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› K Knowbody 13x20x8.3 FT Metal Garage Shed Instruction Manual (Model Y8L112)

K Knowbody Y8L112

K Knowbody 13x20x8.3 FT Metal Garage Shed Instruction Manual

Model: Y8L112

INTRODUCTION

Thank you for choosing the K Knowbody 13x20x8.3 FT Metal Garage Shed. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your new shed. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

This expansive 13x20ft metal shed offers a colossal space, ideal as a full-size garage, a spacious workshop, or a secure outdoor storage building. With an 8 ft peak height and wide-swinging double doors, it accommodates vehicles, boats, and various lawn equipment and tools. Constructed from heavy-duty, multi-layered galvanized steel and featuring a unique double-reinforced internal truss and beam system, this metal building is engineered to withstand harsh weather conditions, including 150mph winds and 50-100 PSF heavy snow loads.

The shed is intelligently designed with 4 transparent polycarbonate skylight panels for natural light and 4 ventilation windows to ensure constant airflow, preventing moisture and mustiness. It also features secure and accessible dual-entry with lockable front double doors and a separate lockable side door, complete with anti-theft locks.

SAFETY INFORMATION

Important: For maximum stability, it is strongly recommended to build a concrete foundation and use the included anchors to permanently secure the shed. If installing on a soft surface (dirt, soil, or gravel), separate heavy-duty auger anchors (at least 30-36 inches long) must be purchased to ensure a firm and secure hold below the frost line.

- Always wear appropriate safety gear, including gloves and eye protection, during assembly.
- Ensure the assembly area is clear of obstructions and level.
- Assembly requires 3-5 people for safe and efficient construction.
- Do not attempt to assemble the shed in high winds or adverse weather conditions.
- Keep children and pets away from the assembly area.
- Regularly inspect all fasteners and connections to ensure they remain tight.

SETUP AND ASSEMBLY

This comprehensive shed kit includes all pre-drilled panels, a full steel frame, skylights, windows, and a robust ground anchor kit. A detailed instruction manual and a step-by-step installation video are provided to guide you through the process.

Assembly Overview Video

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This video provides a real shot of the assembled metal shed, showcasing its interior and features. (Duration: 0:36)

Detailed 3D Assembly Demonstration

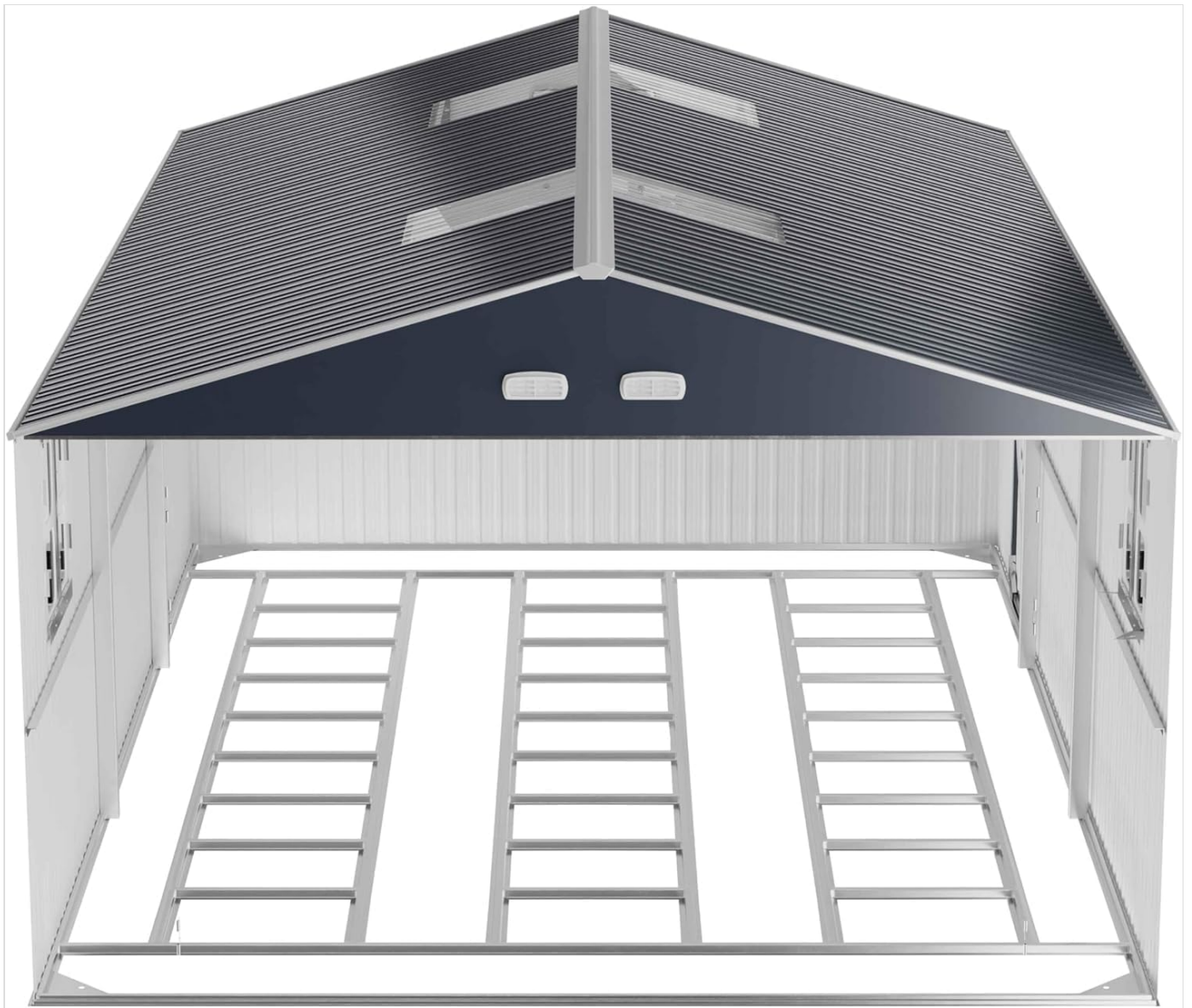
Your browser does not support the video tag.

