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Garvee G-TC-EMCAP-12204k

Garvee 12x20 ft Enclosed Metal Car Port Instruction Manual

Model: G-TC-EMCAP-12204k | Brand: Garvee

1. Introduction and Overview

This manual provides essential instructions for the safe and efficient assembly, operation, and maintenance of your Garvee 12x20 ft Enclosed Metal Car Port. Designed for all-weather use, this metal garage shed offers comprehensive protection for vehicles and serves as a versatile outdoor storage solution. Please read this manual thoroughly before beginning assembly or use.



Image: The Garvee 12x20 ft Enclosed Metal Car Port, highlighting its heavy-duty construction with 27 Ga. metal sheets, 19 Ga. steel frames, and a 180° main hinged door with a man door.

2. Safety Information

Important Safety Warnings:

- Use this structure only under Beaufort scale 12 or lower wind conditions.
- In windy areas, it is highly recommended to use additional sandbags, concrete anchors, and guylines for enhanced stability.
- During snowfall, regularly clear snow from the roof. Accumulation should not exceed 5 inches to prevent excessive load-

bearing that could damage the structure.
- Always wear appropriate personal protective equipment (PPE) during assembly, including gloves and eye protection.
- Ensure the assembly area is clear of obstructions and children.
- Do not climb on the roof or frame of the carport.

3. Package Contents

Please refer to the detailed packing list included with your product for a complete inventory of all components. Ensure all parts are present and undamaged before beginning assembly. Key components include:

- 19-Gauge High-Strength Steel Frames
- 27-Gauge Steel Roof and Wall Panels
- Hinged Main Door
- Man Door
- Fasteners and Hardware
- Assembly Tools (basic tools may be included, but power tools are recommended)

4. Setup and Assembly Instructions

Assembly of the Garvee Enclosed Metal Car Port requires careful attention to detail and multiple individuals. It is recommended to have at least 4 people for assembly, with an estimated completion time of 18 hours.

4.1 Site Preparation

- Install the car port on a level surface such as concrete ground, a wooden deck, or footings.
- Ensure the chosen location is clear of overhead obstructions and provides adequate space around the structure for assembly and access.

4.2 Tools Required

- Electric drills
- Ladders
- Measuring tape
- Wrenches and screwdrivers
- Safety gloves and eye protection

4.3 Assembly Tips

- **Organize Parts:** Before starting, lay out all pieces and identify them according to the assembly guide. This helps visualize how components fit together, especially where parts overlap in later steps.
- **Follow Instructions Carefully:** Avoid premature fastening. Some pieces may need to be temporarily placed or loosely attached before final tightening to accommodate other components, particularly at corners and door frames.
- **Anchoring:** The car port must be anchored to the concrete slab or footings using the included wedge anchors to ensure wind resistance.



Image: Diagram illustrating the overall dimensions of the Garvee Carport: 236 inches (L) x 139 inches (W) x 111 inches (H).

For detailed step-by-step instructions, refer to the separate comprehensive assembly manual provided with your product.

5. Operating Instructions

The Garvee Enclosed Metal Car Port is designed for versatile use, providing secure shelter for vehicles and equipment.

- **Vehicle Storage:** Easily park full-sized pickup trucks or sedans within the spacious interior.
- **General Storage:** Utilize the enclosed space for storing lawn tools, garden equipment, or other outdoor items, protecting them from weather elements.
- **Access:** The main hinged door provides wide access for vehicles, while the integrated man door allows convenient pedestrian entry and exit without opening the main doors.
- **Ventilation:** Air vents promote air circulation to maintain indoor freshness and reduce condensation.

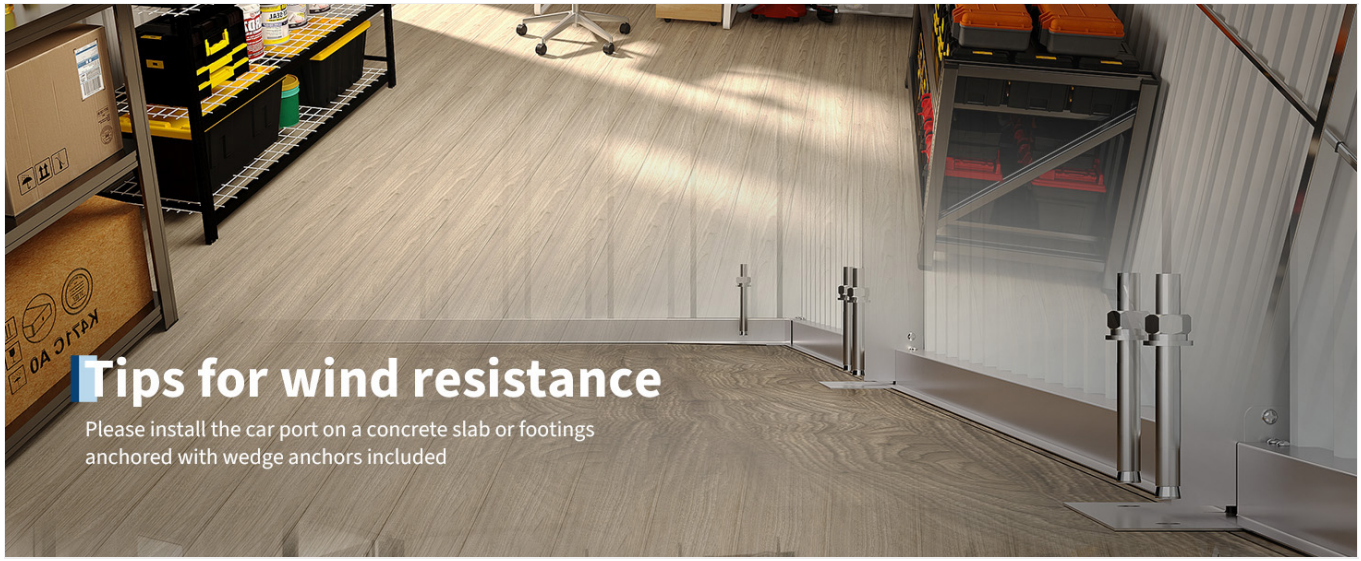


Image: An aerial view demonstrating the multifunctional capabilities of the carport, including use as a car port, outdoor storage, and even a pet house.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your metal car port.

