ZEN ELEVATOR CO.,LTD.

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ZEN ELEVATOR CO.,LTD.
HOME ELEVATOR

ZEN

COMPANY INTRODUCTION

ZEN ELEVATOR was inspired by the wisdom of the ZEN masters with more than 20 years professional industry experience , blending oriental philosophy with smart technology to create a seamless and harmonious vertical transportation experience.

The name 'ZEN' embodies its core values: 'Z' for Zenith, representing the brand's pursuit of excellence; 'E' for Equilibrium, symbolizing balance and smooth operation; and 'N' for Nirvana, reflecting the goal of peaceful ride. Rooted in simplicity, reliability, and innovation, ZEN Elevator redefines modern mobility, delivering technology that moves with both safety and peace.

ZEN ELEVATOR as the group elevator brand of leading OEM solution for the big brands with the comprehensive ability to provide the design and manufacture of complete elevator, escalator, moving walk as well as the main parts and modernization solutions.
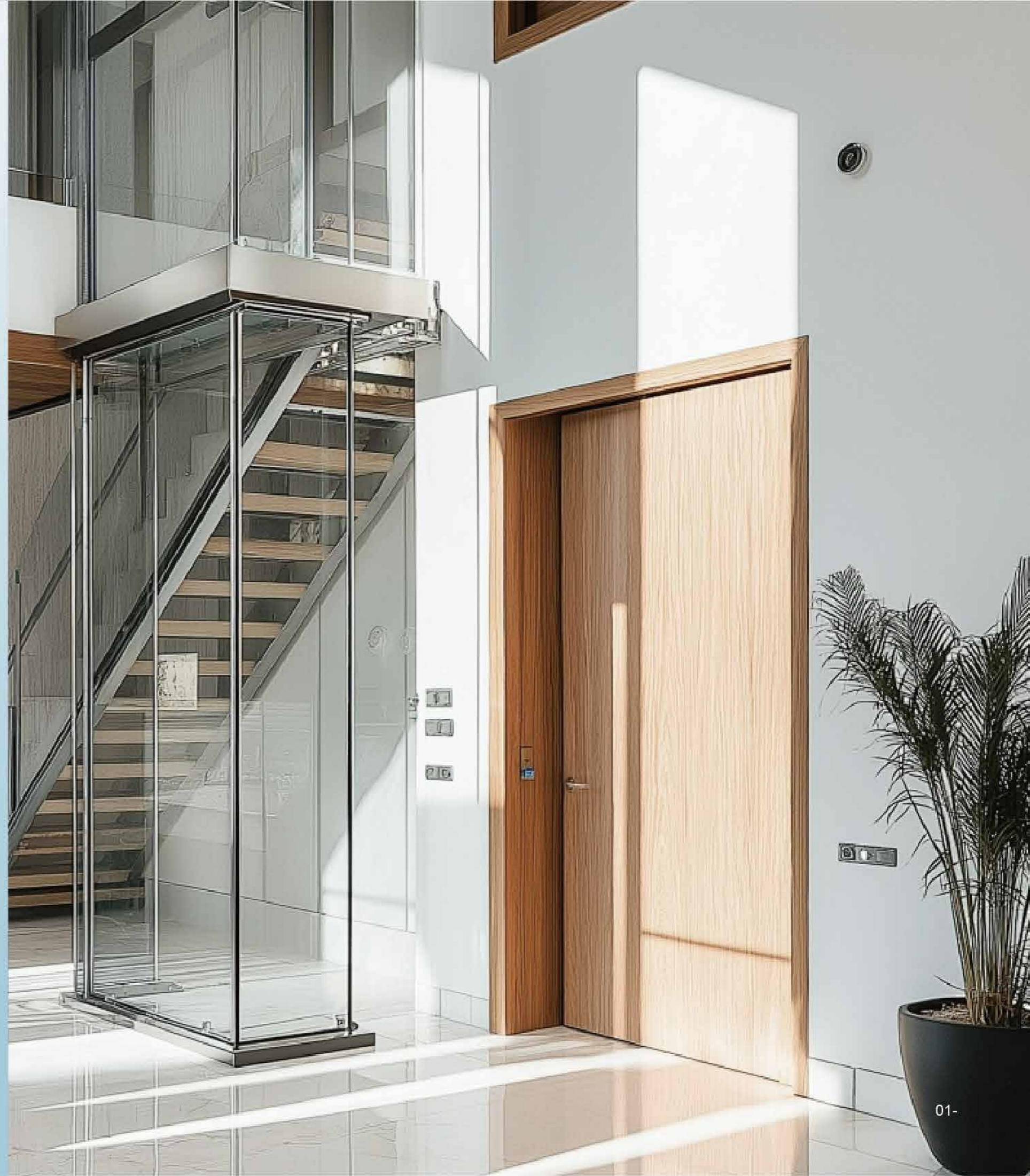
OPEN STATE OF MIND
ELEGANT LIFE STYLE

ZEN brand,
We specialize in creating high-end home elevators.
Born noble, excellent quality sets an example; Cleverly crafting the beauty of every inch, infusing the charm of technology.
ZEN Home Elevator
Redefine the quality of villa life.

SECURE AND ECO HOME

Disc dual brake design system, for operational faults
Security protection without any leakage (standard)

Faced with power outages
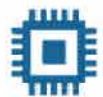Emergency rescue will never trap anyone (optional function)

Faced with sudden fire incidents
One click response of fire switch (optional function)

Facing entry and exit safety
Authoritative authentication technology provides layered protection (standard)
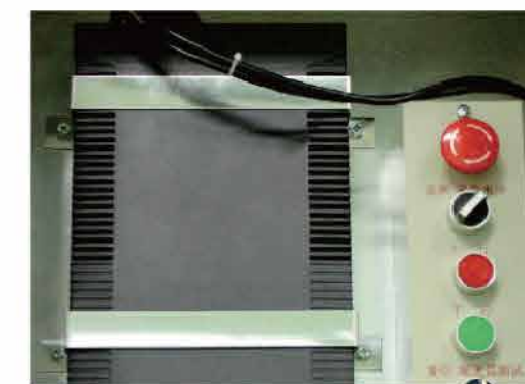
INTELLIGENT
HOME ENJOYMENT

Intelligent control(standard)

**Electric brake release
(standard function)**

**Automatic detection, intelligent warning
(optional function)**

**One click external communication, efficient interoperability
(optional function)**
The COP is equipped with a one key communication button, which can pre-set multiple sets of phone numbers. In case of emergency, personnel in the car can automatically call the preset number by pressing the button, and the contact person can be connected in the first time.

**Smart IoT, leading technology
(optional function)**

**Automatic repair, remote manage
(optional funciton)**

Silent contactor (standard)

ELEGANT LIFE HOME

Intelligent switching, creating energy-saving space (standard)

The energy-saving function of the car roof fan and car interior lighting automatically cuts off the car interior lighting and fan when there is still no operating command after the set time, making it more energy-efficient.

