



Hydraulic Machine Room Less



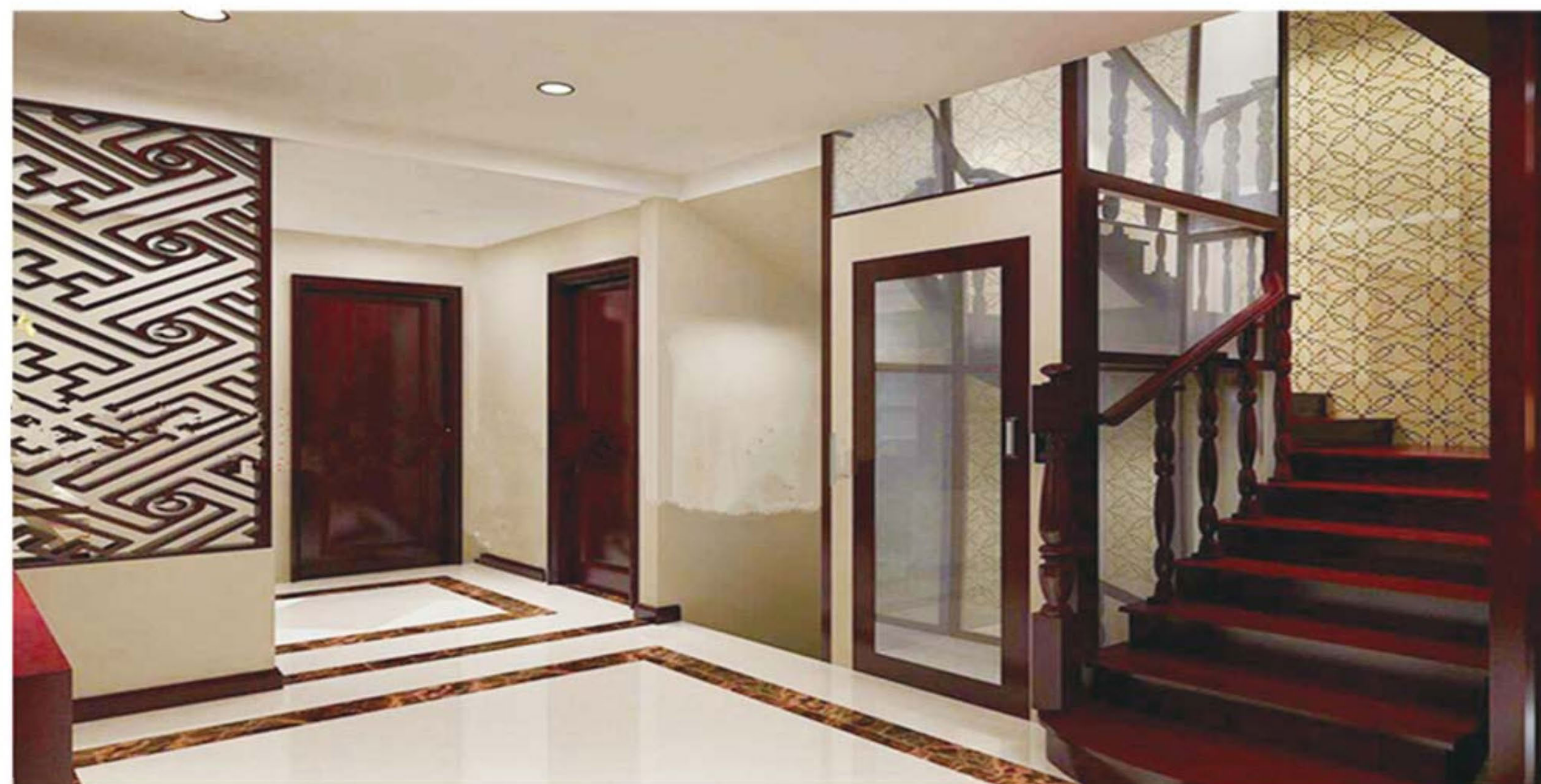
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Intelligent Hydraulic Home Lift

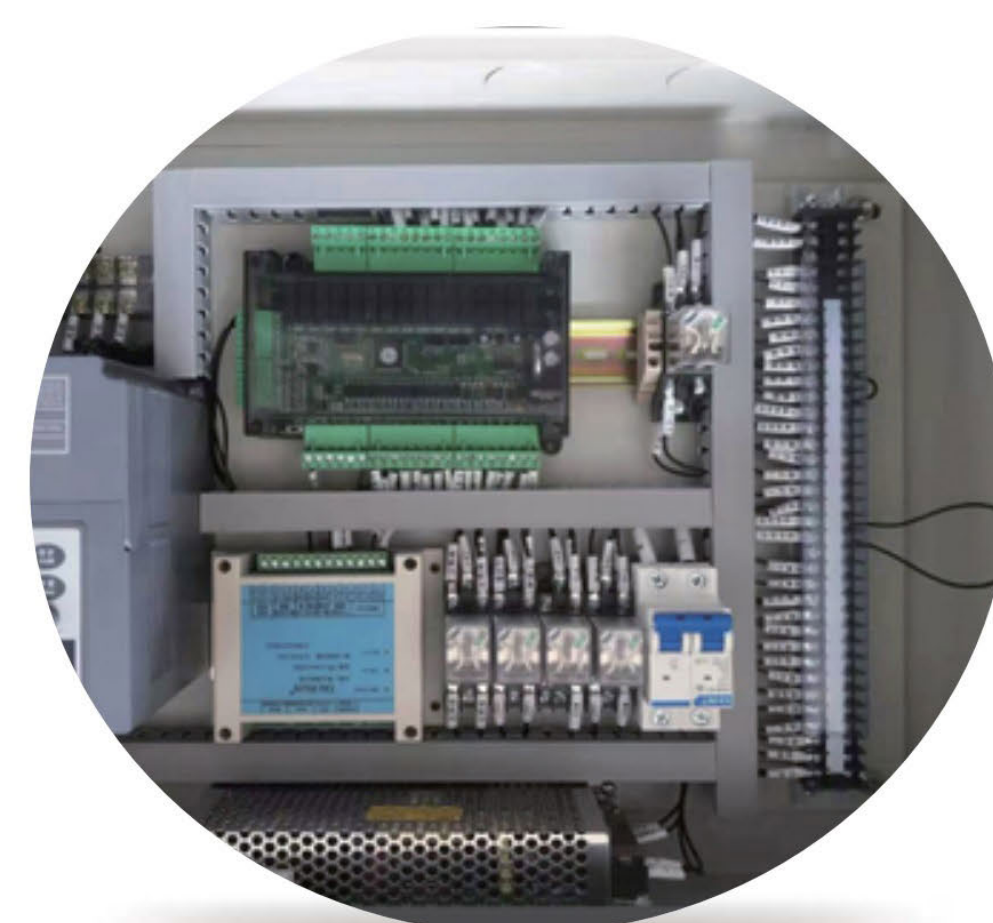
Multiple security mechanisms/provide strong backing



This product adopts hydraulic pump station and oil cylinder driving mode, with silent hydraulic pump station, light curtain protection, strong magnetic lock protection of landing door, and special T-shaped guide rail, it ensures stable operation, no frustration in lifting and strong riding comfort.

