



## SANYO ELEVATOR CO., LTD

Add: 3/F, 1 Building, Mingliu Road, Nanxun Town,  
Huzhou City, Zhejiang Province

Tel: +86 572-2630228

Fax: +86 572-2630225

Http://www.sanyo-tech.com



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# VILLA ELEVATOR

SANYO ELEVATOR CO., LTD

CREATE YOUR  
OWN PRIVATE VILLA LIFE

# COMPANY PROFILE

## SANYO ELEVATOR CO., LTD

SANYO ELEVATOR CO., LTD (hereinafter referred to as "SANYO") is a multinational enterprise integrates manufacturing, installation, maintenance and modernization of elevator, escalator and moving walk.

As a global leader of elevator and escalator industry, our mission is to improve the flow of urban life, we've helped build cities, transformed how people live and work and revolutionized architecture itself.

We develop in the direction of production, energy saving, pollution reduction, noise reduction, long service life and green environmental protection. The manufacture of product strictly enforces EN81, EN115, CE, TUV, CCC, GB, VDI, IEC, EAC etc.

Our products and service cover in more than 50 countries. Wherever you are, you can count on absolute consistency when it comes to quality, safety and style.



### Our mission

Improve the flow of urban life.

### Our value

To be a world-class, customer-centric, service-oriented company.

### Our product

Quality is the life of an enterprise.



SANYO always believes that every technological progress is derived from the grasp of human nature, and every innovative design originates from an inevitable factor, this is the best interpretation of "home" and "love". Our villa elevators are designed for a simple goal, which is to let you enjoy the warmth and love in the world in your exclusive villa by inside and outside of the noble quality of more evident, the home with the old man is very convenient.



Energy saving



Green



Safety



Beauty



### "Home appliance" villa elevator

It can adopt 220V conventional voltage, ultra-low power, ultra-low power consumption, and the actual power consumption is equivalent to household refrigerator. The running power is less than one microwave oven, which is smart and light, and has no oil and no noise.

### Safe circuit

There are security sensors installed in each significant part, which are in series connection, in order to ensure the normal function of each security part.

### Aseptic green car

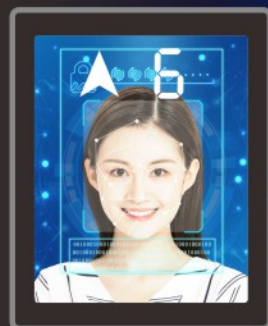
Elevators are designed with energy-saving and environmentally friendly design and materials, 8 million negative ion fans, sterilization and deodorization, clear every day.

### Face recognition

Offline identification, low cost of use, no need for network equipment; accurate identification, up to 98%, effectively distinguishing unauthorized personnel; fast identification speed, ensuring worry-free passage

### ARD

When the elevator power off suddenly and emergency stop while normal running, the device will quickly start work, drive the elevator to run into the level position, then open the door to evacuate passengers.



GREEN ENERGY  
RECOVERY SYSTEM



# PRIVATE CUSTOM FOR YOU

# ENERGY SAVING AND ENVIRONMENTAL PROTECTION



Intelligent  
green drive



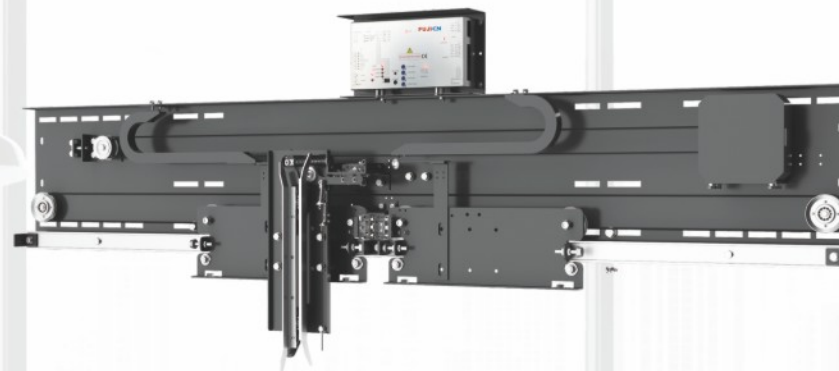
Reduce noise  
5-10db

Machine room  
control cabinet

Roomless  
control cabinet



Roomless module



## Microcomputer control system

SANYO Villa elevator intelligent adaptive frequency conversion door machine system, with 64-bit microcomputer control system for full digital operation, comprehensively improve the corresponding speed of the door machine to ensure safe and stable operation of the door machine.

## Intelligent control system

Adopt a full computer integrated intelligent control system. The highly integrated, intelligent full computer control system makes elevator data processing faster and more complete.

