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INTERNATIONAL HOTLINE
008602981506887

FUJI ELEVATOR CO.,LTD

Add: No. 287, fenghe road, lianhu district, xi'an city, Shaanxi province, China
Tel: 008602981506887 WhatsApp: +86 17392707011
Email: sales.support@elevator-fuji.com
Http: www.fujisj.com

FUJISJ



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FJ-023-01

FUJISJ HOME ELEVATOR

BASIC SERIES

·HOME ELEVATOR



FUJISJ

FUJISJ

FUJI ELEVATOR CO.,LTD

FUJISJ ELEVATOR INTRODUCTION ENTERPRISE

Fuji Elevator Co., Ltd and Japan Fuji Machinery & electric Co., limited jointly created the only official Fuji brand in China-FUJISJ. The company has two national standard elevator factories which are located in Suzhou, covering an area of more than 400 acres, has a technical research and development team of nearly 100 people, with an annual output of 20,000 elevators and 2,000 escalators.

We provide high-speed elevators, passenger elevators, home elevators, hospital elevators, observation elevator, escalators, moving walks, freight elevators, automobile elevators etc. The company now has more than 20 series of elevator products with more than 50 specifications, and has reached the domestic and international advanced level. It is one of the largest elevator manufacturers in the elevator industry with complete product specifications, multiple categories, and maximum rated load capacity. We are committed to building the largest elevator production base in the world.



20000+

Annual production elevators



2000+

Annual production escalators



20+

Elevator product series more than



50+

Elevator specification more than



SCOPE & REQUIREMENTS

Introducing the home elevator, a sophisticated solution seamlessly blending accessibility and luxury. Designed to enhance mobility and convenience, these compact elevators bring a touch of modern elegance to residential spaces. With sleek designs and advanced technology, home elevators offer a practical alternative to traditional staircases, ensuring easy and comfortable access to multiple floors. Elevate your home experience with this innovative and stylish addition, redefining the way we navigate our living spaces.

Production Range of Application

- Rising height $\leq 22\text{m}$
- Floor number: 2-6

Size Data

- Car area: $0.49\text{m}^2 \sim 2\text{m}^2$
- Load: 150kg~800kg

*Free customization within the scope of the table



ALUMINUM ALLOY FRAME

FEATURES OF ALUMINUM ALLOY STRUCTURE

1. Use industrial aluminum alloy, compact frame structure, saving the area of the hoistway;
2. The aluminum alloy interface is designed with storey height, and the hidden section interface is processed. There are no connectors and bolts on the inside, and the frame has no traces and beautiful appearance;
3. With the same color aluminum alloy door panel, there is no color difference as a whole, and it is integrated.

Painted aluminum structure



White
(metal powder)



Flat light White
(frosted powder)



Gray
(matte powder)



Silver
(metallic powder)



Black
(matte powder)



Champagne gold
(metallic powder)

Glass optional



Full transparent glass
STANDARD



Frosted white glass



Blue star gray glass



Gray tea glass



FJ-B-J01 **STANDARD**
CABIN DESIGN

CABIN DECORATION

- Ceiling** Hairline stainless steel, downlight

- Car wall** Hairline stainless steel

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail **OPTIONAL**



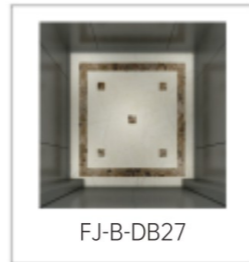
Landing Door



Ceiling



Flooring



COP



LOP



FJ-B-J15 **STANDARD**
CABIN DESIGN

CABIN DECORATION

- Ceiling** Mirror stainless steel, acrylic lighting

- Car wall** Champagne golden mirror, hairline stainless steel

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

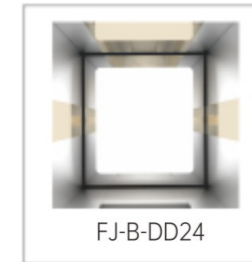
Handrail **OPTIONAL**



Landing Door



Ceiling



Flooring



COP



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HOME CABIN DECORATION OPTIONAL SERIES

- CE certification
- EAC certification
- Light curtain protection
- Video surveillance
- Emergency leveling
- Environmentally green
- Smooth comfortable



FJ-B-J02 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Hairline stainless steel, acrylic lighting

- Car wall** Hairline stainless steel, glass

- Handrail** Hairline stainless steel round tube

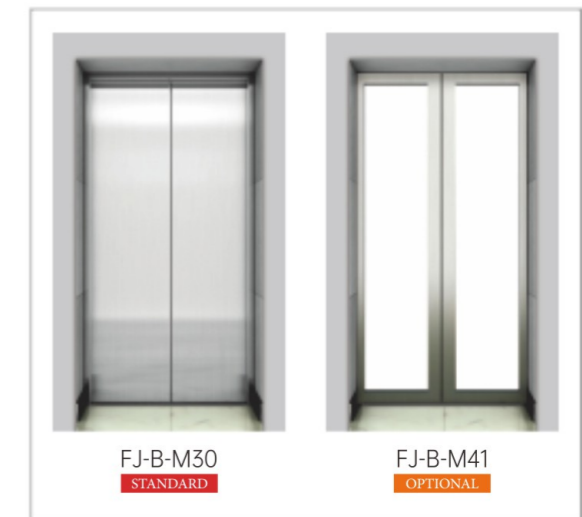
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail STANDARD



Landing Door



Ceiling



Flooring



COP



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FJ-B-J03 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Hairline stainless steel, downlight

- Car wall** Mirror stainless steel, mirror etching, hairline stainless steel

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



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FJ-B-J05 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Stainless steel with rose gold texture, hidden light strips, downlight

- Car wall** Rose gold patterned stainless steel, rose gold mirror stainless steel, rose gold mirror etching

- Handrail** Optional

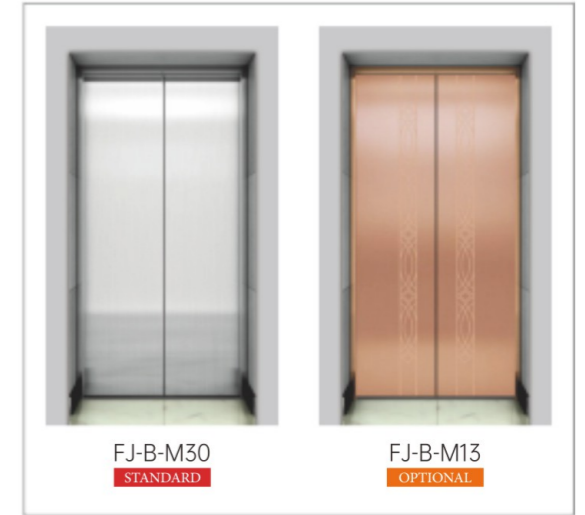
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



LOP





FJ-B-J09 OPTIONAL CABIN DESIGN

CABIN DECORATION

- Ceiling** Rose gold mirror stainless steel, silk screen pvc marble board, downlight
- Car wall** Carved wood veneer, rose gold mirror stainless steel, decorative painting
- Handrail** Optional
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



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FJ-B-J10 OPTIONAL CABIN DESIGN

