

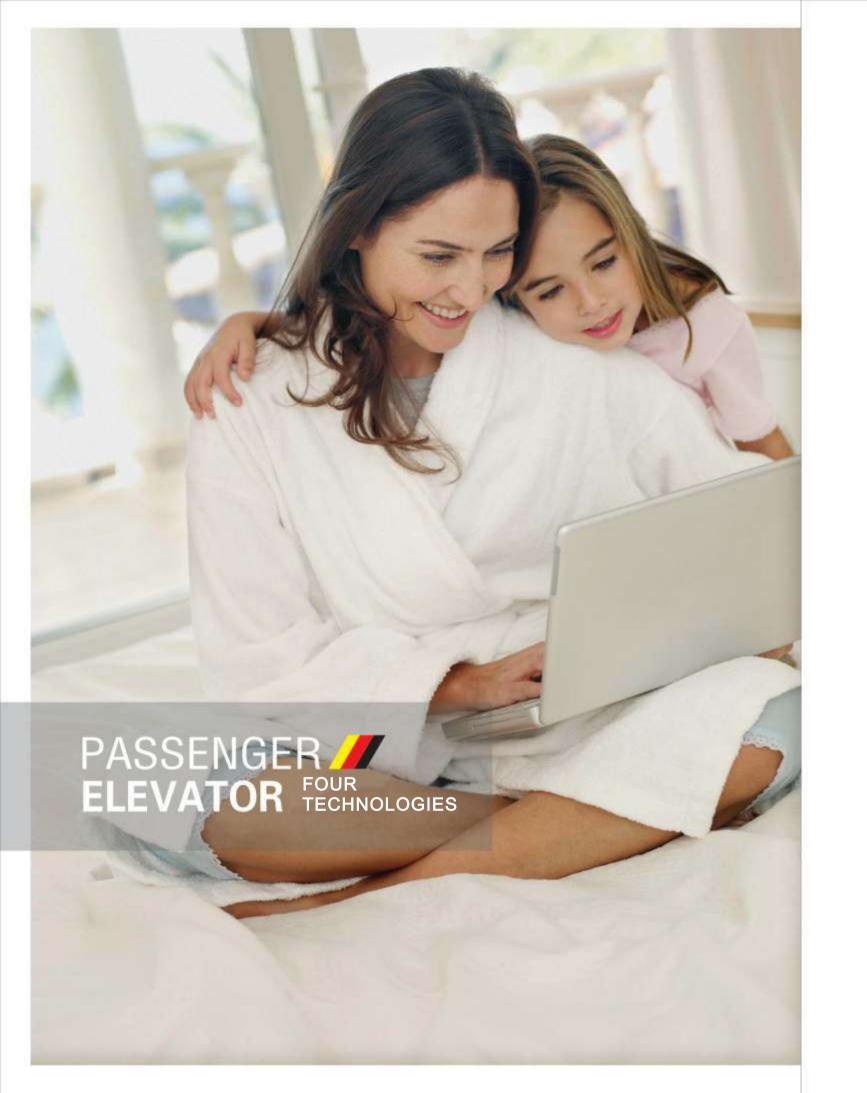
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▶ Intelligence - intelligent running, high-efficient experience

Intelligent group control manage system

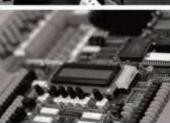
By centralized control to multi elevators, this system will allocate elevator response rationally and dispatch the most suitable car to each landing. Ensure passengers to enjoy the timely service in any case.

Full computer intelligent control system

This system uses high-performance 64bit microcomputer processing chip, realizes multi – microcomputer, modularization, network control and improves data processing time.

Intelligent microcomputer module built-in system combines fuzzy logic serial communication technology to achieve fast information transmission, improve the system scheduling and operation rate further, and make elevator performance more excellent.





