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ANTSKU metal garage shed

ANTSKU 23x22 FT Metal Shed Instruction Manual

Model: metal garage shed

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your ANTSKU 23x22 FT Metal Shed. Please read all instructions carefully before beginning assembly and retain this manual for future reference. This metal shed is designed to provide a versatile and durable outdoor storage solution for vehicles, tools, and equipment.



Figure 1.1: Exterior view of the ANTSKU 23x22 FT Metal Shed, showcasing its double garage design and side entry door. The shed is shown accommodating a car and a motorcycle, illustrating its spacious interior.

2. Safety Information

Important Safety Precautions:

- Always follow the assembly instructions carefully.
- Wear appropriate safety gear when handling heavy components. This includes gloves, safety glasses, and sturdy footwear.
- Do not exceed the weight limits specified for the structure.
- Keep the area around the shed clear of flammable materials.
- In case of severe weather, secure the shed or remove any loose items from inside.
- Ensure the shed is installed on a level and stable foundation.
- Keep children and pets away from the assembly area.

3. Product Specifications

Specification	Detail
Brand	ANTSKU
Model Number	metal garage shed
Material	Metal (16 GA Steel Frame, 0.32-0.38 mm electro-galvanized steel sheets with polyester layer)
Color	Cream
Product Dimensions (L x W x H)	276"L x 264"W x 150"H (23'L x 22'W x 12.5'H)
Item Weight	1664 Pounds
Ultraviolet Light Protection	UV Protection
Water Resistance Level	Waterproof
Wind Resistance	Up to 46 mph
Snow Load Capacity	Up to 21 lbs per sq. ft.
Assembly Required	Yes
Main Door Openings (each)	8.3 feet wide x 7.4 feet high (doorless)
Side Entry Door	Positionable on either side

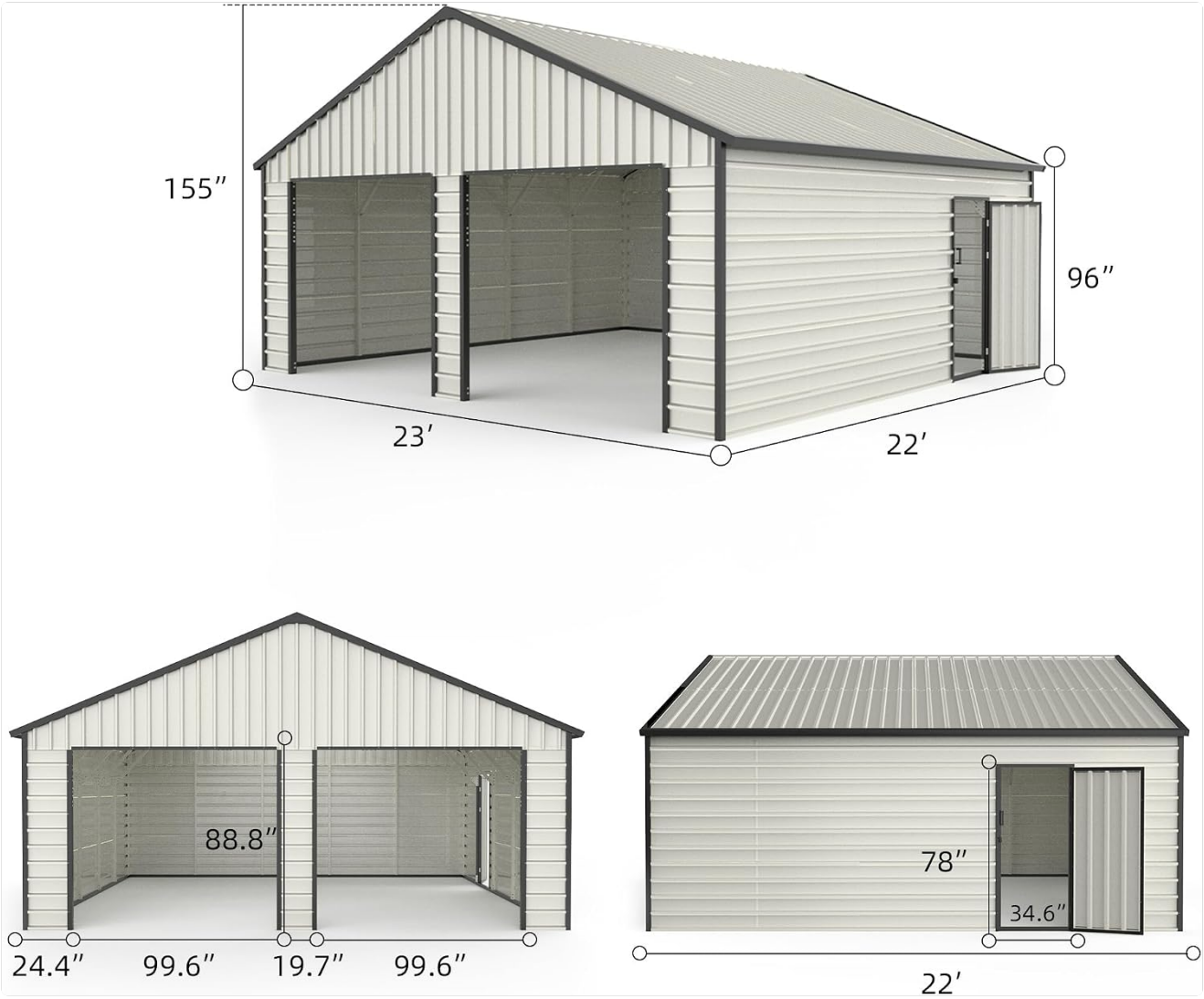


Figure 3.1: Detailed dimensional diagram of the metal shed, indicating overall length, width, height, and specific measurements for the main openings and side door.

