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> NUGRIART Metal Carport 13x20FT Instruction Manual

NUGRIART PXCPZ13X20

NUGRIART Metal Carport 13x20FT Instruction Manual

Model: PXCPZ13X20

INTRODUCTION

This manual provides essential instructions for the assembly, operation, and maintenance of your NUGRIART 13x20FT Metal Carport. Please read all instructions carefully before beginning assembly to ensure safe and correct installation and use. Keep this manual for future reference.



Image: The NUGRIART 13x20FT Metal Carport providing shelter for a vehicle.

SAFETY INFORMATION

Important: Failure to follow these safety guidelines may result in injury or damage to the product.

- Ensure all fasteners are securely tightened during installation. Regularly check and re-tighten fasteners as needed.
- Always check local regulations and obtain any necessary permits before building this carport.
- Use caution when handling all components to prevent cuts, pinches, or other injuries. Wear appropriate personal protective equipment, such as gloves and safety glasses.
- Assembly requires at least two adults. Do not attempt to assemble alone.
- Do not assemble in high winds or adverse weather conditions.
- Ensure the installation surface is level and stable.

Warning: This product is heavy and requires careful handling during assembly.

SETUP AND INSTALLATION

1. Unpacking and Component Check

The 13x20FT carport is shipped in four separate boxes. You may not receive all packages simultaneously. Upon receipt, verify that all boxes have arrived and inspect them for any shipping damage. Carefully unpack all components and compare them against the included parts list (refer to the separate instruction manual for a detailed list).

UV-RESISTANT GALVANIZED SHEET

Protect your car from high temperatures in summer



Image: Illustration of the carport and the four boxes it ships in, highlighting the 13x20FT dimension and 440 pounds weight.

2. Site Preparation

Select a level and stable location for your carport. Ensure adequate clearance around the structure for assembly and future use. Consider drainage and sun exposure.

3. Frame Assembly

Assemble the frame components according to the detailed instructions provided in the separate assembly guide. The frame consists of 2-inch diameter, 0.05-inch wall thickness square steel tubes. Ensure all connections are secure and aligned correctly. The addition of soft and abrasion-resistant rubber trim around the edge of the roof enhances safety and protection.

MULTIPURPOSE APPLICATION



Image: Detailed views of the carport's features, including abrasion-resistant rubber trim, reinforced frame connections, and heavy-duty ground pegs for stability.

4. Roof Panel Installation

Attach the galvanized steel roof panels to the assembled frame. Exercise care when aligning the pre-drilled holes in the roof sheets with the frame. Use the provided self-threading screws and nylon washers. Avoid over-tightening to prevent damage to the washers or stripping threads. The design ensures no gap at the junction of the galvanized sheet ceiling for enhanced weather protection.



NO GAP AT THE JUNCTION OF THE GALVANIZED SHEET CEILING



Image: The carport roof demonstrating its waterproof design with water splashing off, emphasizing the seamless junction of galvanized sheets.

5. Base Reinforcement

The carport's base is designed for enhanced stability on various surfaces, including dirt, asphalt, or concrete. Secure the structure using the provided anchors. Ensure all fasteners are tightened and secured during installation to maximize stability.

OPERATING INSTRUCTIONS

The NUGRIART Metal Carport is designed for versatile outdoor use, providing protection for vehicles and serving as a shelter for various activities.

- **Vehicle Protection:** Use the carport to shelter cars, trucks, pickups, SUVs, tractors, and boats from environmental elements.
- **Multi-purpose Shelter:** The spacious 13'x20' area can also be utilized for outdoor events such as parties, weddings, commercial fairs, or as general storage for firewood, agricultural machinery, and other belongings.