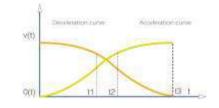
▶ Comfort – enjoy smooth and pleasant trip

High-end door-motor system

The advanced VVVF control technology applies to the door-motor system, makes door starting, speeding up, braking curves smooth and fluent. Bring comfort to passengers by quiet switches.

Accurate position control system

This system uses advanced sensor that gets real-time signal feedback of the movement state of motor rotor. To make car positioning precision reach zero for better in and out freely.





> Safety − humanity care all the way

ID/IC card identification system

This system controls the use of elevators by ID/IC card. Users take elevator by card to improve safety of buildings and efficiency of property management and create private space for them.

Infrared light curtain protection system

There's intensive light curtain protective barrier that naked eye cannot see at entrance, it could make sensitive response quickly to any objects in detection range in order to protect passenger safe efficiently.



Energy-saving – green model, path to sustained

A new generation of gearless permanent magnet synchronous traction machine

Excellent driving performance, more high-efficient running smart figure with convenient layout saves 10% construction area compared with the same load gear elevator, it saves 50% electric energy.

Energy feedback technology

Through energy feedback device, electric energy converted by potential energy produced when in elevator running gives back to the grid for the use of other electrical equipments in the building, this device could save 30% electric energy efficiently.

LED energy-saving lighting in car

We adopt super long-life LED light without harmful substances to save 80% energy saving than conventional tube under the same illumination.

Car automatic lighting system

Turn off lighting automatically if nobody in the car.

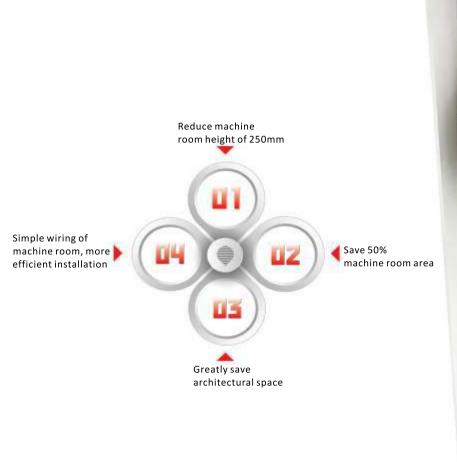
Turn off lighting automatically after receiving calls.



Less space, more intelligence

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

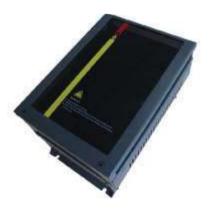
LARSSON passenger elevator with small machine room uses compact layout of gearless permanent magnet synchronous traction machine and control cabinet to save construction space and expand utility rate of space. As machine room area is exactly same with shaft area, a harmony mechanical and electrical greenway comes into being. It is perfect into the building and increasing the aesthetic feeling.



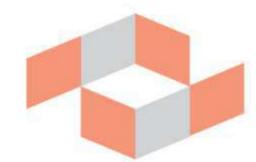
Leading advantage gives you unlimited possibility

▶ Optimize space, design span

With machine room less structure, control cabinet and traction are placed in the shaft flexibly. It saves construction area and with artistic and simple shape, which reduces comprehensive construction cost and leaves design space for architects and developers.









> Flexible layout, convenient maintenance

Traction machine is located between shaft top car and shaft wall, control cabinet is next to top hall door, which make the connection between them short enough, easy to repair and maintenance.







Car walls with hairline stainless steel

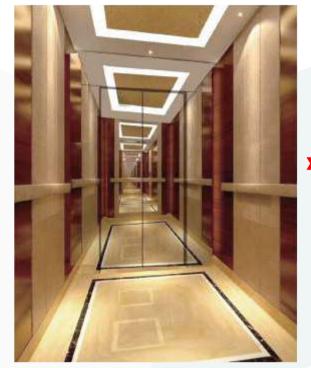


Operation panel



COP004A





Steel paint frame, top with gold foil, hidden lamp tape, spotlight Ceiling

Car wall

Bronze mirror stainless steel, dermatoglyphic hard package, wood veneer, glass mirror, hidden lamp tape

