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K Knowbody Y8L042-1016-BW-A-DZ-YY

K Knowbody 10x16 FT Metal Shed with Floor Base Kit Instruction Manual

Model: Y8L042-1016-BW-A-DZ-YY

1. Safety Information

Always prioritize safety during assembly and use. This shed must be permanently anchored to a solid, level base to achieve its rated 120 MPH wind resistance. Use appropriate anchoring methods such as concrete bolts, deck screws, or 30-36 inch auger anchors for soft ground (anchors are not included). Exercise caution when handling heavy components during assembly. Always follow the instruction manual for safe and proper usage.
Wear gloves during assembly to prevent injury from sharp edges.



Image: Overall dimensions of the K Knowbody 10x16 FT Metal Shed, including a reminder to wear gloves during assembly.

2. Product Overview

The K Knowbody 10x16 FT Metal Shed with Floor Base Kit is designed for outdoor storage, offering a robust and weather-resistant solution. It features a 20-gauge reinforced structural support frame and 30-gauge steel panels, providing durability against various weather conditions.

- **Dimensions:** 114.6" W x 194.4" D x 84.3" H (Peak Height).
- **Storage Capacity:** 896 CU.FT.
- **Wind Rating:** 120 MPH (when properly anchored).
- **Snow Load Rating:** 50 PSF (Pounds per Square Foot).
- **Floor Base Kit:** Heavy-duty galvanized steel floor base kit included, providing ground clearance and ventilation. Load capacity of 250lb/sqft.
- **Material:** Multi-layer industrial powder-coated galvanized steel for superior rust protection.

- **Lighting & Ventilation:** Two polycarbonate roof skylights and shatter-resistant acrylic windows for natural light, plus dual integrated vents for airflow.
- **Doors:** Heavy-duty wide double doors with lockable handles (padlock not included). Door clearance: 55" W x 67" H.

Product Features



Image: Heavy-duty roof structure designed for durability and weather protection.

The shed features a heavy-duty roof designed to withstand snow loads and provide rapid water runoff, ensuring a dry interior.



Image: Bright interior illuminated by natural light from skylights and windows.

Polycarbonate roof skylights and acrylic windows allow natural light to enter, creating a well-lit interior without the need for artificial lighting.



Image: Anti-rust coating on shed panels for extended durability.

The multi-layer industrial powder coating provides an impenetrable shield against rust, extending the shed's lifespan.



Image: Louver vents for improved air circulation.

Dual integrated louver vents ensure active airflow, reducing heat and moisture buildup inside the shed.

Product Videos

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Video: Interior view of the 10x16 K Knowbody shed, showcasing its spaciousness and features. Duration: 1 minute 43 seconds.

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Video: Overview of the quality and construction of the 10x16 K Knowbody shed. Duration: 42 seconds.

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Video: Detailed look at the 10x16 FT Metal Shed with Floor Kit, highlighting its components. Duration: 53 seconds.

3. Setup and Assembly

Assembly of the K Knowbody 10x16 FT Metal Shed is designed as a team DIY project, typically requiring 2-3 adults and 6-9 hours for completion. It is crucial to follow the step-by-step manual provided with the product. Ensure all parts are present and accounted for before beginning assembly.

- **Site Preparation:** Choose a solid, level base for installation. This is essential for structural integrity and wind resistance.
- **Anchoring:** The shed must be permanently anchored to the prepared base. Refer to the safety information for anchoring recommendations.
- **Tools Required:** Gather all necessary tools as specified in the included manual.
- **Part Identification:** All parts are clearly marked. Take time to identify each component before assembly.
- **Floor Base Kit:** The heavy-duty galvanized steel floor base kit creates vital ground clearance and features ventilation channels. Note that the flooring material (e.g., plywood) for the base is not included and must be supplied separately.

Assembly Videos

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Video: Comprehensive assembly guide for the 10x16 K Knowbody shed. Follow these steps carefully. Duration: 16 minutes 2 seconds.

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Video: Step-by-step installation demonstration for the universal floor base. Duration: 46 seconds.



Image: Interior frame structure of the shed, illustrating the robust design during assembly.

4. Operating Instructions

The K Knowbody metal shed is designed for straightforward operation and secure storage.