Green environment, Ideal low-carbon lifestyle

## Silent design, nurturing a harmonious atmosphere

## Diversified design, Unleashing the myriad possibilities of life

Starting from enhancing the user experience, home elevators offer door opening options such as side open, center open, and hand doors , which are suitable for various types of building structures.
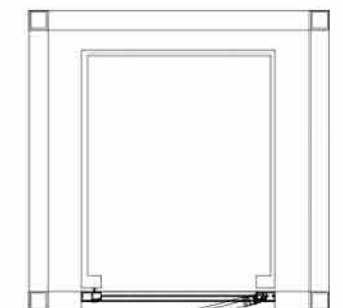
- Permanent magnet synchronous gearless traction machine, free from oil pollution, with an energy-saving rate of up to 409%;
- Car green automatic lighting system, capable of autonomously sensing the status of passengers inside the car and automatically adjusting LED lighting;
- The car air ventilation device continuously circulates and replaces the air inside the car, keeping the car air circulating and fresh at all times.
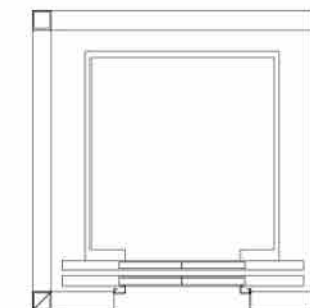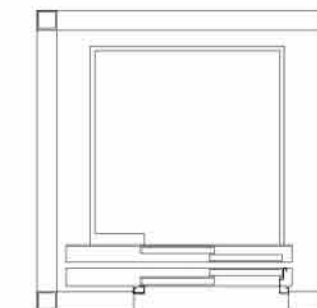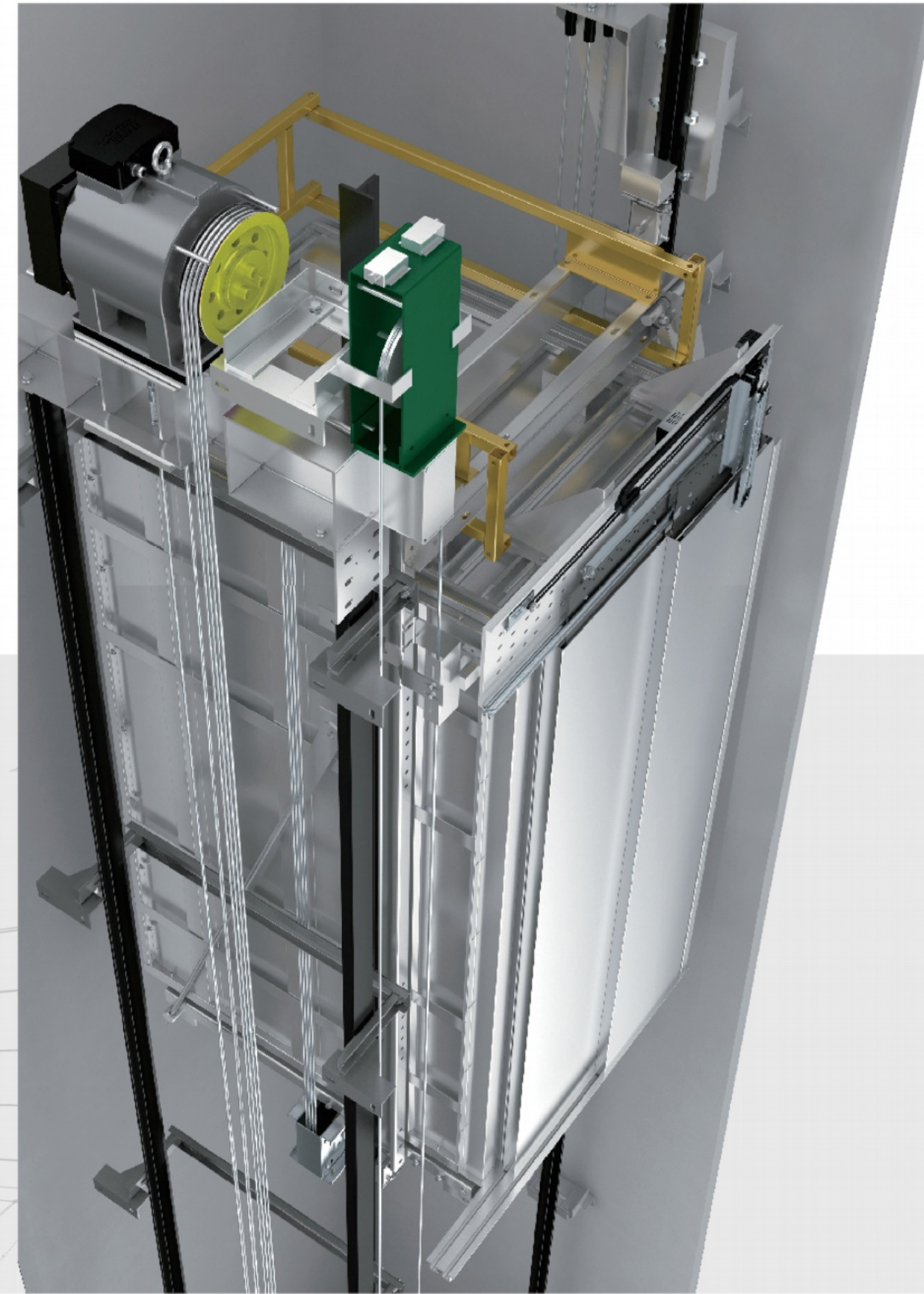
center open   side open   hand door