CABIN DECORATION

- Ceiling** Mirror stainless steel ,acrylic lighting, downlight
- Car wall** Mirror stainless steel etching, hairline stainless steel
- Handrail** Optional
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

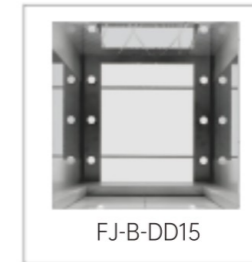
Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



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FJ-B-J19 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Mirror stainless steel, acrylic lighting

- Car wall** Mirror stainless steel, mirror etching, wood grain steel plate

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

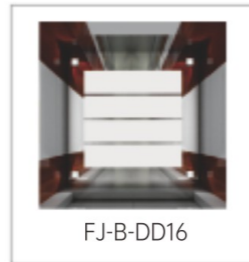
Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



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FJ-B-J24 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Mirror stainless steel hollow, LED light strip, downlight

- Car wall** Mirror stainless steel, wood veneer

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

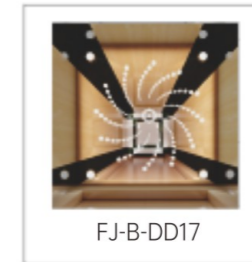
Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



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FJ-B-J25 OPTIONAL CABIN DESIGN

CABIN DECORATION

- Ceiling** Wooden frame, acrylic board, light tube
- Car wall** Ceramic mirror white steel plate front wall, wood veneer
- Handrail** Optional
- Floor** Wooden floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



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FJ-B-J26 OPTIONAL CABIN DESIGN

CABIN DECORATION

- Ceiling** Wooden frame, downlight
- Car wall** Wood veneer frame, titanium mirror etching
- Handrail** Optional
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



LOP





FJ-B-J29 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Wooden frame, hidden light strip, wood grain steel plate, downlight
- Car wall** Wood veneer, PVC luminous frame, mirror stainless steel, wood grain steel plate, decorative painting
- Handrail** Optional
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



LOP



FJ-B-J50 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Mirror stainless steel, downlights, wooden edges
- Car wall** Wood veneer, mirror stainless steel
- Handrail** Optional
- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



LOP





FJ-B-J51 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Wooden structure, downlight

- Car wall** Wood veneer, mirror stainless steel

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



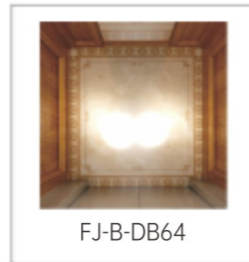
Landing Door



Ceiling



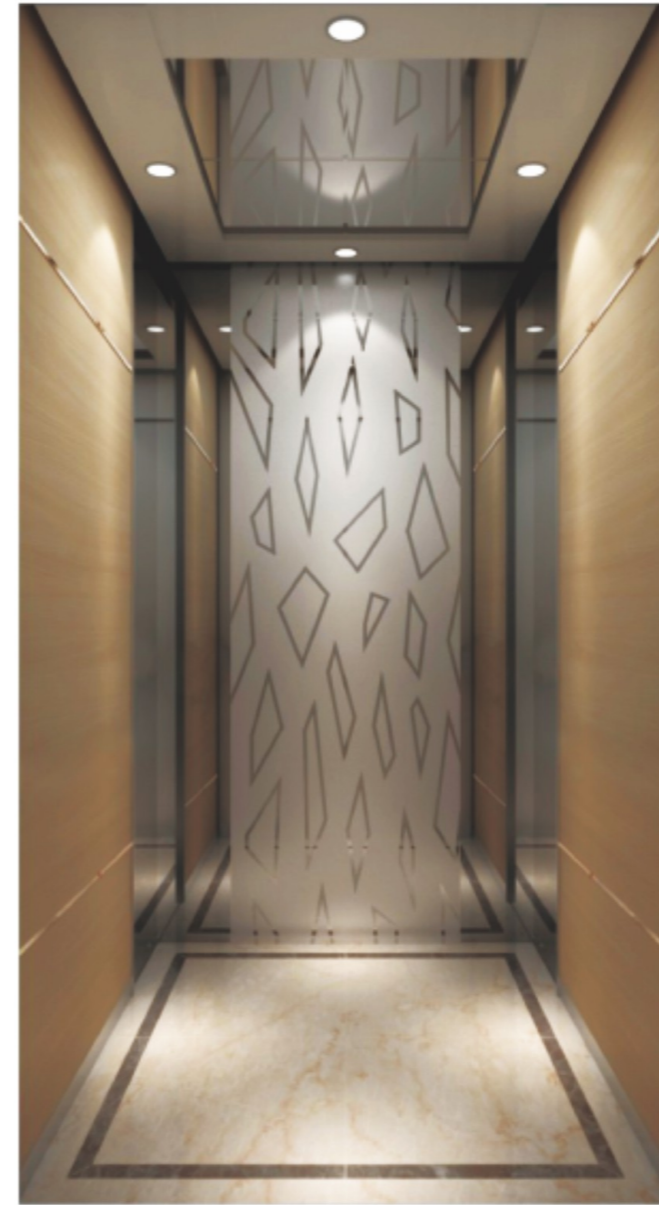
Flooring



COP



LOP



FJ-B-J53 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** Painted board, mirror stainless steel, downlight

- Car wall** Wood veneer, mirror stainless steel, Metal strips, mirror etching

- Handrail** Optional

- Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



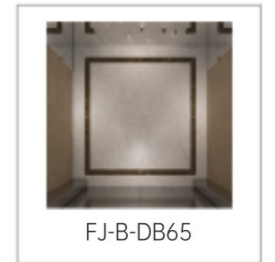
Landing Door



Ceiling



Flooring



COP



LOP





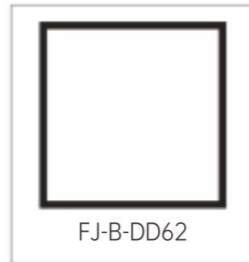
Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



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FJ-B-J70 OPTIONAL
CABIN DESIGN

CABIN DECORATION

- Ceiling** LED translucent panel
- Car wall** Black titanium aluminum alloy frame, safety laminated sightseeing glass
- Handrail** Hairline stainless steel round tube
- Floor** PVC floor

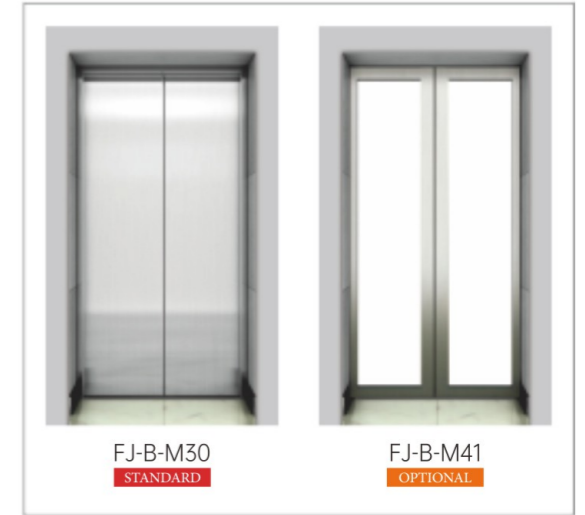
CD: Customizable, CW: Customizable, HD: Customizable



Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



LOP



FJ-B-J71 OPTIONAL
CABIN DESIGN

CABIN DECORATION


- Ceiling** Painted board, hidden lamp belt, downlight
- Car wall** Wood veneer, safety laminated sightseeing glass
- Handrail** Hairline stainless steel round tube
- Floor** PVC floor


CD: Customizable, CW: Customizable, HD: Customizable





FJ-B-J72 OPTIONAL
CABIN DESIGN

CABIN DECORATION

-  **Ceiling** Titanium mirror, LED light

-  **Car wall** Titanium mirror stainless steel, titanium mirror stainless steel etching

-  **Handrail** Optional

-  **Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



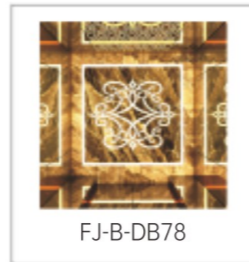
Landing Door



Ceiling



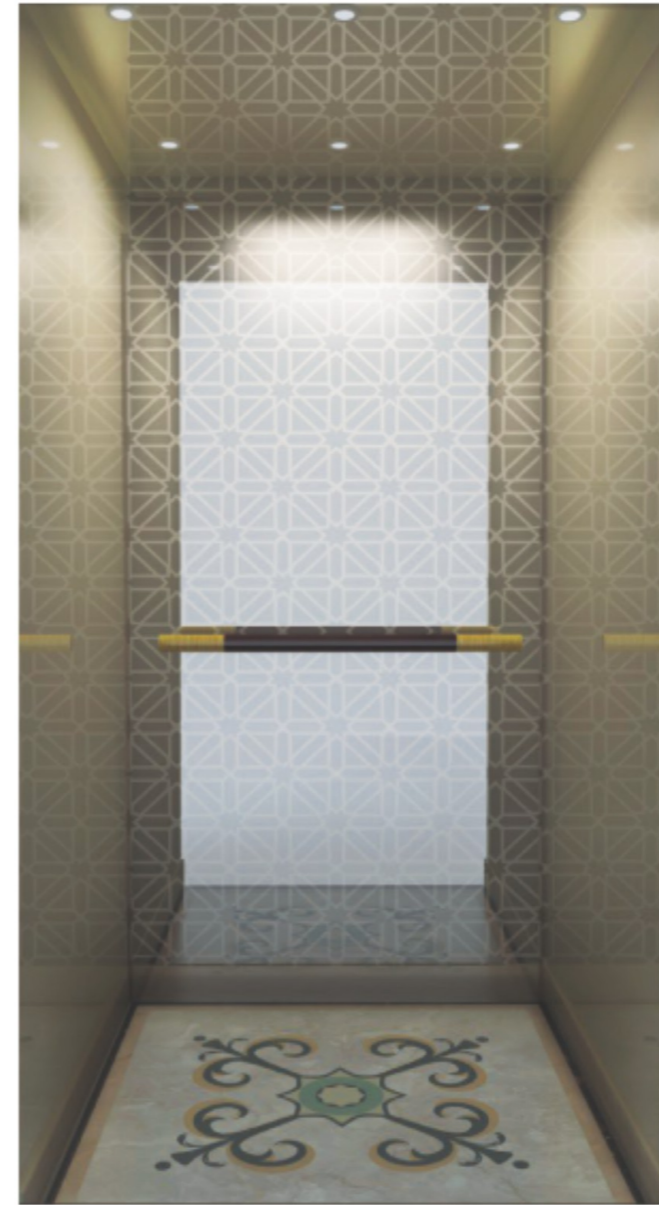
Flooring



COP



LOP



FJ-B-J73 OPTIONAL
CABIN DESIGN

CABIN DECORATION

-  **Ceiling** Champagne gold mirror, LED light

-  **Car wall** Champagne gold mirror stainless steel, champagne gold mirror etching

-  **Handrail** Optional

-  **Floor** PVC floor

CD: Customizable, CW: Customizable, HD: Customizable

Handrail OPTIONAL



Landing Door



Ceiling



Flooring



COP



LOP

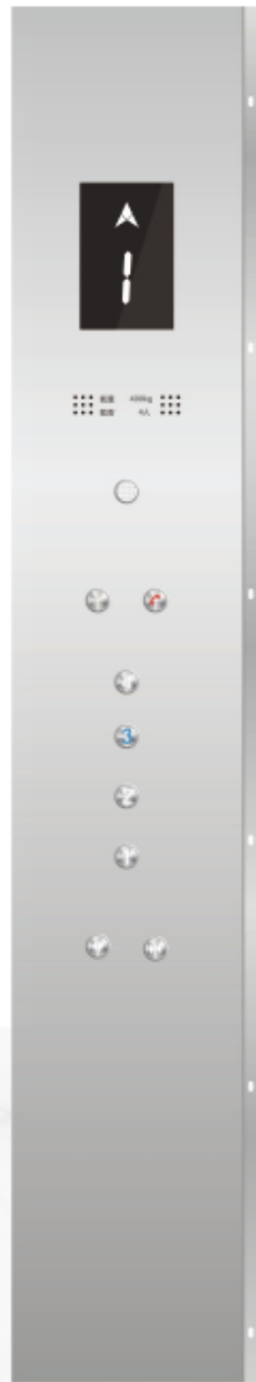


HUMAN MACHINE INTERFACE

CABIN DESIGN

HOME ELEVATOR COP

Focusing in practicability and convenience, perfectly blend functions into overall solutions.



FJ-B-CZ06
STANDARD



FJ-B-CZ11
OPTIONAL



FJ-B-CZ12
OPTIONAL



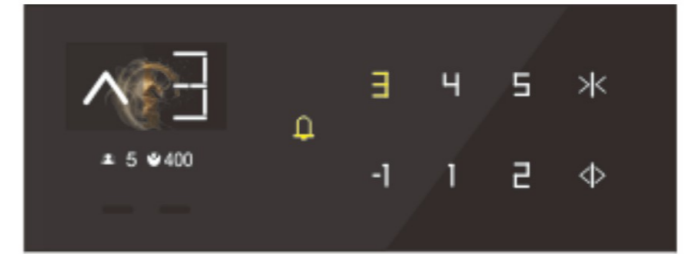
FJ-B-CZ13
OPTIONAL



FJ-B-CZ14
OPTIONAL



FJ-B-CZ15
OPTIONAL



FJ-B-CZ17
OPTIONAL



FJ-B-CZ07
OPTIONAL



FJ-B-CZ09
OPTIONAL



FJ-B-CZ16
OPTIONAL



HUMAN MACHINE INTERFACE

CABIN DESIGN

HOME ELEVATOR LOP



Focusing in practicability and convenience, perfectly blend functions into overall solutions.