Protection devices to eliminate potential safety hazards

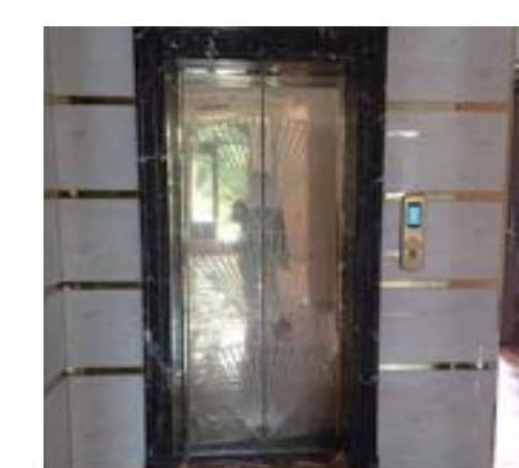
1. Leveling protection
2. Top protection
3. Light curtain protection
4. Safety touch panel
5. Oil circuit protection
6. Safety rope protection
7. Strong magnetic lock protection
8. UPS Emergency Landing



Specially Customized for You

Comfortable experience maximize your home lift enjoyment

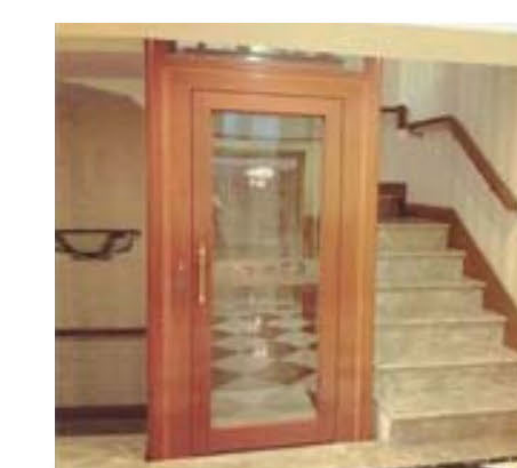
A variety of door options for selection according to requirements of the client and applying circumstance.



Center open



Side open



Swing door

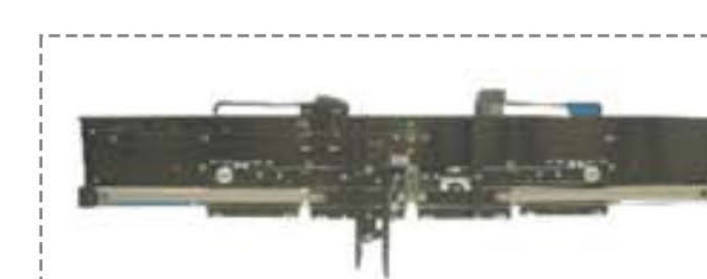


Folding door



Anti-collision at the bottom guarding the safety of riders

The bottom platform of the home lift is designed as a safety edge, which will stop the lift from running immediately as it encounters any obstacles.



Cutting-edge door system

Adopting advanced VVVF door system to ensure free adjustment of door opening and closing speed, thus ensures balance of the system and running stability.



Automatic release device for accidental power failure

In order to prevent people from being shut down by accidental power failure, ARD can be applied to ensure that in case of sudden power failure, there is still enough power to safely deliver passengers to the nearest floor.



Automatic lighting system avoids energy consumption

Equipped with automatic lighting function, the lighting in the car will be automatically turned off when not used, and automatically turned on after receiving any call command, which fully saves power consumption and effectively reduces your living cost.



Intelligent control system

Adopting a fully computerized integrated intelligent control system.
A highly integrated and intelligent computerized control system ensures faster data processing and more complete functions for the home lift.

MINI All-in-one Control Cabinet (optional)

1. Exquisite integration

Highly integrated, the volume of the control cabinet is only 30% of that of traditional control cabinets; Exquisite in shape, installation is not limited to any particular style, and it naturally blends with the architectural and home decoration styles.

2. Quiet Direct Access

Contactless application and fanless design effectively control noise under 40 decibels.

3. Comfortable experience

High performance driving platform, innovative algorithms, completely solve the problem of elevator startup and operation discomfort.

4. Safe and worry free

TUV/Sil3 certified; Adhere to original "5S" design concept: Small, Silence, Save, Safe, Smart; It has multiple security guarantees such as intelligent automatic rescue, power outage automatic rescue, and one click rescue.

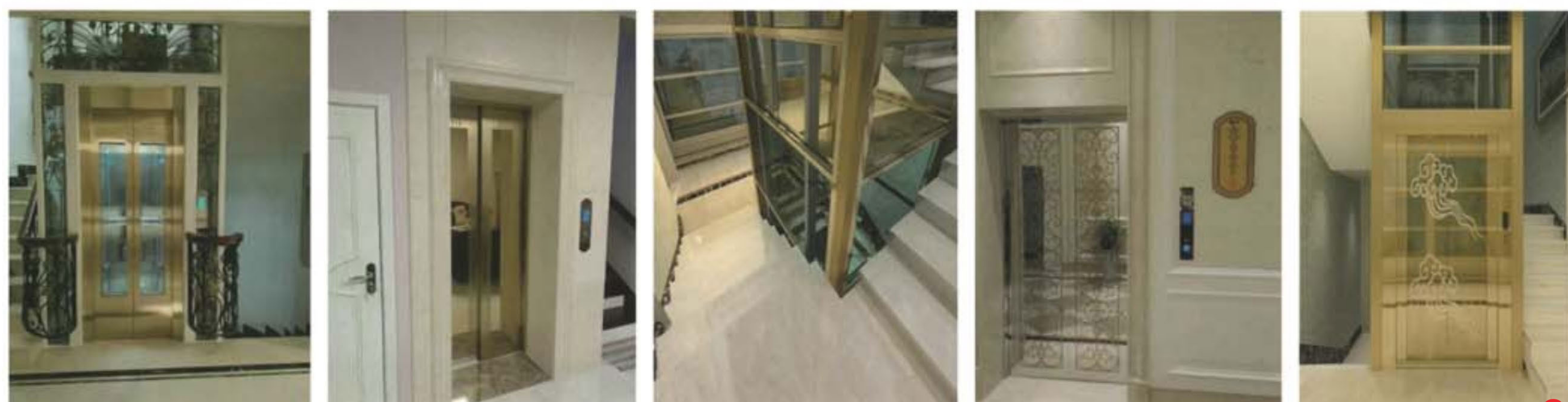


STEEL BELT TRACTION TYPE HOME LIFT

Product features and advantages:

1. Adopting PM synchronous steel belt traction machine, no need for refueling, maintenance free, more environmentally friendly, and more cost-effective;
2. Flexibility of the composite steel belt make transmission smoother and cause less noise; Wrapped with special materials, the steel wire core is protected from corrosion, making the steel belt more durable, safer, and having a longer service life and reducing the risk of breakage compared with traditional steel wire rope;
3. Avoid wear and tear on metal traction sheave. Friction and groove noise between steel belt and metal pulleys is also reduced.

Cross section of traction steel belt



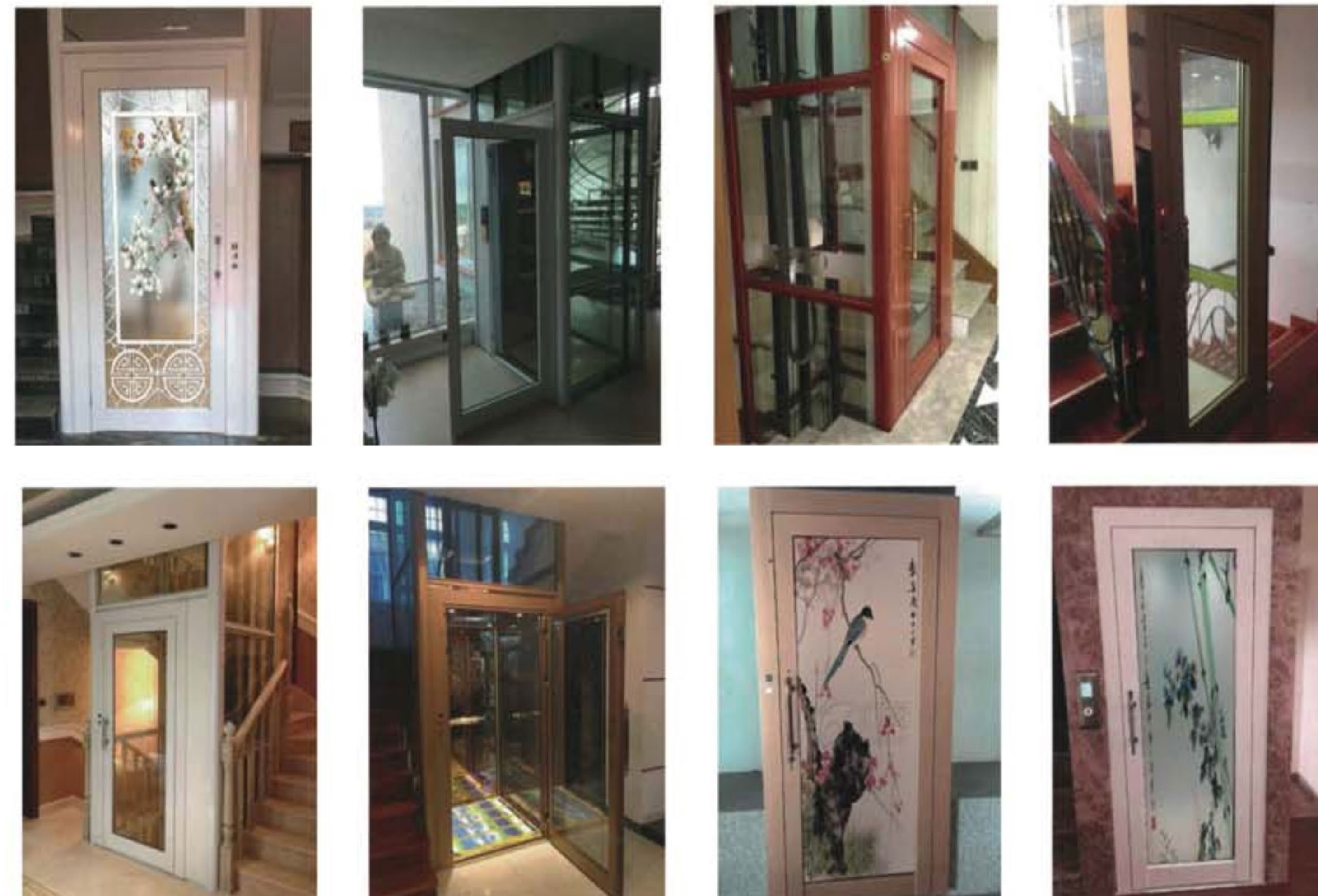
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COMPACT FRAME INTEGRATED VILLA ELEVATOR