TRACTION
HOME ELEVATOR

Carefully consider the elevator needs of the whole family, young and old
Specially designed for intimate family life, with technical support from multiple aspects such as safety, comfort, health, and create a safer, lighter, and more enjoyable quality of life for family members。
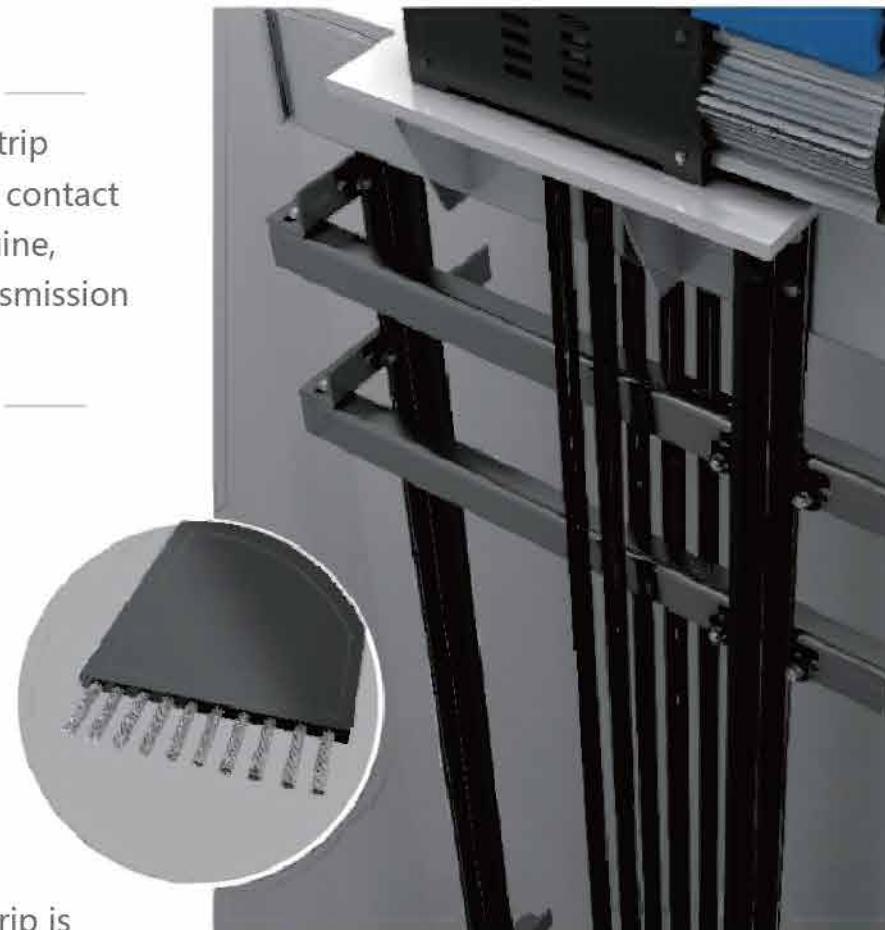
STEEL BELT
HOME ELEVATOR

Replacing traditional steel wire ropes with flat composite steel strips, comprehensively optimizing the overall structure of the machine, greatly reducing the demand for top floor height and bottom pit depth, achieving flexible entry and installation, and saving more building space for users.

寿命延长
2-3倍

体积缩小
70%

Efficient

The flat composite steel strip significantly increases the contact surface with the main engine, effectively improving transmission efficiency.

Durable

Compared with traditional steel wire ropes, the service life is extended by 2-3 times.

Quiet

The surface of the steel strip is coated with polyurethane enzyme technology to enhance smooth operation and reduce noise.

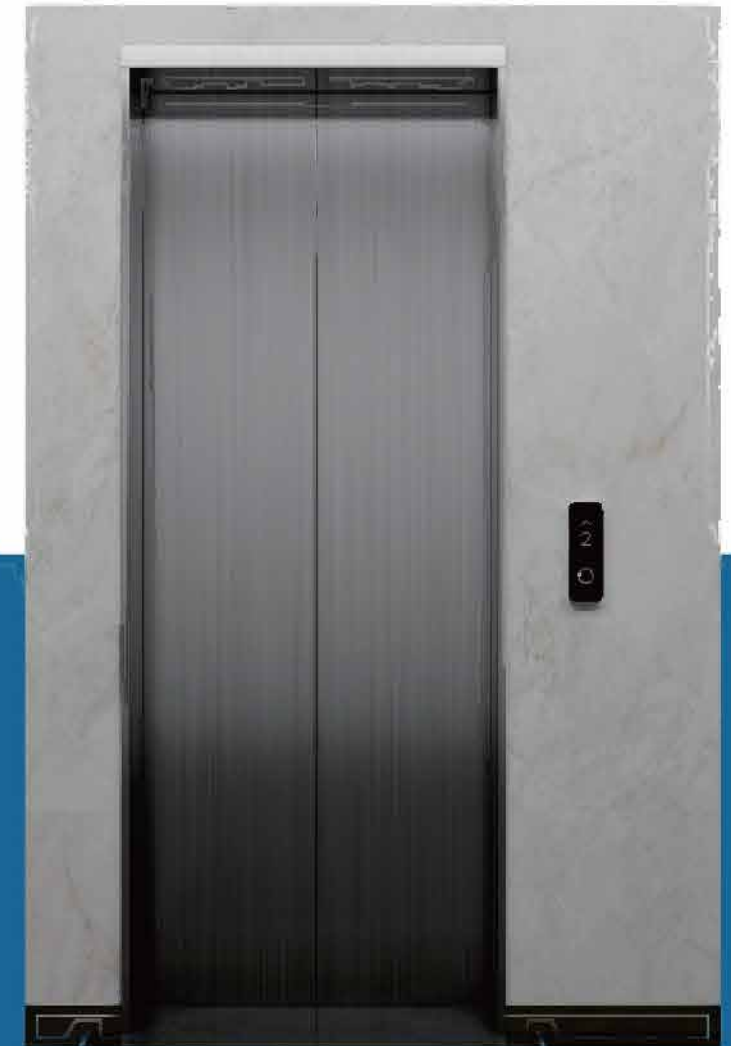## Deftly

Compact optimization of the host, reducing its size by 70% compared to traditional hosts, enhancing space value.

