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› ALAULM 10x15FT Metal Carport Instruction Manual

ALAULM L001

ALAULM 10x15FT Metal Carport Instruction Manual

Brand: ALAULM | Model: L001

1. PRODUCT OVERVIEW

The ALAULM 10x15FT Metal Carport is designed to provide robust and reliable protection for vehicles and outdoor equipment. Constructed with a thickened steel pipe frame and a galvanized steel roof, this carport offers durability and all-weather resistance.

Key features include a triple-reinforced design with solid side columns, heavy-duty windproof anchors, and reinforced support rods for superior stability. The galvanized steel roof is equipped with waterproof sealing strips and a corrosion-resistant coating, ensuring defense against rain, snow, and UV rays. Its spacious design allows for versatile use, serving as a shelter for cars, trucks, RVs, boats, lawn equipment, or as an outdoor gathering space.



Figure 1: The ALAULM 10x15FT Metal Carport in use, sheltering a vehicle.

2. SAFETY INFORMATION

- Always assemble the carport on a flat, level, and solid surface, preferably concrete.
- Ensure all connections are securely fastened before and after assembly.
- Regularly inspect the carport for any loose parts, damage, or signs of wear.
- In areas with heavy snowfall, clear snow from the roof to prevent excessive load, even though the carport is designed for a 180 lbs/m² load capacity.
- Do not hang heavy objects from the frame.
- Keep children and pets away from the assembly area.
- Wear appropriate safety gear, such as gloves and eye protection, during assembly.

180 lbs/m² Load Capacity



Figure 2: The carport's robust design handles snow loads, but regular clearing is recommended in heavy snowfall.

3. PACKAGE CONTENTS

The ALAULM 10x15FT Metal Carport is shipped in multiple heavy-duty packages (typically 7). Please ensure all packages have arrived and carefully unpack them. Verify that all components listed in the included instruction manual are present before beginning assembly. If any parts are missing or damaged, contact customer support immediately.

Typical components include:

- Steel frame pipes (various lengths and shapes)
- Galvanized steel roof panels
- Connectors and brackets
- Screws, bolts, and washers
- Windproof anchors
- Waterproof sealing strips

- Assembly tools (basic wrenches, hex keys may be included)

4. ASSEMBLY INSTRUCTIONS

Assembly requires at least two adults. Follow the steps carefully. Refer to the detailed diagrams in the printed manual for specific part identification.

4.1. Frame Assembly

1. **Prepare the Site:** Choose a flat, level, and solid surface for installation. Mark the footprint of the carport.
2. **Assemble Base Frame:** Connect the horizontal base pipes using the provided connectors and hardware. Ensure the frame is square and level.
3. **Erect Vertical Supports:** Attach the vertical support posts to the base frame. Secure them firmly.
4. **Install Roof Frame:** Connect the roof arches and support rods to the vertical posts. Pay attention to the reinforced support rod placement for enhanced stability.



Figure 3: Understanding the reinforced frame components for superior stability.

4.2. Roof Panel Installation

5. **Attach Roof Panels:** Carefully place the galvanized steel roof panels onto the assembled roof frame. Align the panels according to the pre-drilled holes.
6. **Secure Panels:** Use the provided screws with washers to secure each roof panel to the frame. Ensure a tight fit to prevent leaks.
7. **Apply Sealing Strips:** Install the waterproof sealing strips along the seams of the roof panels as instructed in the manual to enhance weather protection.



Waterproof Sealing Steel Roof



Safe edging design



Screws with Washers



Heavy-Duty Ground Stakes

Figure 4: Key details of the roof and fastening system, including waterproof sealing and secure screws.



Figure 5: The extended roof design facilitates efficient water drainage.

4.3. Anchoring

8. **Install Windproof Anchors:** Secure the carport to the ground using the heavy-duty windproof anchors. Follow the instructions for proper anchor placement and installation depth to ensure maximum stability against wind.
9. **Final Check:** Double-check all bolts, screws, and connections to ensure they are tight and secure.



Figure 6: Visual representation of the assembly process, from frame construction to roof installation and anchoring.

5. OPERATING INSTRUCTIONS

The ALAULM Metal Carport is designed for versatile outdoor use. Its primary function is to provide shelter and protection for various items.

- **Vehicle Parking:** Use the carport to protect cars, trucks, RVs, or boats from sun, rain, snow, and other environmental elements.
- **Outdoor Storage:** Store lawn equipment, tools, firewood, or other outdoor items that require protection from the weather.
- **Event Shelter:** The spacious design allows it to be used as a shaded area for outdoor gatherings, barbecues, or parties.

Ensure that items stored or parked under the carport do not exceed its dimensions or weight capacity. Avoid placing flammable materials or operating open flames directly under the carport.

Widely Used



Parking



Party



Storage



Barbecue

Figure 7: The carport's versatility for various outdoor activities and storage needs.

6. MAINTENANCE

Regular maintenance will extend the life and ensure the safety of your ALAULM Metal Carport.

- **Routine Inspection:** Periodically check all bolts, screws, and connections for tightness. Re-tighten as necessary.
- **Anchor Check:** Ensure ground anchors remain firmly secured, especially after strong winds or heavy rain.
- **Cleaning:** Clean the roof and frame regularly with mild soap and water to remove dirt, debris, and prevent corrosion. Avoid abrasive cleaners.
- **Snow Removal:** While designed for a 180 lbs/m² load capacity, it is advisable to clear heavy snow accumulation from the roof to prevent structural stress and potential damage.
- **Drainage:** Ensure the roof's drainage system (extended roof edge) remains clear of debris to allow for efficient water runoff.

7. TROUBLESHOOTING

- **Issue: Carport feels unstable or sways in wind.**

Solution: Check all frame connections and ensure they are securely tightened. Verify that the ground anchors are properly installed and firmly gripping the ground. Consider adding additional anchoring if in a particularly windy area.

- **Issue: Water leakage from the roof.**

Solution: Inspect the roof panels for any gaps or loose screws. Ensure all waterproof sealing strips are correctly applied and intact. Re-tighten any loose screws and re-apply sealing strips if damaged.

- **Issue: Difficulty aligning frame components during assembly.**

Solution: Ensure the base frame is perfectly level and square. Do not fully tighten all bolts until the entire frame is loosely assembled, allowing for minor adjustments. Then, tighten all connections progressively.

8. SPECIFICATIONS

ALAULM 10x15FT Metal Carport Specifications

Brand	ALAULM
Model Number	L001
Size	10x15 FT
Product Dimensions (L x W x H)	177.2"L x 116.1"W x 100.4"H
Frame Material	Metal (Thickened Steel Pipe)
Roof Material	Galvanized Steel
Color	Black
Water Resistance Level	Waterproof
Ultraviolet Light Protection	Yes
Load Capacity	180 lbs/m ²
Required Assembly	Yes

Metal Carport Dimension

10x15 FT



Figure 8: Detailed dimensions of the ALAULM 10x15FT Metal Carport.

9. CUSTOMER SUPPORT

For any questions regarding your ALAULM purchase, assembly assistance, or missing/damaged parts, please contact our customer support team. Refer to the contact information provided in your product packaging or visit the official ALAULM website for support options.

Our support team is ready to assist you to ensure your satisfaction with the ALAULM Metal Carport.