FJ-B-WH12
STANDARD



FJ-B-WH13
STANDARD



FJ-B-WH14
STANDARD



FJ-B-WH22
OPTIONAL



FJ-B-WH23
OPTIONAL



FJ-B-WH15
OPTIONAL



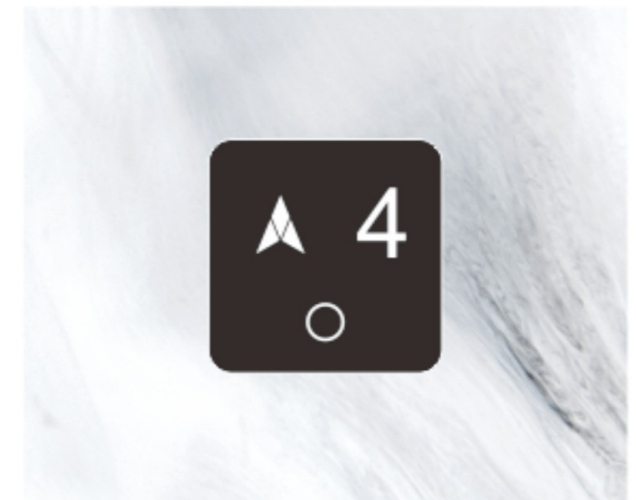
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OPTIONAL



FJ-B-WH17
OPTIONAL



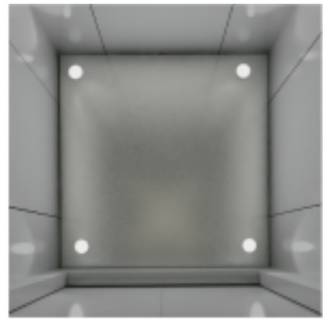
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OPTIONAL



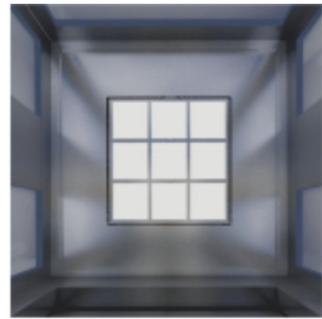
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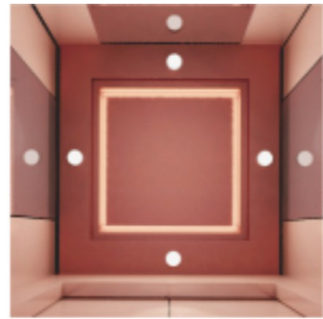
CEILING SERIES CABIN DESIGN



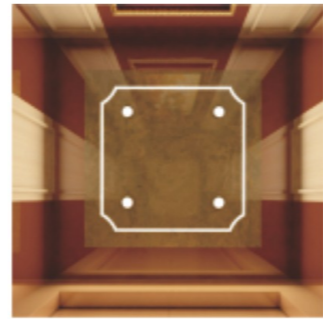
FJ-B-DD11
STANDARD



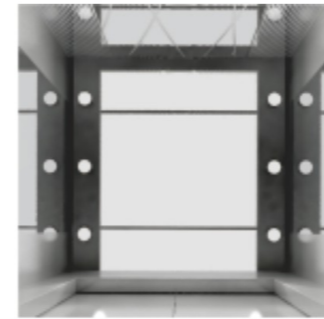
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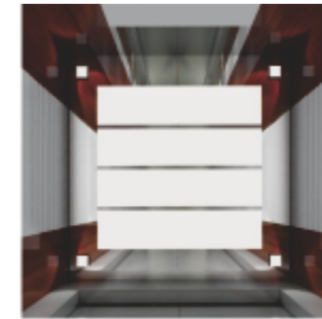
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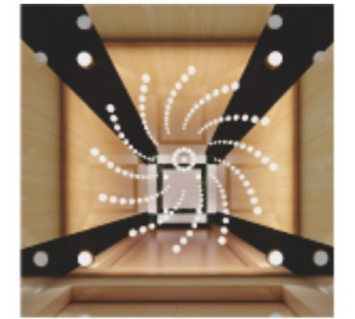
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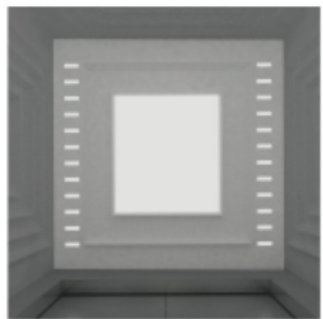
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OPTIONAL



FJ-B-DD16
OPTIONAL



FJ-B-DD17
OPTIONAL



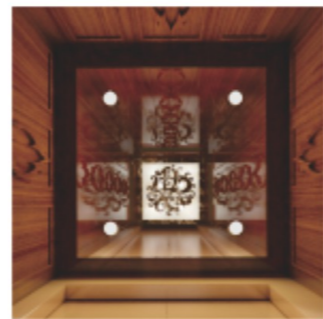
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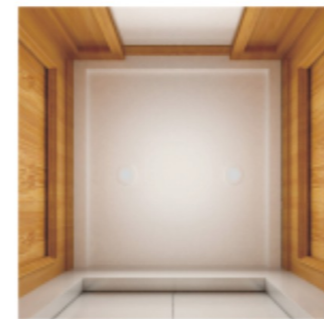
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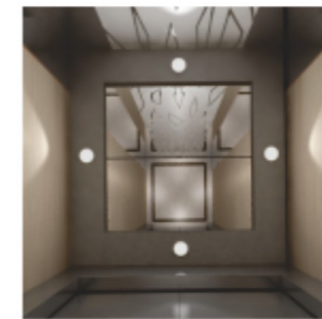
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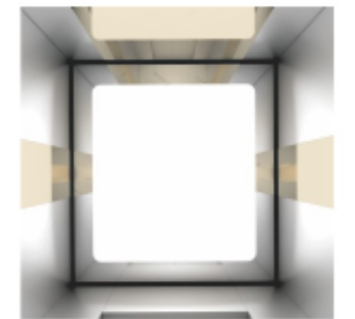
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OPTIONAL



FJ-B-DD22
OPTIONAL



FJ-B-DD23
OPTIONAL

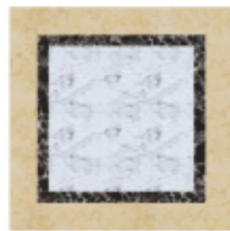


FJ-B-DD24
OPTIONAL





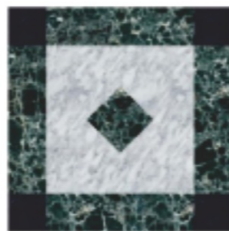
FLOOR SERIES CABIN DESIGN



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STANDARD



FJ-B-DB04
STANDARD



FJ-B-DB09
STANDARD



FJ-B-DB10
STANDARD



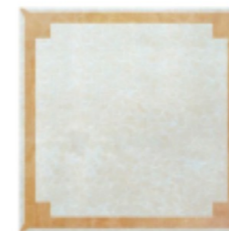
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STANDARD



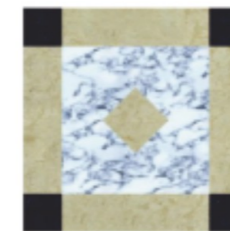
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FJ-B-DB13
OPTIONAL



FJ-B-DB14
OPTIONAL



FJ-B-DB15
OPTIONAL



FJ-B-DB16
OPTIONAL



FJ-B-DB17
OPTIONAL



FJ-B-DB18
OPTIONAL



FJ-B-DB20
OPTIONAL



FJ-B-DB21
OPTIONAL



FJ-B-DB22
OPTIONAL



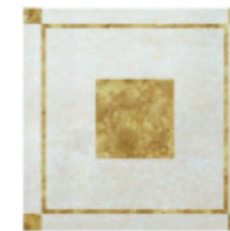
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OPTIONAL