CAR DECORATION

Standard

ZEN-2402

Ceiling: Hairline stainless steel with flat lamp

Rear wall: Hairline stainless steel

Side wall: Hairline stainless steel

Front wall: Hairline stainless steel

Car door : Hairlline stainless steel

Floor : PVC

CAR DECORATION

Optional
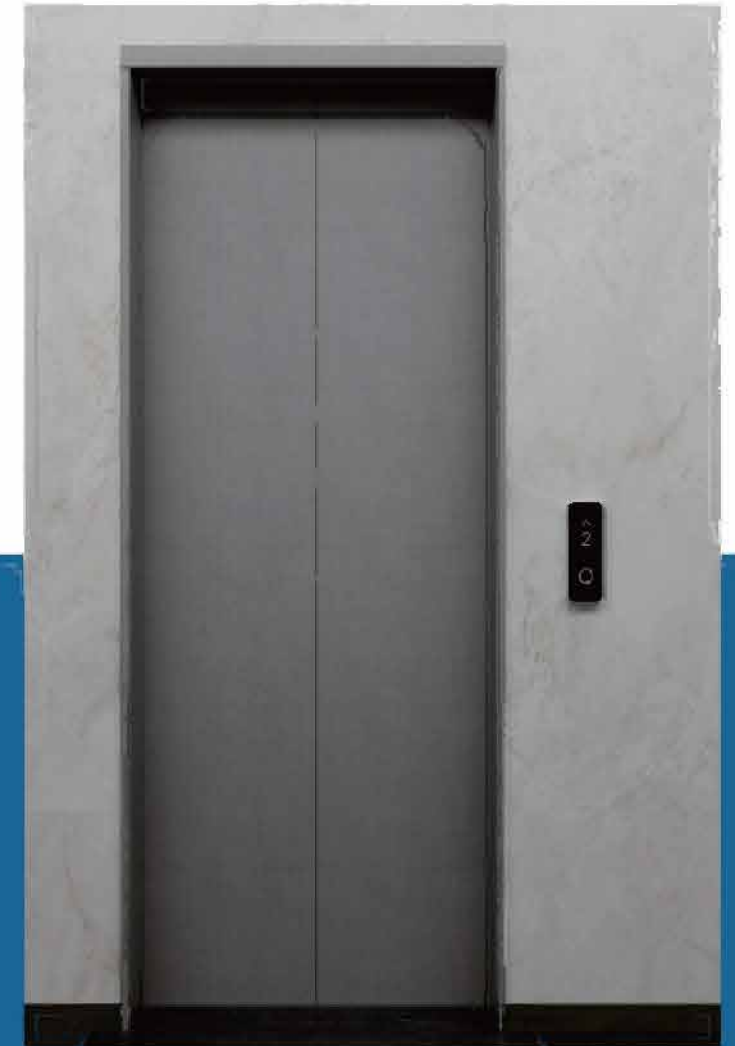
ZEN-2403

Ceiling: White spray-painted steelwith strip lamp
Rear wall: Both sides Laminated steel VS004 with middle Laminated
        steel VS006 with Black Titanium trim and LED lamp
Side wall: Coated with film VS004 and Black Titanium trim
Front wall: Laminated steel VS006
Car door : Laminated steel VS006
Floor : PVC

CAR DECORATION

ZEN-2404

Ceiling: Mirror stainless steel with LED lights
Rear wall: Laminated steel MH002+ Mirror stainless steel
Side wall: Laminated steel MH002+ Mirror stainless steel
Front wall: Mirror stainless steel
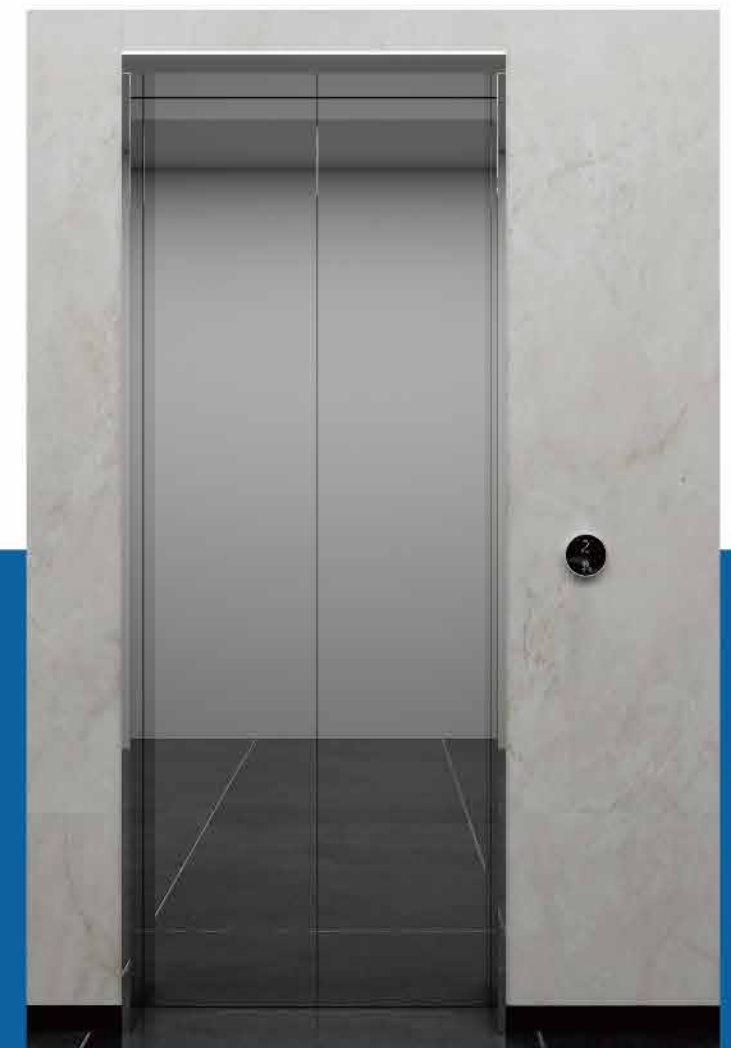Car door : Mirror stainless steel
Floor : PVC

CAR DECORATION

ZEN-2405

Ceiling: Mirror stainless steel with LED lights
Rear wall: Laminated steel SP039 with Mirror stainless steel
Side wall: Laminated steel SP039 with Mirror stainless steel
Front wall: Mirror stainless steel
Car door : Mirror stainless steel
Floor : PVC

CAR DECORATION

ZEN-2408

Ceiling: Mirror stainless steel with hidden light
Rear wall: Laminated steel SG070, bronze frame with
          Etched mirror stainless stee and hidden light
Side wall: Laminated steel SG070
Front wall: Laminated steel SG030
Car door : Laminated steel SG030
Floor : PVC