Dermatoglyphic hard pack Handrail

Baseboard Marbal

Ground Marble mosaic



DC202

Ceiling Titanium mirror stainless steel, titanium

hair, top with gold foil, back light tank

Decorative film, titanium mirror stainless Car wall

steel, metal mosaic

Handrail Wooden handrail

Baseboard Titanium hairline

Marble mosaic Ground





Ceiling

Handrail

Ground

square lamp Titanium mirror stainless steel, wooden veneer, Side car wall titanium mirror stainless steel trip Titanium mirror stainless steel, wood carving, Back car wall jade Front car wall Titanium mirror stainless steel

Wooden, stainless steel

Marble mosaic

Titanium mirror stainless steel, ceiling lamp,



DC216

Ceiling Wooden veneer, light belt, ceiling lamp Car wall

Wooden veneer frame, wooden venner, the car glass mirror

Front car wall Titanium mirror stainless steel

Handrail Wooden, stainless steel

Ground Marble mosaic



DC217

Ceiling Titanium mirror stainless steel, acrylic, art lamp

Titanium mirror stainless steel, titanium frosted stainless steel, wood carving Car wall

Handrail Wooden, stainless steel

Ground Marble mosaic



PASSENGER DELEVATOR BUSINESS CAR DECORATION



DC203

Mirror stainless steel, opal acrylic, down light Ceiling

Side car wall Wooden veneer, mirror stainless steel

Back car wall Mirror etched stainless steel, wooden veneer

Front car wall Mirror stainless steel

Handrail Wooden veneer, mirror stainless steel

Marble mosaic Ground



DC204

Black coating mirror stainless steel, mirror stainless steel, opal acrylic, down light Ceiling

Side car wall Hairline stainless steel, mirror stainless steel

Back car wall Black coating mirror etched stainless steel, hairline stainless steel, mirror stainless steel

strip

Front car wall Hairline stainless steel

Handrail Hairline stainless steel

Ground Black galaxy granite, jazz white marble



▶DC205

Ceiling Hairline stainless steel, acrylic

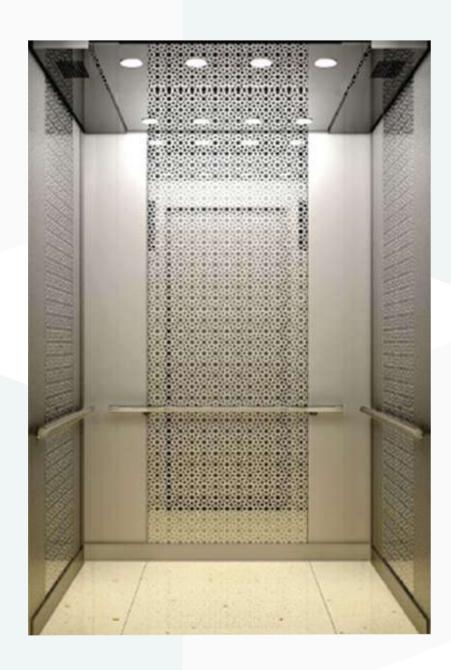
Car wall Marble, hairline stainless steel, glass

mirror

Handrail Stainless steel round tube

Hairline stainless steel Baseboard

Marble Ground



Ceiling Mirror stainless steel, down light

Car wall Hairline stainless steel, mirror etched stainless steel

Stainless steel Handrail

Mirror stainless steel Baseboard

Ground Marble



DC213

Crystal mask of acrylic Ceiling

Side car wall Marble veneer, black coating hairline

stainless steel

Hairline stainless steel, lamp, black coating hairline stainless steel Back car wall

Front car wall Black coating mirror stainless steel

Handrail Hairline stainless steel

Marble mosaic Ground



▶ DC214

Ceiling Painted steel, down light, lamp

Side car wall Marble, bronze mirror stainless steel

Back car wall Mirror etched stainless steel plating

bronze

Handrail Stainless steel round tube

Bronze hairline stainless steel Baseboard

Marble Ground

PASSENGER DELEVATOR RESIDENTIAL CAR DECORATION





▶ DC206

Champagne hairline stainless steel, acrylic

Car wall Champagne hairline stainless steel, mirror hairline stainless steel, mirror etched stainless steel

