

[Manuals.plus](#) /

› [Reljofum](#) /

› Reljofum 12 x 20 FT Metal Carport (Model PHO_15DB) Instruction Manual

Reljofum PHO_15DB

Reljofum 12 x 20 FT Metal Carport

Model: PHO_15DB

1. SAFETY INFORMATION

Before assembly and use, carefully read and understand all instructions. Failure to follow these instructions may result in injury or damage to the product.

- Ensure proper assembly of all components as detailed in this manual.
- Avoid using the carport during heavy rainfall, strong winds, or severe storms. Disassemble or secure the structure if extreme weather conditions are anticipated.
- Take precautions against prolonged UV exposure to maintain material longevity.
- Always follow instructions to ensure safe use and dismantling.
- Wear appropriate personal protective equipment (e.g., gloves, safety glasses) during assembly.
- Keep children and pets away from the assembly area.

2. PRODUCT OVERVIEW

The Reljofum 12 x 20 FT Metal Carport is designed to provide reliable coverage for vehicles and outdoor equipment. It features a galvanized steel roof and a powder-coated steel frame for durability and weather resistance.



Image: The Reljofum 12 x 20 FT Metal Carport providing shelter for a pickup truck in a driveway.

Key Features:

- **Upgraded and Enhanced Base:** Equipped with heavy-duty anchor rods and 6 reinforcing support rods for stability on various surfaces.
- **Weather Resistance:** Industrial-grade steel brackets and a highly corrosion-resistant galvanized steel roof. Designed to withstand rain, snow, and wind. Wind Rating: 100 MPH; Snow Load Capacity: 35 PSF.
- **Sturdy Frame:** Powder-coated steel frame with an upgraded structure for improved stability.
- **Waterproof Design:** Waterproof sealing tape on roof seams prevents water seepage. Soft-edged rubber strip around the roof edge enhances material longevity.

RESILIENT IN ALL ELEMENTS

Our carports are well-made and durable to withstand the elements, ensuring reliable protection for your car in every season.



Image: Visual representation of the carport's resilience in various weather conditions, including snow, rain, wind, and sun.

3. PACKAGE CONTENTS

The product will be divided into 4 packages. These packages might not arrive simultaneously. Please ensure all packages have arrived before beginning assembly.

Refer to the packing list included with your product for a detailed inventory of all parts and hardware.

4. ASSEMBLY INSTRUCTIONS

Careful assembly is crucial for the stability and longevity of your carport. Follow these steps and refer to the included detailed instruction manual for specific diagrams and hardware identification.

General Assembly Steps:

1. Step 1: Assemble Roof Frame

Begin by assembling the structural components that form the roof frame of the carport.

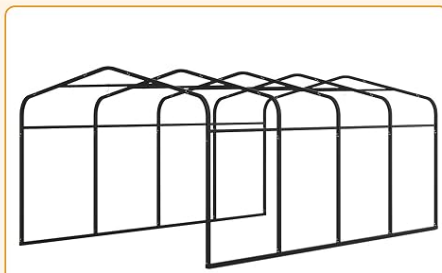
2. Step 2: Place the Roof Cover on the Frame

Once the roof frame is complete, carefully position and secure the galvanized steel roof panels onto the frame.

3. Step 3: Install the Reinforcing Support Rods

Attach the reinforcing support rods to enhance the overall stability and strength of the carport structure.

Easy Assembly



STEP 1: ASSEMBLE ROOF FRAME



STEP 2: PLACE THE ROOF COVER ON THE FRAME



STEP 3: INSTALL THE REINFORCING SUPPORT RODS

Image: A three-step diagram illustrating the assembly process: 1) Assemble Roof Frame, 2) Place the Roof Cover on the Frame, 3) Install the Reinforcing Support Rods.

Enhanced Base Installation:

The carport includes 6 unique detachable support brackets designed for firm installation on various surfaces such as mud, cement, wood, or sand. Ensure these are properly anchored according to your ground type for maximum stability.

6 UNIQUE DETACHABLE SUPPORT BRACKET

We offer 6 unique detachable brackets. They enable firm carport installation on surfaces like mud, cement, wood, or sand, ensuring stability and durability in bad weather.



Image: A close-up view of the unique detachable support bracket, highlighting its design for secure ground installation.

Assembly Video:

Your browser does not support the video tag.

Video: An official assembly guide demonstrating the steps for setting up the 12x20FT carport. This video provides a visual aid for the installation process.

5. USAGE GUIDELINES

- Ensure the carport is securely anchored at all times, especially in areas prone to wind.
- Do not hang heavy objects from the frame.
- Regularly check for snow accumulation on the roof and remove it promptly to prevent structural stress, especially if snow load capacity is approached.
- Keep flammable materials away from the carport structure.
- This carport is designed for vehicle shelter and general outdoor storage. It can also be used for temporary outdoor events.

6. MAINTENANCE

- **Regular Inspection:** Periodically inspect all bolts, screws, and connections to ensure they remain tight. Tighten any loose fasteners.
- **Cleaning:** Clean the galvanized steel roof and frame with mild soap and water. Avoid abrasive cleaners or tools that could scratch the surfaces.
- **Rust Prevention:** While the roof is rust-resistant, inspect for any signs of rust, especially on exposed metal parts. Address any rust spots promptly with appropriate rust-inhibiting paint or treatment.
- **Drainage:** Ensure the sloping canopy remains clear of debris to facilitate rapid water drainage.

7. TROUBLESHOOTING

- **Missing Parts:** If you find any parts missing upon delivery, first check all 4 packages thoroughly. If parts are still missing, contact customer support immediately with your product model number and a list of missing components.
- **Stability Issues:** Ensure all anchor rods and reinforcing support rods are correctly installed and secured to the ground. Verify that the carport is on a level surface. Re-tighten all frame connections.
- **Water Leakage:** Check the waterproof sealing tape on the roof seams. Ensure it is properly applied and intact. Reapply or replace if necessary.
- **Incorrect Dimensions:** Verify the assembled dimensions against the specifications provided in this manual. If discrepancies are found, double-check assembly steps and component placement. Contact customer support if the issue persists.

8. SPECIFICATIONS

Feature	Detail
Brand	Reljofum
Model Number	PHO_15DB

Material	Metal (Galvanized Steel Roof, Powder-Coated Steel Frame)
Color	Dark Grey
Product Dimensions (Outer)	235"L x 180"W x 102.4"H (19.58 ft L x 15 ft W x 8.53 ft H)
Inner Measurements	145.7" wide, 232" deep, 102.4" high
Eave Height	85"
Maximum Entrance Height	102.4"
Item Weight	120 pounds
Water Resistance Level	Waterproof
Ultraviolet Light Protection	Yes
Wind Rating	100 MPH
Snow Load Capacity	35 PSF
Number of Packages	4

9. WARRANTY AND SUPPORT

This product is eligible for 30-day easy returns. For any product issues, missing parts, or assembly assistance, please contact the seller, RaysZJ, directly through the platform where the purchase was made. Provide your model number (PHO_15DB) and a detailed description of the issue for efficient support.

For additional support, you may visit the [RaysZJ Seller Profile](#).

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