CAR DECORATION
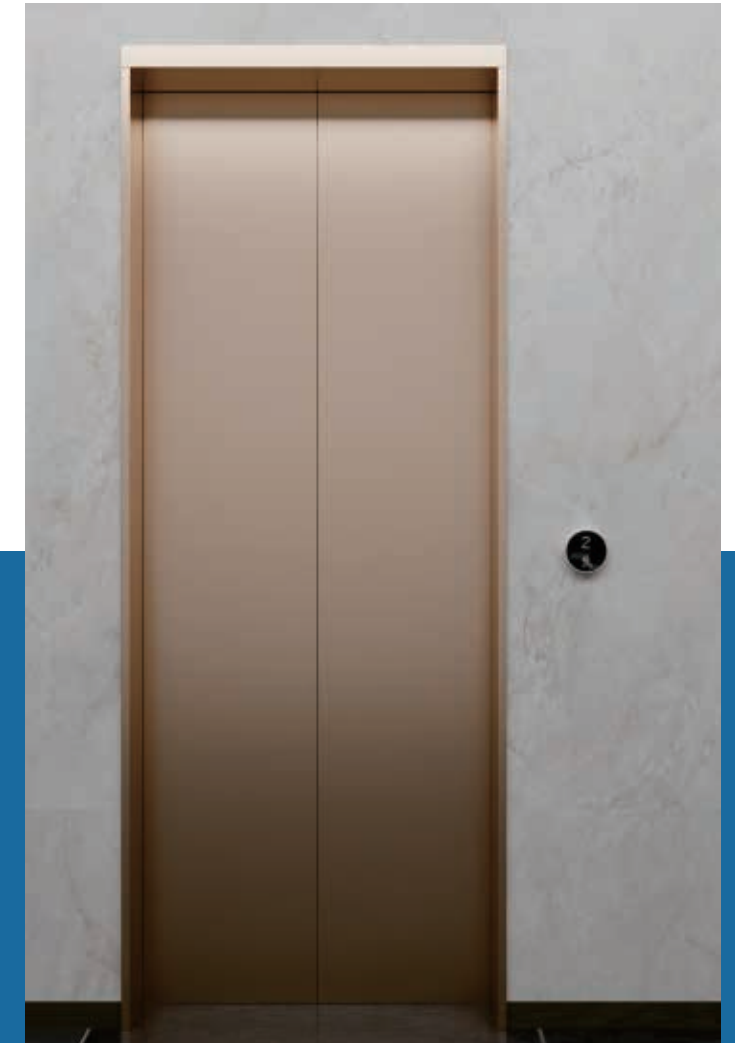
ZEN-2409

Ceiling: Laminated steel SG030 with Rose Gold apple sand and LED light
Back wall: Laminated steel SG030 and Rose gold decorative strip
Side wall: Laminated steel SG030 and Mirror stainless steel
Front wall: Rose Gold apple sand
Car door : Rose Gold apple sand
Floor : PVC

CAR DECORATION

ZEN-2410

Ceiling: Apple Sand stainless steel with mirror trim and LED lights , LED spotlights

Rear wall: Craft steel TX047 with Black Titanium apple sand stainless steel , Apple sand trim and Apple sand handrail

Side wall: Craft steel TX047,Black Titanium apple sand stainless steel and Apple sand trim

Front wall: Black titanium apple sand stainless steel

Car door : Black titanium apple sand stainless steel

Floor : PVC

CAR DECORATION
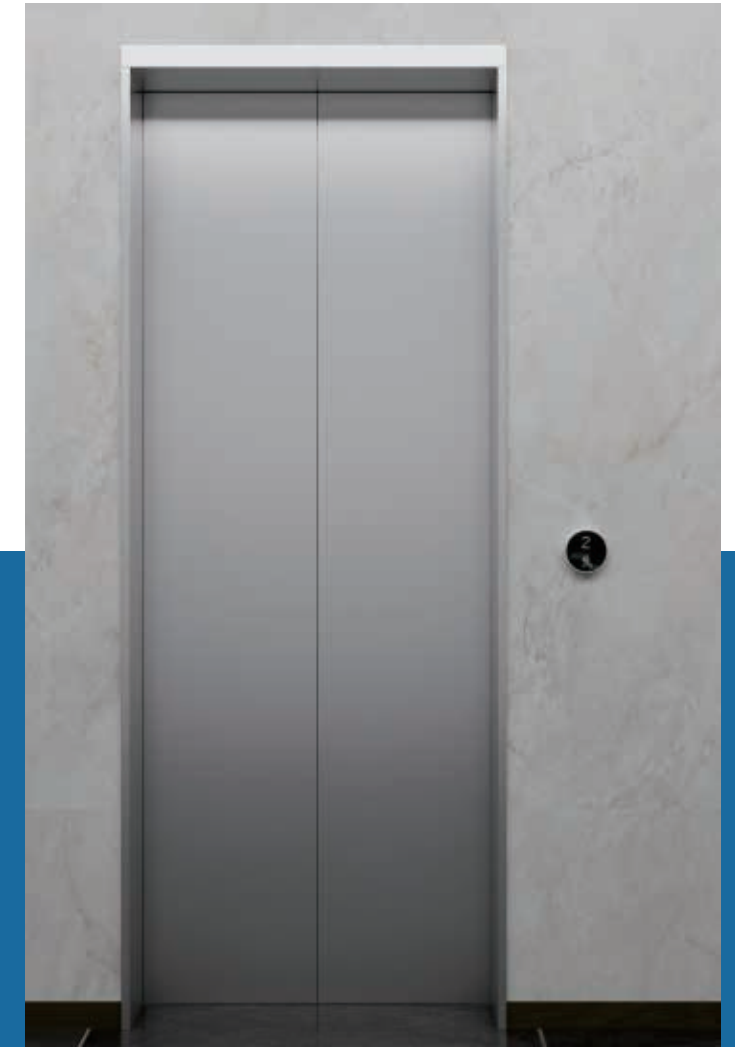
ZEN-2411

Ceiling: Apple sand stainless steel with mirror trim ,LED lights and LED spotlights
Rear wall: Mirror stainless steel,apple sand stainless steel, Black Titanium mirror
        trim and Black Titanium Mirror handrail
Side wall: Mirror stainless steel withApple sand stainless steel and Black Titanium
        mirror trim
Front wall: Apple sand stainless steel
Car door : Apple sand stainless steel
Floor : PVC