FJ-B-DB24
OPTIONAL



FJ-B-DB25
OPTIONAL



FJ-B-DB26
OPTIONAL



FJ-B-DB27
OPTIONAL

HANDRAIL SERIES CABIN DESIGN

FJ-B-FS30
STANDARD



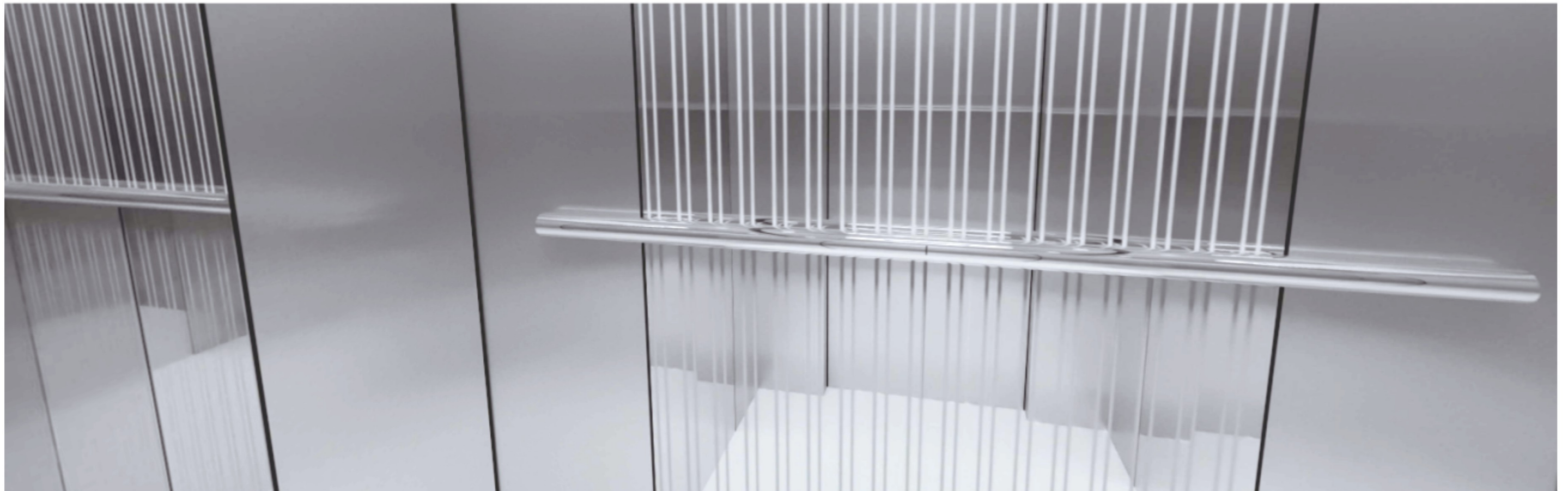
FJ-B-FS32
OPTIONAL



FJ-B-FS31
OPTIONAL



FJ-B-FS33
OPTIONAL





FJ-B-M30
STANDARD



FJ-B-M09
OPTIONAL



FJ-B-M10
OPTIONAL



FJ-B-M11
OPTIONAL



FJ-B-M13
OPTIONAL



FJ-B-M14
OPTIONAL



FJ-B-M15
OPTIONAL



FJ-B-M16
OPTIONAL



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FJ-B-M17
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FJ-B-M18
OPTIONAL



FJ-B-M19
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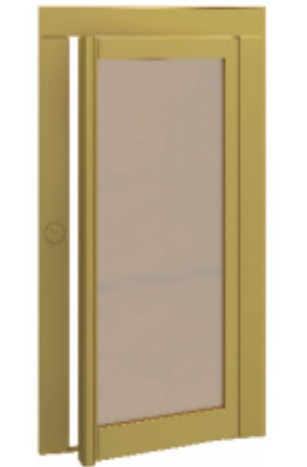
FJ-B-M20
OPTIONAL



FJ-B-M21
OPTIONAL



FJ-B-M22
OPTIONAL

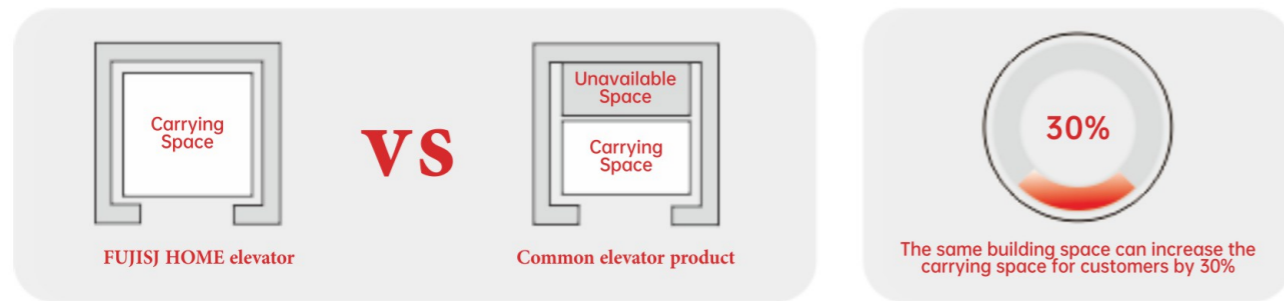


FJ-B-M23
OPTIONAL

MULTIPLE INSTALLATION METHODS

High space utilization of HOME elevators

The maximum load-bearing space for the same building space, and the minimum building space for the same load-bearing space.



Applicable construction

The following five building structures can be installed with our products

As to ②③④⑤ conditions required shaft, customers can pre-install the shaft with metal frames or concrete. It is recommended to choose FUJISJ HOME elevator specified frame shaft.

MINIMUM SIZE

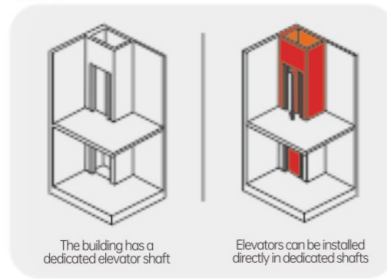
Minimum customized size **1250*1200mm**

Minimum overhead height **2600mm**

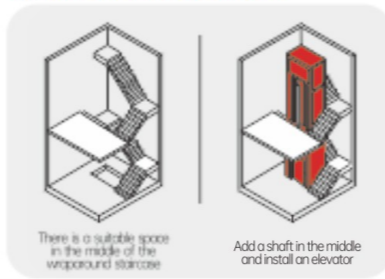
Minimum pit depth **200mm**

Note: the construction permit conditions can satisfy at most two of them, and the three requirements cannot be satisfied at the same time.