- **Snow Removal:** During winter, clear snow from the roof regularly, especially if accumulation exceeds 5 inches, to

prevent structural damage from excessive weight.

- **Cleaning:** Periodically clean the exterior and interior metal surfaces with mild soap and water. Avoid abrasive cleaners or tools that could scratch the galvanized finish.
- **Inspection:** Annually inspect all fasteners, bolts, and connections to ensure they are tight. Re-tighten any loose components.
- **Rust Prevention:** Although parts are double galvanized for rust resistance, inspect for any signs of rust, especially in areas where the coating might be compromised. Address any rust spots promptly with appropriate rust-inhibiting paint.
- **Drainage:** Ensure the area around the base of the carport remains clear to allow for proper water drainage and prevent pooling.

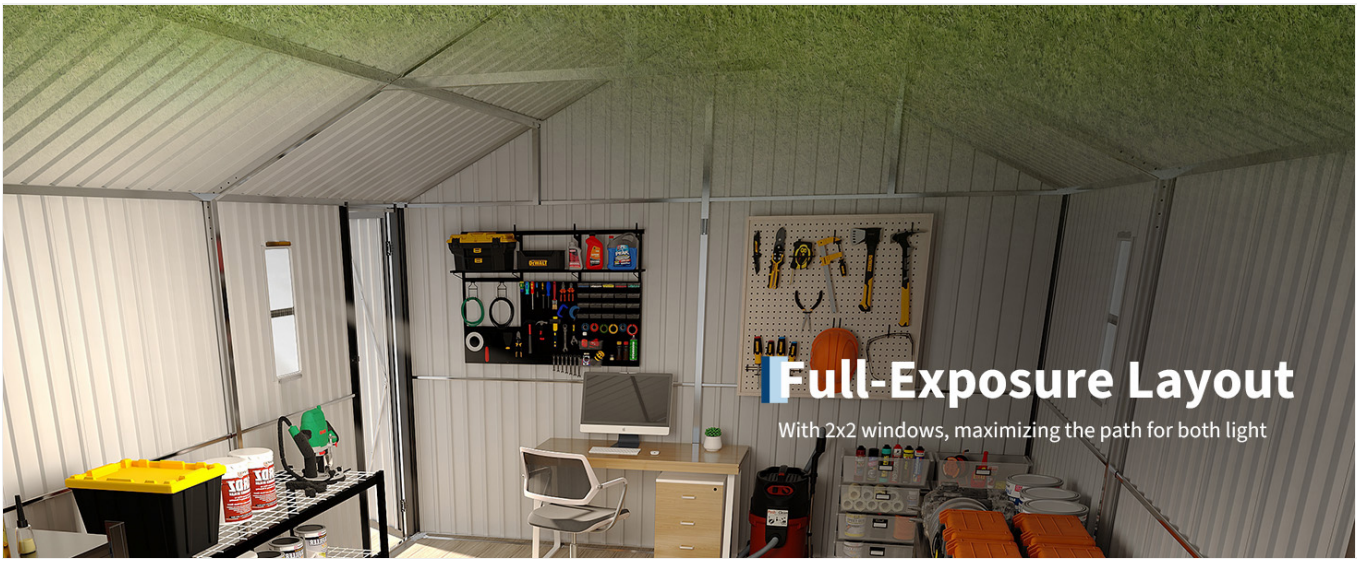


Image: The vertical panel layout of the roof ensures moderate snow slides off. Regular snow clearing is advised once accumulation reaches 6 inches to prevent dangerous buildup.

7. Troubleshooting

If you encounter issues during assembly or use, consider the following:

- **Missing Parts:** Double-check the packing list and all packaging materials. If parts are genuinely missing, contact Garvee customer support.
- **Assembly Difficulties:** Re-read the specific steps in the detailed assembly manual. Ensure all parts are oriented correctly before tightening fasteners. Remember the tip to lay out parts and understand overlaps.
- **Water Accumulation:** The vertical roof design is intended for optimal drainage. Ensure the ground around the carport is level and allows water to run off. Check for any debris blocking the roof channels.
- **Structural Instability:** Verify that all anchors are securely fastened to the ground and all frame connections are tight. Ensure the structure is installed on a truly level surface.

8. Specifications

Brand	Garvee
Model Number	G-TC-EMCAP-12204k
Product Dimensions (L x W x H)	236" x 139" x 111"
Item Weight	80 Pounds
Frame Material	Alloy Steel (19 Ga.)

Roof/Wall Material	Steel (27 Ga.)
Water Resistance Level	Water Repellent
Ultraviolet Light Protection	Yes
Assembly Required	Yes (Approx. 18 hours, 4 people)
Color	Gray
Floor Area	200 Square Feet
UPC	824126349733

9. Warranty and Support

Manufacturer Warranty: This Garvee product comes with a 1-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.
Additional Resources:

- A detailed User Manual (PDF) is available for download.
- For warranty details, please refer to the Warranty (PDF) document.

Customer Support: For any questions, technical assistance, or warranty claims, please contact Garvee customer support through the retailer's platform or the official Garvee website.

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.

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