CAR DECORATION
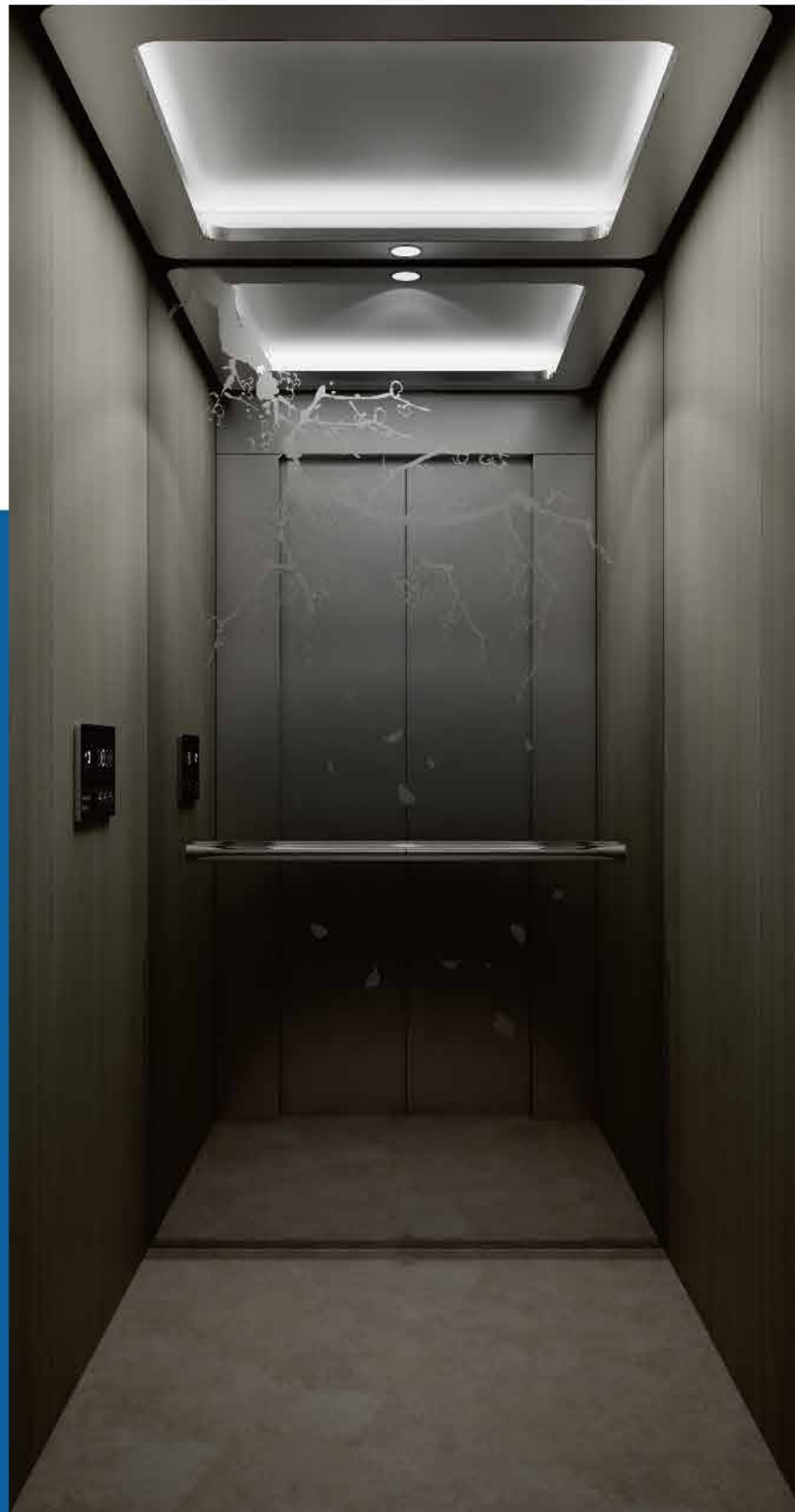
ZEN-2413

Ceiling: Apple sand stainless steel withMirror stainless steel trim,
　　　LED lights and LED spotlights
Back wall: Etched Mirror stainless steel and Mirror handrail
Side wall: Laminated steel WC031
Front wall: Apple sand stainless steel
Car door : Apple sand stainless steel
Floor : PVC

ELEVATOR DECORATION

COP

VCOP-05
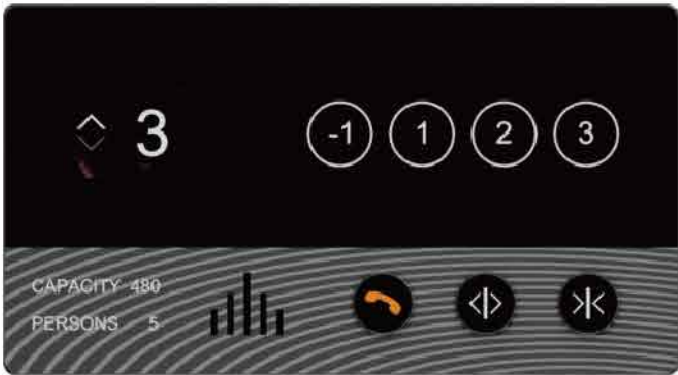
TCOP-03

SFTC-T10.01-KA

LOP/Handrail

LOP

BSGP250-83

LOP312 R78

Handrail (optional)

Hairline stainless steel

Champagne stainless steel

Mirror stainless steel

With two sids Mirror stainless steel and Wooden in the middle

Champagne Mirror stainless steel

Note: There may be slight discrepancies between the sample photos and the actual product, and the actual product shall prevail.

SHAFT/HAND DOOR

With Shaft

Home lift can be selected from steel structure and aluminum to adapt to more installation environments.

There are four colors to choose from for aluminum shaft,

For other optional colors, please consult the business department:

Champagne color

Light Gold

Rose Gold

Black

Hand Door

Customers can choose according to their preferences or in situations where there

are limitations on the size of the shaft, Choose to use hand pulled doors.

SM001
Champagne

SM002
Light Gold

SM003
Rose Gold

SM004
Black
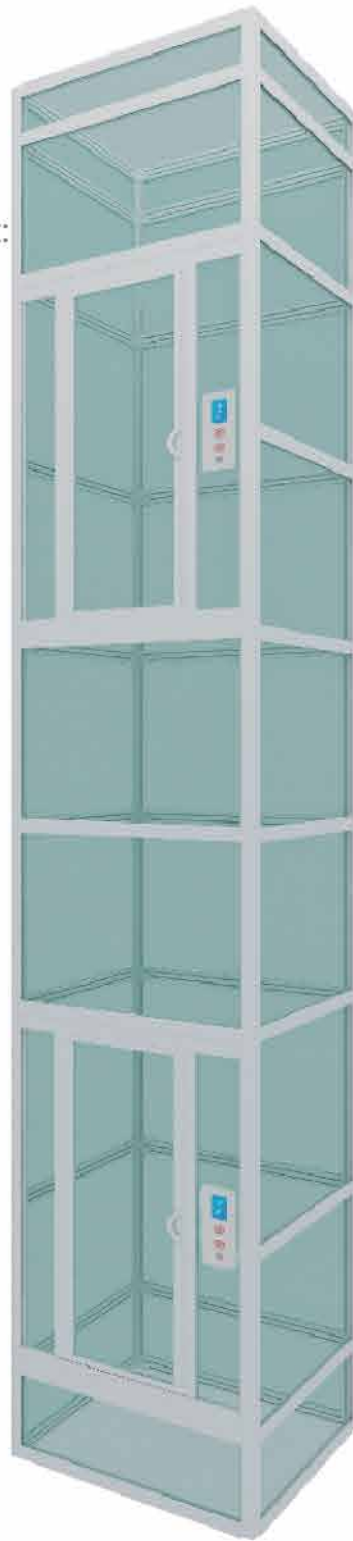
Aluminum shaft frame render

LANDING DOOR

Hairline stainless steel

Special material TX009

Mirror stainless steel

Rose gold apple sand

Special material TX010

Wood grain film WC070

Titanium apple sand

Champagne gold apple sand

Apple sand stainless steel

Ceiling

Optional ceiling

D001

D002

D003

D004

D005

D006

D007

D008

Material

WC031
Cloth pattern

VS006
Cloth pattern

VS004
Cloth pattern

SG070
Wood grain

MH002
Metal cross

SP039
Metal Hairline

SG030
White

MH005
Black Hairline

Apple sand
stainless steel

Rose gold apple
sand stainless stee

PVC Floor(Optional rock slab or marble)