This detailed 3D animation demonstrates the step-by-step assembly process for the 12x20 metal garage, including frame construction, panel installation, and roof assembly. (Duration: 13:23)

Key Assembly Steps:

- 1. Prepare the Foundation:** Ensure a level and stable base. A concrete foundation is highly recommended. Secure the base frame using the provided ground anchors or heavy-duty auger anchors for soft ground.
- 2. Assemble the Frame:** Follow the detailed instructions in the manual to construct the ultra-reinforced internal truss and beam system. This involves connecting the vertical and horizontal metal components.
- 3. Install Wall Panels:** Attach the galvanized steel wall panels to the frame, ensuring proper alignment and secure fastening with the provided screws.
- 4. Integrate Windows and Doors:** Install the 4-pane clear windows and the dual-entry doors (front double doors and side door). Ensure all locking mechanisms function correctly.
- 5. Attach Roof Panels:** Secure the roof panels, including the transparent polycarbonate skylight panels, to the roof frame. Ensure all seams are properly sealed to prevent water ingress.
- 6. Final Checks:** Verify all screws and bolts are tightened, and all components are securely in place.

Visual Aid: Product Dimensions



This image illustrates the overall dimensions of the K Knowbody 13x20x8.3 FT Metal Garage Shed, including its length, width, and peak height.

Visual Aid: Interior Structure and Floor Kit



An interior view of the shed, highlighting the galvanized steel shed base system and the robust internal frame structure.

OPERATING INSTRUCTIONS

Door Operation

- **Front Double Doors:** To open, unlock the anti-theft locks and swing both doors outwards. To close, align the doors and secure both locks.
- **Side Door:** To open, unlock the side door and pull it outwards. To close, push the door shut and engage the lock.
- Ensure doors are fully closed and locked when the shed is not in use to protect contents from weather and theft.

Ventilation and Lighting

- The shed features 4 transparent polycarbonate skylight panels that allow natural light into the interior, reducing the need for artificial lighting during the day.
- Four ventilation windows ensure constant airflow. These vents help prevent moisture buildup and maintain a comfortable environment inside the shed. Ensure vents are clear of obstructions for optimal airflow.