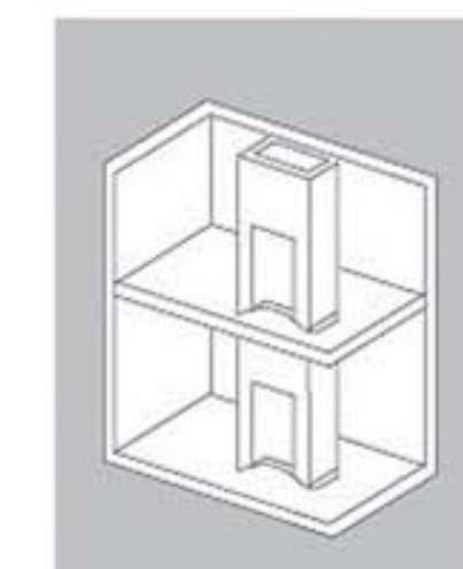
Product features and advantages

1. It can be equipped with a panoramic integrated frame shaft, which is safe and aesthetically pleasing, and does not require a special civil shaft, and occupies a smaller floor area;
2. Lower requirements for the top floor and pit, having obvious advantages in space utilization.
3. The optimized structure of the new backpack frame is safe and reliable, solving the problems of unilateral stress on the backpack elevator car, easy deformation of the divert pulley, breakage of the divert pulley bearing, high noise, poor comfort, and potential safety hazards;
4. Automatic personnel release device ensures that in the event of a sudden power outage, the elevator still has sufficient power to transport passengers to the nearest floor;
5. Optional telecom, simply press a button in the car to get in touch with family or elevator managers.
6. Equipped with manual door with a low failure rate and lower maintenance costs;
7. Adopting Germany composite steel belt, which has undergone millions of bending and tensile tests, ensures flexible transmission and smooth operation.
8. Adopting PM synchronous gearless traction machine, requires no refueling; maintenance free, green and environmentally friendly;
9. Adopting top-class steel belt motor bearing and block brake with good concentricity and higher safety;
10. Strong anti-interference performance. The safe operation of the elevator will not be affected by any household electrical appliance.

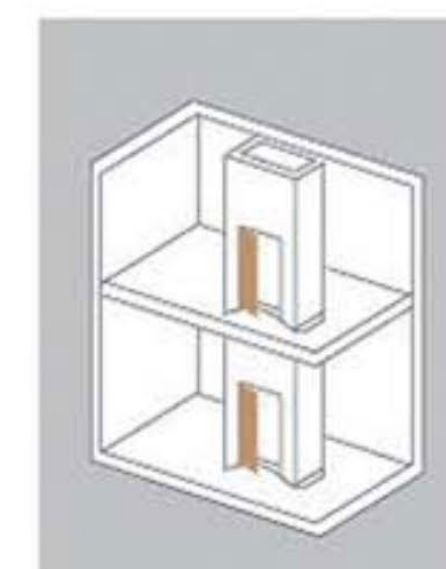
CLASSIC PROJECTS



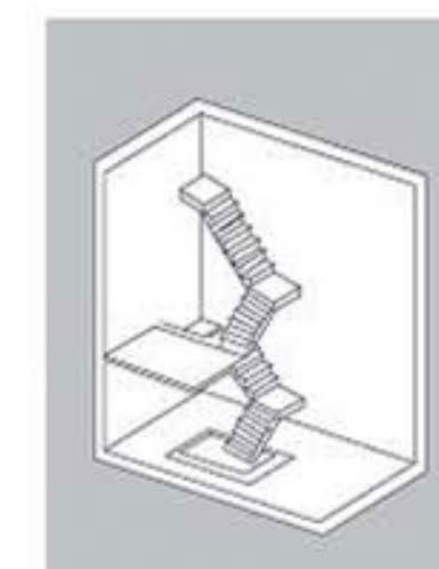
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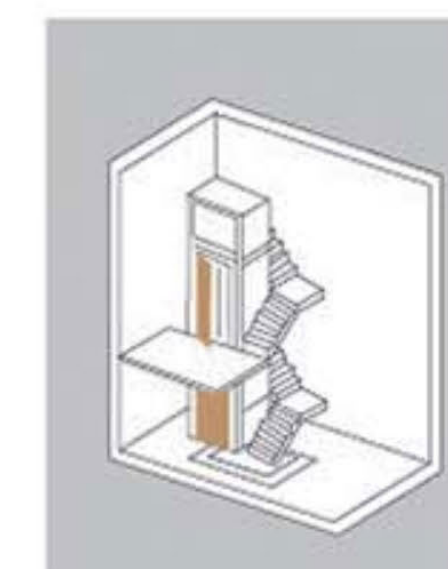
- 1 There is an existing hoistway in the building.



- The home lift can be installed in the existing hoistway.

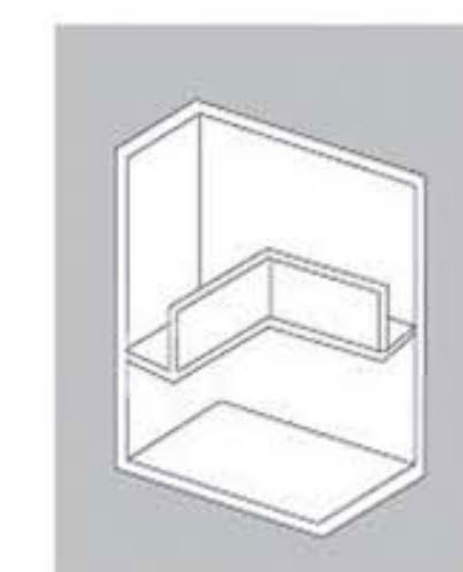


- 2 There is space in middle of the spiral stairs.

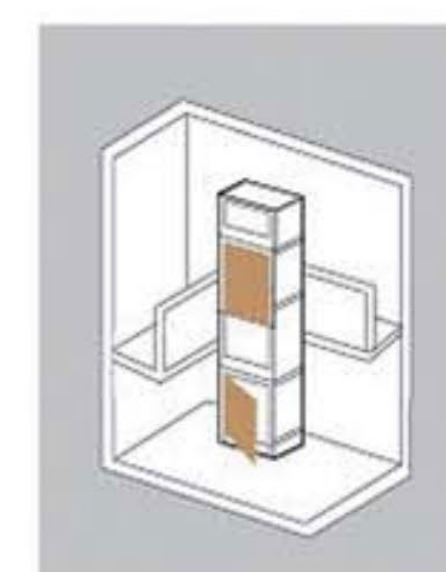


- A hoistway can be built to install the home lift.

