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KoreJetMetal K4230G

KoreJetMetal 42x30FT Brown Metal Storage Shed Barn Garage Instruction Manual

Model: K4230G

Overview Safety Information Components Specifications Setup Operation Maintenance Troubleshooting Warranty & Support

1. Product Overview

This manual provides essential instructions for the safe and efficient assembly, operation, and maintenance of your KoreJetMetal 42x30FT Brown Metal Storage Shed Barn Garage. Please read this manual thoroughly before beginning installation or use to ensure proper functionality and longevity of the product.



Figure 1.1: KoreJetMetal 42x30FT Brown Metal Storage Shed Barn Garage.

1.1 Intended Use

The KoreJetMetal 42x30FT Metal Storage Shed is designed for long-term outdoor storage of vehicles, farm equipment, tools, and other large items. It can function as a multi-car garage, workshop, or industrial storage facility. Its robust construction is suitable for various outdoor environments.



Figure 1.2: The metal storage shed is suitable for various applications, including farm equipment storage and general outdoor shelter.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always consult local building codes and authorities before installation to ensure compliance with all regulations.
- Ensure the metal garage is installed on a stable, level foundation. Proper anchoring is critical for safe use, especially when storing vehicles and RVs.
- Wear appropriate personal protective equipment (PPE) during assembly, including gloves, safety glasses, and sturdy footwear.
- Use caution when handling metal panels and components, as edges may be sharp.
- Do not attempt assembly during high winds, heavy rain, or other adverse weather conditions.
- Ensure adequate ventilation if using power tools or working with chemicals inside the shed.
- Keep children and pets away from the construction area.
- Periodically inspect the structure for any signs of damage or wear, especially after severe weather.

3. Components and Structure

3.1 Packaging Contents

The KoreJetMetal storage shed is delivered in two wooden crates. Please verify all components against the packing list provided in the box. An additional 5% extra hardware is included.



Figure 3.1: The product is shipped in two wooden crates. A forklift or equivalent equipment is required for safe unloading. Contents typically include panels, tubes, brackets, anchors, and screws.

3.2 Structural Features

- **Heavy-Duty Steel Frame:** Constructed with 14-gauge steel tubing (2.3 inches) for superior strength and stability.
- **Durable Panels:** Features 26-gauge galvanized and powder-coated metal panels, offering resistance against rust, corrosion, and UV exposure.
- **Weather Resistance:** Engineered to withstand 35 PSF snow load and 100 MPH wind resistance.
- **Access Doors:** Includes three roll-up doors for vehicle access and a side entry door with a lock and key for convenient

pedestrian access.



Figure 3.2: Detailed view of the 14-gauge steel tube frame and connection points, highlighting the robust construction.

4. Specifications

Feature	Detail
Brand	KoreJetMetal
Model Number	K4230G
Product Dimensions (D x W x H)	360"D x 504"W x 156"H (42ft x 30ft x 13ft)
Floor Area	1260 Square Feet
Item Weight	4598 Pounds
Material	14-Gauge Steel Frame, 26-Gauge Metal Panels

Finish	Galvanized & Powder-Coated
Color	Brown
Door Style	Roll-Up Door (3 units), Side Entry Door (1 unit)
Door Width	36 Inches (Side Door)
Door Height	84 Inches (Side Door)
Water Resistance Level	Waterproof
Required Assembly	Yes



Figure 4.1: Overall dimensions of the shed and compatible foundation types: concrete slab, asphalt foundation, level ground, floating slab, and trench footing.



Figure 4.2: The shed offers 1260 square feet of floor space, suitable for various outdoor storage needs.

5. Setup and Installation

5.1 Site Preparation

1. **Choose a Level Site:** Select a flat, level area for installation. The shed is compatible with concrete slabs, asphalt foundations, level ground, floating slabs, or trench footings.
2. **Clear the Area:** Remove any debris, rocks, or vegetation from the installation site.
3. **Consult Local Codes:** Before any ground preparation or construction, verify local building codes and obtain any necessary permits.

5.2 Assembly Instructions

The shed features pre-drilled parts and smart-connect brackets for simplified assembly. No welding is required. Follow the detailed step-by-step instructions provided in the separate assembly manual included with your product.

