



DOUBLE WINGS EXPANDABLE CONTAINER HOUSE PRODUCT BROCHURE

Yangzhou ruiqiao international
import and export trade Co., Ltd

Factory-prefabricated

Quick installation

Versatile

Eco-friendly

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About Us

We are a comprehensive modern enterprise that integrates prafab housing research and development, production, sales, leasing, and import and export trade services. Our factory has its own assembly industrial park, with an annual output of more than 10,000 units. Most of the products and components are self-produced, and the quality is more guaranteed. We focus on the research and development of container houses, innovate and break through the limitations of terrain, manufacture functional and fully equipped disassembly container houses, and provide comprehensive operation services for the temporary building, cultural tourism, ecological development accommodation market.

Future Prospects

The future of prefabricated steel container houses looks promising. They offer quick, cost-effective solutions for housing needs, aligning with the growing demand for sustainable construction. Their modular design allows for easy customization and adaptability, catering to various applications from temporary shelters to permanent structures.



Key Benefits

Prefabricated steel container houses boast numerous advantages. They are durable, sustainable, and cost-efficient, with minimal waste production. The modular construction enables rapid assembly and disassembly, reducing construction time and costs.



Our Factory's Advantages

Our factory excels in manufacturing prefabricated steel container houses. We ensure high-quality production through a controlled environment, offering standardized products at competitive prices. Our commitment to innovation drives continuous improvements in energy efficiency and structural integrity. Additionally, our focus on local employment and community development sets us apart, making us a socially responsible choice for clients seeking top-tier, sustainable housing solutions.

Product Introduction

The expandable container house is a cutting-edge residential design that maximizes space utilization. Inspired by the wingspan of a bird, it offers a spacious, airy, and flexible living environment. This innovative structure features a double-wing folding mechanism that minimizes volume for easy transport when folded. Upon unfolding, the living space expands, enhancing habitability. Constructed with eco-friendly materials like recyclable steel and sustainable panels, it aligns with modern green living standards.

Factory-Prefabricated

Produced through standardized manufacturing processes in a factory setting.

Maritime-Optimized Design

Specifically designed for sea freight to fully utilize and conserve transportation space.

Minimizes Construction Waste

Designed to reduce waste generation during construction.

Low Labor Costs

Requires no specialized installation skills, thereby reducing labor costs.

Durable and Safe

Features fire resistance, earthquake resistance, and wind resistance.





Installation Guide

[1] Preparations Before Installation

Ground Requirements: A level ground or support point is required for installation. For a 20-foot Double-Wing Expandable House, 40mm supports are required on both sides.

For a 40-foot Double-Wing Expandable House, 80mm supports are required on both sides.

At least three supports are needed on each side.

Assess whether a foundation is necessary based on ground conditions (a foundation is generally required for soft ground, such as beaches or mud).

[2] Items to Prepare for Installation

Personnel: At least six people are required for installation without a manual winch.

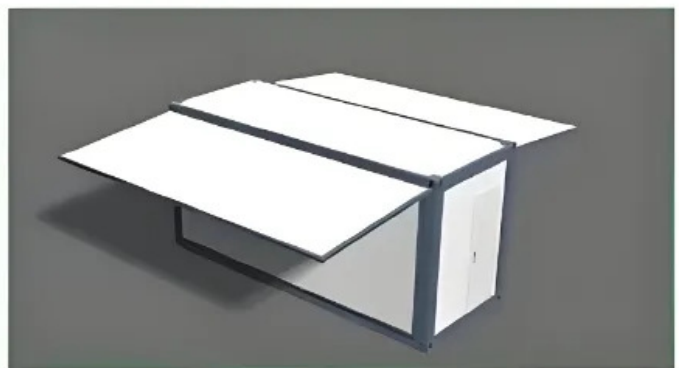
Tools: Gloves, helmets, power drills, electric wrenches, or wrenches should be prepared.

Safety Checks: When starting to open the top panel:

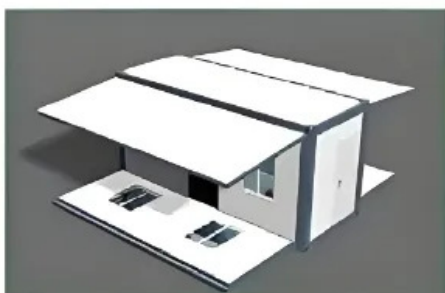
After opening a crack, at least two people must push against the inner vertical board. Check for any movement of the inner vertical board and ensure the inner latch mechanism is locked and not damaged. Prevent accidents caused by the top panel rising and the latch mechanism failing.



