

PASSENGER ELEVATOR



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PRIME FUJI ELEVATOR CO.,LTD



PASSENGER
ELEVATOR  FOUR
TECHNOLOGIES



► **Intelligence - intelligent running, high-efficient experience**

Intelligent group control manage system

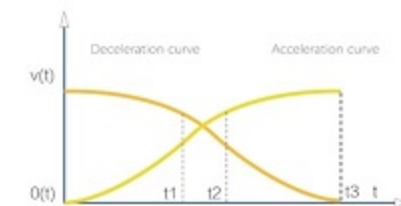
Full computer intelligent control system



► **Comfort – enjoy smooth and pleasant trip**

High-end door-motor system

Accurate position control system



PASSENGER ELEVATOR

FOUR
TECHNOLOGIES

► Safety – humanity care all the way

ID/IC card identification system



Infrared light curtain protection system



► Energy-saving – green model, path to sustained

A new generation of gearless permanent magnet synchronous traction machine

Energy feedback technology

LED energy-saving lighting in car

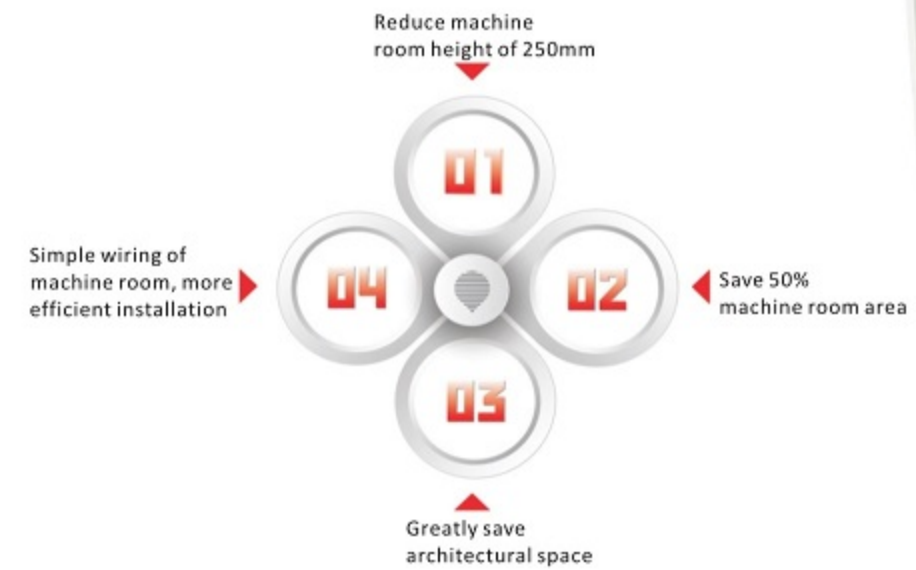
Car automatic lighting system

PASSENGER ELEVATOR SMALL MACHINE ROOM



Less space, more intelligence

➤ Art everywhere – perfect overlap of machine room and shaft area



Leading advantage gives you unlimited possibility

► Optimize space, design span



Traction machine top mounted



► Flexible layout, convenient maintenance

PASSENGER ELEVATOR WITHOUT MACHINE ROOM



Save construction area

Artistic and simple shape

Reduce comprehensive construction cost

07/08

PASSENGER ELEVATOR  **STANDARD CAR DECORATION**



➤ Car

➤ COP

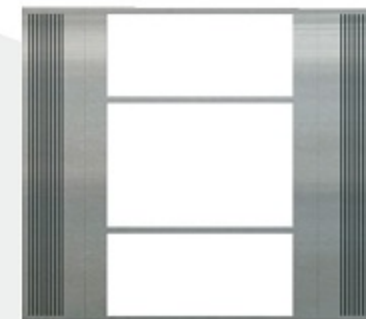


Car walls with hairline stainless steel

➤ Ceiling

➤ Floor PVC

➤ Call



CL001



FR101



HB001



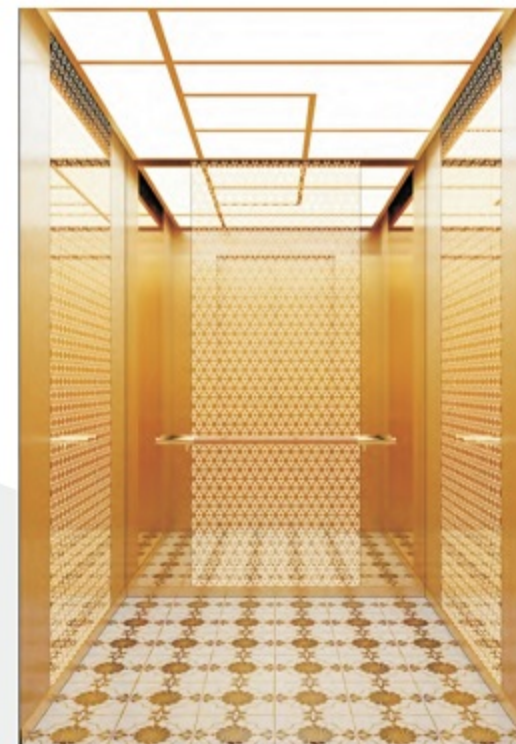
COP001

PASSENGER
ELEVATOR HOTEL
CAR DECORATION



» DC201

- Ceiling** Titanium mirror stainless steel
White organic board
- Car wall** Titanium mirror etching stainless steel