- **Unpack Components:** Carefully unpack all parts and verify against the packing list.
- **Frame Assembly:** Begin by assembling the 14-gauge steel frame using the provided smart-connect brackets and hardware.
- **Panel Installation:** Attach the 26-gauge metal panels to the frame. Ensure panels overlap correctly for weather sealing.
- **Door Installation:** Install the three roll-up doors and the side entry door according to the instructions. Ensure smooth operation and proper locking mechanisms.
- **Anchoring:** Use the included 1/2-inch x 6-inch concrete anchors to firmly secure the shed to your chosen foundation. This step is crucial for stability and wind resistance.

For best results, install the metal garage as soon as it is delivered and anchor it firmly to achieve a stable, level outdoor setup.



Figure 5.1: The assembled shed can be utilized as a garage, workshop, or general storage building, demonstrating its versatility.

6. Operation

6.1 Roll-Up Doors

- To open a roll-up door, grasp the handle and lift upwards. The door will retract into the overhead mechanism.
- To close, pull the handle downwards until the door is fully seated.
- Ensure the path of the roll-up doors is clear of obstructions before opening or closing.

6.2 Side Entry Door

- The side entry door operates like a standard hinged door. Use the provided key to lock and unlock.
- Always ensure the side door is securely closed and locked when the shed is unattended.

6.3 General Use

- Distribute weight evenly when storing heavy items or vehicles inside.
- Avoid leaning heavy objects against the interior walls of the shed.
- Keep the interior and exterior of the shed clear of excessive snow or debris to prevent structural strain.

7. Maintenance

Regular maintenance will extend the life and appearance of your KoreJetMetal storage shed.

- **Cleaning:** Wash the exterior panels periodically with mild soap and water to remove dirt and grime. Avoid abrasive cleaners or harsh chemicals that could damage the powder coating.
- **Door Tracks:** Keep roll-up door tracks clean and free of debris. Lubricate moving parts with a silicone-based spray lubricant annually or as needed for smooth operation.
- **Anchors and Fasteners:** Periodically check all anchors and fasteners for tightness. Re-tighten any loose bolts or screws to maintain structural integrity.
- **Rust Inspection:** Although galvanized and powder-coated, inspect for any signs of rust, especially in areas where the coating might be scratched or damaged. Touch up with appropriate rust-inhibiting paint if necessary.
- **Snow Removal:** In areas with heavy snowfall, remove accumulated snow from the roof to prevent excessive load, even though the shed is rated for 35 PSF snow load.

8. Troubleshooting

8.1 Common Issues and Solutions

- **Issue:** Roll-up door is difficult to open or close.
  Solution: Check tracks for obstructions (dirt, debris). Clean tracks and lubricate with a silicone spray. Inspect rollers for damage.
- **Issue:** Water leakage inside the shed.
  Solution: Inspect roof and panel seams for gaps or loose fasteners. Ensure all panels are properly overlapped and sealed. Check foundation for proper drainage.
- **Issue:** Shed feels unstable or sways in wind.
  Solution: Immediately check all foundation anchors and frame fasteners. Ensure they are securely tightened. Verify the foundation is level and stable.
- **Issue:** Rust spots appearing on panels.
  Solution: Clean the affected area thoroughly. Apply a rust-inhibiting primer, followed by a matching exterior metal paint.

9. Warranty and Support

9.1 Manufacturer's Warranty

This KoreJetMetal storage shed is covered by a**1-Year Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.
The warranty does not cover damage resulting from improper installation, misuse, neglect, accidents, modifications, or natural disasters. For full warranty terms and conditions, please refer to the documentation included with your purchase.

9.2 Customer Support

For technical assistance, missing parts, or warranty inquiries, please contact KoreJetMetal customer support. Have your model number (K4230G) and proof of purchase ready when contacting support.
You can visit the official KoreJetMetal store on Amazon for more information and contact options:KoreJetMetal Store

9.3 Product Video

Watch a 360-degree display video of the KoreJetMetal K4230G storage shed to visualize its features and design.

Video 9.1: A 360-degree view of the KoreJetMetal K4230G metal storage shed, showcasing its exterior from all angles.

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