Flat Pack Packing



Roof Installation



Floor Installation



Wall Installation



Expandable House Finished

Model Options

Double Wings Expandable Container House Model Dimension options

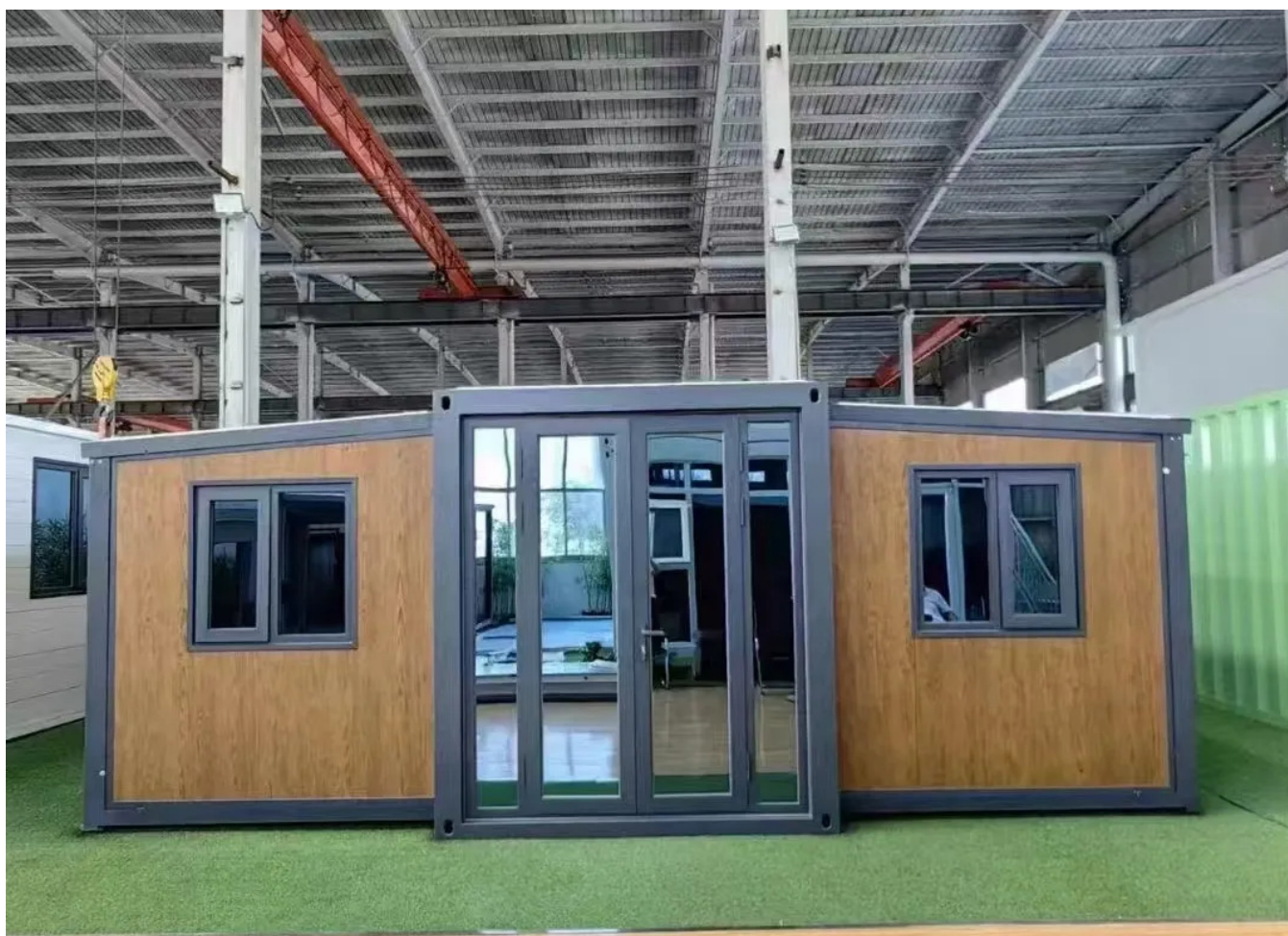
No.	Product Model	Expandable Size(mm)	Folding Size(mm)	Loading Quantity/ 40HQ (unit)	Weight (ton)	Area (m ²)	Classic layout
1	10ft	L2950*W6300*H2480	L2950*W2200*H2480	4	1.8	18	open-plan layout
2	20ft	L5900*W6300*H2480	L5900*W2200*H2480	2	3.5	38	1 bathroom 1 kitchen 2bedroom
3	20ft (700small)	L5900*W4800*H2480	L5900*W700*H2480	6	2.1	28	open-plan layout
4	30ft	L9000*W6220*H2480	L9000*W2200*H2480	1	4.5	56	1 bathroom 1 kitchen 3bedroom
5	40ft	L11800*W6220*H2480	L11800*W2200*H2480	1	5.7	73	2 bathroom 1 kitchen 3bedroom
6	40ft (700small)	L11800*W4800*H2480	L11800*W700*H2480	3	4	56	open-plan layout
7*	2*30ft (splice)	L9000*W12440*H2480	L9000*W2200*H2480 *2	0.5	9	112	open-plan layout
8*	2*40ft (splice)	L11800*W12440*H2480	L11800*W2200*H2480 *2	0.5	12	146	open-plan layout

REMARK: The table above displays typical dimensions, but our expandable houses can be joined together in any combination of front-to-back, side-to-side, and vertically (two-story) to meet any size requirement. For more details, please contact our sales staff.

