

CATALOGUE

FLAT PACK CONTAINER HOUSE



Hengshui Jingtong Integrated Housing Co.,LTD



FLAT PACK CONTAINER HOUSE

External Size: L5800 × W2440 × H2896 mm

Internal Size: L5630 × W2230 × H2515 mm

Fireproof: Grade A

Wind-Resistance: 0.5 kN/m²

Anti-seismic: Grade 8

Roof live load: 0.5 kN/m²

Flat pack container houses represent a modern, efficient, and sustainable solution for housing needs. The original structure have been manufactured and assembled in our factory and then they will be transported to your construction site for assembly. The assembly is easy and fast. They will just need several days, which saves lots of time and labor costs compared with traditional construction method.

Additional, they are flexible to be stacked and custom configurations. Their ease of assembly, durability, and customizable design make them an appealing choice for a wide range of applications, from temporary housing and emergency shelters to permanent residences and innovative architectural projects.

Product Features

Modular Design

Allows for flexible layout and customization.

Cost-Effective

Easier and faster installation reduce labor and material costs.

Good in performance

They provide excellent thermal, insulation as well as good wind and seismic performance.

Stackable Configuration

Enables vertical stacking for multi-story living spaces.

Quick Assembly

Can be assembled on-site within a few days for a full construction site, which saves lots of time compared with traditional construction method.

Durability

Constructed from sturdy steel materials that can withstand various weather conditions.

Portable

Easy to transport and relocate as needed. We will provide installation & disassembly guidance for your convenient operation.

Specifications

Basic Information of Flat Pack Container House



External Dimensions (L×W×H): 5800×2400×2896 mm

Internal Dimensions (L×W×H): 5630×2230×2515 mm

Thermal insulation performance: $\lambda = 0.043 \text{ W}/(\text{m}\cdot\text{K})$

Wind resistance performance: 0.50 kN/m²

Sound insulation performance: Sound insulation $\geq 30 \text{ dB}$

Fire resistance performance: Class A

Waterproof performance: Class II

Seismic performance: Level 8

Floor live load: 2.0 kN/m²

Roof live load: 0.50 kN/m²

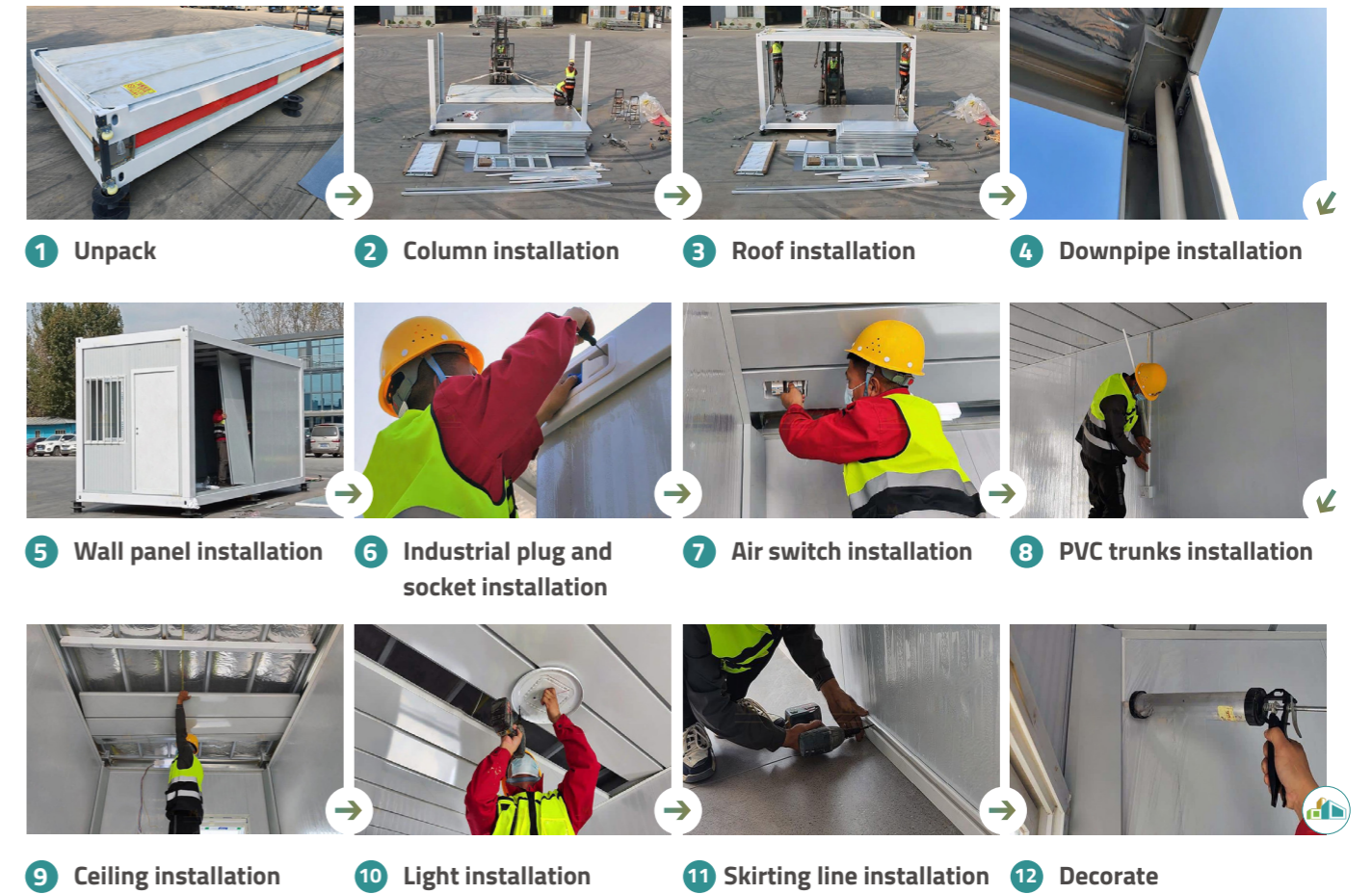
Structure Surface Treatment: Electrostatic spray white