Handrail Brushed stainless steel (champagne

plating)

Ground Marble



DC207

Ceiling Hairline stainless steel, acrylic

Car wall Mirror stainless steel, decorative

plate

Handrail Stainless steel (polishing)

Ground Marble mosaic





Ceiling

Black titanium hairline, mirror stainless steel, down light, top with silver foil, around the back light tank

Car wall

Wooden veneer, hairline decorative line, black hairline stainless steel, mirror stainless steel

HandrailStainless steel round tubeBaseboardHairless stainless steel

Ground Marble mosaic



DC210

Ceiling

Side car wall

Decorative steel plate, mirror stainless steel

Back car wall

Decorative steel plate, mirror stainless steel

Front car wall Hairline stainless steel

Integral

Handrail Stainless steel round tube

Ground Marble



DC211

CeilingMirror stainless steel, down lightSide car wallHairline stainless steel, color steel plate, stainless steel lineBack car wallHairline stainless steel, mirror etched stainless steelHandrailStainless steel round tube

Hairline stainless steel

Ground marble

Baseboard

PASSENGER DECORATION ELEVATOR SERIES

> PVC Floor







FR102



FR105



FR103



FR104



FR106



FR107



FR108

Note: Besides indicating the standard, others are optional

▶ Spraying color (Standard)



Ceiling



CL001 (Standard)
Hairline stainless steel frame, acrylic lighting



CL002 (Optional)
Hairline stainless steel frame,
acrylic lighting



CL004(Optional)
Sliver Baking finish steel plate,
LED illumination

Marble floor (Optional)



FR001



FR002



FR003



FR004



FR005



FR006



FR007

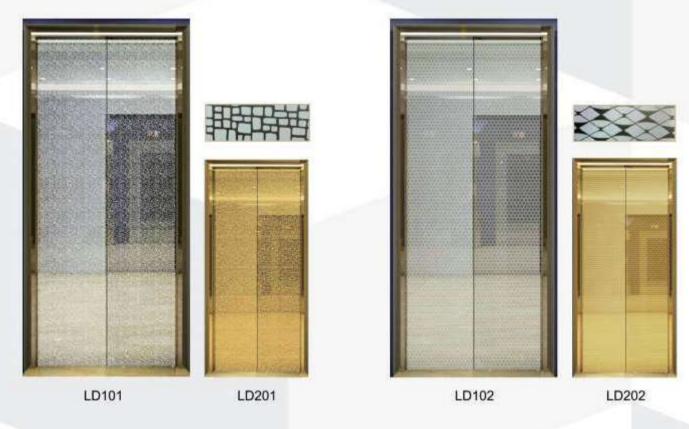


FR008

Note: restricted by printing, the printing color is only for your reference, please refer to our actual samples

PASSENGER DECORATION SERIES

▶ Door plank (mirror etched, titanium mirror etched) (optional)



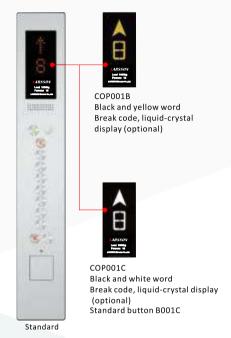
Handrail (optional)

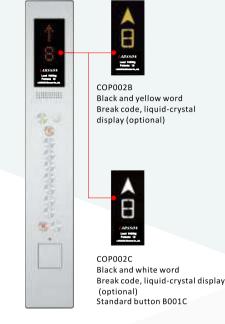




HR006

PASSENGER DELEVATOR OPERATION PANEL





COP001A

Material quality Black plastic frame, hairline

stainless steel panel

Display Orange dot matrix display (optional: COP001B black and vellow word

break code, liquid-crystal display, COP001C black and white word break code, liquid-crystal display)