- **Door Operation:** The shed features double swinging doors. To open, unlatch the internal and external locking mechanisms. To close, ensure both doors are properly aligned and secure the latches. A padlock (not included) can be added for enhanced security.
- **Ventilation:** The integrated louver vents facilitate continuous airflow. Ensure these vents are not obstructed to maintain proper air circulation and minimize moisture buildup.
- **Natural Lighting:** The roof skylights and acrylic windows provide natural light. Keep these surfaces clean to maximize light transmission.
- **Storage:** Utilize the spacious interior for storing gardening tools, outdoor equipment, bicycles, and other items. The shed's robust structure supports various storage solutions.



Image: Lockable double doors providing secure access to the shed interior.

5. Maintenance

Regular maintenance will ensure the longevity and optimal performance of your K Knowbody metal shed.

- **Cleaning:** The shed's exterior is designed for easy cleaning. Use mild soap and water with a soft brush or cloth to remove dirt and debris. Avoid abrasive cleaners or harsh chemicals that could damage the powder coating.
- **Rust Protection:** The multi-layer industrial powder coating provides excellent rust resistance. Inspect the shed periodically for any scratches or damage to the coating. Touch up any affected areas promptly to prevent rust.
- **Ventilation:** Regularly check that the louver vents are clear of obstructions (e.g., leaves, debris) to ensure proper airflow and prevent moisture buildup.
- **Anchoring:** Periodically inspect the anchoring points to ensure the shed remains securely fastened to its base, especially after severe weather conditions.
- **Door Mechanisms:** Lubricate door hinges and locking mechanisms annually to ensure smooth operation.
- **Snow Removal:** While rated for 50 PSF snow load, heavy snow accumulation should be cleared from the roof to prevent excessive stress on the structure.



Image: The shed's all-season durability, illustrating its resistance to rain, wind, and snow.

6. Troubleshooting

This section addresses common issues that may arise during or after the assembly of your metal shed.

Problem	Possible Cause	Solution
Parts are bent or damaged upon arrival.	Shipping damage.	Carefully attempt to bend parts back into shape if minor. For significant damage, contact K Knowbody customer support for part replacement.
Holes do not align during assembly.	Incorrect part orientation or minor manufacturing variance.	Double-check the instruction manual for correct part orientation. Ensure the shed is on a perfectly level surface. Slight adjustments may be needed.
Shed feels unstable after assembly.	Improper anchoring or uneven base.	Verify that the shed is securely anchored to a solid, level foundation as per instructions. Re-check all fasteners for tightness.
Water leakage around skylights or roof.	Improper sealing during assembly or damage to roof panels.	Inspect the seals around skylights and roof panel overlaps. Apply silicone sealant if necessary. Ensure all screws are tightened.

Problem	Possible Cause	Solution
Doors do not close or latch properly.	Misalignment during assembly or uneven ground.	Check the shed's base for levelness. Adjust door hinges or frame components as needed to ensure proper alignment.
Difficulty understanding assembly instructions.	Complexity of diagrams or steps.	Review the provided video instructions for visual guidance. Take your time and examine diagrams carefully before proceeding with each step.

7. Specifications

Feature	Detail
Brand	K Knowbody
Model Number	Y8L042-1016-BW-A-DZ-YY
Color	Dark Blue
Material	Metal (Alloy Steel Frame)
Product Dimensions (D x W x H)	192"D x 120"W x 83.98"H
Item Weight	360 Pounds
Floor Area	160 Square Feet
Door Width	4.61 Feet (55.32 inches)
Door Height	5.7 Feet (68.4 inches)
Door Style	Double swinging
Water Resistance Level	Water Resistant
Required Assembly	Yes
Roof Weight Capacity	50 PSF Snow Load
Wind Resistance	120 MPH (when properly anchored)

8. Warranty and Support

K Knowbody is committed to providing quality products and customer satisfaction.

- **Rust-Free Life:** The multi-layer finish is designed to extend the rust-free life of your outdoor storage shed to 10-15 years.
- **Part Replacement Support:** 24/7 part replacement support is available. If you encounter any issues with missing or damaged parts, please contact K Knowbody customer service.
- **Contact Information:** Refer to the documentation included with your product for specific contact details for customer support and warranty claims.

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