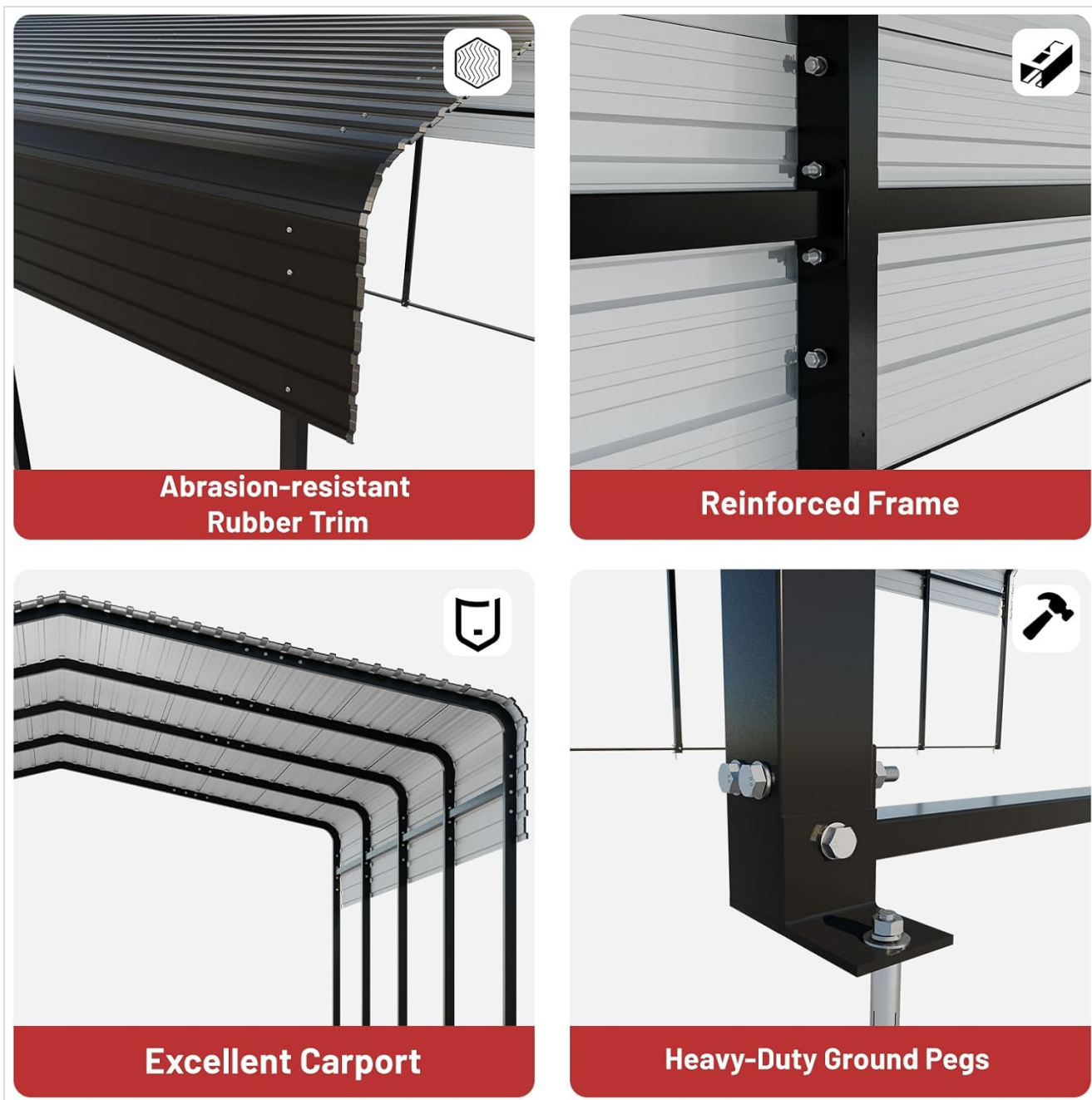


Image: A collage illustrating the multipurpose applications of the carport, including vehicle parking, outdoor gathering space, storage, and sheltering farm equipment.

Environmental Performance

- **Wind Resistance:** Rated to withstand wind speeds up to 100 mph.
- **Snow Capacity:** Designed to handle snow loads up to 35 PSF (pounds per square foot).
- **Water Resistance:** The galvanized steel roof provides waterproof protection.
- **UV Protection:** The galvanized sheets are UV-resistant, helping to protect vehicles from high temperatures and sun exposure.

