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› LuyFuitre 12' x 24' Heavy Duty Metal Carport Instruction Manual

LuyFuitre 12x24FT

LuyFuitre 12' x 24' Heavy Duty Metal Carport Instruction Manual

Model: 12x24FT

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your LuyFuitre 12' x 24' Heavy Duty Metal Carport. Please read this manual thoroughly before beginning assembly to ensure safe and correct installation and use.



Image: The LuyFuitre 12' x 24' Heavy Duty Metal Carport providing shelter for a pickup truck next to a modern house.

IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- **Anchoring:** Ensure proper anchoring in accordance with local building codes. Use anchors suitable for the surface where the carport is to be installed.
- **Weather Conditions:** In areas with high wind or snow load, additional anchoring or reinforcement may be required. Always monitor the carport during extreme weather conditions and take necessary precautions to prevent damage or injury.
- **Assembly:** Assembly requires at least two adults. Wear appropriate safety gear, including gloves and eye protection.
- **Sharp Edges:** Be aware of potential sharp edges on metal components during assembly. The roof edge includes a soft-edged rubber strip to reduce cuts, but caution is still advised.

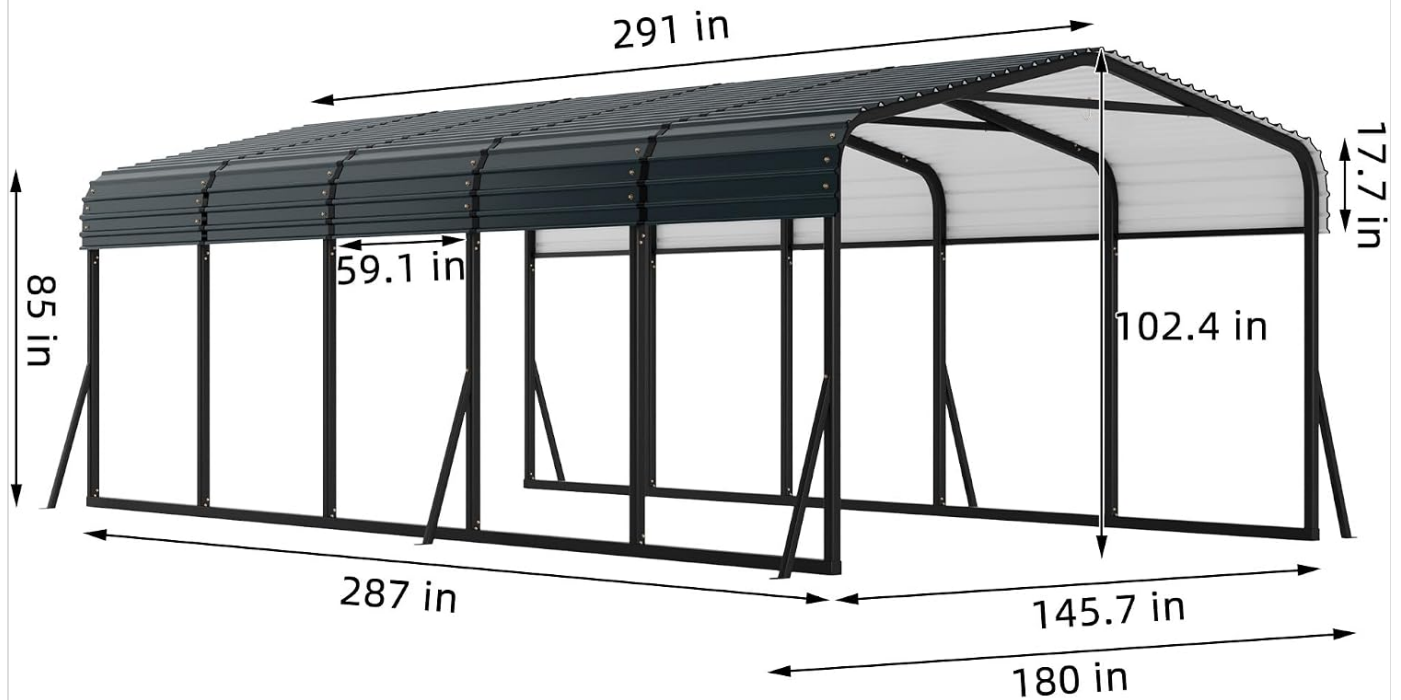
- **Component Check:** Before assembly, verify all components are present and undamaged. Do not proceed with assembly if parts are missing or damaged.

