

foldable floor

User Manual: 2 Storey Portable Expandable Prefab House

Brand: Generic | Model: foldable floor



1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your new 2 Storey Portable Expandable Prefab House. Designed for versatility and rapid deployment, this modular home offers a flexible living or working space solution.

The Expandable Container House features a double-wing expansion structure, maximizing internal living space. Its design allows for quick assembly and disassembly, enabling easy relocation and setup in approximately 10 minutes.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before assembly, relocation, or use.

- Always follow manufacturer's instructions for assembly, relocation, and use.
- Consult with a professional if you're unsure about any aspect of the process.
- Keep children and pets away from the work area during assembly and relocation.
- Do not exceed the weight limits specified by the manufacturer.

3. PRODUCT FEATURES

- **Flexible Use:** Adaptable for various applications including residences, offices, shops, or dormitories.
- **Customizable Interior:** Interior layouts can be tailored to specific preferences and needs.
- **Sturdy Construction:** Robust container structure provides superior pressure and wind resistance for durability and safety.
- **Easy Mobility:** Foldable design facilitates easy relocation for temporary or mobile projects.
- **Rapid Deployment:** Can be quickly assembled and disassembled, with installation possible in approximately 10 minutes.

4. SETUP AND ASSEMBLY

The 2 Storey Portable Expandable Prefab House is designed for quick and efficient setup. While assembly is required, the innovative double-wing expansion structure significantly reduces installation time.

4.1 Pre-Assembly Checklist

- Ensure the chosen site is level and stable, capable of supporting the house's weight (approximately 10,000 lbs).
- Verify all components are present and undamaged upon delivery.
- Gather necessary tools and equipment as specified in the assembly guide (not provided in this manual, refer to manufacturer's specific instructions).
- Ensure adequate space for expansion of the double-wing structure.

4.2 Assembly Process Overview

The house utilizes a foldable design for rapid deployment. The primary steps involve unfolding the main structure and securing the expandable sections. Detailed instructions for connecting utilities (water, electricity) and interior finishing will be provided by the manufacturer's specific assembly guide.



Figure 4.1: Assembled 2 Storey Portable Expandable Prefab House. This image shows the exterior of the house, highlighting its modern design and two-story configuration with a balcony.



Figure 4.2: Alternative exterior design with wooden accents. This image illustrates a different aesthetic option for the house's exterior and interior finishes.

5. OPERATING AND USE

The Expandable Prefab House is designed for versatile applications, offering a comfortable and functional space for various needs.

5.1 Intended Use

- **Residential:** Suitable as a permanent home, backyard guest house, or temporary living quarters.
- **Commercial:** Can be adapted for temporary offices, retail stalls, or security rooms.
- **Specialized:** Ideal for staff dormitories, warehouses, or carports.

5.2 Interior Layout and Customization

The internal layout can be customized to meet specific demands, ranging from 1 to 5 rooms. This flexibility allows for personalized living or working environments.



Figure 5.1: Example of a bedroom interior. This image demonstrates a potential bedroom setup within the expandable house.



Figure 5.2: Example of a living/dining area interior. This image shows how the living and dining spaces can be arranged.



Figure 5.3: Example of a bathroom interior. This image provides a view of the compact and functional bathroom design.



Figure 5.4: Example floor plan. This diagram illustrates a possible internal layout configuration.

6. MAINTENANCE

Regular maintenance is crucial to ensure the longevity and optimal performance of your prefab house. Due to its robust construction, general upkeep will primarily involve routine cleaning and inspections.

6.1 General Cleaning

- Clean interior surfaces with appropriate household cleaners.
- Periodically clean exterior surfaces to prevent dirt and debris buildup.
- Ensure drainage systems (gutters, downspouts) are clear of obstructions.

6.2 Structural Inspection

- Annually inspect the galvanized steel frame and sandwich panels for any signs of wear, corrosion, or damage.
- Check all seals around windows and doors for integrity to maintain water resistance.
- Verify the stability of the foundation or support structure, especially after relocation.

6.3 Relocation Maintenance

Before and after each relocation, perform a thorough inspection of all structural connections and moving parts to ensure they are secure and undamaged.

7. TROUBLESHOOTING

While the prefab house is designed for durability, minor issues may arise. This section provides general guidance for common concerns.

7.1 Water Leaks

- **Issue:** Water ingress around windows, doors, or roof seams.
- **Solution:** Inspect seals and caulking. Reapply sealant as necessary. Ensure proper drainage from the roof.

7.2 Structural Instability

- **Issue:** House feels unstable or shifts.
- **Solution:** Immediately cease use. Re-evaluate the levelness and stability of the ground. Ensure all structural connections are properly secured. Consult a professional if the issue persists.

7.3 Electrical/Plumbing Issues

- **Issue:** Non-functional outlets, lights, or water fixtures.
- **Solution:** For safety, all electrical and plumbing issues should be addressed by a qualified professional. Do not attempt DIY repairs unless you are certified.

For any issues not covered here or for complex problems, please contact customer support.

8. SPECIFICATIONS

Attribute	Detail
Product Name	Expandable Container House
Brand	Generic
Model Number	foldable floor
Dimensions (D x W x H)	480"D x 114"W x 96"H
Item Weight	10000 Pounds
Material	Stainless Steel, Wood (Frame: Alloy Steel)
Color	Customizable (e.g., White/Black/Yellow/Gray)
Style	Foldable, Modern
Water Resistance Level	Waterproof
Door Style	Folding Doors
Assembly Required	Yes
Number of Rooms	1-5 rooms / customizable
Wall Material	Fireproof and waterproof sandwich panel / customizable

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This product comes with a **1-year warranty** from the date of purchase. The warranty covers manufacturing defects and material failures under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact the seller, Massive Hub, through the Amazon platform or refer to the contact information provided with your purchase documentation.

You can also visit the product page on Amazon for frequently asked questions and additional resources: [Product Page Link](#)