Button B001A (more options on the button page)

COP002A

Material quality Aluminum frame, hairline stainless

steel panel

Display Orange dot matrix display (optional:

COP002B black and yellow word break code, liquid-crystal display, COP002C black and white word break code,

liquid-crystal display)

B001A (more options on the button

page)

COP004A Black and yellow word Material quality Aluminum frame, hairline stainless Break code, liquid-crystal 00 steel panel display(optional) 00 00 Display Orange dot matrix display(optional: COP004B black and yellow word 00 break code, liquid-crystal display, 00 COP004C black and white word break code, liquid-crystal display **Button** B007A(more options on the button page) COP004B Black and white word Break code.liquid-crysta display(optional) Standand button B007A

All-in-one COP liquid-crystal display

Information display function

Display the elevator floor, moving direction, overload, fire alarm, overhaul and so on automatically

Information release function in real-time

Property management personnel can release community management information or public welfare publicity language to passengers via Internet or USB flash disk. (for example notice, announcement, news, weather forecast, holiday greetings and slogan)

Information display function

Display date, time, customer LOGO

Property value-added features

Color picture or animation could be used for property publicity or advertising promotion, bringing limitless value-added business opportunities

Background music or voice announcement

Voice announcement with good sound quality when elevator arrives, replacing original voice newspaper layer or playing background music

Energy-saving operating function

Automatic closing display without calls is to prolong the service life of LCD screen and save energy

Display update function

Users can update pictures, audio files displayed by LCD by USB flash disk or Internet, and replace mode and interface of LCD freely

Diversified interface

Providing dozens of display information, it's flexible and convenient for users to update

All-in-one COP operating panel



Optional

Material quality Hairline stainless steel panel

Display 7 inches, 8 inches,

10.4 inches picture machine, multimedia

display

Button B001A (more options

on the button page)



Optional display



Black and yellow word break code, liquid-crystal display



Black and white word break code, liquid-crystal display

> Car/hall signal device

HB001A



Material quality Black plastic frame, hairline stainless steel panel

Display Orange dot matrix display (optional: HB001B black and yellow word

break code, liquid-crystal display, HB001C black and white word break code, liquid-crystal display, standard button B001C)

Button B001A (more options on the button page)

HB002A



Material quality White plastic frame, black organic glass panel

Display Orange dot matrix display (optional: HB002B black and yellow word

break code, liquid-crystal display, HB002C black and white word break

code, liquid-crystal display, standard button B001C)

Button B001A (more options on the button page)

HB005A



Material quality Aluminum frame, hairline stainless steel panel

Display Orange dot matrix display (optional: HB005B black and yellow

word break code, liquid-crystal display, HB005C black and white word break code, liquid-crystal display, standard button B001C)

Button B001A (more options on the button page)

HB006A



Material quality Aluminum frame, hairline stainless steel panel

Button B001A (more options on the button page)

HB009A



Material quality Aluminum frame hairline stainless steel panel

Display Orange dot matrix display HB009A(optional:HB009B black

and yellow word break code, liquid-crystal display HB009C black and white word break code, liquid-crystal display)

Button B007A(more options on the button page)

HB101A



Material quality Black plastic frame, stainless steel panel

Display Orange dot matrix display (optional: HB101B black and yellow

word break code, liquid-crystal display, HB101C black and white word break code, liquid-crystal display, standard button B001C)

Button B001A (more options on the button page)

Note: Besides indicating the standard, others are optional

Note: Besides indicating the standard, others are optional

PASSENGER LEVATOR CAR/HALL SIGNAL DEVICE



> Car/hall signal device

Button

Note: Besides indicating the standard, others are optional

HB102A



Material quality Black plastic frame, black organic glass panel

Orange dot matrix display (optional: HB102B black and yellow word Display break code, liquid-crystal display, HB102C black and white word break

