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› Polar Aurora 20x20 FT Heavy Duty Carport Instruction Manual

Polar Aurora PCP2020BT

Polar Aurora 20x20 FT Heavy Duty Carport Instruction Manual

Model: PCP2020BT

1. INTRODUCTION

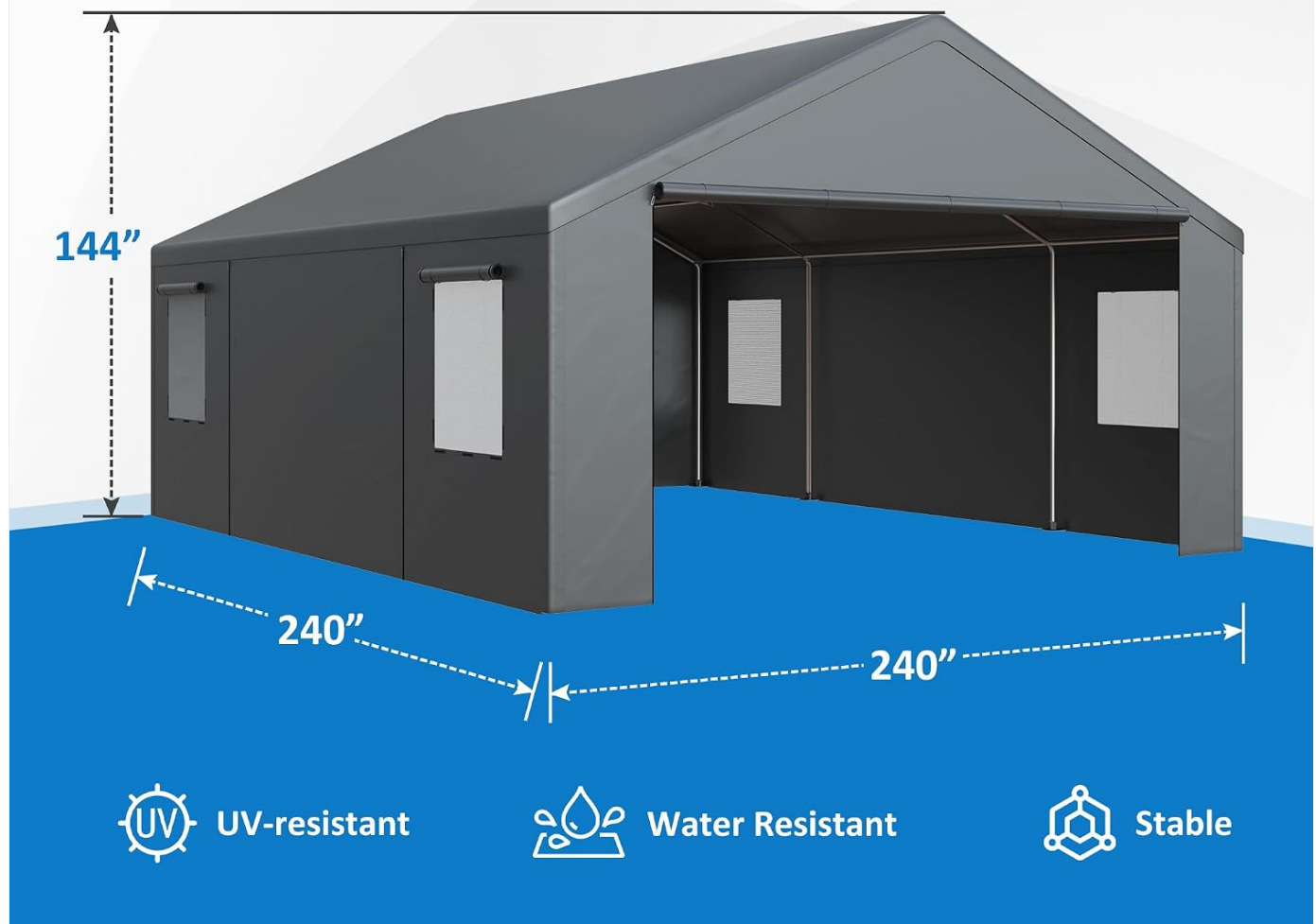
This manual provides detailed instructions for the assembly, operation, and maintenance of your Polar Aurora 20x20 FT Heavy Duty Carport. Please read all instructions carefully before beginning assembly to ensure safe and correct installation and use. Keep this manual for future reference.

Product size



HEAVY DUTY CARPORT

20X20FT



This image displays the overall dimensions of the Polar Aurora 20x20 FT Carport, highlighting its length, width, and height for planning installation space.