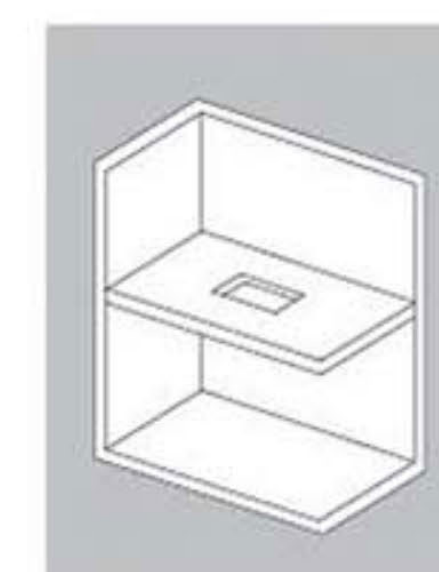
In cases of 2,3,4,5, client can build hoistway in advance using metal frame or concrete or other material.



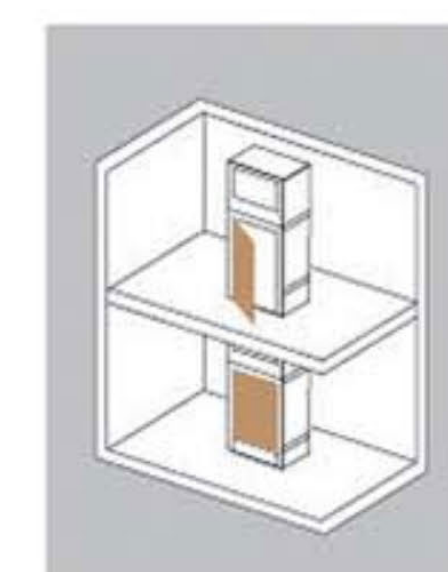
- 3 There is a double-height hall or living room.



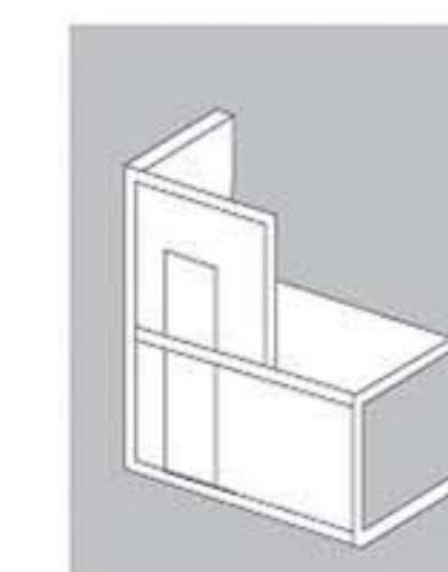
- Build a hoistway in the hall or living room to install the home lift.



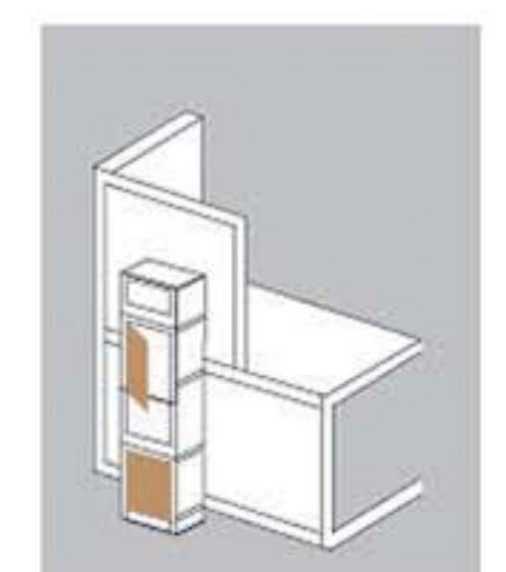
- 4 If there is no other space suitable, cut a hole in the floor.



- Build a hoistway through the hole to install the home lift.



- 5 There is no suitable space inside the building.



- Build an outdoor hoistway to install the home lift.

Work principle of home lift

When the home lift goes up, the hydraulic pump station provides the power pressure difference required, the valve group on the hydraulic pump station controls the flow of hydraulic oil, and the hydraulic oil pushes the piston in the middle column of the hydraulic cylinder, thus realizing the upward movement of the home lift; When the home lift descends, the valve group is opened, and the hydraulic oil is returned to the hydraulic oil tank by using the pressure difference caused by the self-weight of the car (the weight of the user), so as to realize the downward movement of the domestic elevator (the speed is controlled by the valve group).

Characteristics of home lift

1. Construction: It can be installed without hoistway or pit, resulting in high space utilization.
2. Technical performance: good safety, high reliability, strong stability and relatively fast speed. Big load capacity and low noise (the noise of mute pumping station is only 30 decibels).

Use and maintenance

1. Low failure rate: For direct-acting home lift, the structure is simple and the failure rate is low
2. Convenient rescue: When the home lift goes down, it is driven by the pressure generated by its own weight. Equipped with UPS, downward instructions can still be sent to the control system in case of power failure. The home lift can safely land to the ground floor;
3. Simple maintenance: The follow-up maintenance cost is low, and the hydraulic oil of the home lift can be changed every 1-2 years according to the frequency of use. Other maintenance steps are simple and easy to operate.

Application occasions home lift

1. Attic, villa, residential buildings, middle and low-rise houses, etc.;
2. Car elevators in garages and parking lots;
3. For old house renovation project that needs to add a home lift. With civil structure restrictions of the old household, home lift can be an optimal choice.



INTELLIGENT HYDRAULIC HOME LIFT FUNCTION TABLE

Control function

- Motor over heat protection
- Inverter over heat protection
- Leakage protection
- Process Protection
- Oil circuit fault protection
- Door obstruction protection
- Light curtain protection
- Safety loop protection
- Layer shift docking function
- Emergency descent in case of power outage

Informative function

- Access to cabin
- Door open button
- Light curtain protection
- Interior lighting
- Car top decoration
- Selective service floor
- Run Direction Display
- Car Location Display
- Call login display
- Floor Display

Specification

Load	300-1000kgs	No of floors	2-6 floors
Speed	0.1-0.15m/s	Door type	Manual/ automatic
Voltage	220V/380V	Door opening direction	center/ telescopic
Car dimensions	Customized	Door size	Customized

Minimum size (can meet at most two of the three conditions below)

- Shaft minimum size (W*D) 1100x1100
- Minimum overhead 2600
- Minimum pit depth 150

NO SHAFT SOLUTION PLAN



Steel structure section

Features of steel structure shaft

High cost- effectiveness;
The outer panel will be enclosed by the decoration unit in accordance with the design and style of the household;
Installation position can be optional;
Rust-proof flame plating treatment for finishing, corrosion resistant.

High-class flame plating steel structure frame



White



Black



Dazzling silver



Steel structure shaft



Aluminum alloy shaft



Circular structure shaft

Features of aluminum alloy shaft

Independent frame plus glass structure without additional construction cost;
Good transparency, in harmony with interior decoration;
Installation position can be optional;
Corrosion resistant ;
Long life cycle;
Adopting industrial grade aluminum alloy and laminated safety glass.