20FT Basic Model

The most cost-effective choice

The basic model of the 20-foot expandable house features cost-effective painted galvanized EPS sandwich panels for the walls, PVC flooring, kitchen and a separate wet and dry bathroom. The layout is fully customizable to meet your specific needs. The high-quality suspension system can withstand multiple relocations, making it suitable for temporary housing, mobile shelters, and earthquake relief purposes.



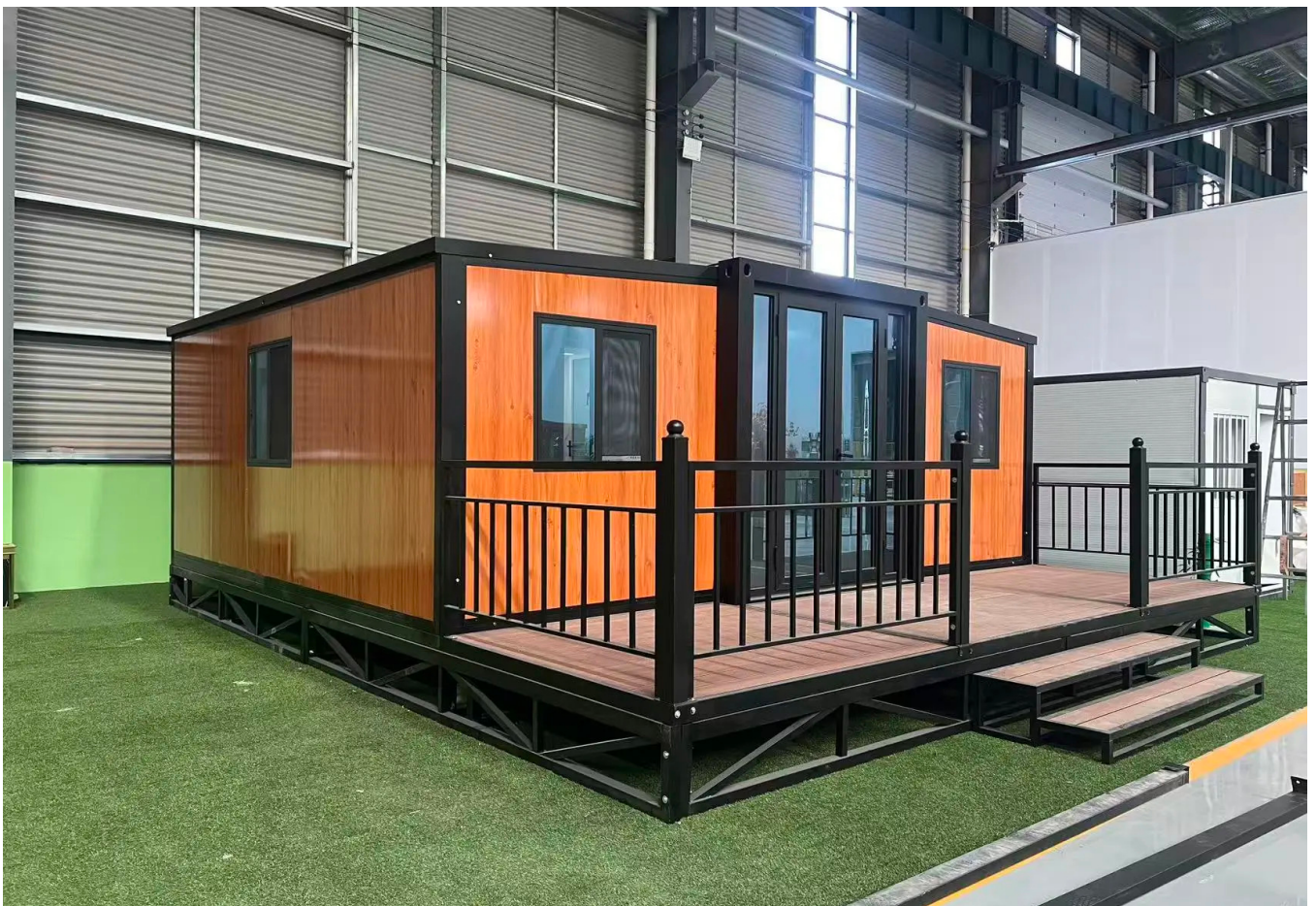
20FT Basic Model

The most cost-effective choice



20FT Basic Model

The most cost-effective choice



20FT Basic Model

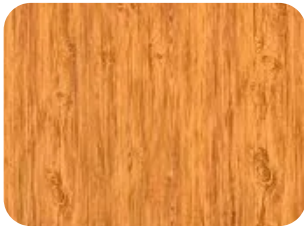
The most cost-effective choice



20FT Basic Model



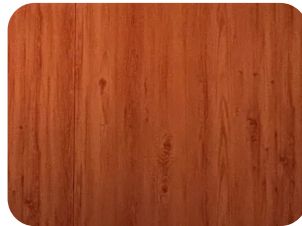
Wall panel selection



A01



A02

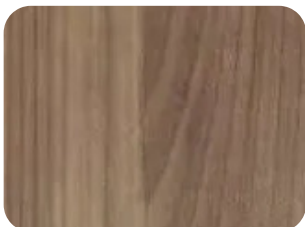


A03



A04

PVC floor selection



B01



B02



B03



B04

20FT Basic Model

The most cost-effective choice



20FT Basic Model

Dry and wet separation bathroom options



20FT Basic Model

Kitchen cabinets options



20FT Upgrade

Pursuit of higher quality