## Comfortable experience

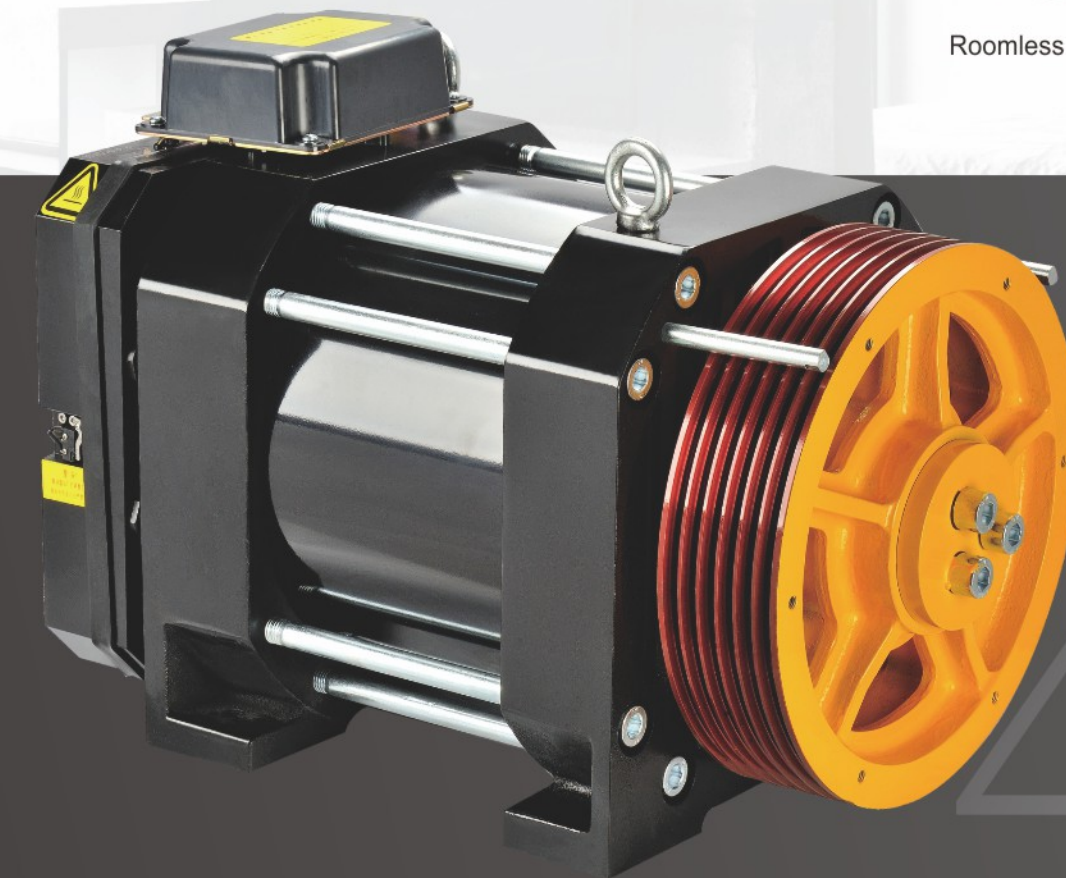
Adopt Variable-frequency drive technology, with the best operating curve, minimizes elevator vibration, arrives calmly, and shows elegance.

## Permanent magnet synchronous and gearless traction machine

Brings about low noise and non-pollution, the gearless permanent magnet synchronous machine, can save energy more than 40%, without the need to replace the grease, free maintenance, no pollution.

## Health without radiation

Rejecting electromagnetic radiation, the electromagnetic radiation generated by the permanent magnet synchronous gearless elevator operation will not affect the health of the family and the normal use of equipment such as household appliances and mobile phones.



# 40%

# ALUMINUM ALLOY HOISTWAY FRAME ADVANTAGES



Independent frame glass design, no additional construction cost, good light transmission, and integration with interior decoration;

The installation position is optional, corrosion-resistant and has a long life cycle; industrial grade aluminum alloy is used, and safety laminated glass is used.

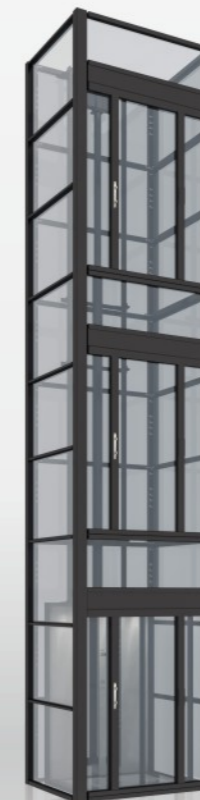


## COLOR MATCHING



FROSTED WHITE

MATTE BLACK



SPACE GRAY

CHAMPAGNE  
SILVER



# VILLA ELEVATOR CAR DECORATION



SCAN THE QR CODE  
TO VIEW  
ELEVATOR VR

## VILLA ELEVATOR CAR DECORATION STANDARD TYPE

Advanced technology application, changeable design style,  
integrating excellent performance and comfortable experience;  
Fully meet the different needs of users from all walks of life,  
creating a high-end safe elevator space.