High-class flame plating aluminum alloy frame



White



Champagne gold



Dazzling silver



Rose gold



DOER-V01

Ceiling: Mirror stainless steel,
LED down light
Car wall: Hairline stainless steel
Floor: PVC



360全景展示



DOER-V02

Ceiling: Mirror stainless steel, LED
down light
(optional): Mirror stainless steel,
Acrylic, LED down light
Car wall: Hairline stainless steel,
Glass
Floor: PVC
Handrail (optional): Hairline stainless
steel round tube



360全景展示



DOER-V03

Ceiling: Mirror stainless steel,
LED down light
Car wall: Wood grain steel plate,
glass
Floor: PVC
Handrail (optional): Hairline
stainless steel round tube



360全景展示



DOER-V04

Ceiling: Mirror stainless steel etching,
Acrylic, LED down light
Car wall: Hairline stainless steel, mirror
stainless steel
Floor: PVC



360全景展示



DOER-V05

Ceiling: Mirror stainless steel, LED
down light
Car wall: Mirror stainless steel, wood
grain steel plate
Floor: PVC



360全景展示



DOER-V06

Ceiling: Mirror stainless steel, Acrylic,
LED down light
Car wall: Mirror stainless steel etching,
wood grain steel plate
Floor: PVC
Handrail (optional): Acrylic artificial jade
round tube



360全景展示



DOER-V07

Ceiling: Sainless steel, Acrylic, LED
down light
Car wall: Mirror stainless steel
etching, mirror stainless steel,
wood grain steel plate
Floor: PVC
Handrail (optional): Mirror stainless
steel round tube



360全景展示



DOER-V08

Ceiling: Mirror stainless steel, LED down
light
Car wall: Black titanium mirror stainless
steel, brass carved steel plate
Floor: PVC



360全景展示



HM-J021 (Optional)

Upper and lower covers: steel plate painted and reinforced,
acrylic strip lighting
Sightseeing wall: safety laminated glass.
Decorative roof: steel plate paint frame, acrylic lighting,
Car wall: hairline stainless steel
Handrail: stainless steel single tube
Floor: PVC

HM-J022 (Optional)

Upper and lower covers: hairline stainless steel
Sightseeing wall: laminated glass.
Decorative top: steel plate baking paint, acrylic lighting
Car wall: hairline stainless steel
Handrail: D38 stainless steel pipe.
Floor: PVC



HM-J023 (Optional)

Upper and lower covers: steel plate baking paint, hairline
stainless steel, lighting decoration
Sightseeing wall: safety laminated glass
Decorative top: hairline stainless steel, acrylic lighting, tube
lamp
Handrail: stainless steel single pipe handrail
Floor: PVC



HM-J024 (Optional)

Upper and lower covers: steel plate baking paint
Sightseeing wall: 6+6 laminated glass
Decorative top: hairline stainless steel, acrylic lighting
Car wall: hairline stainless steel
Handrail: stainless steel pipe
Floor: PVC



LANDING DOOR SERIES



QZ-LD01
(optional)



QZ-LD02
(optional)



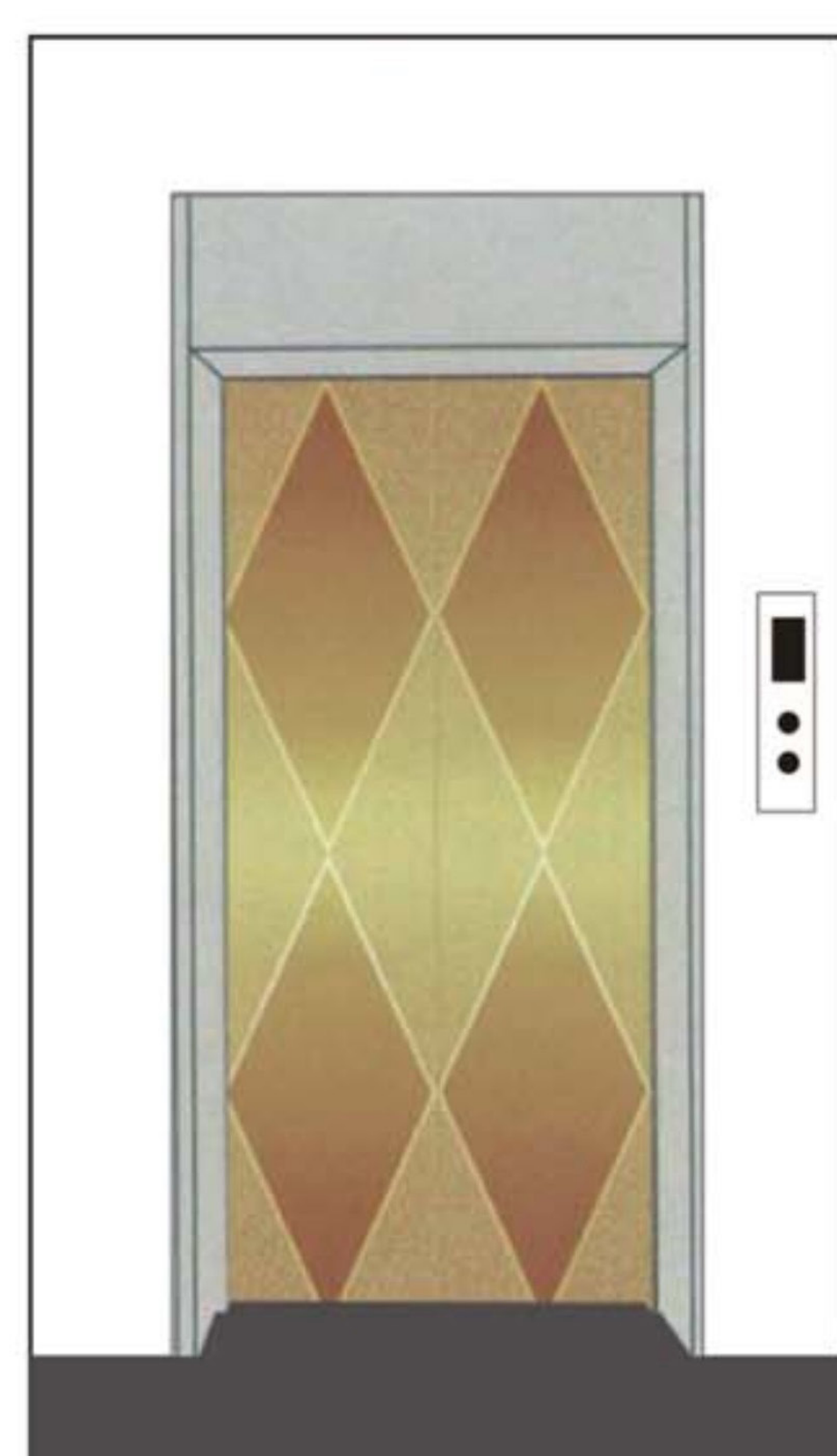
QZ-LD03
(optional)



QZ-LD06
(optional)

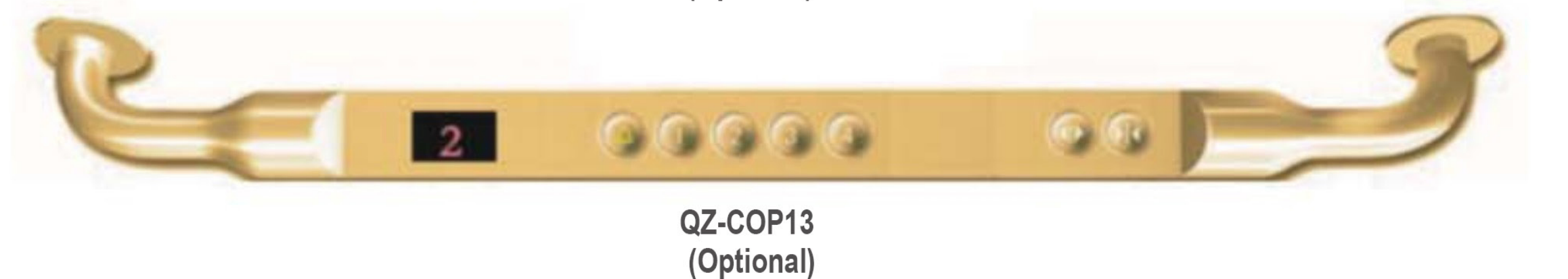


QZ-LD07
(optional)



QZ-LD08
(optional)