Titanium gold hairline stainless steel
- Floor** Standard PVC



» DC202

- Ceiling** Titanium gold stainless steel decorative strip
White organic board
- Car wall** Titanium mirror etching stainless steel
Titanium gold hairline stainless steel
- Handrail** Titanium mirror stainless steel
Wood veneer
- Floor** Standard PVC



» **DC215**

- Ceiling** Titanium mirror stainless steel
- Car wall** Titanium mirror etching stainless steel
Titanium gold hairline stainless steel
- Handrail** Titanium gold hairline stainless steel
- Floor** Standard PVC



» **DC219**

- Ceiling** Titanium mirror stainless steel
White organic board
- Car wall** Titanium mirror etching stainless steel
Titanium gold hairline etching stainless steel
- Handrail** Titanium mirror stainless steel
Wood veneer
- Floor** Standard PVC



» **DC216**

- Ceiling** Rose gold mirror etched stainless steel
Decorative lamp
- Car wall** Rose gold mirror etched stainless steel
Rose gold hairline stainless steel
- Handrail** Rose gold mirror stainless steel
- Floor** Standard PVC



» **DC217**

- Ceiling** Rose gold mirror etched stainless steel
White organic board; Downlights
- Car wall** Rose gold mirror etched stainless steel
Rose gold hairline stainless steel
- Floor** Standard PVC

PASSENGER ELEVATOR BUSINESS CAR DECORATION



» DC220

- Ceiling** Mirror stainless steel
White organic board; Downlights
- Car wall** Mirror etched stainless steel
Hairline stainless steel
- Handrail** Hairline stainless steel
- Floor** Standard PVC



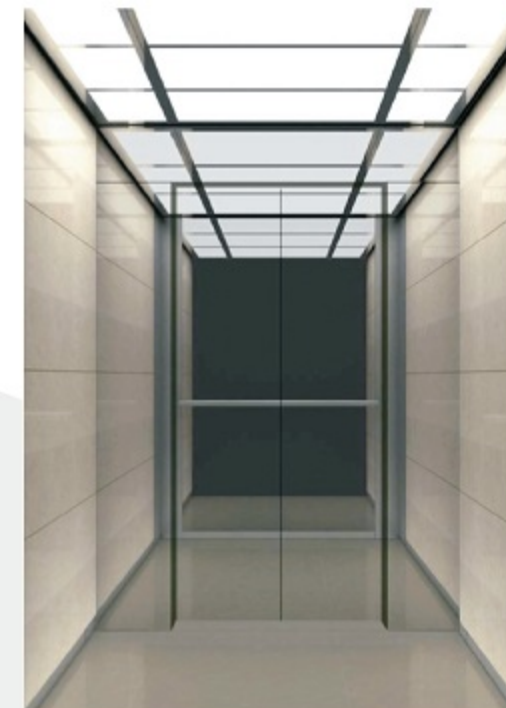
» DC212

- Ceiling** Mirror stainless steel; Downlights
- Car wall** Mirror etched stainless steel
Hairline stainless steel
- Handrail** Hairline stainless steel
- Floor** Standard PVC (Optional : Marble)