### SANYO-V2201 Standard

Ceiling	Mirror stainless steel, LED light
Car wall	Hairline stainless steel
Floor	PVC ( Optional marble )



Note: Pictures have been drawn by computer.  
It might be slightly different from actual colors. Please take real product as criterion.

VILLA ELEVATOR CAR DECORATION



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TO VIEW  
ELEVATOR VR

SANYO-V2203 Optional

- Ceiling** Black-Titanium mirror stainless steel, acrylic plate, LED light
- Cabin rear wall** Middle panel: black-titanium hairline stainless steel with linear light; auxiliary panel: black-titanium mirror stainless steel
- Cabin side walls** Middle panel: black-titanium mirror stainless steel; auxiliary panel: black-titanium hairline stainless steel
- Floor** PVC ( Optional marble )



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ELEVATOR VR

SANYO-V2202 Optional

- Ceiling** Mirror stainless steel, LED light
- Car wall** Hairline stainless steel, mirror etched stainless steel
- Handrail** Hairline stainless steel flat handrail
- Floor** PVC ( Optional marble )



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ELEVATOR VR

SANYO-V2205 Optional

- Ceiling** Black-Titanium mirror stainless steel, acrylic plate, LED light
- Car wall** Black-titanium mirror stainless steel, gold-titanium mirror sand-blasting stainless steel with mirror stainless steel strips
- Floor** PVC ( Optional marble )



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ELEVATOR VR

SANYO-V2204 Optional

- Ceiling** Gold-titanium mirror stainless steel. LED light
- Car wall** Gold-titanium mirror etched stainless steel, gold-titanium mirror stainless steel
- Floor** PVC ( Optional marble )

# VILLA ELEVATOR CAR DECORATION

## VILLA ELEVATOR CAR DECORATION OPTIONAL TYPE

Advanced technology application, changeable design style,  
integrating excellent performance and comfortable experience;  
Fully meet the different needs of users from all walks of life,  
creating a high-end safe elevator space.



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### SANYO-V2207 Optional

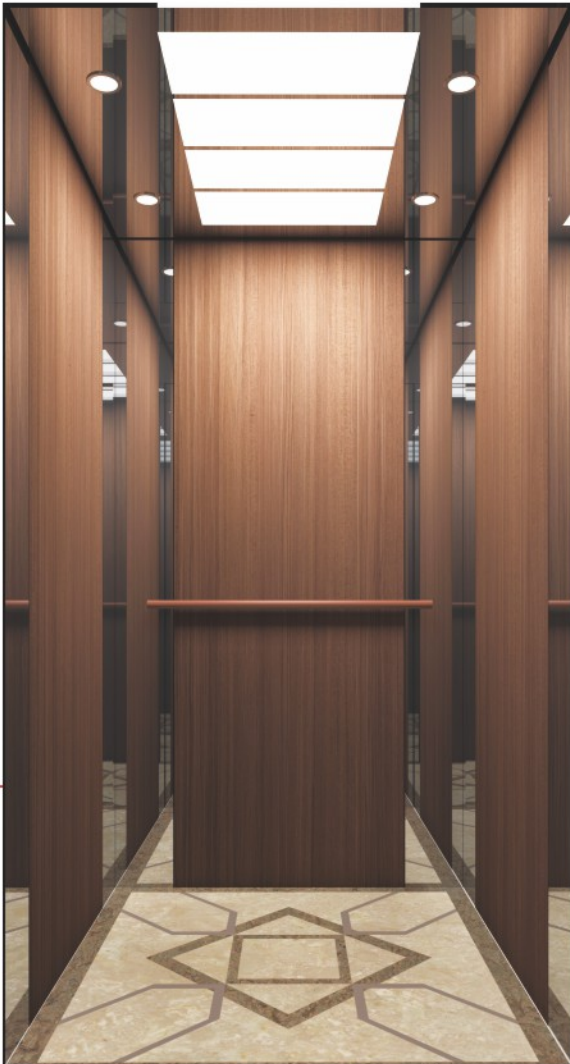
Ceiling	White painted steel panel, Mirror stainless steel frame, concealed light strip, LED light
Car wall	Mirror stainless steel, grained alloy plate
Handrail	Gold stainless steel round tube
Floor	PVC ( Optional marble )