HUMAN-MACHINE INTERFACE



PUSH BUTTON



CEILING SERIES



QZ-CT01
Multilayer transparent plate, acrylic



QZ-CT02
Hairline stainless steel frame, LED down light



QZ-CT03
Acrylic transparent plate



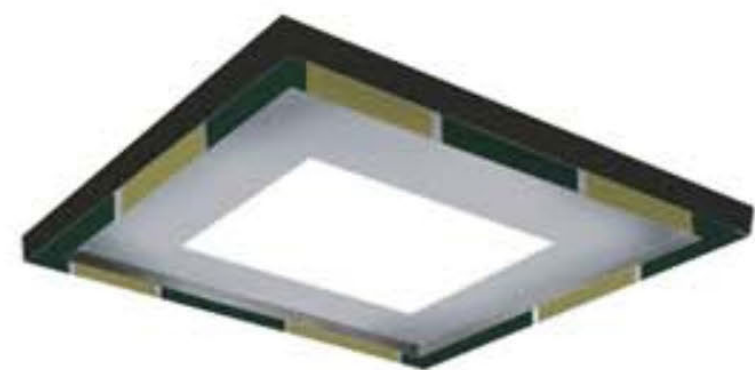
QZ-CT04
Acrylic transparent plate, LED down light



QZ-CT05
Customizable texture, LED down light



QZ-CT06
Acrylic transparent plate, LED down light



QZ-CT07
Mirror stainless steel frame, acrylic



QZ-CT08
Partition design, customizable



QZ-CT09
Hollow milky white acrylic column, LED down light