» DC221

- Ceiling** Hairline stainless steel; Downlights
- Car wall** Mirror etched stainless steel
Hairline stainless steel
- Handrail** Hairline stainless steel
- Floor** Standard PVC (Optional : Marble)



» DC205

- Ceiling** Mirror stainless steel decorative strip
White organic board
- Car wall** Marble pattern board
Mirror stainless steel
- Floor** Standard PVC (Optional : Marble)



» **DC225**

- Ceiling** Black titanium mirror stainless steel
White organic board; Downlights
- Car wall** Mirror stainless steel
Wood pattern board
- Handrail** Black titanium gold hairline stainless steel
- Floor** Standard PVC (Optional : Marble)



» **DC227**

- Ceiling** Champagne gold mirror stainless steel
White organic board ; Downlights
- Car wall** Champagne gold mirror etched stainless steel
Champagne gold hairline stainless steel
- Handrail** Champagne gold mirror stainless steel
- Floor** Standard PVC (Optional : Marble)



» **DC226**

- Ceiling** Mirror stainless steel
White light strip
- Car wall** Wood pattern board
Mirror stainless steel
- Floor** Standard PVC (Optional : Marble)



» **DC301**

- Ceiling** Hairline stainless steel
White organic board ; Downlights
- Car wall** Toughened glass
Stainless steel baffle
- Handrail** Hairline stainless steel
- Floor** Standard PVC

PASSENGER ELEVATOR DECORATION SERIES

► PVC Floor



FR101



FR102



FR103



FR104



FR105



FR106



FR107

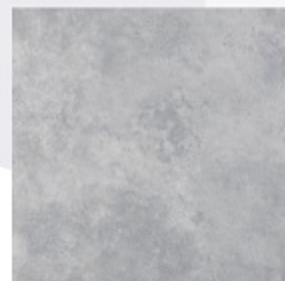


FR108

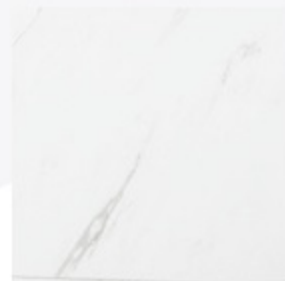
► Marble Floor(Optional)



FR001



FR002



FR003



FR004

► Ceiling



CL001



CL002



CL003



CL004



CL005



CL006



CL007



CL008



CL009

► Handrail



HR001



HR002



HR003



HR004



HR005



HR006



HR101



HR202



HR303



HR404

► **Door plank**

(Optional: Titanium gold; Rose gold; Champagne gold)



LD001



LD002



LD003



LD004



LD005



LD006



LD007



LD008

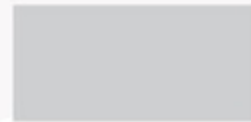


LD009



LD010

► **Spraying color**



RAL7035
(Standard)



RAL7037



RAL6027



RAL9001

► **Elevator multimedia information system**



Liquid crystal display
(Standard)



Liquid crystal display

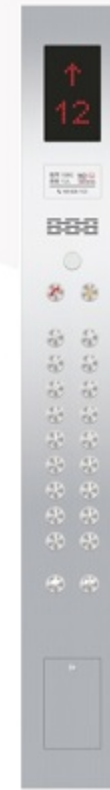


Dot matrix display



Multimedia

► **COP
(Split type)**



COP001
(Standard)



COP002



COP004



COP003

► **COP
(Integral type; Optional)**

► **Barrier-free operating panel (Optional)**

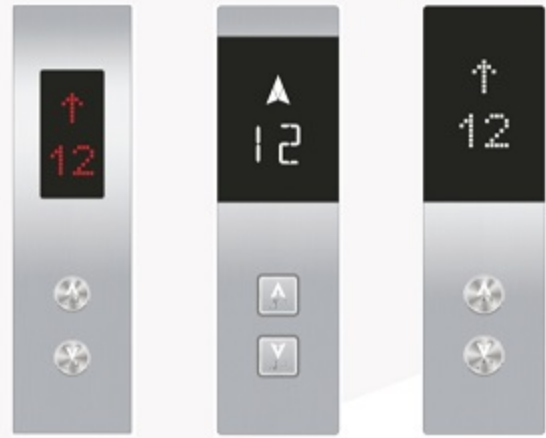


COP501



COP502

► LOP



HB001 (Standard) HB002 HB004

► Duplex LOP (Optional)



