Walsunny 12*20

Walsunny 12x20 ft Heavy Duty Carport Canopy User Manual

Model: 12*20

Product Overview

The Walsunny 12x20 ft Heavy Duty Carport Canopy is designed to provide ample space and protection for vehicles, boats, and other cargo. Its versatile design with removable sidewalls and doors makes it suitable for various uses, including temporary garages, party shelters, commercial exhibitions, and outdoor events. Constructed with a rust-resistant steel frame and a durable PE tarp, this carport offers all-season protection against sun, rain, and dust.



Image: The Walsunny 12x20 ft Carport Canopy in use, providing shelter for a vehicle. It features a gray canopy and sidewalls with roll-up windows.

Important Safety Information

WARNING:

- The carport canopy should **not** be used during heavy wind, ice, or snow conditions. Severe weather can compromise the structural integrity and lead to collapse, causing damage or injury.
- Always follow assembly instructions carefully. Ensure all connections are secure and components are properly installed before use.
- Use appropriate safety measures during setup, such as wearing gloves and ensuring a stable work environment.
- Ensure the carport is anchored securely to the ground to prevent displacement by wind.

Packing List

Before beginning assembly, verify that all components listed below are present and undamaged. If any parts are missing or damaged, please contact customer support.



Image: A visual representation of all components included in the packing list, such as poles, connectors, bolts, ropes, elastic balls, ground stakes, and the canopy tarp.

Components:

- Rust-resistant powder-coated steel frame poles (various lengths and types for legs, roof, and crossbars)
- Connectors (T-shaped, L-shaped, etc.)
- 180G PE tarp canopy cover
- Removable sidewalls with roll-up ventilation windows
- Removable zippered doors
- Elastic balls for securing canopy cover
- Sturdy windproof ropes
- Ground stakes/anchors
- Base plates for legs
- Assembly hardware (bolts, nuts, washers)
- Gloves (for assembly)

Setup and Assembly

Assembly of the Walsunny Carport is designed to be straightforward and typically requires 2-3 adults for efficient completion. No additional tools are needed beyond what is provided.



Image: Detailed views of the carport's easy assembly features, including spring button connections for poles, elastic ball bungees for securing the canopy, and loop fasteners for posts.

Step-by-Step Installation Guide:

1. **Unpack and Organize:** Lay out all components and verify against the packing list. Group similar parts together for easier access.
2. **Assemble the Frame:** Connect the steel poles using the provided connectors. The poles feature spring buttons for quick and secure connections. Follow the numerical or alphabetical labels on the poles and connectors as per the included diagram.
3. **Attach Base Plates:** Secure the base plates to the bottom of the vertical support legs.
4. **Install Canopy Cover:** Drape the 180G PE tarp over the assembled frame. Ensure it is centered and aligned correctly.

5. **Secure Canopy:** Use the elastic balls to firmly fix the canopy cover to the frame. Thread the elastic balls through the grommets on the tarp and around the frame poles.
6. **Attach Sidewalls and Doors:** Install the removable sidewalls and doors. These attach via zippers and loop fasteners. The doors can be rolled up or down as desired.
7. **Anchor the Carport:** Utilize the sturdy windproof ropes and ground stakes to anchor the carport securely to the ground. This is crucial for stability, especially in windy conditions.
8. **Final Check:** Inspect all connections, anchors, and covers to ensure everything is properly secured and stable.

Operating Instructions

The Walsunny Carport is designed for flexible use, adapting to various needs and weather conditions (excluding severe weather).

Ventilation and Access:

- **Roll-up Windows:** The removable sidewalls feature roll-up ventilation windows. These can be opened to improve airflow and prevent moisture buildup inside the carport.
- **Removable Doors:** The two doors are equipped with zippers, allowing them to be rolled up for easy access or rolled down for full enclosure.
- **Open Configuration:** For outdoor activities or events, all sidewalls and doors can be completely removed, leaving only the canopy cover for shade.