Visual Aid: Interior Storage and Accessibility

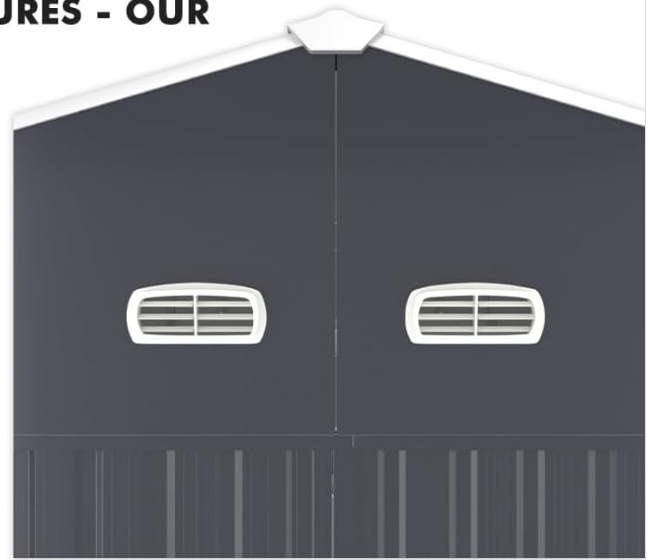


This image demonstrates the spacious interior of the shed, capable of housing a vehicle and various storage solutions, highlighting its utility as a garage or workshop.

Visual Aid: Key Features

SAFEGUARD YOUR OUTDOOR TREASURES - OUR DURABLE SHED STANDS STRONG

- ✓ Massive Storage Space
- ✓ Herculean Steel Construction
- ✓ All-Weather Armor
- ✓ Sunlit Ventilation Station
- ✓ Dual-Lockable Entry
- ✓ Drive-In Accessibility
- ✓ Complete DIY Kit
- ✓ Fortress Security Guaranteed



STORAGE SHED MORE DETAILS



An infographic highlighting the reinforced truss system, sunlit ventilation, and dual-entry design of the shed.

MAINTENANCE

- **Cleaning:** Regularly clean the exterior and interior of the shed with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Fastener Inspection:** Periodically check all screws, bolts, and connections for tightness. Tighten any loose fasteners to maintain structural integrity.
- **Door and Hinge Lubrication:** Lubricate door hinges and locking mechanisms annually with a silicone-based lubricant to ensure smooth operation and prevent rust.
- **Ventilation Check:** Ensure the ventilation windows are free from debris, cobwebs, or other obstructions to maintain proper airflow.
- **Snow Removal:** In areas with heavy snowfall, regularly remove accumulated snow from the roof to prevent excessive load, even though the shed is rated for 50-100 PSF snow.
- **Rust Prevention:** Although made of galvanized steel, inspect for any signs of rust, especially in areas where the coating might be scratched. Touch up any affected areas with rust-inhibiting paint.

TROUBLESHOOTING

- **Doors Sticking or Not Closing Properly:**
 - Check if the shed is level. An uneven foundation can cause door misalignment.
 - Inspect hinges for rust or damage; lubricate if necessary.
 - Ensure no debris is obstructing the door's path.

- **Water Leaks:**

- Inspect roof panels and wall seams for loose screws or gaps. Tighten fasteners and apply silicone sealant if needed.
- Check around windows and doors for proper sealing.

- **Excessive Condensation Inside:**

- Ensure all ventilation windows are clear and unobstructed to allow for adequate airflow.
- Consider adding a moisture absorber if the problem persists in humid environments.

- **Loose Panels:**

- Tighten all screws and bolts on the affected panels.
- If panels are damaged, contact K Knowbody customer support for replacement parts.

SPECIFICATIONS

Feature	Detail
Brand	K Knowbody
Model Number	Y8L112
Color	Blue-black
Material	Metal (Galvanized Steel, Powder-Coated)
Product Dimensions (D x W x H)	237"D x 151"W x 99.96"H (approx. 19.75ft D x 12.58ft W x 8.33ft H)
Item Weight	580 Pounds
Floor Area	245 Square Feet
Door Width	9.5 Feet
Door Height	6.62 Feet
Style Name	Kit with Floor Base
Door Style	Lockable Double Doors
Water Resistance Level	Water Resistant
Weight Capacity Maximum	8999.98 Pounds
Required Assembly	Yes
Frame Material	18-Gauge Steel
Wall Panel Gauge	23-Gauge Steel
Snow Load Rating	50-100 PSF
Wind Load Rating	150 MPH

WARRANTY AND SUPPORT

For specific warranty details, claims, or technical support, please refer to the warranty card included with your product or contact K Knowbody customer service directly. Contact information can typically be found on the product packaging or the official K

Knowbody website.

K Knowbody offers a 30-day easy return policy and dedicated customer support for any inquiries or issues you may encounter.