HB101 HB102 HB104

► Micro motion button



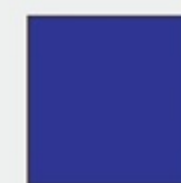
B001A (standard)
White lettering, blue light
B001B
White lettering, red light
B001C
White lettering, white light



B101A
Blue lettering, blue light
B101B
Red lettering, red light



B002A
White lettering, blue light
B002B
White lettering, red light
B002C
White lettering, white light



B102A
Blue lettering, blue light
B102B
Red lettering, red light



B003A
White lettering, blue light
B003B
White lettering, red light
B003C
White lettering, white light



B103A
Blue lettering, blue light
B103B
Red lettering, red light

► Wall mount LOP (Optional)



HB005 HB006 HB007 HB008 HB009 HB010

► Hall direction lights (Optional)

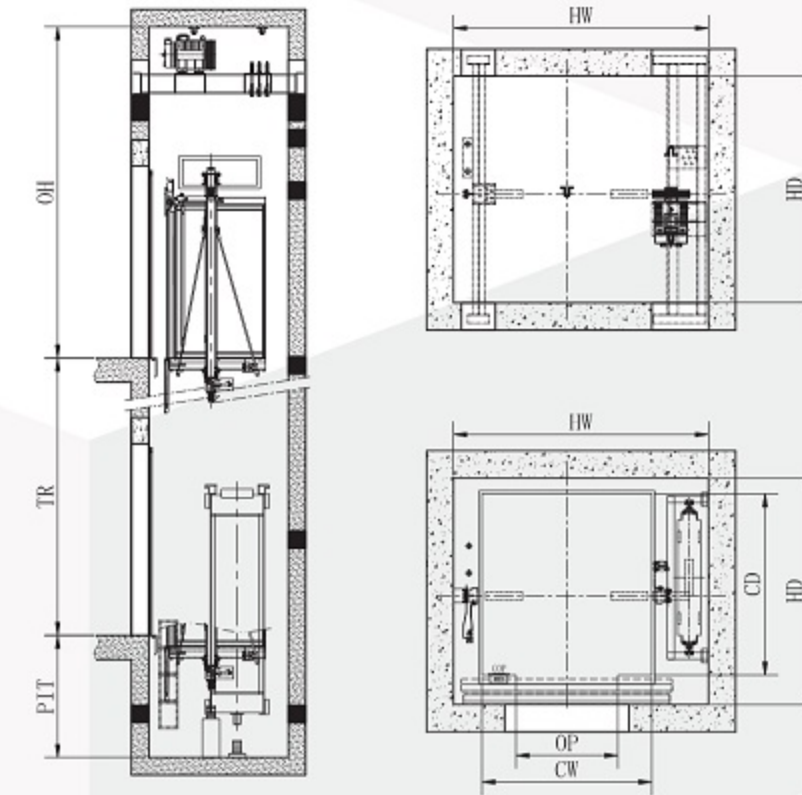
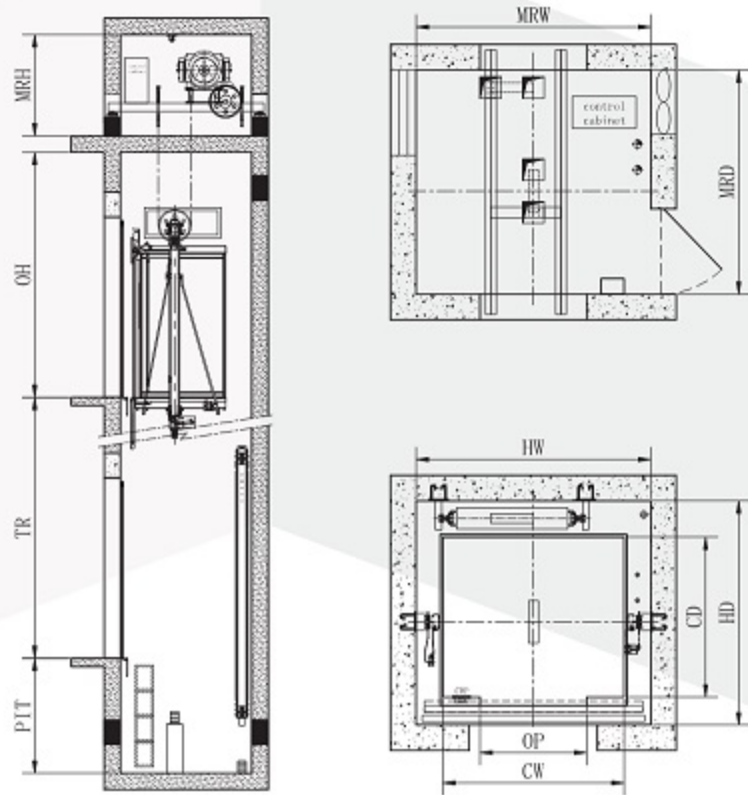