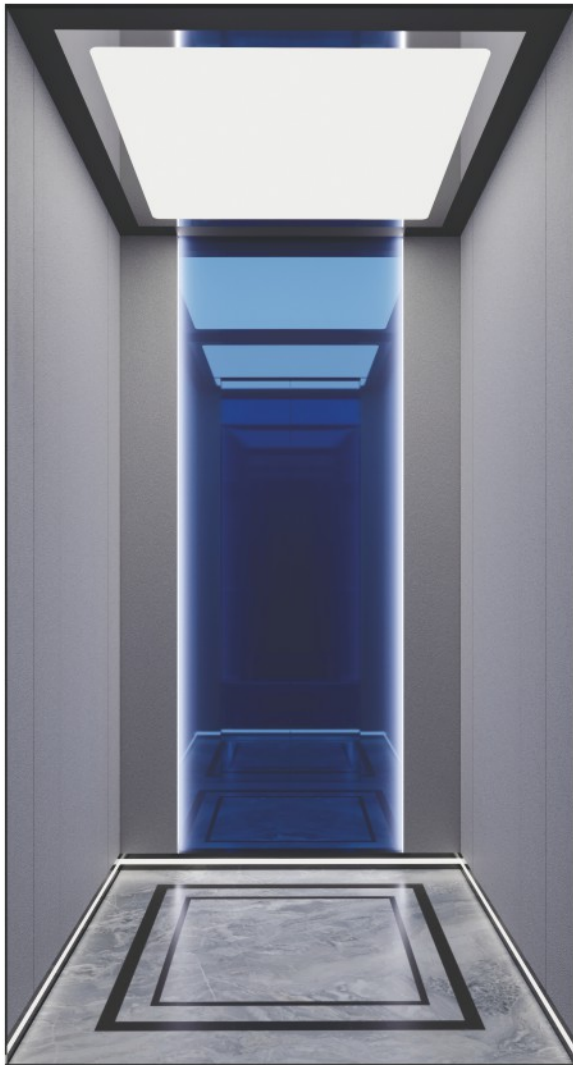
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ELEVATOR VR

### SANYO-V2206 Optional

Ceiling	Mirror stainless steel, acrylic plate, LED light
Car wall	Mirror stainless steel, grained alloy plate
Handrail	Wooden round tube
Floor	PVC ( Optional marble )



VILLA ELEVATOR CAR DECORATION



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ELEVATOR VR

SANYO-V2209 Optional

Ceiling	Mirror stainless steel frame, acrylic
Cabin rear wall	Middle panel: blue mirror stainless steel with linear light; auxiliary panel: leather
Cabin side walls	leather
Floor	PVC ( Optional marble )



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TO VIEW  
ELEVATOR VR

SANYO-V2208 Optional

Ceiling	Anti-fingerprint stainless steel, black-titanium stainless steel, LED light.
Car wall	Anti-fingerprint stainless steel with black-titanium stainless steel strips and linear light;.
Floor	PVC ( Optional marble )



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SANYO-V2211 Optional

Ceiling	Black-titanium mirror stainless steel, LED light with recessed light strip
Cabin rear wall	stainless steel with LED linear light
Cabin side walls	white sintered stone plate
Floor	PVC ( Optional marble )



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SANYO-V2210 Optional

Ceiling	Bronze sand-blasting stainless steel with LED linear light
Cabin rear wall	Bronze sand-blasting stainless steel with LED linear light, bronze mirror stainless steel
Cabin side walls	Wood finish with recessed light strip
Handrail	bronze stainless steel flat handrail, concealed light strip
Floor	PVC ( Optional marble )



# VILLA ELEVATOR CAR DECORATION

## VILLA ELEVATOR CAR DECORATION PANORAMIC TYPE

Advanced technology application, changeable design style,  
integrating excellent performance and comfortable experience;  
Fully meet the different needs of users from all walks of life,  
creating a high-end safe elevator space.



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### SANYO-V2213

Optional

<b>Ceiling</b>	Champagne gold mirror stainless steel, acrylic plate, LED light
<b>Car wall</b>	Champagne gold hairline stainless steel, safety laminated glass (color optional)
<b>Handrail</b>	Champagne gold floor type flat handrail
<b>Floor</b>	PVC ( Optional marble )