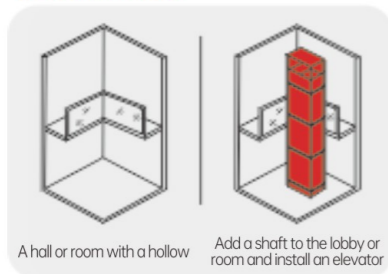
① CONCRETE SHAFT



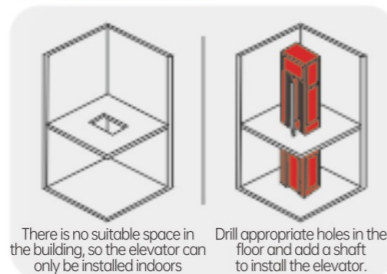
② WRAPAROUND STAIRCASE



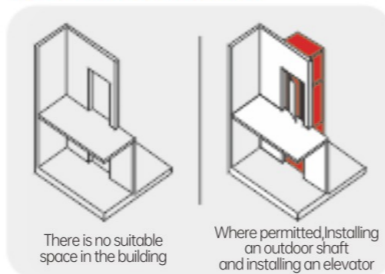
③ HOLLOW HALL



④ FLOOR OPENINGS



⑤ OUTDOOR DECORATION



DRIVING METHODS INTRODUCTION

The wire rope traction elevator

The wire rope traction elevator is a common type of elevator that operates through a wire rope and a traction mechanism. Steel wire rope has the characteristics of high strength and wear resistance, can bear heavy weight.

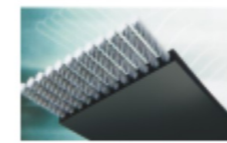


Wire rope



The steel belt traction elevator

The steel belt traction elevator is a new type of elevator design that uses steel belts instead of wire ropes. It has higher strength and smaller diameter, and can adapt to the needs of higher speeds and larger load capacity.

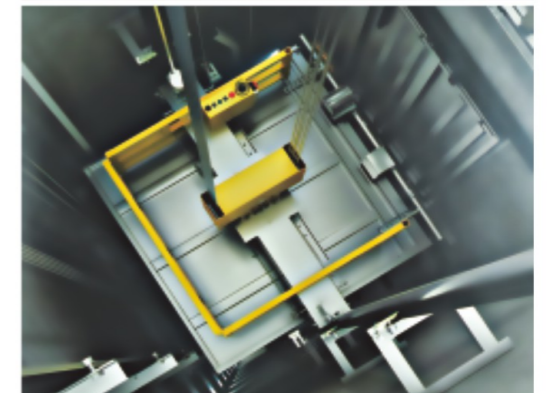
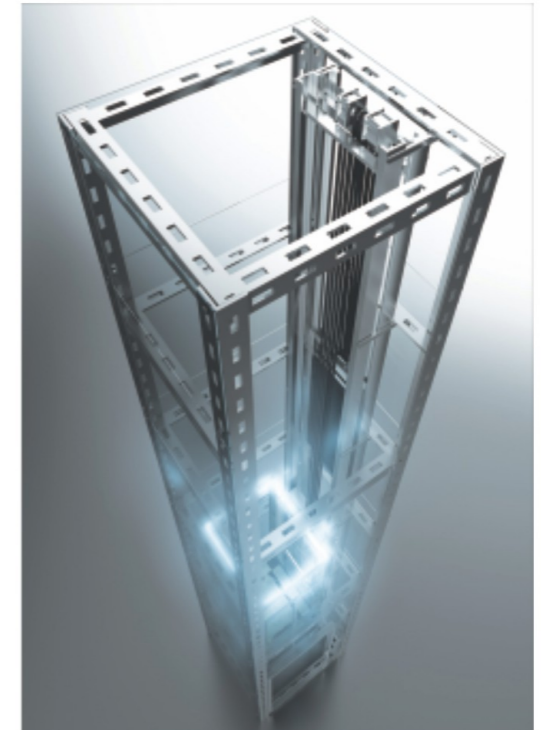


Composite steel belt



The forced-drive traction elevator

The forced-drive traction elevator uses a motor to directly drive the traction sheave without traditional traction mechanism. It has the advantages of simple structure and smooth operation.

