

MELLCOM XWSS328-N3

MELLCOM 8 x 12 FT Resin Outdoor Storage Shed Instruction Manual

Model: XWSS328-N3

Brand: MELLCOM

1. INTRODUCTION

This instruction manual provides comprehensive guidelines for the assembly, operation, and maintenance of your MELLCOM 8 x 12 FT Resin Outdoor Storage Shed. Please read this manual thoroughly before beginning assembly or use to ensure proper installation and safe operation. Retain this manual for future reference.

Safety Information

- Always wear appropriate safety gear, including gloves and eye protection, during assembly.
- Ensure the assembly area is clear of obstructions and hazards.
- Do not attempt to assemble the shed in strong winds or adverse weather conditions.
- A level and solid foundation is crucial for the stability and longevity of the shed.
- Keep children and pets away from the assembly area.
- Two people are recommended for assembly to ensure safety and efficiency.



Figure 1.1: MELLCOM 8 x 12 FT Resin Outdoor Storage Shed. This image shows the assembled shed in a garden environment, highlighting its design and size.

2. PRODUCT OVERVIEW AND FEATURES

The MELLCOM Resin Outdoor Storage Shed is designed for durable and versatile outdoor storage. Constructed from high-quality, recyclable resin, it offers excellent resistance to weather elements.

Key Features:

- Recyclable Resin Material:** Made from 16mm thick double-layer PP recyclable resin panel, providing waterproof, snowproof, and UV-resistant properties. This material resists cracking and rusting, unlike iron or wood.
- Good Appearance and Practical Structure:** Features a wood grain exterior, thickened steel frame, ventilation vents, a light-transmitting roof panel, and hidden roof drains for practical, all-weather use.
- Versatile and Spacious Storage Space:** Offers ample storage for various items such as bicycles, gardening tools, pool supplies, and patio furniture.

- **High-Density Resin Structure:** Engineered to withstand a snow load capacity of 30 PSF and wind loads up to 35 MPH.
- **Rain Gutter Design:** Integrated rain gutters ensure efficient water runoff, protecting the shed's contents.
- **Durable Frame:** Reinforced with stainless steel tubes for enhanced structural integrity.
- **Included Floor:** Comes with a floor, providing a complete storage solution.
- **Window for Bright Light:** Features a window to allow natural light into the shed.
- **Air Vents:** Equipped with air vents to maintain proper ventilation and keep contents dry.

Dimensions:



Figure 2.1: Shed Dimensions. This diagram illustrates the overall dimensions of the 8 x 12 FT shed, including height, width, and depth, and indicates a storage capacity of 583 cubic feet.

Product Dimensions (D x W x H): 137.72" x 94.17" x 90"

Door Width: 54.25 Inches

Door Height: 70.86 Inches

Storage Capacity: Approximately 583 cubic feet (for 8'x12' model)



Figure 2.2: Versatile Interior Space. This image demonstrates the spacious interior of the shed, capable of accommodating a wide range of items such as bicycles, lawnmowers, and various tools on shelves.

RAIN GUTTER DESIGN

- UV-resistant
- Water Resistant
- Premium Panel
- Easy to clean



Figure 2.3: Impact Resistant Resin Panel. This image highlights the reinforced 16mm thick resin panel, designed to resist heavy snow, strong winds, and rain, protecting stored items from moisture and damage.

DURABLE FRAME
Stainless Steel Tube

Figure 2.4: Rain Gutter Design. This illustration shows the shed's roof with an integrated rain gutter system, indicating its UV-resistant, water-resistant, and easy-to-clean premium panel.



Figure 2.5: Design Advantages. This comparison highlights key design advantages such as air vents for dryness, a window for natural light, and an included floor, contrasting them with common shortcomings in other sheds.

3. SETUP AND ASSEMBLY INSTRUCTIONS

The MELLCOM storage shed features a one-piece panel plug-in structure designed for easier and faster assembly, potentially reducing installation time by 30% compared to traditional sheds. It is highly recommended that two people perform the assembly.

3.1 Foundation Preparation

A solid, level foundation is essential for the stability and longevity of your shed. This can be a concrete slab, a wooden deck, or a properly prepared gravel base. Ensure the foundation is perfectly level before starting assembly.

The sturdy design includes expansion bolts and 8-inch ground nails that anchor into concrete or soil, providing additional stability. Ensure your chosen foundation allows for secure anchoring.



Figure 3.1: Stability and Features. This image illustrates the anchor kit for stability, ventilation for airflow, top light transmission, and the fixed door latch, all contributing to the shed's robust design.

3.2 Assembly Steps

Follow these general steps for assembly. Refer to the detailed diagrams and instructions provided in your physical manual for specific part identification and placement.



INSTALLATION STEP

One-piece Panel, Plug-in Structure

Figure 3.2: Installation Steps Overview. This diagram provides a visual guide to the main assembly sequence: Step 1: Assemble the bottom, Step 2: Assemble the support rods, Step 3: Assemble the sides, Step 4: Assemble the roof, Step 5: Assemble the door.