Traction Type Layout

Traction elevation view
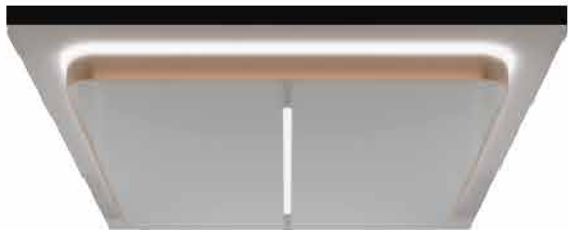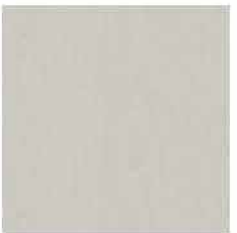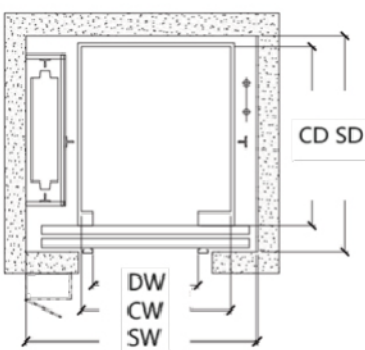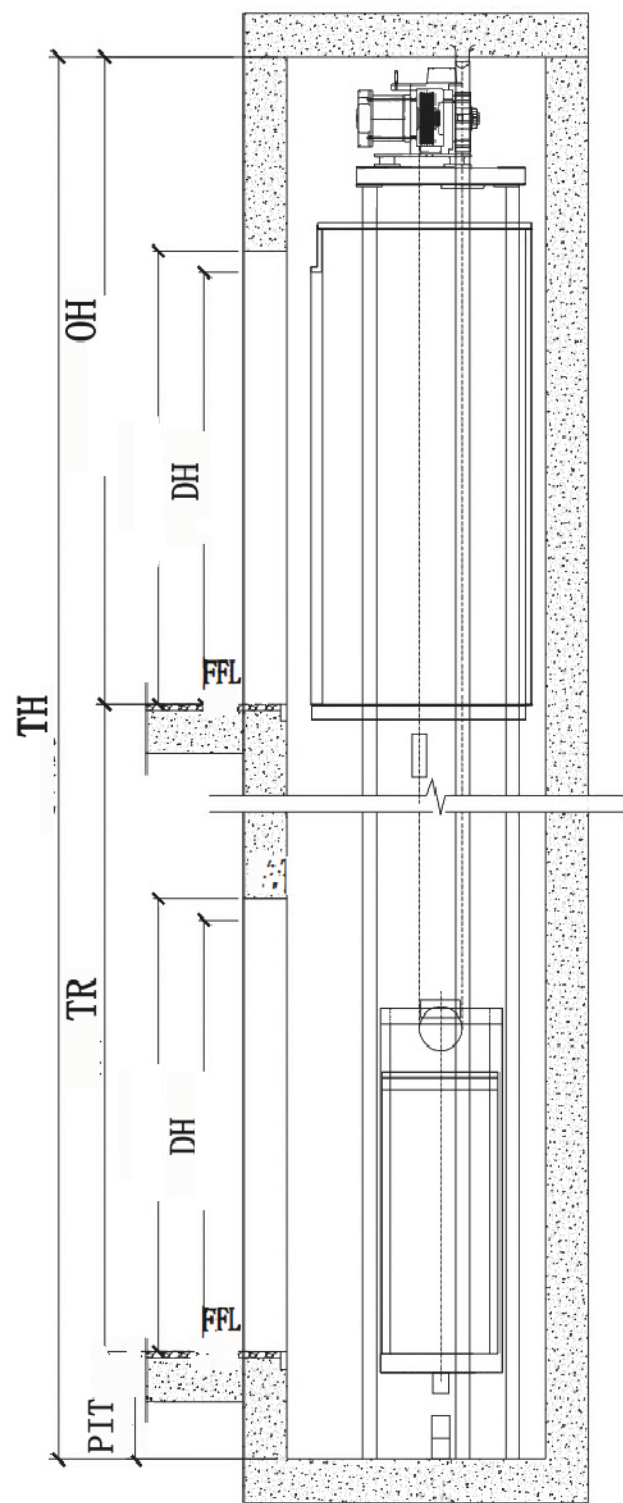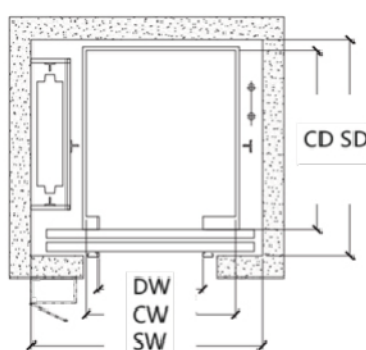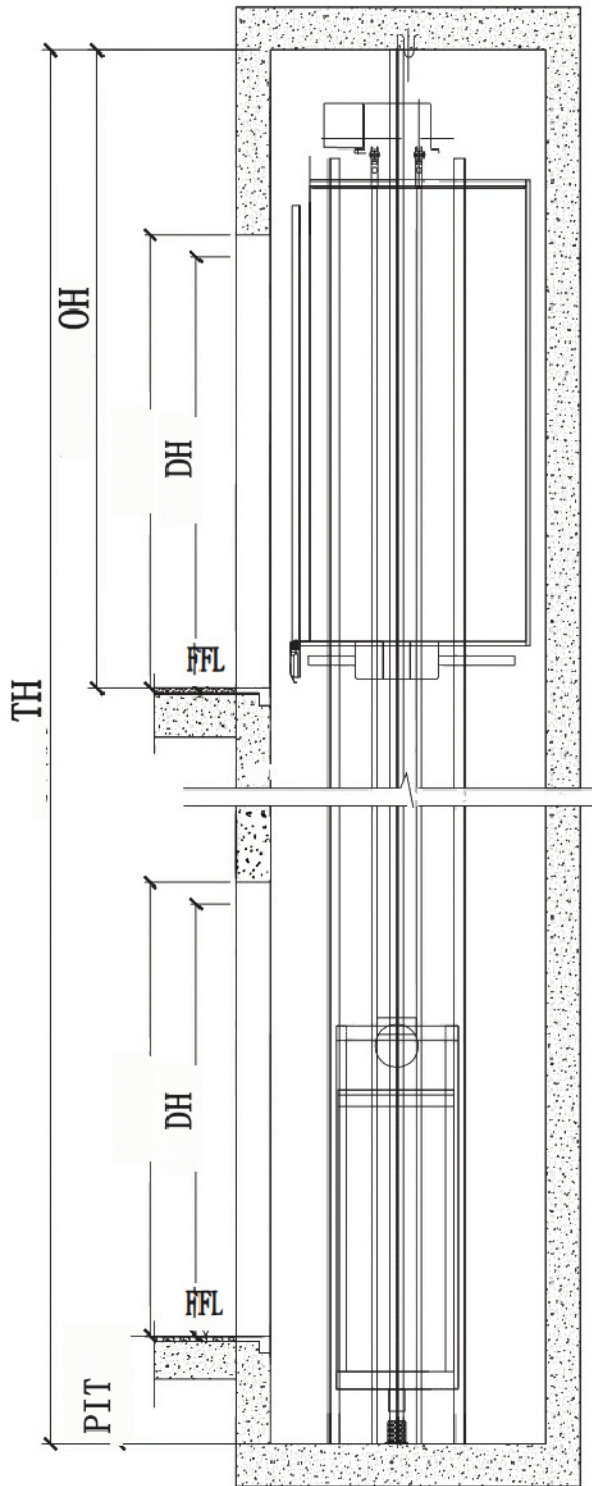