PACKAGE CONTENTS

Your LuyFuitre 12' x 24' Heavy Duty Metal Carport is shipped in multiple packages. Please ensure all packages have arrived before beginning assembly. The product will be divided into four packages, which may not arrive simultaneously. The package typically includes:

- Galvanized Steel Roof Panels
- Powder-Coated Steel Frame Components
- Heavy-Duty Anchor Rods
- Six Reinforcing Support Rods
- Fasteners and Hardware
- Waterproof Sealing Tape
- Soft-Edged Rubber Strip
- Assembly Instructions (this manual)
- Two Pairs of Gloves (for assembly)

12X24FT Heavy Duty Metal Carport Dimensions



Large-sized Space



Waterproof



35 PSF of Snow

Image: A diagram illustrating the dimensions of the 12x24FT carport, along with icons indicating two pairs of gloves and four cartons, representing the packaging.

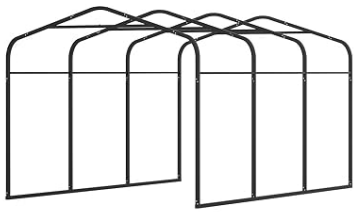
ASSEMBLY INSTRUCTIONS

Follow these steps carefully for proper assembly. It is recommended to have at least two people for assembly.

Step 1: Assemble the Roof Frame

Begin by laying out all frame components. Connect the horizontal and vertical frame pieces according to the diagrams provided in the separate assembly guide (if included) or by matching numbered parts. Ensure all connections are secure but do not fully tighten bolts until the entire frame is assembled.

Easy Assembly



STEP 1: ASSEMBLE ROOF FRAME



STEP 2: PLACE THE ROOF COVER ON THE FRAME



STEP 3: INSTALL THE REINFORCING SUPPORT RODS

Image: An illustration depicting the three main steps of carport assembly: assembling the roof frame, placing the roof cover, and installing the reinforcing support rods.

Step 2: Place the Roof Cover on the Frame

Carefully lift and position the galvanized steel roof panels onto the assembled frame. Ensure the panels overlap correctly to facilitate water drainage. Apply the waterproof sealing tape along the roof seams as instructed to prevent leaks. The upgraded sloping canopy is designed for rapid water drainage.