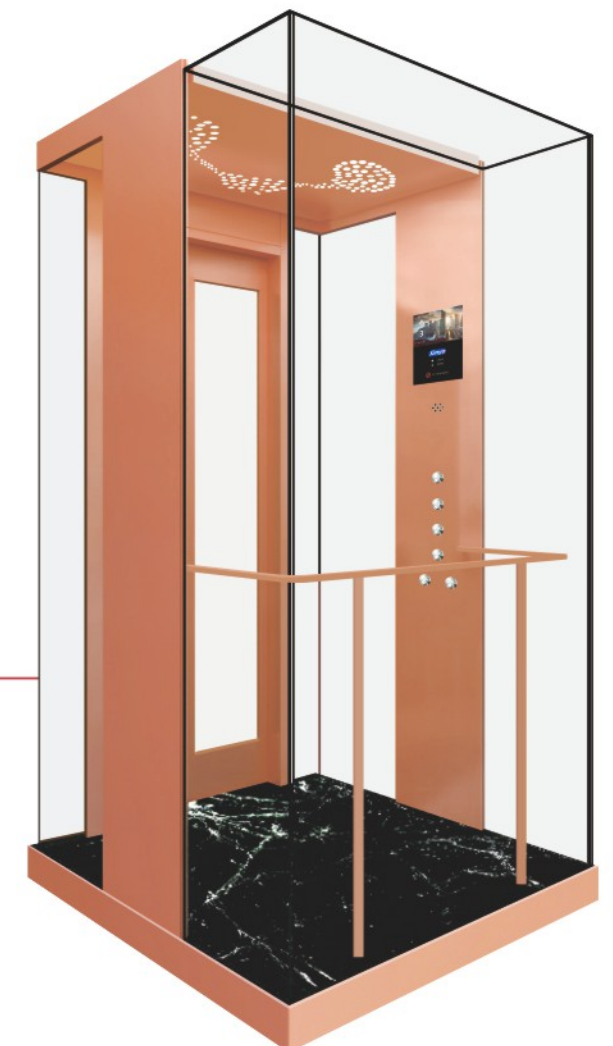


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TO VIEW  
ELEVATOR VR

### SANYO-V2212

Optional

<b>Ceiling</b>	Integrated ceiling, glass
<b>Car wall</b>	Rose gold hairline stainless steel, safety laminated glass (color optional)
<b>Handrail</b>	Rose gold hairline floor type round handrail
<b>Floor</b>	PVC ( Optional marble )



# Villa Elevator

## Series Decoration Design



The material of surface can be changed as client's requirement, such as hairline stainless steel, mirror stainless steel, titanium gold stainless steel, rose gold stainless steel, etc.

COP & HOP



SANYO-KC01  
Standard

Display optional



6.4"STN



8.0"TFT



10.4"TFT

LOP optional



SANYO-VW01



SANYO-VW02



SANYO-VW03

Button optional



SANYO-VA01



SANYO-VA02



SANYO-VA03

Stainless steel material optional



Mirror



Titanium gold



Black titanium



SANYO-KC02  
Optional

Display optional



6.4"STN



8.0"TFT

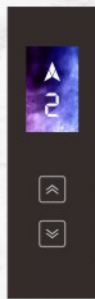


10.4"TFT

LOP optional



SANYO-VW04



SANYO-VW05



SANYO-VW06

Button optional



SANYO-KA04



SANYO-KA05



SANYO-KA06

Stainless steel material optional



Black glass



Acrylic

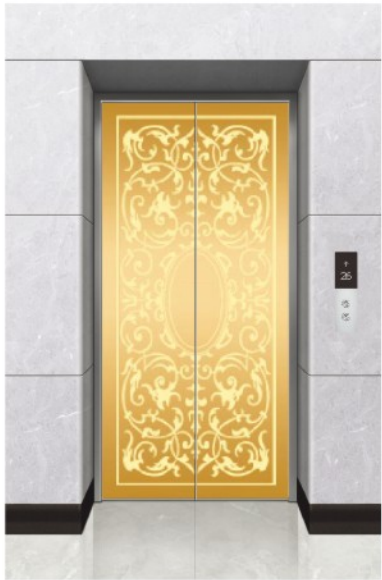
# Villa Elevator Series Decoration Design



## LANDING DOOR DECORATION



SANYO-VD22-1  
Optional  
Hairline stainless steel



SANYO-VD22-2  
Optional  
Gold-titanium mirror etched stainless steel



SANYO-VD22-3  
Optional  
Black titanium stainless steel



SANYO-VD22-7  
Optional  
Safety laminated glass, rose gold hairline stainless steel (Frameless)



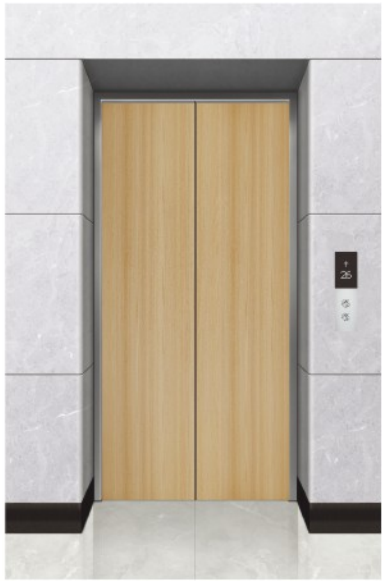
SANYO-VD22-8  
Optional  
Safety laminated glass, hairline stainless steel