QZ-CT10
Double arched white acrylic plate, LED down light

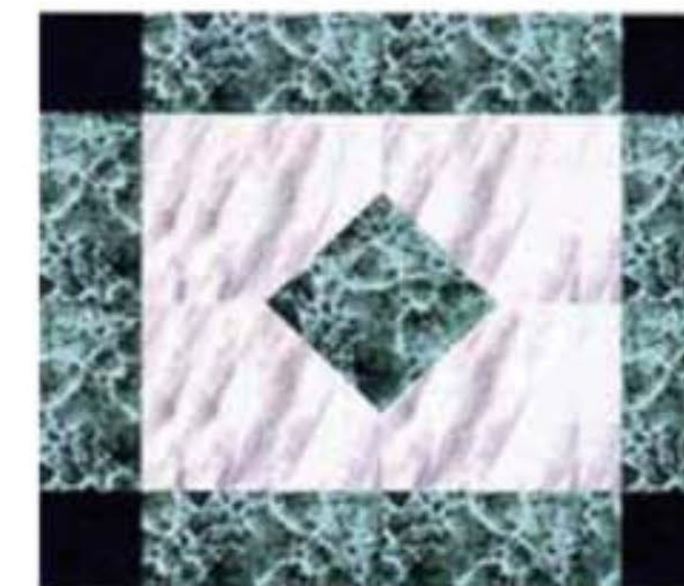


QZ-CT11
Hairline stainless steel frame, acrylic column

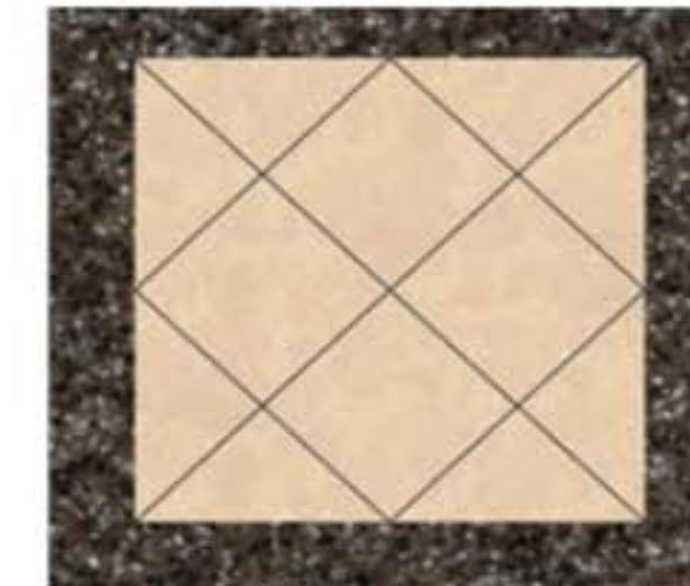


QZ-CT12
White acrylic transparent plate

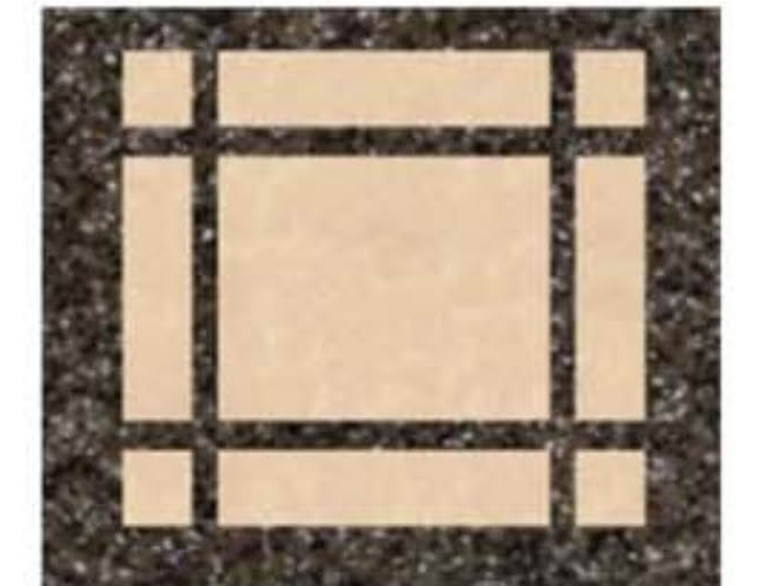
FLOORING SERIES



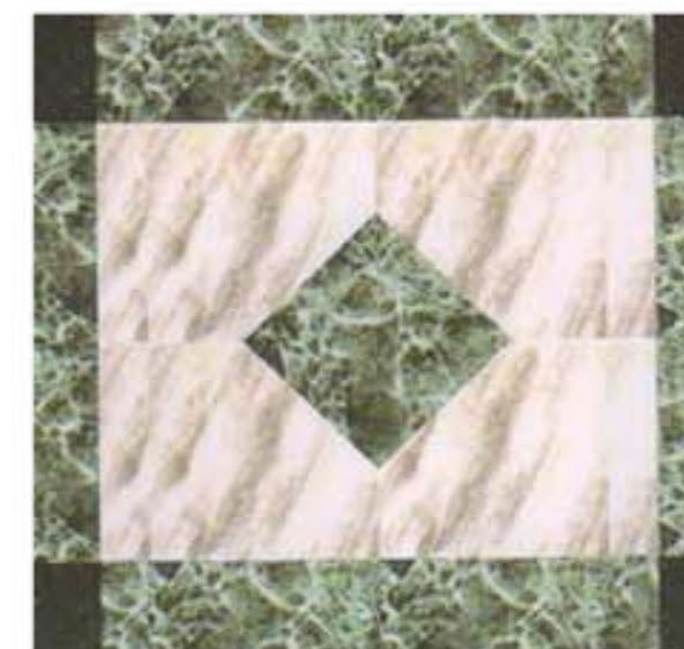
QZ-F01



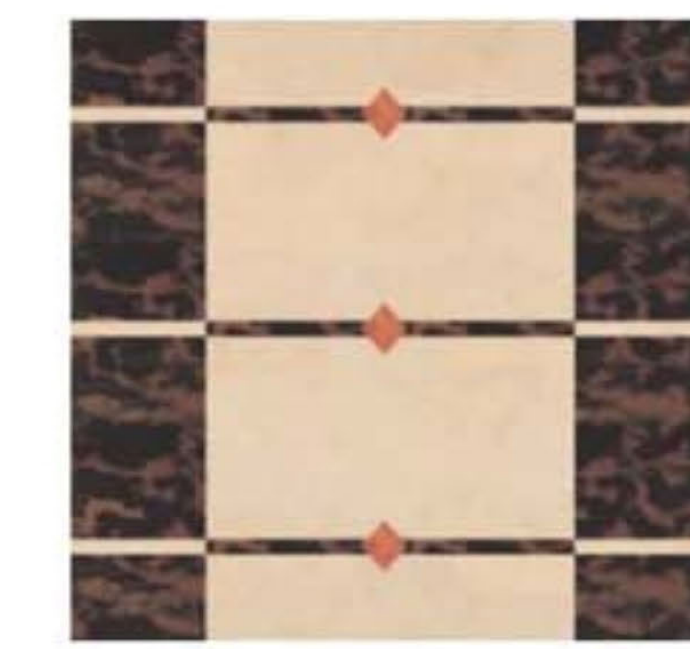
QZ-F02



QZ-F03



QZ-F04



QZ-F05



QZ-F06



QZ-F07



QZ-F08



QZ-F09



QZ-F10



QZ-F11



QZ-F12

