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FansaFurn ZDM-AW014

FansaFurn 20x20 FT Heavy Duty Metal Carport Instruction Manual

Model: ZDM-AW014

Introduction

This manual provides comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your FansaFurn 20x20 FT Heavy Duty Metal Carport. Please read this manual thoroughly before beginning installation to ensure safe and correct setup. Proper installation and maintenance will ensure the longevity and optimal performance of your carport.

Safety Information

- The canopy of the carport is covered with a transparent protective film. You can decide whether to remove it or not. Please wear the gloves provided when removing it.
- The carport cannot withstand heavy snow. In extreme weather conditions, please do not stand or place any items in the carport. Clear thick snow accumulation promptly.
- Ensure proper anchoring with ground stakes to prevent wind-related hazards. The carport is designed to withstand wind speeds up to 100 mph and snow loads up to 35 PSF.
- Handle sharp corners and heavy components with care during setup. Wear the provided installation gloves for safety.
- Avoid prolonged exposure to UV light and follow fire safety guidelines due to the metal construction.
- A minimum of 3 people is recommended for safe assembly.

Package Contents

Your FansaFurn 20x20 FT Metal Carport is delivered in five neatly arranged packages. Please verify all components are present and undamaged before beginning assembly. The screws are securely stored in a clear blister pack for easy access.

- High-strength square iron pipes for the frame.
- 0.25mm high-strength alloy iron sheets for the roof canopy.
- Reinforced support bars (top and bottom).
- Solid base plates and ground stakes for anchoring.
- Waterproof strips and UV-resistant coating on roof panels.
- Rubber edging for protection against sharp corners.
- Installation gloves (four sets included).
- All necessary bolts, nuts, screws, and assembly tools.

- Detailed instruction manual.

Video: Unboxing and initial component layout. All parts are neatly packaged and labeled for easy identification.

Setup and Assembly Instructions

Follow these steps carefully for proper assembly. Ensure you have adequate space and assistance.

1. **Prepare the Area:** Choose a flat, level surface for installation. Clear any debris or obstacles. Ensure the ground is suitable for anchoring.
2. **Unpack and Organize Components:** Lay out all parts and hardware. Verify against the parts list in your manual. Note that all metal pieces are wrapped in plastic for protection.
3. **Assemble the Frame Sections:** Connect the frame pieces according to the labels (e.g., A to B, C to D). Use the provided bolts and nuts. Everything is labeled for ease of assembly.
4. **Attach Roof Panels:** Carefully place the roof panels onto the assembled frame. The panels are made of 0.25mm high-strength alloy iron sheet and may have a protective film. Secure them using the provided self-drilling screws. Ensure proper overlap for water drainage.
5. **Install Support Braces:** Attach the reinforced support bars at the top and bottom of the frame sections. These braces enhance stability and prevent wobbling.
6. **Secure Base Plates and Anchors:** Once the main structure is upright, secure the base plates to the ground using the provided ground stakes or by bolting into concrete. This is crucial for stability in windy conditions.
7. **Apply Rubber Edging:** Install the rubber edging along the sharp corners of the roof panels to protect both the vehicle and users.

INSTALLATION INSTRUCTIONS

The film on the iron plate does not need to be removed.



Top Frame



Attach with tape



Drive in screws



Bottom Frame

Image: Visual guide for key installation steps, including frame assembly, panel attachment, and screw driving.

Your browser does not support the video tag.

Video: Detailed instructions on how to set up the frame of the carport, demonstrating connecting various components.

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Video: Assembly process for the 20x20 metal carport, showing the construction of the frame and roof panels.

Operating Instructions

The FansaFurn 20x20 FT Metal Carport offers versatile usage options:

- **Vehicle Parking:** Provides spacious room for parking cars, trucks, boats, or tractors, protecting them from sun, rain, and light snow.
- **Outdoor Storage:** Ideal for storing outdoor equipment, tools, or other items that require protection from the elements.
- **Outdoor Relaxation Spot:** Can be used as a shaded area for parties, gatherings, or simply relaxing outdoors.

WIDELY USED



Image: Examples of the carport's versatile uses, including vehicle parking and outdoor entertaining.

Maintenance

Regular maintenance ensures the longevity and safety of your carport:

- **Regular Cleaning:** Clean the roof and frame periodically to remove dirt, leaves, and other debris. Use mild soap and water.
- **Snow Removal:** In areas with snowfall, regularly remove accumulated snow from the roof to prevent excessive weight, as the carport cannot withstand heavy snow.
- **Anchor Inspection:** Periodically check the ground stakes and anchoring points to ensure they remain secure, especially after strong winds or heavy rain.
- **Panel Inspection:** Inspect roof panels and frame connections for any signs of damage, loose screws, or rust. Tighten any loose fasteners and address any rust promptly.



Image: Illustration of clearing snow from the carport roof, emphasizing the need for regular maintenance in snowy conditions.

Troubleshooting

Here are solutions to common issues:

- **Carport Instability:** If the carport feels unstable, ensure all frame connections are tightened and ground anchors are securely fastened. Re-check the levelness of the installation surface.
- **Water Leakage:** Verify that all roof panels are correctly overlapped and secured. Check for any gaps in the waterproof strips and apply additional sealant if necessary.
- **Damaged Panels:** For minor damage, repair with appropriate metal repair kits. For significant damage, contact customer support for replacement parts.

Specifications

Feature	Specification

Brand	FansaFurn
Model Number	ZDM-AW014
Size	20x20 FT
Product Dimensions	239.37"L x 229.92"W x 116.93"H
Floor Area	400 Square Feet
Material	Metal (High-strength square iron pipes, 0.25mm alloy iron sheets)
Color	Gray
Item Weight	110 Pounds
Water Resistance Level	Waterproof
Ultraviolet Light Protection	Yes
Assembly Required	Yes

Warranty and Support

FansaFurn is dedicated to providing excellent after-sales support. If you have any questions regarding your carport, assembly, or require assistance, please do not hesitate to contact our customer support team. We offer a 30-day easy return policy for your convenience.

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