- Step 1: Assemble the Bottom.** Begin by laying out and connecting the base components on your prepared level foundation.
- Step 2: Assemble the Support Rods.** Install the vertical support rods into the designated slots on the base. Ensure they are securely fastened.
- Step 3: Assemble the Sides.** Attach the side panels to the support rods, utilizing the plug-in structure. Work systematically around the shed.
- Step 4: Assemble the Roof.** Carefully position and secure the roof panels. Ensure all connections are tight to prevent leaks.
- Step 5: Assemble the Door.** Install the door frame and hang the doors. Adjust as necessary for smooth operation and secure closure.

Note: The manual covers installation processes for all sizes. Please focus on the sections relevant to your 8 x 12 FT model. For detailed visual guidance, refer to the specific diagrams and instructions in your product's included manual.

4. OPERATING INSTRUCTIONS

4.1 Door Operation

The shed features double doors for easy access. To open, disengage the latch mechanism and pull the doors outwards. To close, push the doors firmly together and engage the latch to secure them. Ensure the doors are fully closed and latched to protect contents from weather and unauthorized access.

4.2 Ventilation

The shed is equipped with ventilation vents to promote airflow and reduce condensation. Ensure these vents remain unobstructed to maintain proper air circulation within the shed.

4.3 Storage Capacity

Utilize the spacious interior for organizing your items. Consider adding shelving or hooks to maximize vertical storage space. Distribute weight evenly to maintain shed stability.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your MELLCOM storage shed.

- Cleaning:** Clean the exterior of the shed periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the resin material. Rinse thoroughly with clean water.
- Inspection:** Regularly inspect the shed for any signs of damage, loose fasteners, or wear. Pay attention to the roof, walls, doors, and foundation anchors.
- Ventilation:** Ensure the ventilation vents are clear of debris (leaves, dirt, etc.) to maintain proper airflow.
- Door Hinges and Latches:** Lubricate door hinges and latches annually with a silicone-based lubricant to ensure smooth operation.
- Snow Removal:** While the shed is designed for snow load, heavy accumulation should be removed to prevent excessive stress on the roof structure.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Doors do not close or align properly.	Uneven foundation; loose hinges; warped panels.	Ensure the foundation is level. Check and tighten all hinge screws. If panels are warped, contact customer support.
Water leakage inside the shed.	Improperly sealed roof/wall panels; clogged rain gutters; damaged panels.	Inspect all panel connections and roof seams for proper sealing. Clear any debris from rain gutters. Check for cracks or damage in panels.
Shed feels unstable or wobbly.	Uneven foundation; insufficient anchoring; loose frame connections.	Verify the foundation is level. Ensure all ground anchors are securely installed. Tighten all frame bolts and screws.
Condensation inside the shed.	Poor ventilation; high humidity.	Ensure ventilation vents are clear and unobstructed. Consider adding a dehumidifier if humidity is consistently high.

7. SPECIFICATIONS

Attribute	Detail
Brand	MELLCOM
Model Number	XWSS328-N3
Color	Gray
Material	Resin (16mm double-layer PP), Iron (frame)
Product Dimensions (D x W x H)	137.72" x 94.17" x 90"
Style	Modern

Attribute	Detail
Water Resistance Level	Water Resistant
Door Style	French Doors
Assembly Required	Yes
Door Width	54.25 Inches
Door Height	70.86 Inches
Snow Load Capacity	30 PSF
Wind Load Capacity	Up to 35 MPH

8. WARRANTY AND SUPPORT

For specific warranty information regarding your MELLCOM 8 x 12 FT Resin Outdoor Storage Shed, please refer to the warranty card included with your product packaging or contact MELLCOM customer service directly.

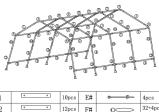
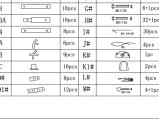
If you encounter any issues during assembly, operation, or maintenance, or if you require replacement parts, please contact MELLCOM customer support. They are available to provide assistance and answer any questions you may have.

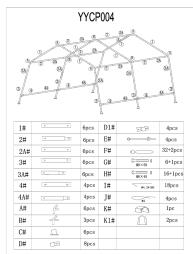
MELLCOM Customer Service: Please refer to the contact information provided in your product packaging or visit the official MELLCOM website for support details.

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This manual is for informational purposes only. Product specifications are subject to change without notice.

Related Documents

 <p>ASSEMBLING INSTRUCTION XWSS-197</p>	<p>XWSS-197 Outdoor Storage Shed Assembly Instructions</p> <p>Comprehensive step-by-step assembly guide for the XWSS-197 outdoor storage shed by MELLCOM. Includes a detailed parts list and clear instructions for building your garden shed.</p>
 <p>YYCP005</p> 	<p>MELLCOM YYCP005 10x20 ft Heavy Duty Carport Assembly Instructions</p> <p>Detailed assembly guide for the MELLCOM YYCP005 10x20 ft Heavy Duty Carport. This manual provides step-by-step instructions, part identification, and diagrams for constructing a durable outdoor storage shelter for vehicles and equipment.</p>



YYCP004 Carport Assembly Instructions

Step-by-step guide for assembling the YYCP004 carport, including a parts list and assembly diagrams.