Traction Plan

Traction type lift (counterweight side placement)

Centre opening door			
Rated load capacity (kg)	260	320	400
Car size (width X depth mm)	800×1000	900×1100	1000×1200
Door opening size (width X depth mm)	600×2000	650×2000	700×2000
Net dimensions of the shaft (width X depth mm)	1350×1250	1450×1350	1550×1450
Side opening door			
Rated load capacity (kg)	260	320	400
Car size (width X depth mm)	800×1000	900×1100	1000×1200
Door opening size (width X depth mm)	700×2000	750×2000	800×2000
Net dimensions of the shaft (width X depth mm)	1350×1330	1450×1430	1550×1530
Hand pulled door			
Rated load capacity (kg)	260	320	400
Car size (width X depth mm)	800×1000	900×1100	1000×1200
Door opening size (width X depth mm)	700×2000	750×2000	800×2000
Net dimensions of the shaft (width X depth mm)	1350×1100	1450×1200	1550×1300
Shaft parameters	Traction type car roof wheel	Traction type car bottom wheel	
Top height (mm)	≥3100	≥2750	
Pit depth (mm)	≥150	≥300	
Car height (mm)	2200	2200	

Note: The height of the elevator car is the height of a single-layer roof. If there is a suspended ceiling, the net height of the elevator car needs to be subtracted from the ceiling height!

Belt Type Layout

Steel belt elevation view

Steel belt plan

Steel belt type lift (counterweight side placement)

Centre opening door			
Rated load capacity (kg)	260	320	400
Car size (width X depth mm)	800×1000	900×1100	1000×1200
Door opening size (width X depth mm)	650×2000	700×2000	750×2000
Net dimensions of the shaft (width X depth mm)	1400×1250	1500×1350	1600×1450
Side opening door			
Rated load capacity (kg)	260	320	400
Car size (width X depth mm)	800×1000	900×1100	1000×1200
Door opening size (width X depth mm)	700×2000	750×2000	800×2000
Net dimensions of the shaft (width X depth mm)	1400×1250	1500×1350	1600×1450
Hand pulled door			
Rated load capacity (kg)	260	320	400
Car size (width X depth mm)	800×1000	900×1100	1000×1200
Door opening size (width X depth mm)	700×2000	750×2000	800×2000
Net dimensions of the shaft (width X depth mm)	1400×1100	1500×1200	1600×1300
Shaft parameters			
Top height (mm)		≥2700	
Pit depth (mm)		≥300	
Car height (mm)		2200	

Note: The height of the elevator car is the height of a single-layer roof. If there is a suspended ceiling, the net height of the elevator car needs to be subtracted from the ceiling height!

Elevator function

NO	Function	Description
1	Complete selection function	Automatic operation or driver status, during the operation of the elevator, it responds to both internal calls and external call button signals, providing any service.Passengers on the floor can call the elevator by registering for up and down call signals.
2	Floor display settings	The system allows for the use of any combination of numbers and letters in each layer, making it convenient for special situations.
3	Idle return to base station function	In automatic operation mode, if there are no internal commands or floor calls after the set time, the elevator will automatically return to the designated parking station to wait for passengers.
4	Light curtain signal self diagnosis	When there is something blocking the middle of the door during the closing process, the light curtain protection will activate, and the elevator will turn to open the door, but the light curtain protection will not work during firefighting operations.
5	Low speed self rescue function	When the elevator is in a non maintenance state and not stopped in the leveling area, as long as it meets the safety requirements for operation, the elevator will automatically run at a slow speed Go to the flat area and then open the door.
6	Fault data recording	The system can automatically record detailed information when faults occur, improving maintenance efficiency.
7	Repeat door closing function	After the elevator has been continuously closed for a period of time, if the door lock has not been closed, the elevator will automatically open the door and then repeat the closing process.
8	Door opening time setting	The system automatically identifies different states such as summoning door opening, command door opening, door protection door opening, delayed door opening, etc. according to the set time Maintain the opening time.
9	Overload protection function	When the load inside the elevator exceeds the rated load, the elevator will sound an alarm, not close the door, and stop running.
10	Car lighting and energy-saving fans	When the set time is exceeded and there is still no operation command in the car, the power supply for lighting, fans, etc. in the car will be automatically cut off.
11	Elevator locking function	In automatic operation mode, when the lock switch is activated or the set lock time is reached, the elevator responds to all internal calls and returns to the lock base station, Stop the automatic operation of the elevator, turn off the lighting and fans inside the car.
12	VIP service function	Priority direct access to VIP destination floors, providing VIP services for special individuals.
13	Error command deletion function	For in car elevator calls, passengers can cancel incorrectly registered commands by continuously pressing the command button twice.
14	Car prohibition function	Real time monitoring of elevator operation status, if overspeed occurs, immediately stop running and brake the elevator.
15	Prioritize personnel function	The integrated control system automatically classifies the types of faults, and prioritizes returning to the leveling floor to open the door and release personnel if they meet the conditions for safe operation.
16	Electric brake release	In the event of an elevator malfunction, the main brake can be opened by pressing the release button, allowing the elevator to level at low speed for rescue.

NO	Function	Description
1	Silent contactor	Using silent contactors to ensure that the sound of elevator operation is minimized, and the control cabinet layout is located close to the bedroom or where customers are sensitive to sound It is recommended to choose the appropriate option.
2	firemans switch board	In case of a sudden fire, press the fire switch and the elevator will automatically return to the pre-set floor.
3	Arrival bell	After the elevator reaches the designated floor according to the passenger's request, a prompt sound will be emitted.
4	Voice station announcement	During the operation of the elevator, it automatically reports the direction of travel and the upcoming floor to passengers.
5	IC card function	Passengers must hold a card to reach floors that require authorization to enter.
6	Push-to-talk	Press the one key distress button on the control panel to connect the designated contact person through an external phone line, soothing the trapped person in the car and accelerating rescue efforts Personnel response time. A telephone line needs to be reserved on site to the control cabinet (to be borne by the owner).
7	Power outage rescue function	Built in emergency power supply, the system activates the emergency power supply for low-speed self rescue in case of power outage.