HL001 HL002 HL003 HL004 HL005 HL006

► Transverse display (Optional)



Hb201 Hb204

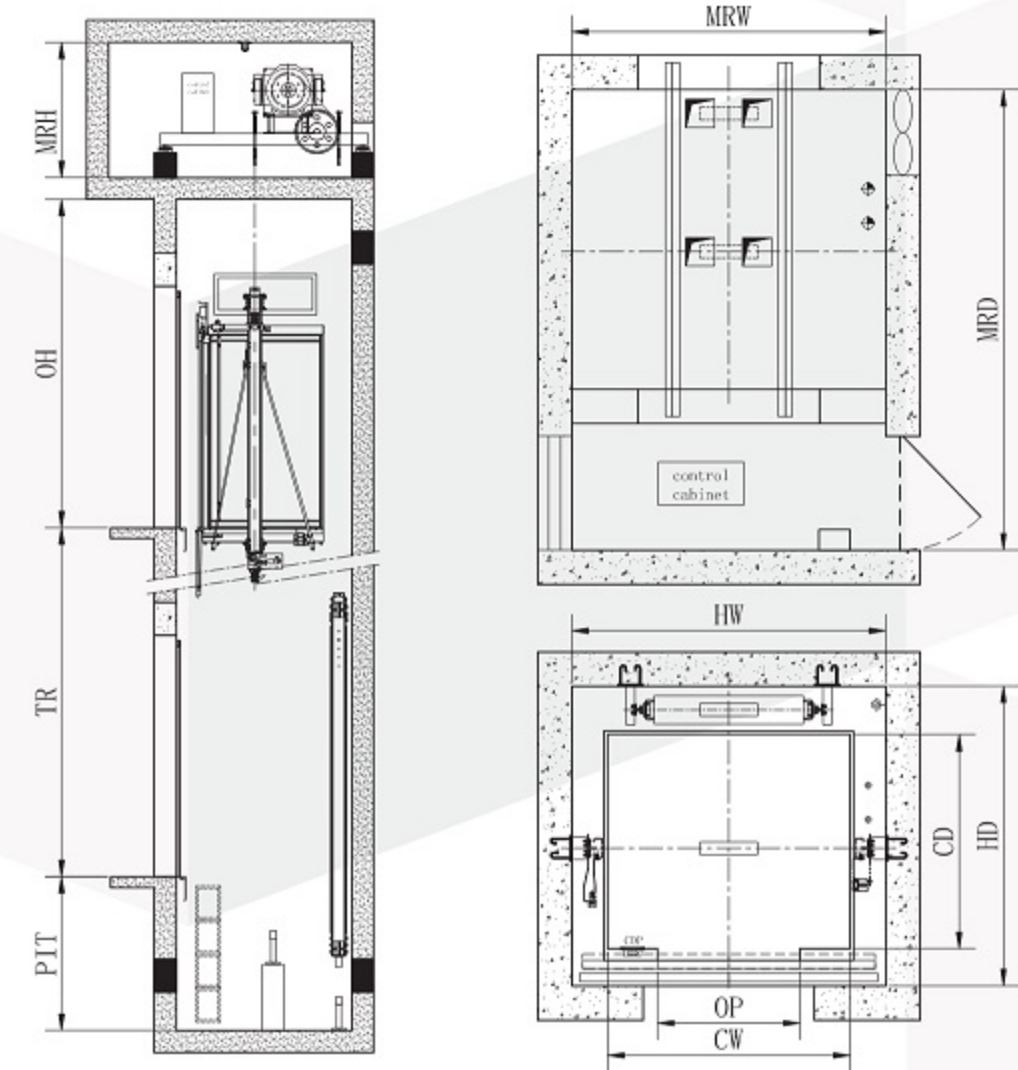
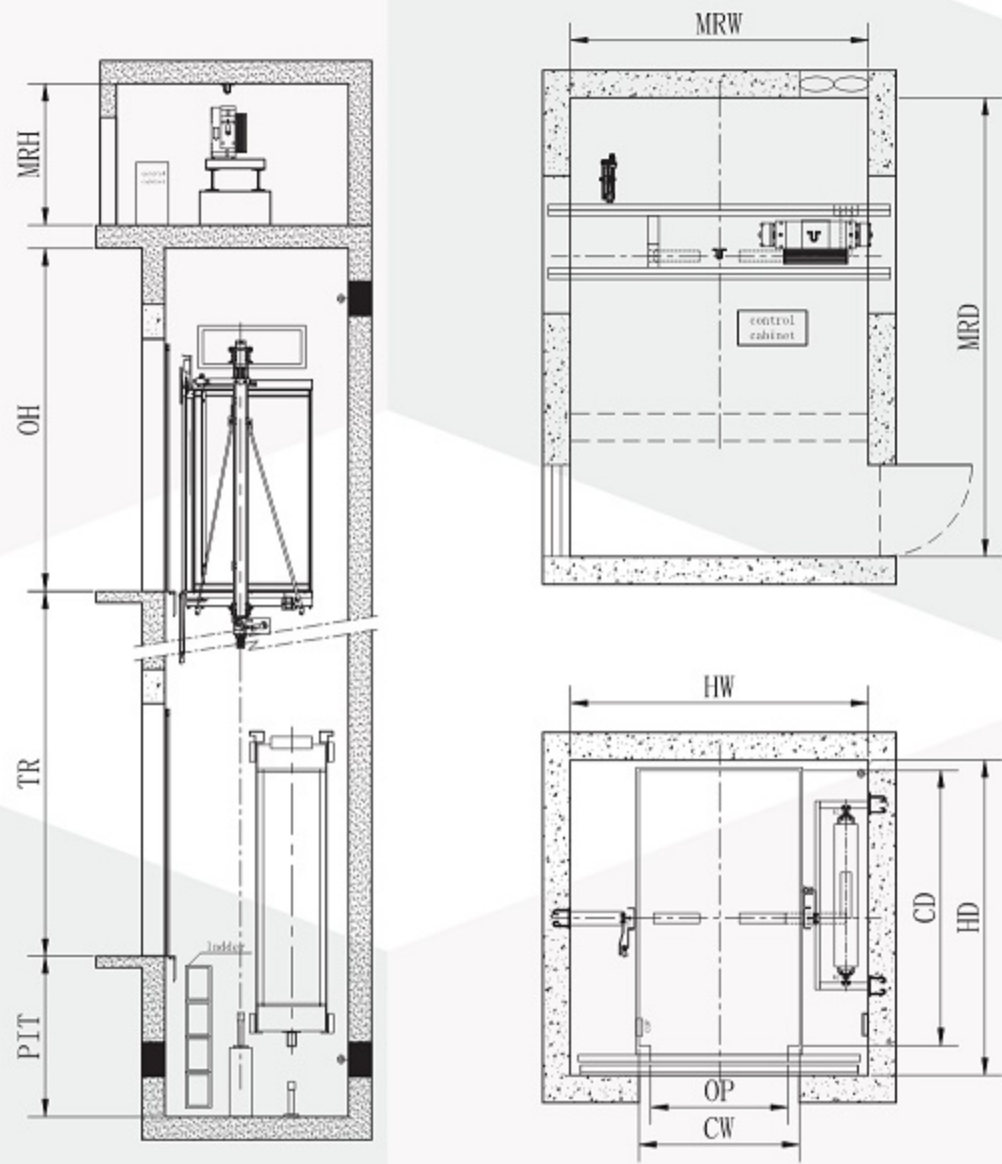