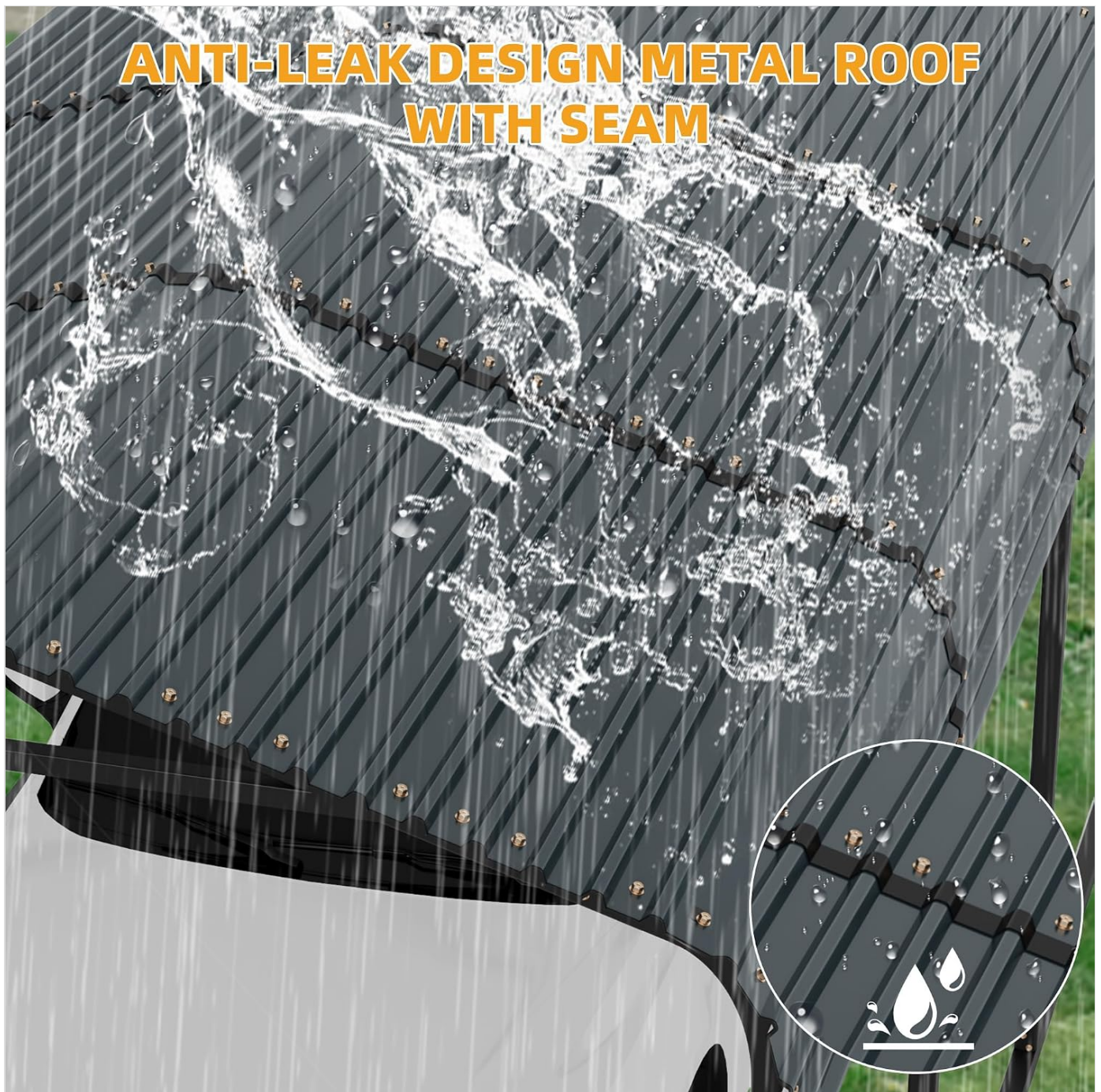


Image: A close-up view of the carport's galvanized steel roof during rainfall, highlighting its anti-leak design and sloped panels for effective water runoff.

Step 3: Install the Reinforcing Support Rods and Secure the Base

Attach the six reinforcing support rods to the frame. These rods, along with the heavy-duty anchor rods, provide enhanced stability. Secure the base using the provided anchor rods, ensuring they are firmly installed into the ground or surface. The reinforced base design is engineered to help the carport withstand winds up to 100 MPH.

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: An illustration detailing the six unique detachable support brackets, designed for firm carport installation on diverse surfaces such as mud, cement, wood, or sand, enhancing stability.