Connection method: High-strength bolt connection

Technical Parameters of Flat Pack Container House

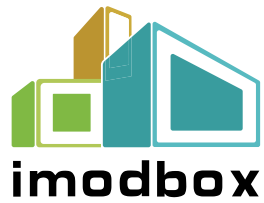
Part	Name	Components	Quantity	Unit
Main frame (bare steel)	Top frame	170 mm top side beam 2.3 mm × 2 Top crossbeam × 2 pieces Purlins × 50 C-shaped steel × 6 20×20×6000 square tube × 2 Explosion-proof junction box × 1	1	set
	Bottom frame	160 mm, bottom side beam 2.3 mm × 2 Bottom crossbeam × 2 Purlins × 120 C-shaped steel × 9	1	set
	Column	2535×150×210×2.3 mm	4	pc
	Top/bottom corner castings	-	1	set
	L-corner	-	1	set
	Color steel roof	Color steel single panel 360° seam 0.4 mm	1	set
	831 ceiling panel	YX28-277-831, 0.3 mm	1	set
	Top insulation	75 mm thick single foil glass wool 14 kg/m ³ + PE film	1	set
	Drainage	PVC 50×2.0×2700	4	pc
	Floor	Ground	18 mm glass magnesium board	1
1.6 mm PVC plastic floor			1	set
Wall panel	Composite board	1150 double-sided 0.30 mm - 75 mm rock wool, density 50 kg/m ³ , H-shaped, one side orange peel texture, one side flat white, double-sided PE film	15	pc
Doors and windows	Doors and windows	Steel door 840×2035 mm	1	Set
		Plastic steel sliding window 1110×1120 mm - 2 pieces, double sliding, with screen window, anti-theft grille (UPVC)	2	Set
Electrical appliances	Lights	LED decorative light 36W × 2	1	set
	Sockets	10A five-hole socket - 3 pieces, three-hole socket 16A - 1 piece		
	Switches	Single key switch - 1 piece, concealed distribution box - 1 piece		
	Electrical wiring	2×1.5m ² lighting wire, 3×2.5m ² socket wire, 3×4m ² air conditioner wire, 3×6m ² main wire		
	Industrial sockets	220V 50Hz 3P32A		
Decoration	Column corner covers	2535 mm color steel profiled part	4	pcs
	House bottom	U-shaped water diversion channel	1	set
Accessories	Wall panel clips	Z-shaped clip	1	set
	Accessories	Matching screws, self-drilling screws, floor nails, cross half-round head	1	set

Installation



Gallery





Hengshui Jingtong Integrated Housing Co.,LTD

Address: Room 1202, Block #A, Huizhong Plaza, No.285 Renmin East Road, Taocheng District, Hengshui City, Hebei Province.

Mobile: +86-15297601111

E-mail: tian@imodbox.com

WhatsApp: +86-18830819992

WeChat: +86-18830819992

Website: www.imodbox.com