Specifications of passenger elevator with machine room

Load (kg)	Speed (m/s)	Car Size (mm)			Opening Size (mm)		Hoistway Size (mm)				Machine Room Size (mm)			HIGHEST Floors	Highest Rise Height (m)
		CW	CD	CH	OP	HH	HW	HD	OH	PIT	MRW	MRD	MRH		
450	1	1100	1100	2300	700	2100	1600	1700	4050	1400	1600	1700	≥2500	16	50
	4200								1500	25				75	
630	1	1300	1200	2300	800	2100	1800	1800	4050	1400	1800	1800	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
800	1	1400	1350	2300	800	2100	1850	1950	4050	1400	1850	1950	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
	4400								1600	36				110	
	4600								1850	40				120	
1000	1	1600	1500	2300	900	2100	2050	2100	4050	1400	2050	2100	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
	4400								1600	36				110	
	4600								1850	40				120	
1150	1	1700	1500	2300	1000	2100	2200	2100	4050	1400	2200	2100	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
	4400								1600	36				110	
	4600								1850	40				120	
1250	1	1700	1700	2300	1000	2100	2200	2400	4100	1450	2200	2400	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
	4400								1600	36				110	
	4600								1850	40				120	
1350	1	1800	1700	2300	1100	2100	2400	2400	4100	1450	2400	2400	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
	4400								1600	36				110	
	4600								1850	40				120	
1600	1	1900	1800	2300	1200	2100	2600	2500	4100	1450	2600	2500	≥2500	16	50
	4200								1500	25				75	
	4250								1550	30				90	
	4400								1600	36				110	
	4600								1850	40				120	

Specifications of passenger elevator without machine room

Load (kg)	Speed (m/s)	Car Size (mm)			Opening Size (mm)		Hoistway Size (mm)				HIGHEST Floors	Highest Rise Height (m)		
		CW	CD	CH	OP	HH	HW	HD	OH	PIT				
450	1	1100	1100	2300	800	2100	1800	1450	4050	1300	1800	1450	16	50
	4200								1400	25			75	
630	1	1200	1300	2300	800	2100	1950	1650	4050	1300	1950	1650	16	50
	4200								1400	25			75	
	4250								1450	30			90	
800	1	1350	1400	2300	800	2100	2100	1800	4050	1300	2100	1800	16	50
	4200								1400	25			75	
	4250								1450	30			90	
1000	1	1500	1600	2300	900	2100	2250	2000	4050	1300	2250	2000	16	50
	4200								1400	25			75	
	4250								1450	30			90	
1150	1	1550	1700	2300	1000	2100	2400	2100	4050	1300	2400	2100	16	50
	4200								1400	25			75	
	4250								1450	30			90	
1250	1	1700	1700	2300	1000	2100	2500	2100	4050	1300	2500	2100	16	50
	4200								1400	25			75	
	4250								1450	30			90	
1350	1	1700	1800	2300	1100	2100	2500	2200	4050	1300	2500	2200	16	50
	4200								1400	25			75	
	4250								1450	30			90	
1600	1	1800	1900	2300	1200	2100	2600	2300	4050	1300	2600	2300	16	50
	4200								1400	25			75	
	4250								1450	30			90	