MAIN PARTS DISPLAY



Anti-dropping device



Distribution box



Guide shoe



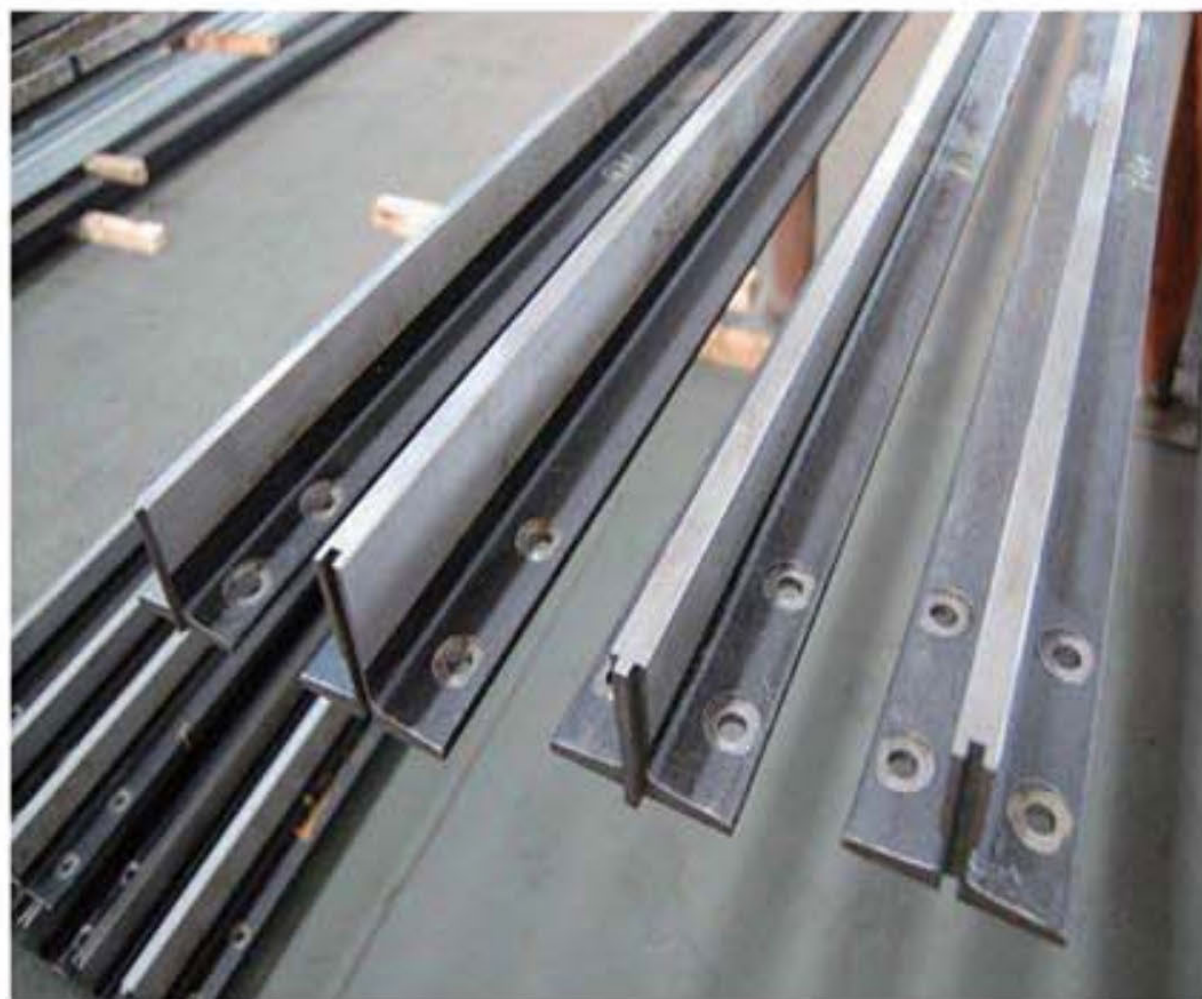
Pump station



Oil tank



Electromagnetic lock



T type guide rail

FRAME STRUCTURE



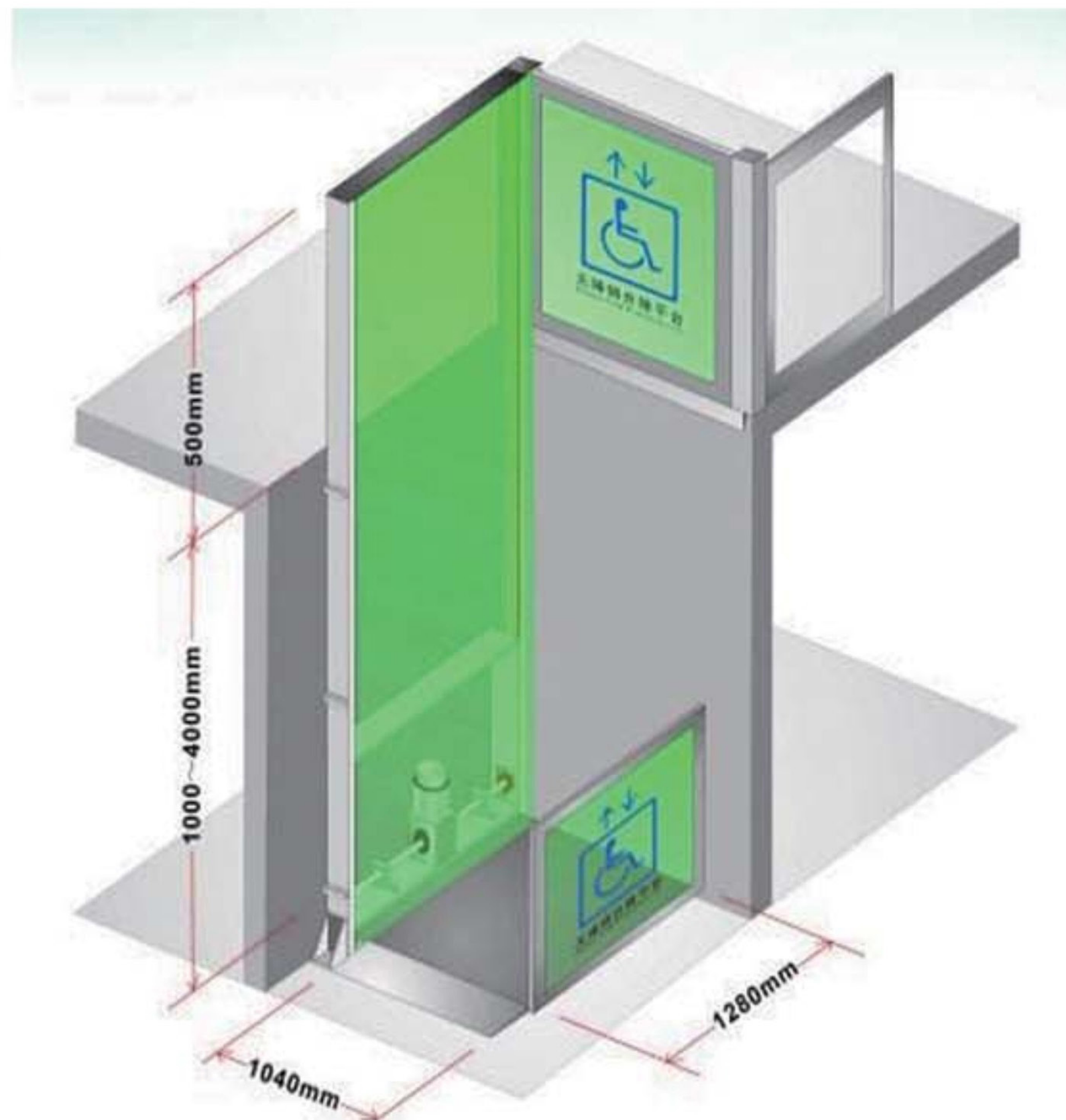
COLOR CARD



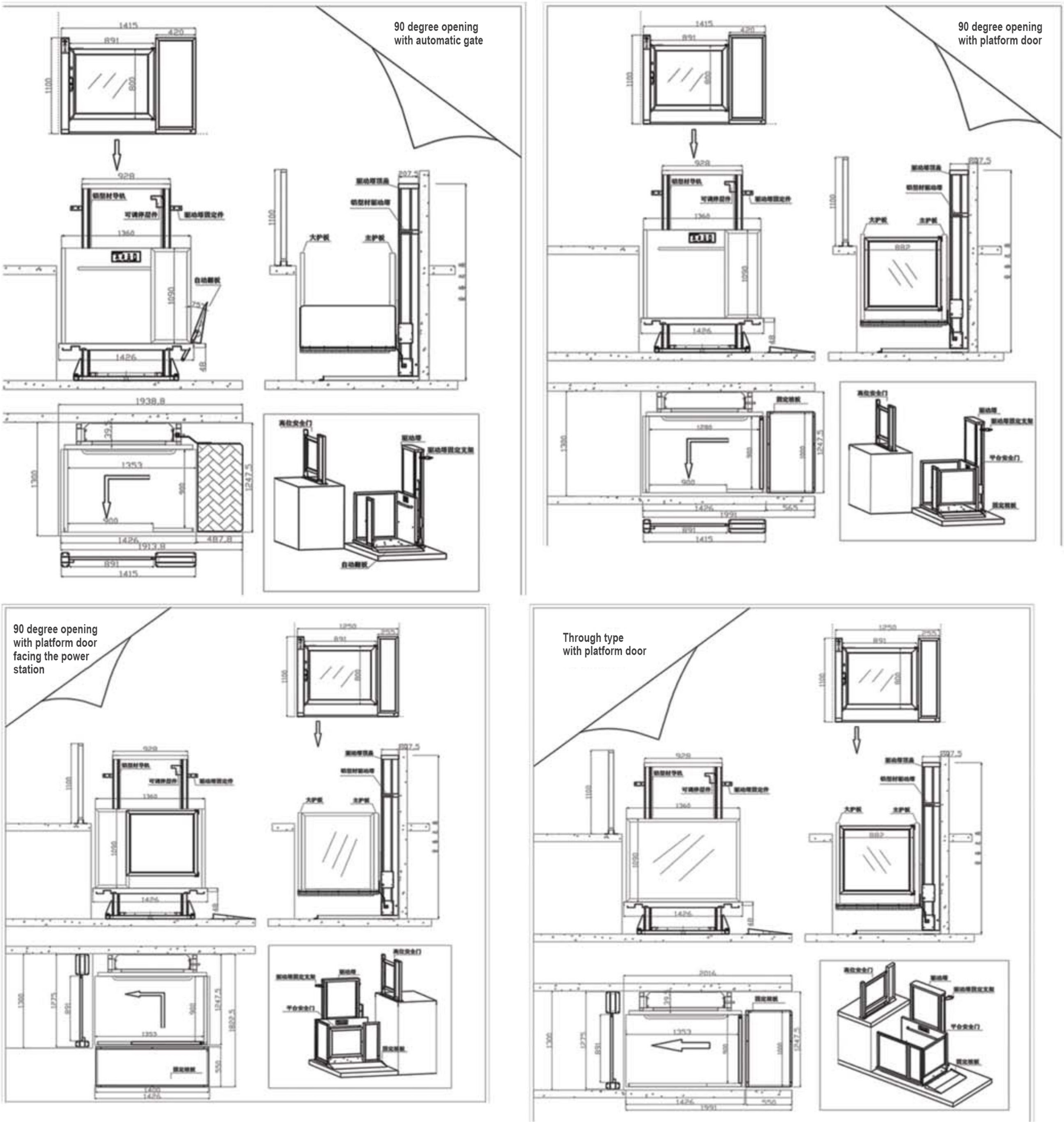
HOP



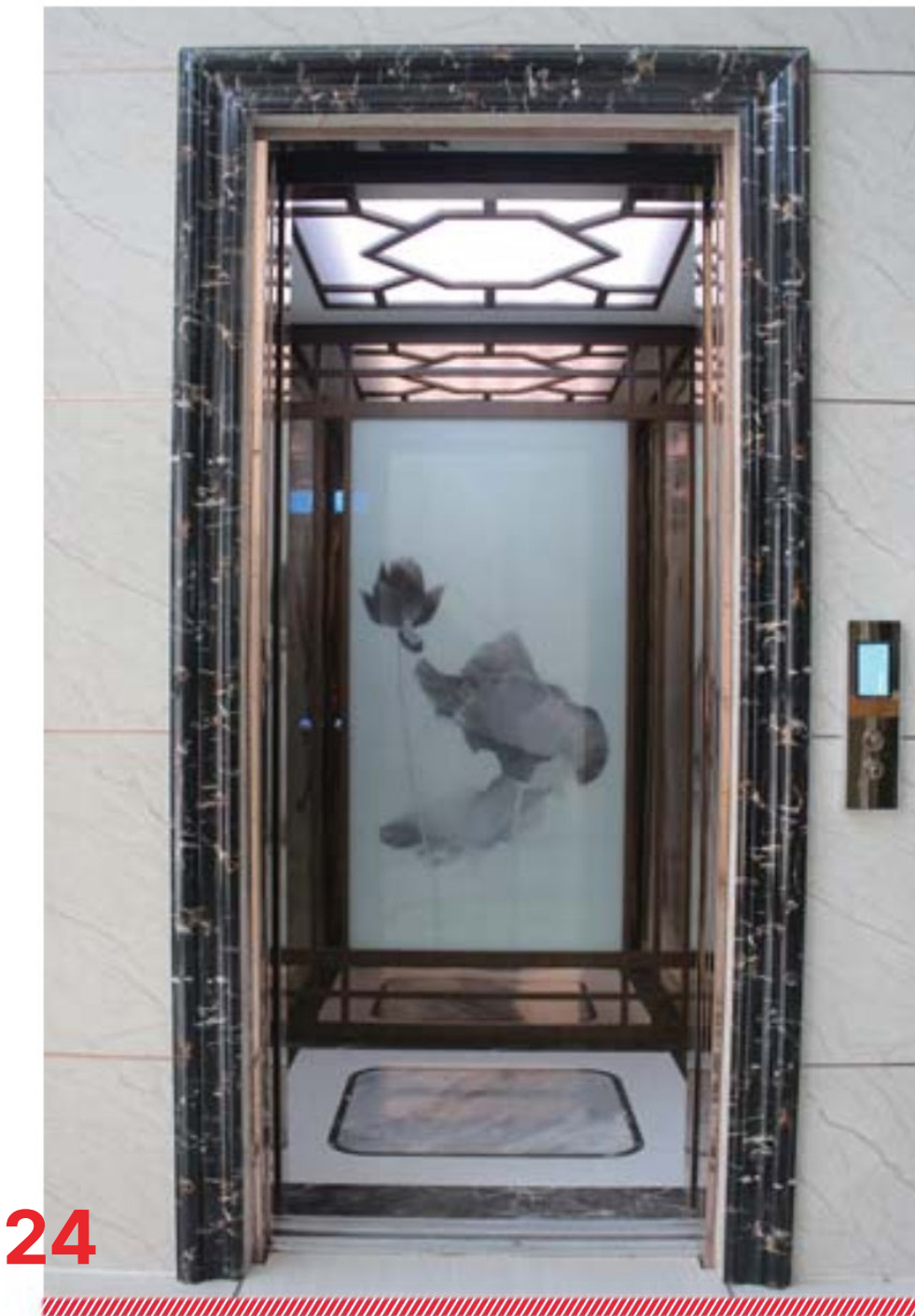
BARRIER-FREE PLATFORM



CIVIL CONSTRUCTION ILLUSTRATIONS



FREE ON-SITE MEASUREMENTS , CUSTOMIZABLE PRODUCTION





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