The upgraded version of the 20-foot expandable house builds upon the base model with the addition of exterior metal carved panels or interior bamboo fiber boards. The flooring has been upgraded to more robust and durable SPC flooring. The interior has been enhanced with additional decorative accessories, and every detail has been refined to make the house more exquisite. This upgraded model is well-suited for use as a hotel, guesthouse, or family leisure space.



Case presentation





Case presentation



20FT Upgrade Model

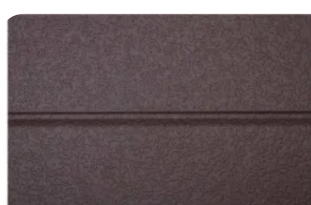
Exterior metal carving panel selection



GM-16-大山水



GM-17-黄鸡翅木



GM-52-浅棕砂中直沟



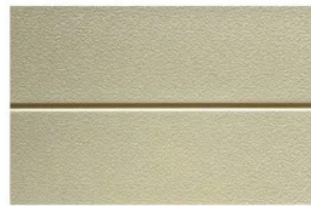
GM-53-古墙灰中直沟



GM-18-红鸡翅木



GM-19-双色柚木



GM-54-米黄中直沟



GM-55-大山水中直沟



GM-86-松木节



GM-87-红鸡翅木



GM-34-黑白芝麻点



GM-35-黑白大理石



GM-88-浅灰



GM-89-古墙灰



GM-36-红枫大理石

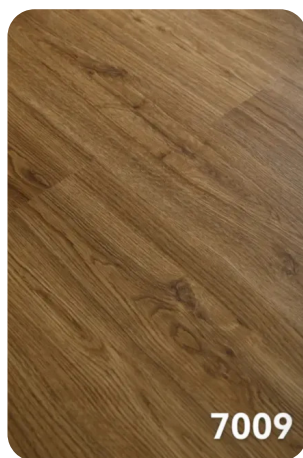


GM-37-黄金麻石

SPC floor selection



7005



7009



8006



8008

20FT Upgrade Model

5 star carbon crystal plate inner wall selection



Case presentation



C001



C002



C003



C004



C005



C006

Case presentation



C007



C008



C009



C010



C011



C012

Case presentation



C007



C008



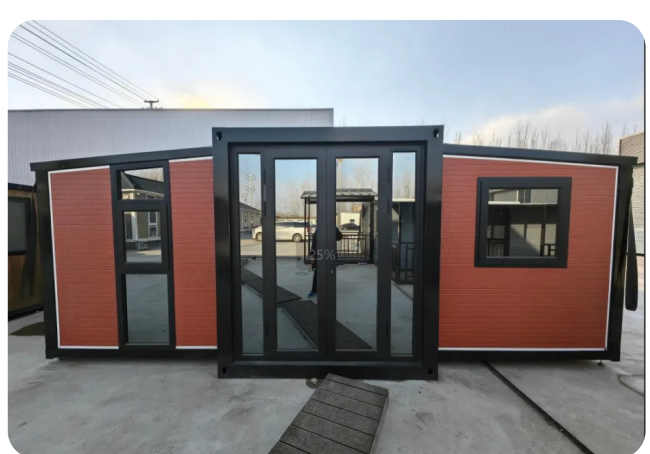
C009



C010



C011



C012