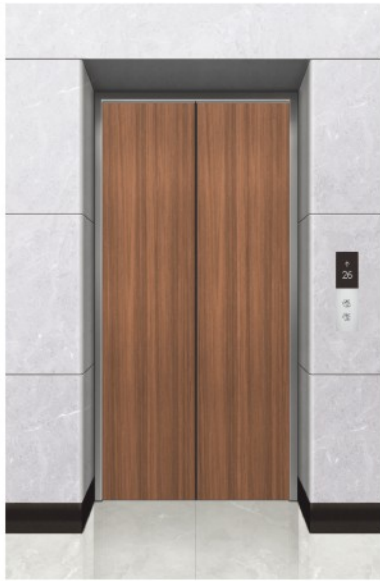
SANYO-VD22-9  
Optional  
Safety laminated glass, gold-titanium stainless steel



SANYO-VD22-4  
Optional  
Mirror etched stainless steel



SANYO-VD22-5  
Optional  
Grained alloy plate



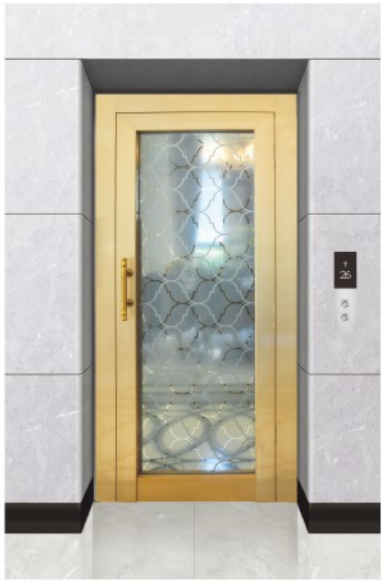
SANYO-VD22-6  
Optional  
Grained alloy plate



SANYO-VD22-10  
Optional  
Safety lamination glass, silver frame (Manual door)



SANYO-VD22-11  
Optional  
Safety lamination glass, white frame (Manual door)



SANYO-VD22-12  
Optional  
Safety figured glass, gold-titanium frame (Manual door)

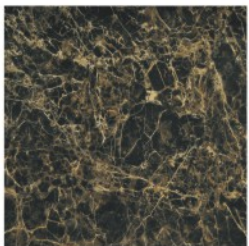
# Villa Elevator Series Decoration Design



## FLOOR SERIES



SANYO-VB22-1



SANYO-VB22-2



SANYO-VB22-3



SANYO-VB22-4



SANYO-VB22-5



SANYO-VB22-6



SANYO-VB22-7



SANYO-VB22-8



SANYO-VB22-9



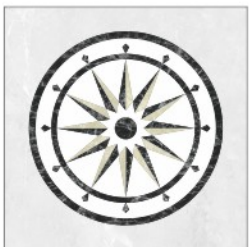
SANYO-VB22-10



SANYO-VB22-11



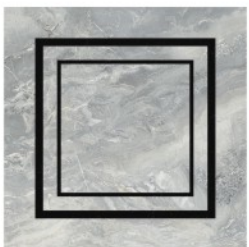
SANYO-VB22-12



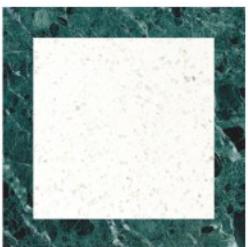
SANYO-VB22-13



SANYO-VB22-14

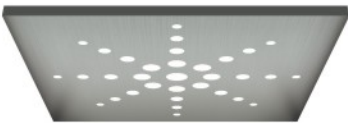


SANYO-VB22-15



SANYO-VB22-16

## CEILING SERIES



SANYO-VC22-1  
Optional  
Stainless steel frame, acrylic lamp



SANYO-VC22-2  
Optional  
Mirror stainless steel, acrylic lamp, led



SANYO-VC22-3  
Optional  
Mirror stainless steel frame, downlight, organic column



SANYO-VC22-4  
Optional  
Titanium gold mirror stainless steel frame, acrylic transparent plate, LED



SANYO-VC22-5  
Optional  
Titanium gold stainless steel frame, LED



SANYO-VC22-6  
Optional  
Titanium gold mirror stainless steel, translucent plate, LED