Heavy Duty Carport



All in 4 Boxes

**Carport Dimension:
13X20FT**

**Carport Weight:
440 Pounds**

Please make sure you are permitted to build a carport from your local before purchase.

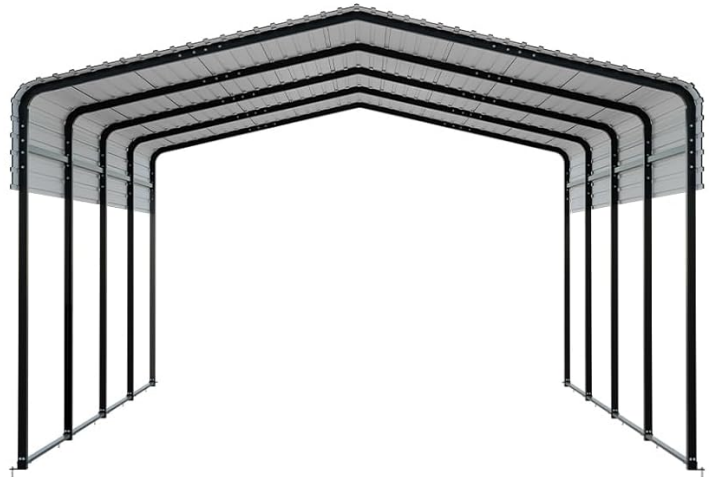


Image: The carport providing UV protection for a vehicle, illustrating how it shields from high summer temperatures.

MAINTENANCE

Regular maintenance will extend the lifespan and ensure the continued performance of your NUGRIART Metal Carport.

- **Fastener Checks:** Periodically inspect all bolts, screws, and anchors. Re-tighten any loose fasteners to maintain structural integrity.
- **Cleaning:** Clean the galvanized steel roof and frame as needed with mild soap and water. Avoid abrasive cleaners or tools that could scratch the finish.
- **Snow Removal:** In areas with heavy snowfall, regularly remove accumulated snow from the roof to prevent exceeding the snow capacity.
- **Leak Prevention:** If minor leaks occur at seams over time, apply a silicone caulk to seal the affected areas.
- **Rust Inspection:** Although the frame is powder-coated and rustproof, inspect for any signs of rust, especially in areas where the coating might be compromised. Address promptly with appropriate rust treatment and paint.

TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Missing or Damaged Parts:** If you receive packages with missing or damaged components, contact NUGRIART customer service immediately for assistance.
- **Holes Not Aligning During Assembly:** Ensure all frame pieces are correctly oriented and not twisted. Slight adjustments may be needed. If pre-drilled holes in roof sheets do not perfectly align, carefully re-check the frame assembly. In some cases, self-tapping screws (not included) may be used with caution, ensuring not to damage the material or compromise structural integrity.
- **Water Leaks:** Inspect roof panel seams and connections. Apply silicone caulk to any areas where water penetration is observed. Ensure all roof panel screws are properly tightened with their washers.
- **Instability:** Verify that the carport is installed on a level surface and that all ground anchors are securely fastened. Re-tighten all frame bolts.

SPECIFICATIONS

Brand	NUGRIART
Model Number	PXCPZ13X20
Product Dimensions (L x W x H)	240"L x 160"W x 107"H (20'L x 13.3'W x 8.9'H)
Material	Alloy Steel (Frame), Galvanized Steel (Roof)
Color	Black
Frame Material	Metal (Powder Coated Tubing)
Wind Speed Capacity	100 mph
Snow Capacity	35 PSF
Water Resistance Level	Waterproof
UV Protection	Sunproof (UV-resistant galvanized sheet)
Assembly Required	Yes