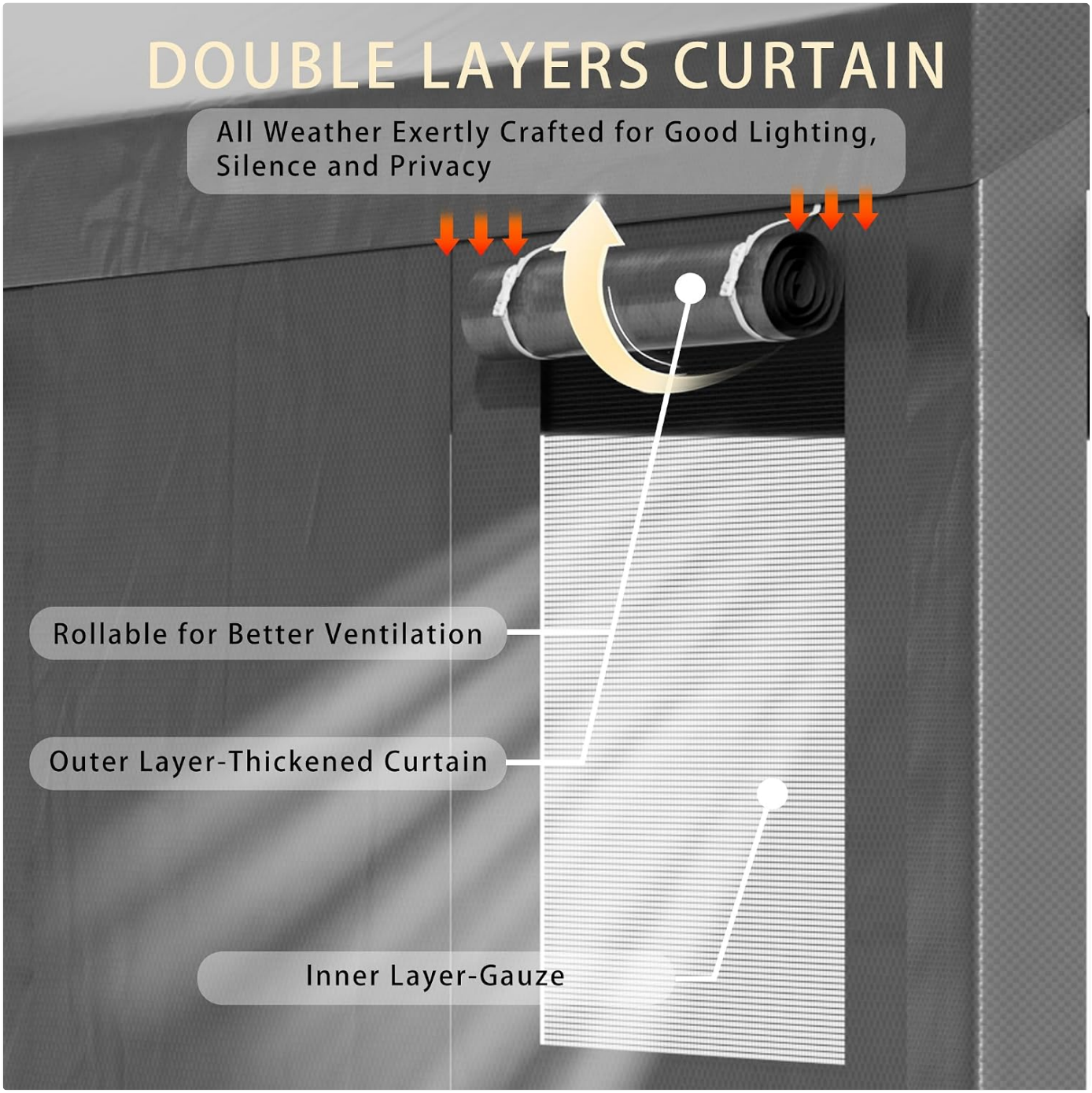


Image: An illustration detailing the double-layer curtain system, showing how the outer thickened curtain can be rolled up to reveal an inner gauze layer for ventilation and light.