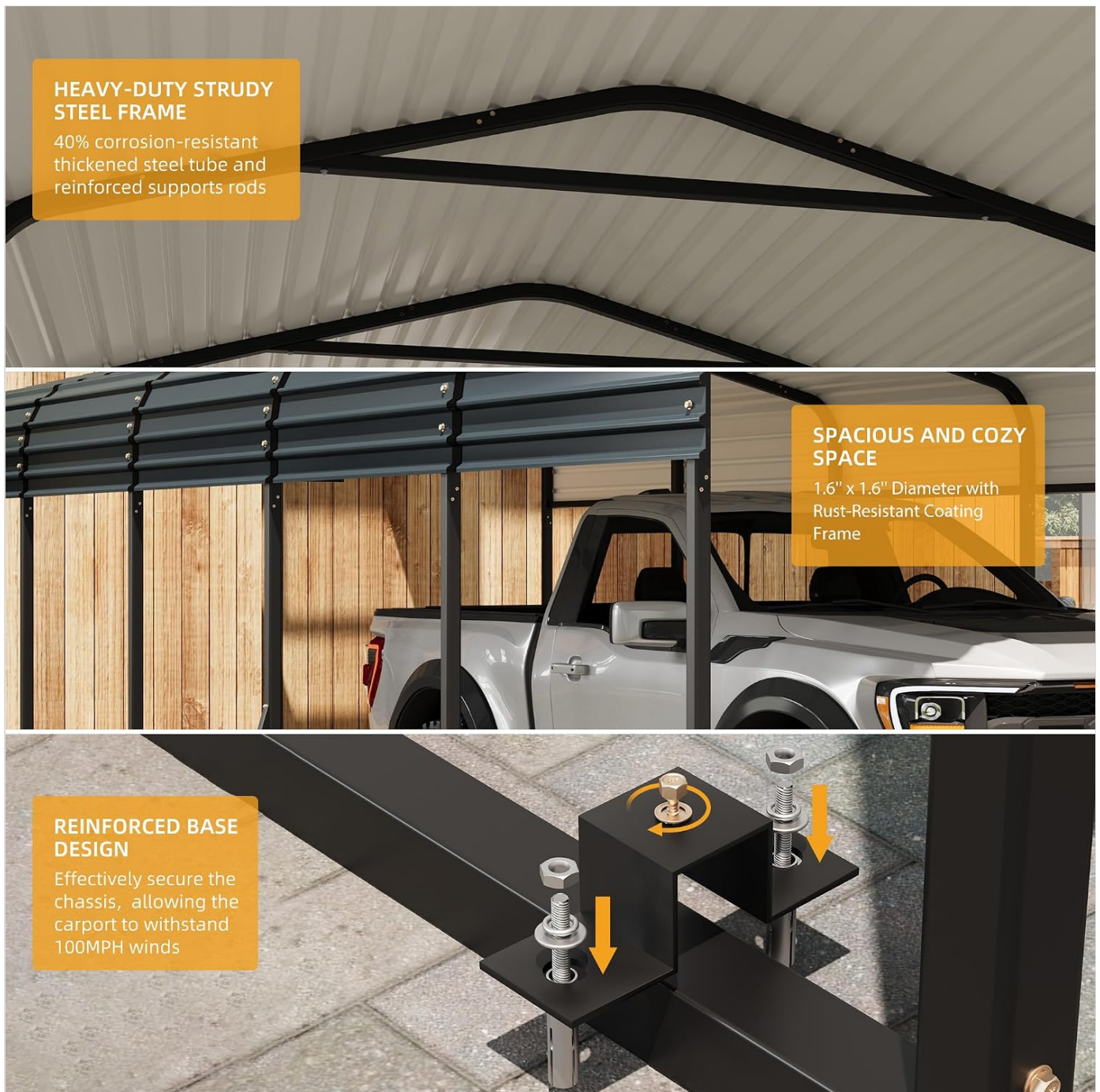


Image: A close-up showing the heavy-duty steel frame construction and the reinforced base design with anchor bolts, emphasizing corrosion resistance and stability.

Final Tightening

Once all components are in place and aligned, systematically tighten all bolts and fasteners. Double-check all connections to ensure maximum stability and safety.

USAGE GUIDELINES

The LuyFuitre 12' x 24' Metal Carport is designed to provide reliable shelter for various vehicles and outdoor activities. Its robust construction ensures durability in diverse weather conditions.