13*20FT Metal Carport Built to Last

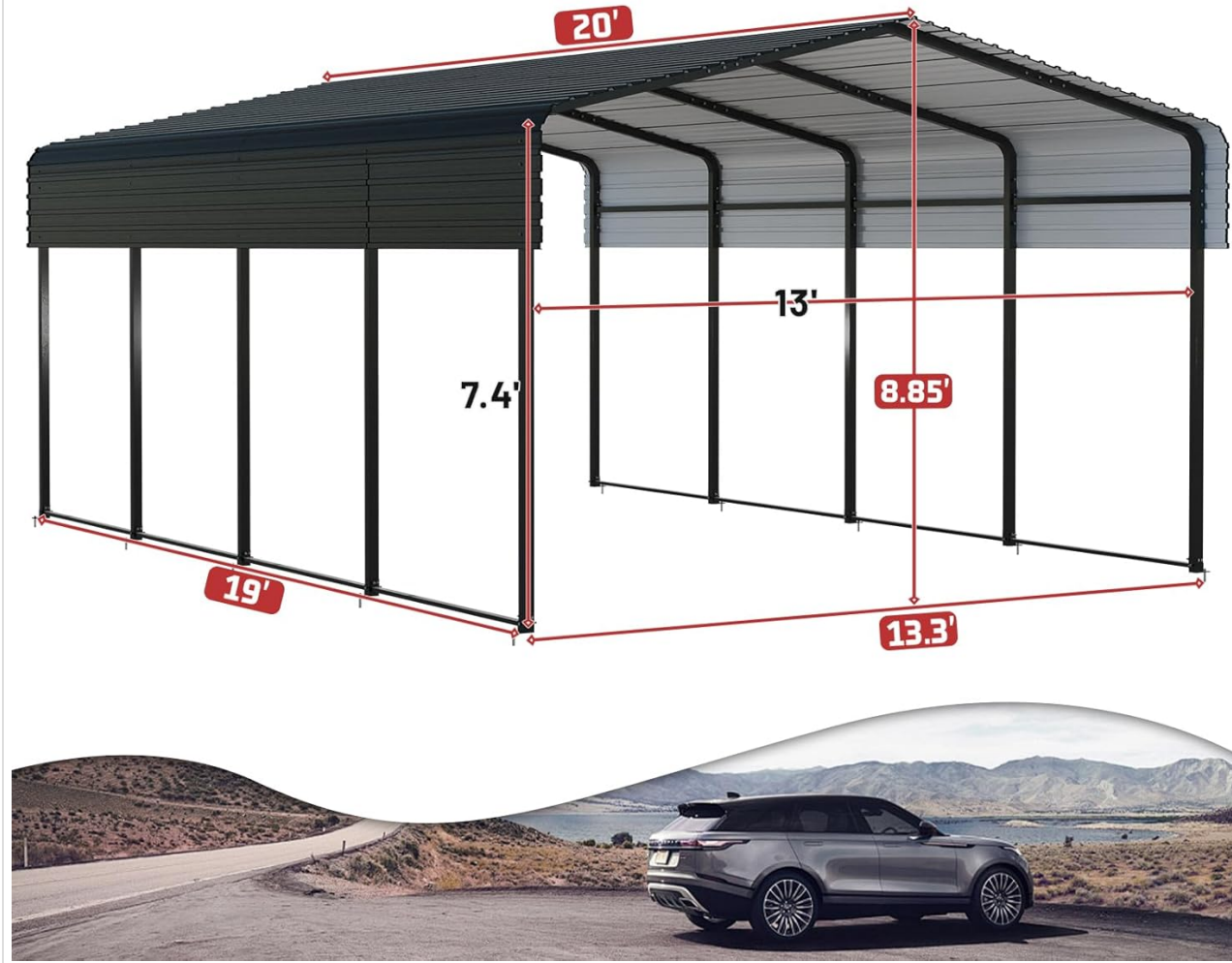


Image: Dimensional drawing of the NUGRIART Metal Carport, indicating length, width, and height measurements.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact NUGRIART customer service directly. If you require assistance with parts, assembly, or have any questions, please reach out to NUGRIART customer support through the retailer where the product was purchased or via the official NUGRIART website.