## HANDRAIL SERIES



SANYO-VF22-1  
Hairline stainless steel round handrail



SANYO-VF22-2  
Hairline stainless steel flat handrail



SANYO-VF22-3  
Titanium gold hairline stainless steel round handrail



SANYO-VF22-4  
Hairline stainless steel double-tube handrail



SANYO-VF22-5  
Wooden round handrail



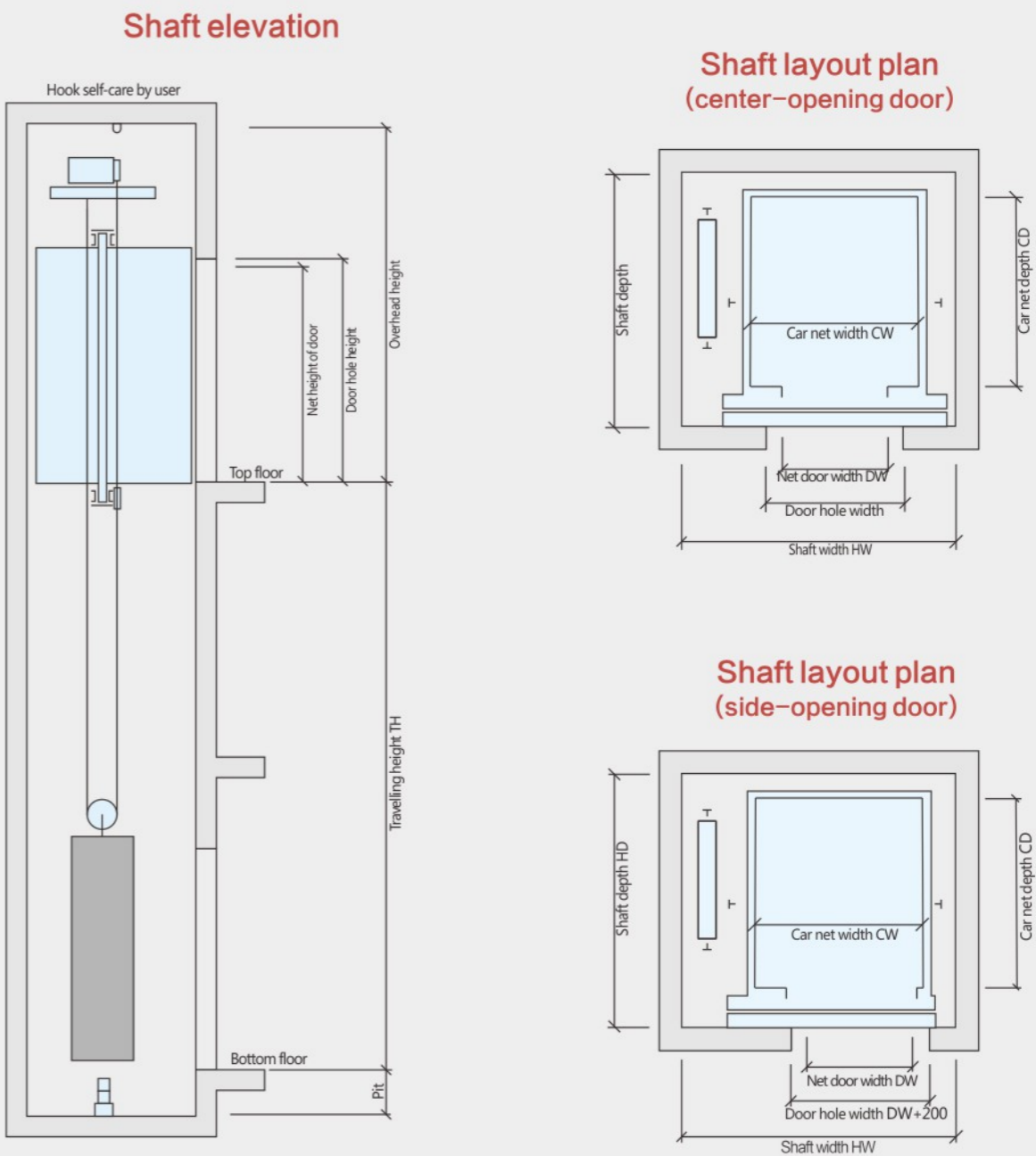
SANYO-VF22-6  
Gold-titanium hairline stainless steel double-tube handrail