- **Vehicle Storage:** Ideal for parking cars, pickup trucks, tractors, and boats. Ensure vehicles are positioned centrally to avoid contact with the frame.
- **Multi-purpose Shelter:** Can be used as a temporary shelter for outdoor events such as parties, weddings, or trade shows.

- **Clearance:** Be mindful of the internal dimensions (145.7 inches width, 287 inches depth, 102.4 inches maximum entrance height) when parking or moving items under the carport.



Image: The carport standing strong in a snowy landscape, providing shelter for a red tractor, demonstrating its all-weather durability.

GALVANIZED STEEL AND WEATHER-ABILITY ROOF

Fast to Setup & Easy to Use



Image: The carport positioned on a sandy beach, sheltering a boat, showcasing its versatility for various outdoor storage needs.

MAINTENANCE

Regular maintenance will extend the lifespan of your carport and ensure its continued performance.

- **Regular Inspection:** Periodically inspect all frame connections, bolts, and anchor points for tightness and signs of wear or corrosion. Tighten any loose fasteners.
- **Roof Cleaning:** Keep the galvanized steel roof free from debris, leaves, and heavy snow accumulation. While the roof has a snow load capacity of 35 PSF, excessive buildup should be removed to prevent structural stress.
- **Corrosion Check:** Although the frame is powder-coated and the roof is galvanized steel, regularly check for any signs of rust, especially in areas where the coating might be scratched or damaged. Touch up with appropriate rust-inhibiting paint if necessary.
- **Water Drainage:** Ensure the sloped roof and surrounding area allow for proper water drainage to prevent pooling

around the base.

TROUBLESHOOTING

This section addresses common issues you might encounter with your carport.

Issue: Leaks from the Roof

- **Possible Cause:** Improperly sealed roof seams or damaged sealing tape.
- **Solution:** Inspect all roof panel overlaps and seams. Reapply or replace waterproof sealing tape as needed. Ensure panels are correctly aligned and secured.

Issue: Carport Instability or Swaying

- **Possible Cause:** Loose anchor rods or frame connections; insufficient anchoring for local weather conditions.
- **Solution:** Check and tighten all bolts and fasteners on the frame. Verify that anchor rods are securely installed and appropriate for the ground type. Consider additional anchoring or reinforcement, especially in high-wind areas.

Issue: Difficulty during Assembly

- **Possible Cause:** Parts misalignment; incorrect order of assembly.
- **Solution:** Refer back to the assembly instructions and diagrams. Ensure all parts are correctly oriented before tightening. Do not force components; if parts do not fit, re-check the instructions and part numbers.

SPECIFICATIONS

Feature	Detail
Brand	LuyFuitre
Model	12x24FT
External Dimensions (L x W x H)	24 ft x 12 ft x 8.5 ft (288 in x 144 in x 102 in)
Internal Dimensions (L x W x Max H)	287 in x 145.7 in x 102.4 in
Eave Height	85 inches
Frame Material	Powder-Coated Steel
Roof Material	Galvanized Steel
Color	Gray
Water Resistance Level	Waterproof
Ultraviolet Light Protection	Yes
Wind Rating	100 MPH
Snow Load Capacity	35 PSF
Assembly Required	Yes
Item Weight	100 Pounds

Floor Area	288 Square Feet
UPC	198723676722

WARRANTY INFORMATION

For specific warranty details regarding your LuyFuitre 12' x 24' Heavy Duty Metal Carport, please refer to the warranty card included with your product packaging or contact LuyFuitre customer support directly. Warranty coverage typically includes defects in materials and workmanship under normal use.

CUSTOMER SUPPORT

If you have any questions, require assistance with assembly, or need to report missing/damaged parts, please contact LuyFuitre customer support. You can typically find contact information on the product packaging or on the official LuyFuitre website.

For general inquiries, you may also visit the [LuyFuitre Store on Amazon](#).

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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