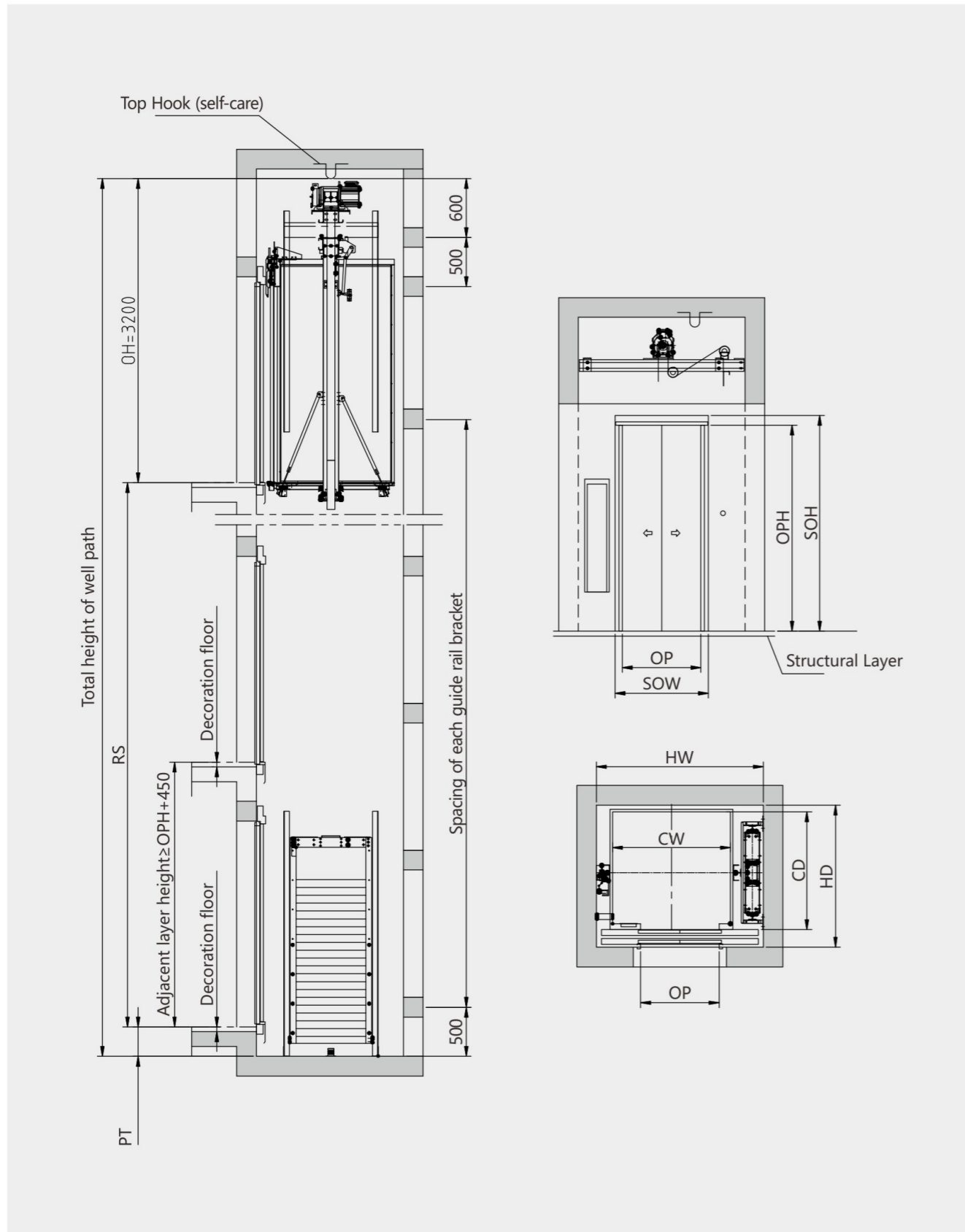


FUNCTION TABLE OF HOME ELEVATOR

Function Name	Function description
Maintenance operation	When the operating conditions are met, pressing the Up/Down button causes the elevator to run up/down at the service speed point. Continuously pressing the button keeps the elevator running and releasing the button stops it.
ARD Power failure leveling	Equipped with power failure emergency function, that is, the elevator is equipped with a storage battery, after a power failure will quickly switch to the self-battery power generation, on the nearest stopping floor to open the door
Self-learning of shaft parameters	The height of the elevator from the lowest to the highest floor and the height between each floor, measured using the encoder behind the motor of the elevator's main unit, is recorded as data in the memory of the elevator's main board.
Light curtain door protection	When any beam of light is blocked, the control system immediately outputs an open door signal, the car door stops closing and opens in the reverse direction, and the elevator door can be closed normally until the passengers or obstacles leave the guarded area, so as to achieve the purpose of safety protection, thus avoiding the occurrence of personal injury accidents in the elevator.
Automatic return to base station	According to the user's requirement, a certain floor can be set as the base station. After the elevator responds to the last call command, if there is no call signal within the set time, the elevator will automatically return to the base station without opening the door.
Lights off power saving function	The elevator will turn off the car lighting if no one occupies the elevator for a set period of time.
Front and back door service floor setup	When the car has two doors, automatic control of both doors can be realized according to the user's specific needs.
Service Floor Setup	The system can individually select the floors to be served as needed
Double-click to cancel	Press the button twice in succession to cancel the misoperation command.

Function Name	Function description
Repeatedly open the door	When the elevator can not be opened normally due to the obstruction of the door, the elevator system will automatically open the door to calculate the time, when the time exceeds the set value, the elevator will automatically close the door and run to the neighboring service floor to try to open the door again, in order to make when the elevator opens the door to a certain level of the failure, to the floor of the passengers can be in the neighboring floor to leave the car; and the elevator system to maintain a normal operating state, to avoid the occurrence of the door opening failure of a certain floor to avoid the impact of the normal operation of the elevator
Overload protection	When the loading capacity of the elevator car exceeds the rated loading capacity, the elevator is not allowed to close the door and start, and the elevator will keep the door open at the level position of the floor station and cannot start operation. In this state, the load capacity of the elevator car should be reduced so that it is less than the rated load capacity, then the overload protection state can be eliminated and the elevator will return to the normal operation state.
Motor overload protection	The elevator system can make real-time automatic monitoring of the temperature of the elevator motor, and when the temperature is found to be greater than the set value, the elevator will immediately make a fault record and deal with this state, so that the elevator stops in the door area after the level stop and the elevator door protects the open state; when the temperature of the elevator motor returns to normal, the elevator will automatically return to the normal operation state.
Full selection control operation function	According to the floor selection instruction in the car and the floor summoning instruction outside the hall, the elevator centralizes the comprehensive analysis and processing, and automatically selects the direction and responds to the instructions one by one in the same direction. It can automatically register the instructions in the car and the floor summoning instructions outside the hall, automatically close the door and start running, and answer the instructions one by one in the same direction; when there is no summoning instruction, the elevator will automatically close the door and standby or automatically return to the base station and close the door and standby, and then automatically start answering the instructions when there is a summoning signal for a certain floor.
Safety circuit protection	Elevator safety circuit means the circuit that connects all electrical safety devices in series. When one or several safety component switches meet the safety circuit requirements of the safety contact, it can directly cut off the power supply of the motor.
Forced deceleration monitoring function	When the elevator is disturbed and the data is lost, the elevator controller does not know when to decelerate, and when it encounters the forced deceleration switch, the control system unconditionally enters into the deceleration procedure and stops by mandatory deceleration to prevent the elevator from squatting or toppling. Normally the deceleration switch is set to normally closed state
Door lock circuit short circuit protection	Door lock shorting means that the door lock circuit which should be connected by door closing under normal condition is now closed even if the door is not really closed, the door lock circuit is also closed. Simply put, it is by a short wire in the elevator machine room control cabinet to achieve the closure of the door lock circuit, without regard to whether the door is really closed. The door locking short is only used in an emergency during maintenance.
One-touch dialing/digital nine-touch dialing	You can store up to 6 more phone numbers internally, and when you use it, you only need to press a button on the control panel to make a call to a pre-existing phone number. When the dialed phone number cannot be reached, it can automatically transfer to the next set of phone numbers. You can dial any phone number freely, and the dialing method is the same as the traditional landline phone. A set of phone numbers can be stored internally, so that in case of emergency, you can dial the set of numbers for help with one touch.