4. Package Contents

Your ANTSKU Metal Shed is shipped securely in a wooden crate with a pallet. Before beginning assembly, verify that all components are present and undamaged. Each part is numbered, pre-cut, and pre-drilled for ease of identification and assembly.

Typical contents include:

- Steel frame components (beams, supports)
- Electro-galvanized steel wall and roof panels
- Side entry door assembly
- Floor anchors and washers
- Fasteners (screws, bolts, nuts)
- Assembly instructions manual
- Basic tools: Spanner, 1 pair of gloves (may be included)

Refer to the packing list provided with your shipment for a complete and accurate inventory of all parts.

5. Setup and Assembly Instructions

Assembly of the ANTSKU Metal Shed requires careful attention to detail and adherence to the provided step-by-

step instructions. It is recommended to have at least two people for assembly due to the size and weight of some components.

5.1 Preparation

1. **Site Selection:** Choose a level, stable, and well-drained area for installation. Ensure adequate clearance around the shed for assembly and future access.
2. **Unpacking:** Carefully unpack all components. Lay them out in an organized manner, grouping similar parts together. Verify all parts against the packing list.
3. **Tools Required (not included unless specified):** Drill, measuring tape, level, stepladder, safety gear (gloves, safety glasses).

5.2 Frame Assembly

Begin by assembling the base frame, followed by the vertical supports and roof trusses. The 16 GA steel frame components are designed for durability and stability.



Figure 5.1: View of the shed's internal steel frame structure, highlighting the robust beams and supports that contribute to its overall stability.



Figure 5.2: An interior perspective of the shed, illustrating the completed roof and wall framing before the exterior panels are fully attached.

5.3 Panel Installation

Attach the electro-galvanized steel wall and roof panels to the assembled frame. Ensure panels overlap correctly and are securely fastened to maintain waterproof integrity and structural strength.



Figure 5.3: Close-up detail of the corrugated metal wall paneling, demonstrating the material and construction quality.

5.4 Door Installation

Install the side entry door and ensure the main doorless openings are clear. The side door can be positioned on either side of the shed according to your preference and site layout.



Figure 5.4: Side view of the shed, showing the functional side entry door in an open position, providing convenient pedestrian access.

5.5 Anchoring

Secure the shed to the ground using the provided floor anchors. Proper anchoring is crucial for stability, especially in windy conditions.
Note: Follow the detailed graphical instructions included in your product packaging for step-by-step guidance. With assistance, assembly can be completed efficiently.

6. Operating Instructions

The ANTSKU 23x22 FT Metal Shed is designed for versatile outdoor storage and utility.

- **Main Openings:** The two large, doorless openings (8.3 ft wide x 7.4 ft high each) provide easy access for vehicles such as cars, trucks, ATVs, boats, and large farm equipment.
- **Side Entry Door:** Use the side door for convenient pedestrian access to smaller items, tools, or for general entry without needing to open the main bays. This helps maintain separation between vehicle and pedestrian traffic.
- **Storage:** Utilize the generous 500 sq. ft. interior space for organizing power tools, garden equipment, seasonal items, or as an outdoor workshop.
- **Ventilation:** While not explicitly stated, ensure adequate ventilation if storing items that require air circulation or if working inside the shed.

7. Maintenance

Regular maintenance will extend the lifespan and preserve the appearance of your metal shed.

- **Cleaning:** Periodically clean the exterior panels with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the protective polyester layer. Rinse thoroughly.
- **Inspection:** Annually inspect the shed for any signs of damage, loose fasteners, or rust. Pay close attention to seams, corners, and door hinges.
- **Rust Prevention:** If any scratches or chips expose bare metal, touch them up with rust-inhibiting paint to prevent corrosion.

- **Door Maintenance:** Lubricate door hinges and latches as needed to ensure smooth operation.
- **Snow Removal:** In areas with heavy snowfall, clear excessive snow from the roof to prevent exceeding the snow load capacity.
- **Anchoring Check:** Periodically check that the shed remains securely anchored to its foundation.

8. Troubleshooting

Here are some common issues and their potential solutions:

- **Water Leaks:**
  - Check all panel overlaps and fasteners for tightness.
  - Ensure roof panels are correctly installed and sealed.
  - Inspect for any damage to panels that might create openings.
- **Door Sticking/Misalignment:**
  - Lubricate hinges and latches.
  - Check if the shed foundation is level; uneven ground can cause frame distortion.
  - Inspect for bent door frames or panels.
- **Excessive Condensation:**
  - Ensure adequate airflow. Consider adding vents if condensation is a persistent problem.
  - Avoid storing wet items inside without proper drying.
- **Loose Panels/Wobbling:**
  - Tighten all fasteners.
  - Verify that the shed is properly anchored to the ground.
  - Check for any damaged frame components.

9. Warranty and Support

ANTSKU is committed to customer satisfaction. Your 23x22 FT Metal Shed comes with a**12-month warranty** from the date of purchase.
Additionally, we offer a**30-day return or replacement policy** for eligible products. If you encounter any issues or have questions regarding your metal shed, please do not hesitate to contact ANTSKU customer support. We aim to resolve your concerns within 24 hours.
For support, please refer to the contact information provided with your purchase documentation or visit the official ANTSKU website.

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