2. SAFETY INFORMATION

- Always assemble the carport on a level surface.
- Ensure all connections are secure before use.
- Do not use the carport in extreme weather conditions such as heavy snow, strong winds exceeding 55 mph, or severe thunderstorms. Disassemble if severe weather is anticipated.
- Keep children and pets away from the assembly area.
- Wear appropriate safety gear during assembly (e.g., gloves).
- Regularly inspect the carport for any signs of wear or damage to the frame or canopy.

3. PACKAGE CONTENTS

Verify that all components listed below are present before beginning assembly. If any parts are missing or damaged, please contact customer support.

- Galvanized Steel Frame Pipes (various lengths and connectors)
- PE Canopy (triple-layer, UV resistant)
- Removable Side Walls with Roll-Up Windows
- Front and Rear Panels with Roll-Up Doors and Zippers
- Square Base Plates (4-hole design)
- Ground Spikes and Ropes for securing
- Assembly Hardware (bolts, nuts, etc.)
- Instruction Manual

More Details

High-quality craftsmanship, creating exquisite products

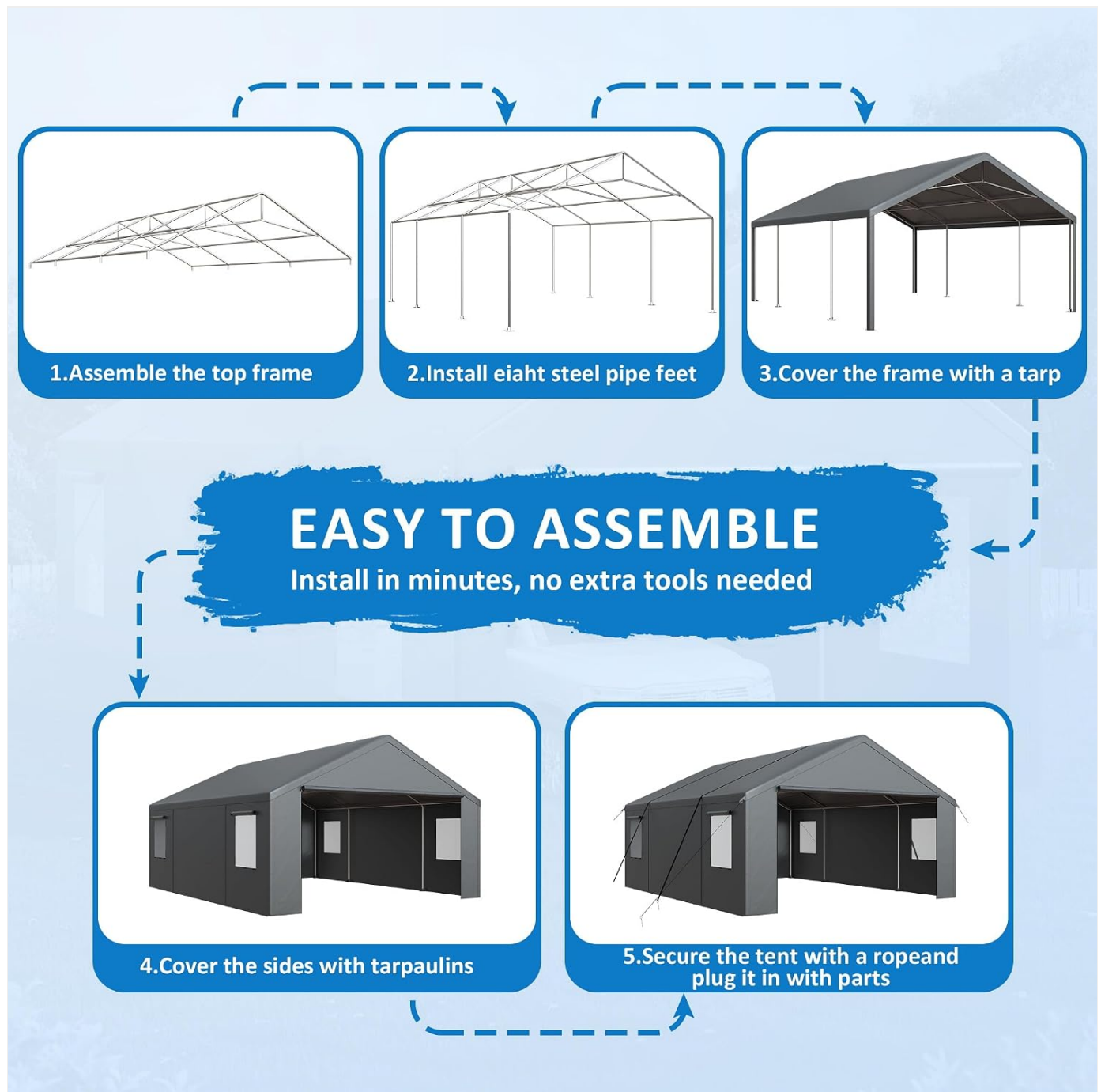


This image provides a detailed view of key structural components, including the reinforced square base for stability, the robust metal frame connections, the design of the roll-up front door, and the sealing zipper.