Specification parameter of hospital elevator

Load (kg)	Speed (m/s)	Car Size (mm)			Opening Size (mm)		Hoistway Size (mm)				Mzchine Room Size (mm)			HIGHEST Floors	Highest Rise Height (m)
		CW	CD	CH	OP	HH	HW	HD	OH	PIT	MRW	MRD	MRH		
1000	1	1100	2100	2300	800	2100	1900	2450	4050	1400	1900	2450	≥2500	16	50
	1.5								4200	1500				25	75
	1.75								4250	1550				30	90
	2								4400	1600				36	110
1350	1	1300	2300	2300	1100	2100	2400	2700	4100	1450	2400	2700	≥2500	16	50
	1.5								4200	1500				25	75
	1.75								4250	1550				30	90
	2								4400	1600				36	110
1600	1	1400	2400	2300	1200	2100	2600	2800	4100	1450	2600	2800	≥2500	16	50
	1.5								4200	1500				25	75
	1.75								4250	1550				30	90
	2								4400	1600				36	110

High speed passenger elevator

Load (kg)	Speed (m/s)	Car Size (mm)			Opening Size (mm)		Hoistway Size (mm)				Mzchine Room Size (mm)			HIGHEST Floors	Highest Rise Height (m)
		CW	CD	CH	OP	HH	HW	HD	OH	PIT	MRW	MRD	MRH		
1050	3	1600	1500	2500	900	2300	2300	2500	5500	2800	2500	4600	≥2500	66	200
	3.5								5800	3350				66	200
	4								6100	4000				66	200
	3								5500	2800				66	200
1150	3.5	1700	1500	2500	1000	2300	2400	2500	5800	3350	2600	4600	≥2500	66	200
	4								6100	4000				66	200
	3								5500	2800				66	200
	3.5								5800	3350				66	200
1350	4	1800	1700	2500	1100	2300	2600	2700	6100	4000	2800	4600	≥2500	66	200
	3								5500	2800				66	200
	3.5								5800	3350				66	200
	4								6100	4000				66	200
1600	3	1900	1800	2500	1200	2300	2700	2800	5500	2800	2900	4600	≥2500	66	200
	3.5								5800	3350				66	200
	4								6100	4000				66	200
	5								7000	5000				66	200
	3								5500	2800				66	200

PASSENGER ELEVATOR FUNCTION TABLE

Note: O is optional for residential △ is optional for business and hotel

General Protection

Closing time protection	Protection against reverse travel	
Emergency fire operation (EFO)	Prevent slipping protection	
Emergency lighting in the car	Safety circuit protection	
Overload warning (Caution light and buzzer)	Limit protection	
The screen door protection device	Upper and lower limit protection device	
Car roof and control cabinet emergency electric operation	Door interlock protection	
Fault automatic diagnosis	Operation contactor protection	
Alarm bell	Brake detection and protection	
Hitting the bottom buffer device	Manual brake release rescue (only for elevator with machine room)	
Outside door zone without opening door	Machine room door switch	
Wave detection of grid voltage	Driven equipment overheating protection (OHT)	
Contactor feedback detection	Fire signal feedback	
Relay detection protection	Electric brake (only for elevator without machine room)	
Speed feedback detection	Power-off emergency leveling	○ △
Fault low-speed self-rescue	Emergency power supply device operation	○ △
HB button embedded self-diagnosis	Firefighters service (in car)	○ △

Information Display

Hall and car digital position indicator	Running number display
Hall and car call/register	Floor display character arbitrary setting
Hall and car running direction display	

Steady Running

Return to base station without call	End station for speed and floor number correction	
Full collective control	Parking	
Independent service	Two parallel	△
Full-load direct running (LNS)	Door opening re-leveling	○
Automatic door switch	Advance door opening	○
Pre-torque output	Group control operation management	○ △
Upon elevator floor setting	Double-door elevator	○ △
Hoistway self-learning		

Comfortable Ride

Hall and car door setting time	Manually selected floor	
Open and close button	Cancellation of wrong landing	
Automatic ventilation and lighting of automatic control in car	Anti-nuisance operating	
Automatic cancellation of reverse order	Car arrival gong	△
HB calls door opening	Attendant control	○ △
Repeated closing door	Ventilator automatic control (only for residential)	○
Bypassed stop setting	Voice announcement	○
Input port evaluation	Liquid display (only for residential)	○

Security Monitoring

Intercom from monitor room to machine room, car (Exclude machine room wired to monitor room)	Card reader	○ △
CCTV cable (From car to machine room)	BA interface (Dry contact)	○ △
Elevator remote control	Community monitoring panel	○ △
	Community computer monitoring	○ △