Aoxun IS416BR0503

Aoxun 5x3 FT Metal Garden Shed Instruction Manual

Model: IS416BR0503

1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your Aoxun 5x3 FT Metal Garden Shed. Please read all instructions carefully before beginning assembly and retain this manual for future reference. This shed is designed for outdoor storage of tools, gardening equipment, and other items, offering protection from weather elements.

2. Safety Information

- Assembly may require two or more people to handle heavy components safely.
- Always follow the provided installation instructions to ensure proper assembly and stability.
- Do not attempt to move or disassemble the shed when it is wet or covered in snow to prevent accidents.
- Ensure the installation surface is level to prevent misalignment and structural issues.
- Wear appropriate safety gear during assembly, such as gloves and eye protection.
- Be cautious when handling metal panels to avoid cuts or scratches.

3. Package Contents

Before beginning assembly, verify that all components listed below are present and undamaged. If any parts are missing or damaged, please contact Aoxun customer support.

- Metal wall panels
- Metal roof panels
- Frame components (beams, rafters)
- Door panels with lockable mechanism
- Hardware kit (screws, bolts, washers, nuts) - includes extra pieces

- Instruction manual
- Optional: Floor base components (if purchased with floor base)

4. Setup and Assembly

Follow these steps for proper assembly of your Aoxun Metal Garden Shed:

1. **Prepare the Site:** Select a flat and level surface for installation. An unlevel surface can lead to significant alignment issues during assembly and compromise the shed's stability.
2. **Gather Tools:** You will need an electric screwdriver (set to a low power to avoid stripping screws), a 4-foot ladder, and potentially an adjustable wrench or sockets.
3. **Team Assembly:** It is highly recommended to have at least one other person assist with assembly, especially when positioning wall panels and installing roof beams.
4. **Protective Film:** Each metal panel is covered with a protective plastic film. It is recommended to remove this film as you install each individual piece to prevent scratches during the assembly process.
5. **Assemble the Base:** If your shed includes a floor base, assemble it first according to the instructions. This base is designed to elevate your subfloor or plywood approximately one inch off the ground, helping to prevent moisture damage.
6. **Install Wall Panels:** Carefully attach the wall panels to the base and to each other, ensuring proper alignment.
7. **Construct the Roof Frame:** Install the roof beams and rafters. This step often requires two people for stability.
8. **Attach Roof Panels:** Secure the roof panels, ensuring they overlap correctly to facilitate water drainage. The sloped roof design is crucial for this.
9. **Install Doors:** Attach the double doors and the lockable mechanism. Ensure the doors open and close smoothly and the lock engages correctly.
10. **Final Checks:** Verify all screws and bolts are tightened securely. Check for any remaining protective film and remove it.

The entire installation process typically takes approximately two hours with assistance, following the detailed illustrations provided in the manual.



Image: Product dimensions diagram for the Aoxun 5x3 FT Metal Garden Shed.



Image: Close-up of a shed panel highlighting the refined material and the scratch protective film.

5. Operating Instructions

- **Access:** The shed features double doors for wide access, making it easy to store and retrieve larger items.
- **Security:** Utilize the integrated lockable door mechanism to secure your stored items. Keys are provided for this purpose.
- **Ventilation:** The shed includes vents (typically located near the roof peak) to promote air circulation and reduce condensation inside.
- **Water Drainage:** The sloped roof is designed to effectively direct rainwater away from the structure, preventing accumulation and leakage.



Image: The Aoxun 5x3 FT Metal Garden Shed with its double doors open, revealing the interior.

6. Maintenance

Regular maintenance will ensure the longevity and optimal performance of your shed:

- **Inspection:** Periodically inspect the shed for any loose screws, bolts, or damaged panels. Tighten any loose fasteners and replace damaged parts promptly.
- **Cleaning:** Clean the exterior of the shed with mild soap and water. Avoid using abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Roof Care:** Keep the roof clear of debris such as leaves, branches, and heavy snow to ensure proper water drainage and prevent structural stress.
- **Door Mechanism:** Lubricate door hinges and the locking mechanism annually to ensure smooth operation.
- **Waterproofing:** For enhanced waterproofing, consider applying a silicone sealant or caulk to interior

seams, especially where panels overlap.



Image: Material comparison illustrating the upgraded coating for durability.



Image: Sloped roof design for efficient water drainage and weather resistance features.

7. Troubleshooting

Here are solutions to common issues you might encounter:

- **Problem: Screw holes do not align during assembly.**
  Solution: Ensure the base where the shed is being installed is perfectly level. An unlevel foundation is the most common cause of misalignment. Gently adjust panels by pushing or pulling to align holes. In rare cases, minor re-drilling may be necessary, but proceed with caution.
- **Problem: Doors do not close or lock properly.**
  Solution: Check the alignment of the door panels and the surrounding frame. Adjust hinges or the locking mechanism as needed. Ensure no debris is obstructing the door's path.
- **Problem: Water leakage inside the shed.**
  Solution: Inspect all roof and wall seams for gaps. Apply a high-quality silicone sealant or caulk to any identified openings. Ensure the sloped roof is clear of any obstructions that might impede water runoff.

8. Specifications

Brand	Aoxun
Model Number	IS416BR0503
Color	Brown
Material	Galvanized Steel
Product Dimensions (D x W x H)	35.63" x 59.06" x 72.83" (Nominal 5'x3')
Item Weight	66.58 Pounds
Door Width	28.74 Inches
Door Height	63.98 Inches
Water Resistance Level	Water Resistant
Assembly Required	Yes



Image: Front view of the Aoxun 5x3 FT Metal Garden Shed.



Image: Interior view of the shed demonstrating storage capacity and organization possibilities.

9. Warranty and Support

Specific warranty details are not provided in this manual. For warranty information, customer support, or to order replacement parts, please refer to the product packaging or contact Aoxun customer service directly through their official website or the retailer where the product was purchased.