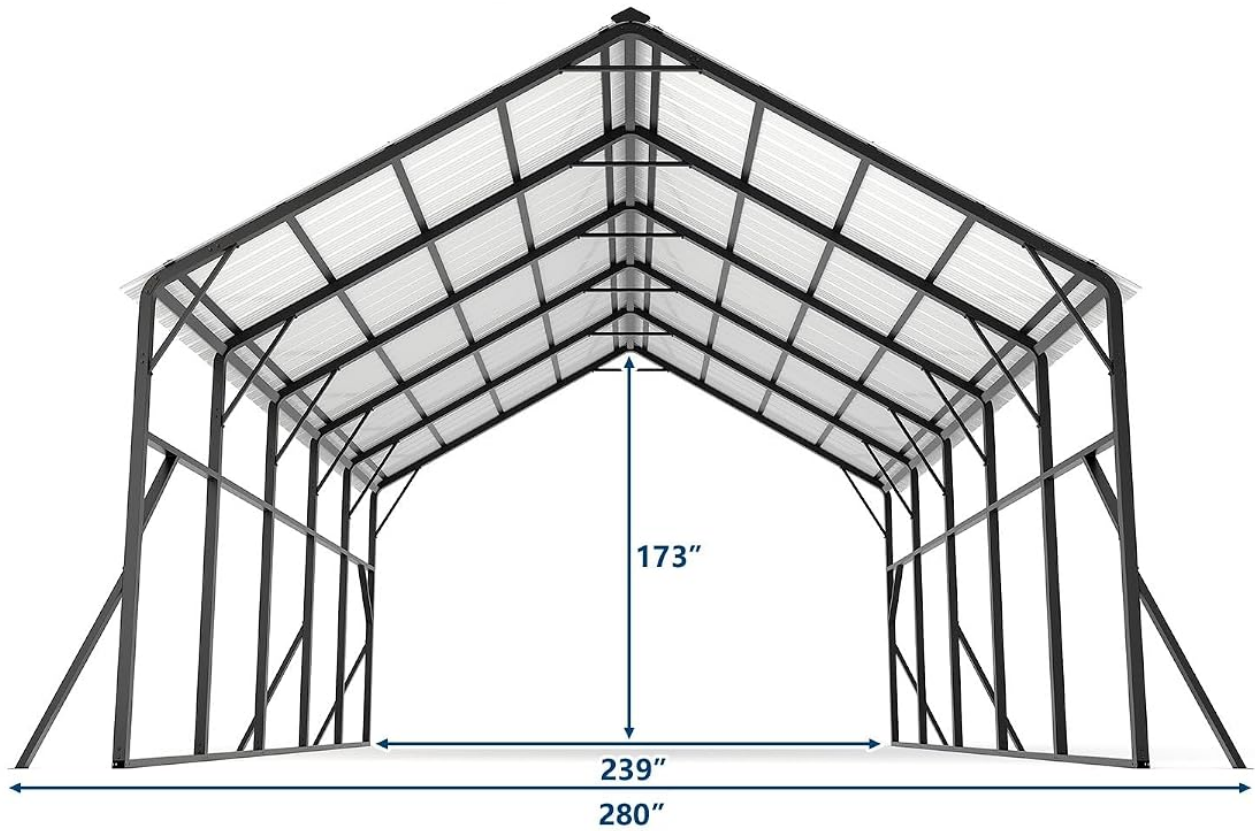


Image: Detailed dimensions of the GarveeLife 20x25 ft Vertical Roof Metal Carport.

Kaater/Ridge/ Column/Eave Purlin	2" / 19 Ga.	2" / 19 Ga.	2" / 19 Ga.	2" / 19 Ga.	2" / 19 Ga.	2" / 19 Ga.
Roof Sheet	27 Ga.	27 Ga.	27 Ga.	27 Ga.	27 Ga.	27 Ga.
Build time	8 Hrs	10 Hrs	12 Hrs	16 Hrs	24 Hrs	24 Hrs
People required for installation	2	3	4	4	4+	4+
Tools required for installation	Ladders, drills, and hammers					
Recommended Snow Management	Manual clearing required at 6"					
Max Anti-Wind Level	120 Mph(achieved only when anchored to a reinforced concrete base as per instructions)					
Suitable Terrain	Level Concrete Base(recommended) / Loamy Soil(requires heavy anchor stakes [not included]) Sandy Soil(requires precast base[not included])					

Image: A comparison table outlining specifications for various GarveeLife carport models, including build time, personnel required, and suitable terrain.

7. WARRANTY INFORMATION

For detailed warranty terms and conditions, please refer to the official Warranty Document:

[Download Warranty \(PDF\)](#)

8. CUSTOMER SUPPORT

If you have any questions, require assistance with assembly, or need to report missing/damaged parts, please contact our customer support team. Our dedicated team is available to help.

For general inquiries or support, please visit the GarveeLife store on Amazon or use the contact information provided with your product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question