PERFECT FUNCTION

Standard Function		
Travel function	VVVF drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator start,travel and stop and gain the sound comfort.
	VVVF door operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop.
	Automatic pass without stop	When the car is crowded with the passengers or the load is close to preset value,the car will automatically pass the calling landing in order to keep maximum travel efficiency.
	Automatically adjust door opening time	Door-open time can be automatically adjusted according to the difference between landing calling or car calling.
	Reopen with hall call	In the door shutting process,press reopen with hall call button can restart the door.
	Express door closing	When the elevator stops and opens the door,press door-shut button,the door will be closed immediately.
	Car stops and door open	The elevator decelerates and levels,the door only opens after the elevator comes to a complete stop.
	Direct parking	It completely accords with distance principle with no crawling in the leveling. It greatly enhances the travelefficiency
Safety function	Photocell protection	In the door open and shut period, infrared light that covers the whole door height is used to probe the door protection device of both the passengers and objects.
	Designated stop	If the elevator can not open the door in the destination floor out of some reason,the elevator will close the door and travel to the next designated floor.
	Overload holding stop	When the car is overload,the buzzer rings and stops the elevator in the same floor.
	Anti-stall timer protection	The elevator stops operation due to slippery traction wire rope.
	Start protection control	If the elevator does not leave door zone with in the designated time after it gets started,it will stop the operation.
	Inspection operation	When the elevator enters into inspection operation,the car travels at inching running.
	Fault self-diagnosis	The controller can record latest troubles so as to quickly remove the trouble and restore the elevator operation.
	Repeated door closing	If the elevator can not close the door due to certain obstacle or interference,the elevator will reopen or re-shut the door until sundries are eliminated.
	Up/down over-run and final limit protection	The device can effectively prevent from the elevator's surging to the top or knocking the bottom when it is out of control.It results in more safe and reliable elevator travel.
	Down over-speed protection device	When the elevator downs 1.3 times higher than the rated speed,this device will automatically cut off control mains,stop the motor running,safety tongs act to force the elevator stop in order to ensure the safety.
	Upward over-speed protection device	When the elevator up speed is 1.3 times higher than rated speed,the device will automatically decelerate or brake the elevator.
Man-machine interface	Micro-touch button for car call and hall call	Novel micro-touch button is used for operation panel command button in the car and landing calling button.
	Floor and direction indicator inside car	The car shows the elevator floor location and current travel direction.
	Floor and direction indicator in hall	The landing shows the elevator floor locating and current travel direction.
Emergency function	Emergency car lighting	Emergency car lighting automatically activated once power failure.
	Inching running	When the elevator enters into emergency electric operation,the car travels at low speed inching running.
	Five way intercom	Communication amid car,car top,elevator machine room,well pit and rescue duty room through walkie-talkie.
	Bell	In emergency conditions.if bell button above car operation panel is continuously pressed.electric bell rings on top of the car.
	Fire emergency return	If you start key switch in main landing or monitor screen,all the callings will be cancelled.The elevator directly and immediately drives to the designated rescue landing and automatically opens the door.
Energy-saving function	Car ventilation, light automatic shut off	If there is no calling or command signal within the stipulated time,the car fan and lighting will be automatically closed in order to save the energy.
	Remote shut-off	The elevator can be called to main landing (after finishing the service) through the key switch and automatically exists the service.
Emergency function	Uninterrupted power supply(OPS)	In normal power failure,the chargeable battery supplies the elevator power.The elevator drives to the nearest landing.

Optional Function		
Travel function	Anti-nuisance	In the light elevator load,when three more commands appear,in order to avoid the unnecessary parking, all theregistered callings in the car will be cancelled.
	Command register cancel	If you press the wrong floor command button in the car,twice continuous pressing of the same button can cancel the registered command.
	Duplex control	Two sets of same model elevators can unanimously respond the calling signal through the computer dispatch. In this way,it reduces the passengers' waiting time to the greatest extent and enhances the travel efficiency as well.
Man-machine interface	Voice system	When the elevator normally arrives,voice announcer informs the passengers about the relevant information.
	Car assistant operation box	It is used in the large loading weight lifts or the elevators with crowded passengers so that more and more passengers can use the car.
	Operation box for the handicapped	It is convenient for the wheelchair passengers and those who have vision problems.
Monitor function	Remote monitor	The elevator long-distance monitor and control can be fulfilled through modem and telephone.It is convenient for the factories and service units to timely know the travel conditions of every elevator and promptly take the corresponding measures.
	Camera function in the car	The camera is installed in the car to monitor the car conditions.

VILLA ELEVATOR  
CONSTRUCTION SKETCH



Rated capacity (kg)	Persons	Rated speed (m/s)	Net size of car (mm)	Net door size (mm)	Hoistway size (mm)		
			CWxCD	DWxDH	SWxSD	Pit	OH
320	4	0.4	900X1200	700X2000 CO	1650X1500	500 (300)	3000
				700X2000 TL	1550X1550		
400	5	0.4	1000X1200	700X2000 CO	1700X1500	500 (300)	3000
				700X2000 TL	1650X1550		

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