4. ASSEMBLY INSTRUCTIONS

Follow these steps for quick and easy assembly. It is recommended to have at least two people for assembly.

1. **Assemble the Top Frame:** Connect the galvanized steel pipes according to the numbered parts in the diagram to form the roof structure.
2. **Install Steel Pipe Feet:** Attach the vertical support pipes to the assembled top frame, ensuring all connections are secure.
3. **Cover the Frame with a Tarp:** Drape the main PE canopy over the assembled frame, aligning it correctly.
4. **Cover the Sides with Tarpaulins:** Attach the side walls and end panels to the frame using the provided fasteners.
5. **Secure the Tent:** Use the ground spikes and ropes to firmly anchor the carport to the ground, providing triple stability.

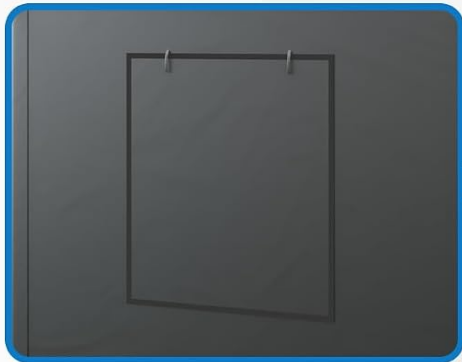


This visual guide illustrates the five main steps for assembling the carport: 1. Assemble the top frame. 2. Install steel pipe feet. 3. Cover the frame with a tarp. 4. Cover the sides with tarpaulins. 5. Secure the tent with ropes and ground parts.

5. OPERATION AND FEATURES

The Polar Aurora Carport is designed with user convenience and vehicle protection in mind.

- **Roll-Up Doors:** The front and rear panels feature roll-up doors with zippers for easy vehicle access and improved sealing when closed.
- **Roll-Up Windows:** Side walls include roll-up windows with mesh layers for enhanced air circulation and ventilation, preventing moisture buildup.
- **Removable Side Walls:** For maximum airflow or to convert the carport into an open pergola, side walls can be completely removed.



Mesh Windows For Better Ventilation

Outer layer - 180 grams thickened polyethylene tarpaulin; Inner layer - white gauze



Easy Access Side Door

Can be used in summer ventilation

This image highlights the ventilation features, including mesh windows with a dual-layer design for airflow and an accessible side door that can be used to enhance air circulation, especially in warmer conditions.

6. CARE AND MAINTENANCE

Proper care ensures the longevity of your carport.

- **Cleaning:** Clean the canopy and frame with mild soap and water. Avoid harsh chemicals or abrasive cleaners.
- **Weather Protection:** The carport features a triple-layer UV-resistant PE canopy (blocking 99% of sun's rays) and a rustproof galvanized steel frame, offering protection against sun, rain, snow, and winds up to 55 mph.
- **Seasonal Storage:** For prolonged periods of non-use or during severe weather forecasts, it is recommended to disassemble and store the carport in a dry, protected area.



SNOW & WIND RESISTANT



WATER-RESISTANT



BLOWING WIND

This image demonstrates the carport's protective qualities against various weather conditions, including its UV-resistant canopy, ability to withstand snow and wind, and water-resistant construction.

7. TROUBLESHOOTING

If you encounter issues with your carport, consider the following:

- **Stability Issues:** Ensure all frame connections are tight and that the carport is properly anchored with all ground spikes and ropes. Verify installation on a level surface.

- **Water Accumulation:** Check that the canopy is taut and correctly positioned to allow water runoff. Ensure no debris is collecting on the roof.
- **Difficulty with Zippers/Doors:** Ensure tracks are clear of obstructions. Apply a silicone-based lubricant if zippers are stiff.

8. SPECIFICATIONS

Model Number	PCP2020BT
Dimensions (L x W x H)	240"L x 240"W x 144"H (20 FT x 20 FT x 12 FT)
Material (Canopy)	180g PE Tarpaulin, Triple-layer, UV Resistant
Material (Frame)	Industrial Grade Galvanized Steel
Color	Black
Item Weight	216.1 pounds
Wind Resistance	Up to 55 mph
UV Protection	99% UV Blockage (UV80+ Performance)

9. WARRANTY AND SUPPORT

Polar Aurora stands behind the quality of its products. For warranty information, missing parts, or technical assistance, please contact our customer support team. Refer to your purchase documentation for specific warranty terms.

Customer Support: Please visit the official Polar Aurora website or contact the seller directly for support inquiries.

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

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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