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› GarveeLife 12x20 ft Wall-Mounted Metal Carport Instruction Manual

GarveeLife GL-KD-VRMCAP-1220

GarveeLife 12x20 ft Wall-Mounted Metal Carport Instruction Manual

Model: GL-KD-VRMCAP-1220

INTRODUCTION

This manual provides essential instructions for the safe and efficient assembly, operation, and maintenance of your GarveeLife 12x20 ft Wall-Mounted Metal Carport. Designed for side-of-house installation, this lean-to carport offers a 107-inch high-side clearance, suitable for full-size SUVs, pickups, or other equipment. Its vertical roof design promotes efficient snow and water runoff, while the 19-gauge galvanized steel frame ensures durability.

Please read all instructions carefully before beginning assembly and retain this manual for future reference. For detailed assembly steps, refer to the official [User Manual \(PDF\)](#).



Image: The GarveeLife 12x20 ft Wall-Mounted Metal Carport providing shelter for a vehicle.

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.

Snow Management & Load Limits

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

Foundation & 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:** Ensure the ground is perfectly level before installation. We strongly recommend using landscape timbers as a perimeter base, pouring pre-cast concrete footings, or utilizing heavy-duty U-stakes (not included) to ensure the structure remains anchored and level.

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, and the manufacturer is not responsible for losses caused by high-wind events under improper installation.

General Safety

- 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.

SETUP

The GarveeLife 12x20 ft Wall-Mounted Metal Carport arrives in 6 cartons, which may arrive separately. It is recommended to have 2-3 people for assembly. Essential tools include ladders, drills, and hammers.

Assembly Overview

Before starting, ensure you have all components and tools listed in the official user manual. Follow the step-by-step instructions provided in the manual for proper assembly. Pay close attention to the foundation and anchoring requirements detailed in the Safety Information section to ensure stability and wind resistance.

Your browser does not support the video tag.

Video: A step-by-step assembly tutorial for a GarveeLife carport, demonstrating the construction process.

Foundation Preparation

As outlined in the safety guidelines, a level and stable foundation is paramount. For concrete surfaces, use the provided expansion bolts. For softer grounds like soil, grass, or sand, ensure the area is perfectly level and consider using landscape timbers, pre-cast concrete footings, or heavy-duty U-stakes for enhanced stability.

						
Compatible for	12X20 Lean to Carport	12X25 Lean to Carport	13X21 Vertical Roof	13X26 Vertical Roof	20X20 Vertical Roof	20X25 Vertical Roof
	Full-Sized SUV / Sedan / Pickup truck	Full-Sized SUV / Sedan / Pickup truck	Full-Sized Pickups / Bass Boat / Compact Trailer / Low-Profile Vans / Pop-up Campers	Full-Sized Pickups / Bass Boat / Compact Trailer / Low-Profile Vans / Pop-up Campers	Full-Sized Pickup Truck / Tractor / Bass Boat / Trailer Class C RV	Full-Sized Pickup Truck / Tractor / Bass Boat / Trailer Class A RVs* (enter via the center of the gable)
Sidewalls & Gable End Panels	-	-	Optional	Optional	Optional	Optional
Entry Clearance	78" Leg / 107" Peak	78" Leg / 107" Peak	87" Leg / 133" Peak	87" Leg / 133" Peak	109" Leg / 173" Peak	109" Leg / 173" Peak
Load-Bearing Purlins	5 Rows	5 Rows	10 Rows	10 Rows	10 Rows	10 Rows
Structural Corner Braces	14	16	15	18	19	22
Rafter/Ridge/						

Image: The GarveeLife 12x20 ft Metal Carport LT, illustrating its wall-mounted design and space-saving integration.

OPERATING YOUR CARPORT

Your GarveeLife 12x20 ft Wall-Mounted Metal Carport is designed to provide reliable shelter for your vehicles and equipment. Its lean-to design optimizes space, fitting under standard residential eaves.

Vertical Roof Design

The vertical roof design is engineered for efficient runoff of rain and snow. Unlike horizontal roofs that can trap accumulation, the vertical panels, combined with an 11.5° slope, utilize gravity to shed precipitation effectively. This design helps prevent heavy accumulation and potential 'ice damming'. The double interlock-drainage system further prevents rainwater from seeping laterally by interlocking two ribs, guiding water to drain naturally.



Image: The double interlock-drainage system, demonstrating its effectiveness in shedding water.

Extensibility

This lean-to unit can be mounted against a wall or seamlessly paired with other GarveeLife metal carports, such as a 20x20 ft model. This allows for creating a comprehensive shelter cluster, for example, housing an RV in a larger bay while dedicating this 12x20 side bay for a daily driver.



Image: An example of combining multiple GarveeLife carports for extended shelter.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GarveeLife carport.

Snow Management

While the vertical roof is designed for snow shedding, manual clearing is required when snow accumulation reaches 6 inches. Prompt removal prevents excessive static load and potential structural damage. For heavy snow zones, consider adding temporary vertical support posts to the ridge and rafters during peak winter for added reinforcement.



Image: The carport effectively shedding snow due to its vertical roof design.

Structural Integrity Checks

Periodically inspect all bolts and connection points to ensure they remain tight and secure. The frame is crafted from 2-inch / 19-gauge galvanized square steel tubes with 5 rows of 1.6-inch x 2-inch purlins, offering rust resistance. However, regular checks help maintain its structural integrity against environmental factors.

TROUBLESHOOTING

Missing or Damaged Parts

Your 12x20 carport arrives in 6 cartons, which may arrive separately. If the product arrives with shipping damage or missing parts, contact our dedicated support team immediately. Products may be damaged during transportation if handled incorrectly. Do not hesitate to seek assistance if this occurs.

Assembly Difficulties

If you encounter difficulties during assembly, refer to the attached user manual for step-by-step guidance. Ensure you have the recommended tools and assistance (2-3 people) for a smoother process.

SPECIFICATIONS

Feature	Detail
Brand	GarveeLife
Model Number	GL-KD-VRMCAP-1220
UPC	824126196641
Color	White
Product Dimensions (L x W x H)	142"L x 234"W x 107"H
Size	12x20 FT Vertical Roof
Floor Area	240 Square Feet
Item Weight	75 Pounds
Frame Material	Alloy Steel (Galvanized steel)
Coverage	Vertical Roof with Open Sides
Water Resistance Level	Water Repellent
Ultraviolet Light Protection	YES
Required Assembly	Yes
Recommended Uses	Carports

Pros of Vertical Roof

This arrangement 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: Detailed dimensions of the 12x20 ft Wall-Mounted Carport.



Image: A comparison chart detailing specifications for different GarveeLife carport models, including the 12x20 ft Lean-to Carport.

WARRANTY

For detailed information regarding the product warranty, please refer to the official [Warranty \(PDF\)](#) document. This document outlines the terms and conditions of your product's coverage.

SUPPORT

Should you require assistance with your GarveeLife 12x20 ft Wall-Mounted Metal Carport, including inquiries about missing parts, shipping damage, or assembly guidance, please contact our dedicated support team. We are committed to providing prompt and helpful service.

For common questions, you may also refer to the FAQs on the GarveeLife brand store page or the provided PDF manual.

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