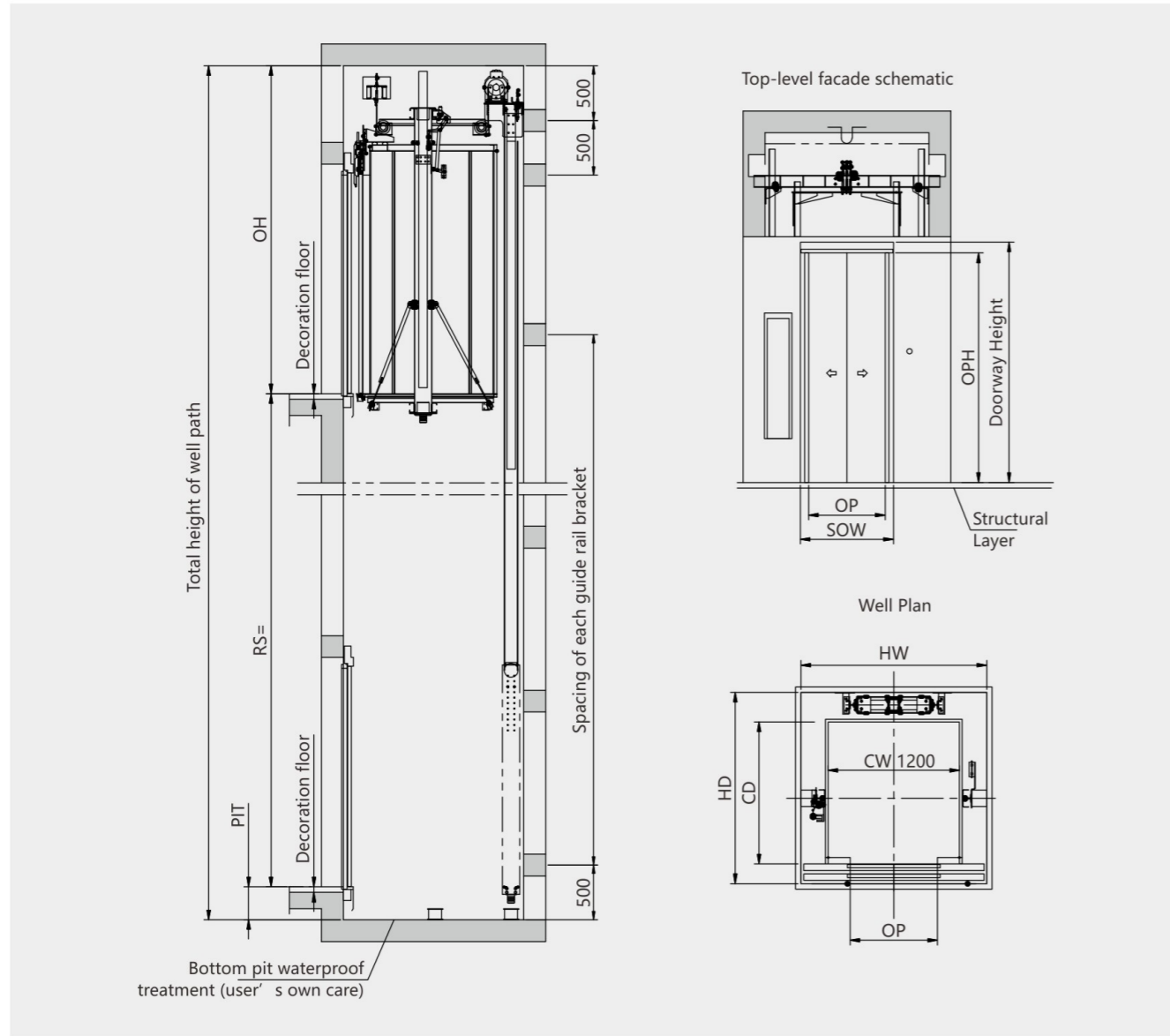
CIVIL ENGINEERING PARAMETERS OF STEEL BELT HOME ELEVATOR



Loading capacity (Passengers)	Rated speed (m/s)	Open the door way	Door opening size (mm)	Car size (mm)			Hoistway size (mm)		Top height (mm)	Pit depth (mm)	Max travelling heighth (m)
				Width	Depth	Height	Width	Depth			
260kg	0.4m/s-1.0m/s	Center Open	700×2100	900	850	2200	1500	1100	3100	300	0.4M/S≤19000 1.0M/S≤23000
320kg			700×2100	1100	900	2200	1600	1150			
400kg			800×2100	1200	1000	2200	1700	1250			

Note:Only for reference,final manufacture please follow contract.

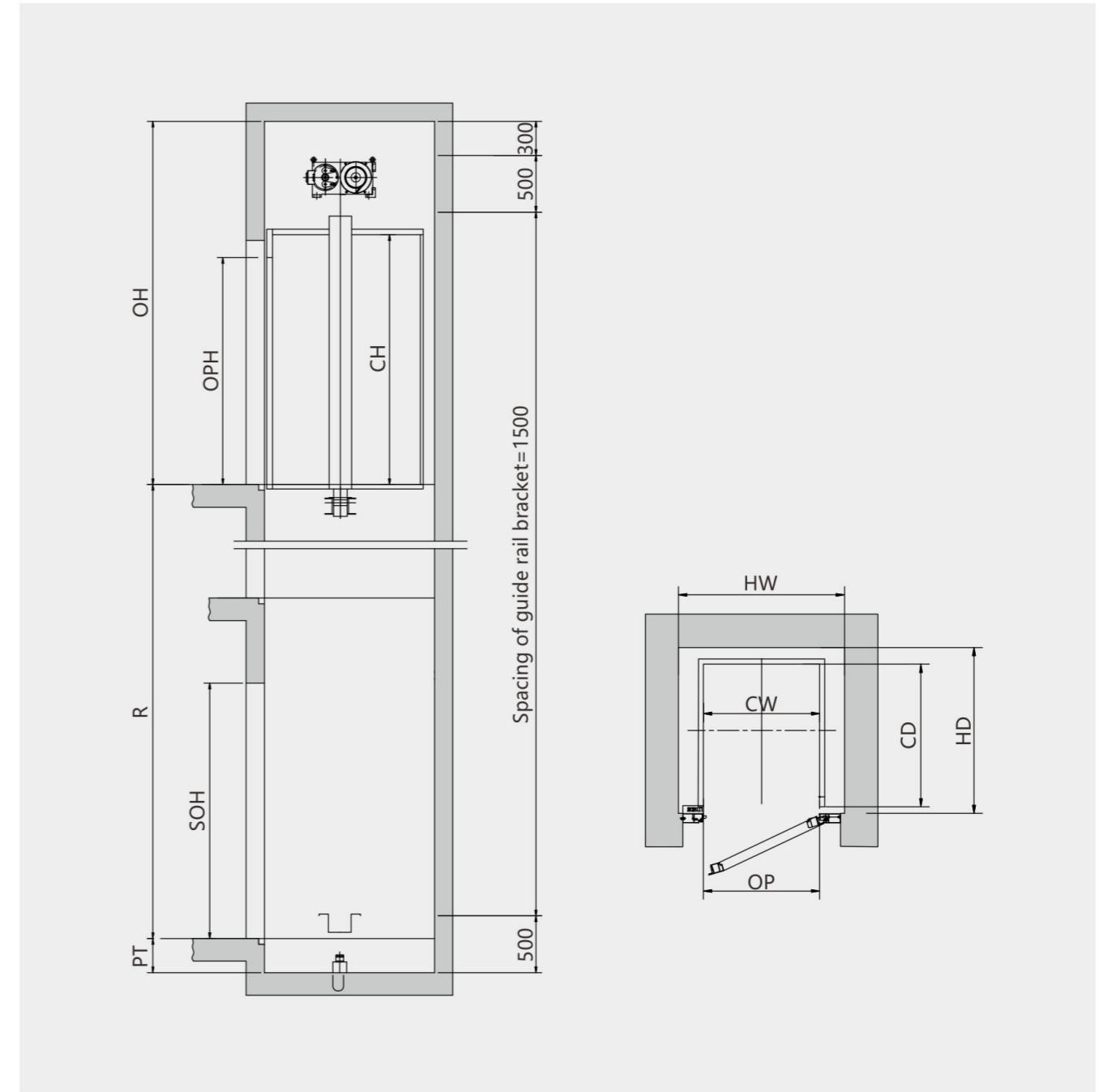
CIVIL ENGINEERING PARAMETERS OF WIRE ROPE HOME ELEVATOR



Loading capacity (Passengers)	Rated speed (m/s)	Open the door way	Door opening size (mm)	Car size (mm)			Hoistway size (mm)		Top height (mm)	Pit depth (mm)	Max travelling height (m)
				Width	Depth	Height	Width	Depth			
260kg	0.4m/s-1.0m/s	Center Open	700×2100	900	850	2200	1500	1300	3000	300	0.4M/S≤19000 1.0M/S≤23000
320kg			700×2100	1100	900	2200	1600	1350			
400kg			800×2100	1200	1000	2200	1700	1450			

Note:Only for reference,final manufacture please follow contract.

CIVIL ENGINEERING PARAMETERS OF FORCED DRIVE HOME ELEVATOR



Loading capacity (Passengers)	Rated speed (m/s)	Open the door way	Door opening size (mm)	Car size (mm)			Hoistway size (mm)		Top height (mm)	Pit depth (mm)	Max travelling height (m)
				Width	Depth	Height	Width	Depth			
260kg	0.3m/s	Hand-pulled	700×2100	900	850	2200	1200	1000	3800	300	≤12000

Note:Only for reference,final manufacture please follow contract.