All-Season Protection:

The 180G PE tarp provides protection against various elements. While designed for all-season use, it is crucial to adhere to the safety warnings regarding heavy wind, ice, and snow.



Image: A split image demonstrating the carport's resilience in different weather conditions, including snow and rain, emphasizing its all-season protective capabilities.



Image: The carport standing firm under a layer of snow, effectively protecting the vehicle parked inside, illustrating its winter protection.

Maintenance

Proper maintenance will extend the lifespan of your Walsunny Carport.

- **Regular Cleaning:** Clean the canopy tarp and frame periodically with mild soap and water. Avoid harsh chemicals or abrasive cleaners that could damage the material or coating.
- **Inspect Connections:** Regularly check all frame connections, elastic balls, ropes, and ground stakes for tightness and wear. Re-tighten or replace as necessary.
- **Snow and Ice Removal:** In areas prone to snow, regularly remove accumulated snow from the canopy to prevent excessive weight and potential collapse. Do not allow ice to build up.
- **Wind Protection:** Ensure the carport is always securely anchored, especially before anticipated windy conditions. Consider additional anchoring methods in very windy areas.
- **Storage:** If disassembling for storage, clean and dry all components thoroughly before packing them away in a cool, dry place to prevent mold, mildew, and rust.

Troubleshooting

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

Problem	Possible Cause	Solution
Carport feels unstable or sways in wind.	Insufficient anchoring; loose frame connections; extreme wind conditions.	Ensure all ground stakes are fully inserted and ropes are taut. Check all frame connections for tightness. Disassemble in extreme wind conditions.
Water pooling on canopy or leaking.	Canopy not taut enough; damage to tarp material.	Re-adjust canopy tension using elastic balls. Inspect tarp for tears or holes; repair or replace if necessary.
Zippers or fasteners are difficult to operate or broken.	Dirt/debris in zipper; excessive force; material wear.	Clean zippers with a brush. Apply a silicone-based lubricant if stiff. Avoid excessive force. Replace damaged fasteners if possible.
Poles are bent or damaged.	Excessive load (snow/ice); strong impact; improper assembly.	Remove snow/ice immediately. Ensure correct assembly. Contact customer support for replacement parts if severely damaged.

Specifications



Image: A diagram illustrating the key dimensions of the carport, including its 12 ft width, 20 ft length, and 9.8 ft height, along with weight and leg count.

- **Brand:** Walsunny
- **Model Number:** 12*20
- **Product Dimensions (L x W x H):** 240"L x 117.6"W x 144"H (approx. 20 ft L x 9.8 ft W x 12 ft H)
- **Material:** 180G PE Tarp (Canopy), Carbon Steel / Alloy Steel (Frame)
- **Color:** Gray
- **Item Weight:** 121 Pounds
- **Water Resistance Level:** Waterproof
- **Ultraviolet Light Protection:** 50+
- **Frame Type:** Rust-resistant powder-coated steel frame
- **Legs:** 8 legs, 1.5-inch diameter, 1.2-mm thick poles
- **Assembly Required:** Yes (2-3 adults recommended)
- **Recommended Uses:** Party, Storage, Garden, Car/Truck/Boat Shelter

Warranty and Customer Support

Walsunny is committed to providing quality products and customer satisfaction. For any questions regarding installation, use, or if you encounter any issues with your carport, please contact our customer support team.

While specific warranty details are not provided in this manual, please retain your proof of purchase for any potential claims. Our customer support team is available to assist with product-related inquiries.

You can typically find contact information on the product packaging or through the retailer where the product was purchased. For direct assistance, please visit the Walsunny store on Amazon or their official website.

Walsunny Store: Visit the Walsunny Store on Amazon

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