B001A (more options on the button page)

code, liquid-crystal display, standard button B001C)

HB105A



Material quality Aluminum frame, hairline stainless steel panel

Orange dot matrix display (optional: HB105B black and yellow word Display

break code, liquid-crystal display, HB105C black and white word break

code, liquid-crystal display, standard button B001C)

Button B001A (more options on the button page)

Button



B001A (standard) Without braille, orange light B001B Without braille, blue light B001C

B101A With braille, orange light B101B

With braille, blue light B101C With braille, white light









Arrival light, button (3 colors), orange blue white



B002A Without braille, orange light B002B Without braille, blue light B002C Without braille, white light

B102A With braille, orange light B102B With braille, blue light B102C With braille, white light



HL003A Orange light HL003B Blue light HL003C White light



B004A Without braille, orange light B004B Without braille, blue light B004C Without braille, white light

B104A With braille, orange light B104B With braille, blue light B104C With braille, white light



HL004A Orange light HL004B Blue light HL004C White light



B005A Without braille, orange light B005B Without braille, blue light B005C Without braille, white light

B105A With braille, orange light B105B With braille, blue light B105C With braille, white light



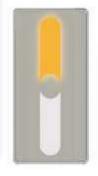
HL005A Orange light HL005B Blue light HL005C White light



HL001A Orange light HL001B Blue light HL001C White light



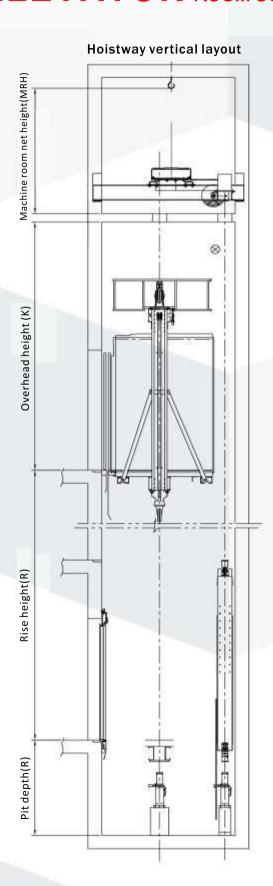
HL002A Orange light HL002B Blue light HL002C White light

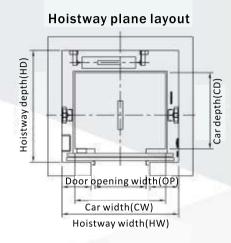


HL006A Orange light HL006B Blue light HL006C White light

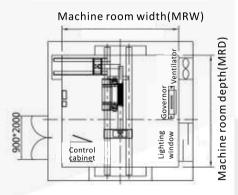
Note: Besides indicating the standard, others are optional

PASSENGER DELEVATOR WITH MACHINE ROOM CONSTRUCTION LAYOUT





Machine room plane layout



Specifications of passenger elevator with machine room (residential)

Note: Stan	dard first	floorheig	ht 1m oth	ner floors 3m
Note: Stan	aara iirsi	Tioot neis	nt 4m. otr	ier noors sm

KG m/s Load Speed	m/s	Car size mm			Opening size mm		Hoistway size mm				Highest	Highest rise	MARIA		
	Speed	CW	CD	СН	OP	ОРН	HW	HD	K	S	floors	height m	MRW mm	MIKU mm	MIKH mn
1	1	2000111900	1-200	2500	-	CATALOG ST	1850	Sec. Company	4250	1400	15	50		1750	2500
630	1.5	1400	1100		800	2100		1750	4350	1450	24	80	1850		
ATROCKE	1.75		1 34000		1000000	I H Carbon Co			4400	1500	32	95	1000000	1-2000000	11/7/3/25/19
	1				-				4300	1400	15	50			
	1.5						1850	2050	4400	1450	24	80	1850	2050	
800	1.75	1400	1400	2500	800	2100			4450	1500	32	95			2500
	2		A.C. 10041	CALAN			2000	2050	4800	1750	35	110	2000	noro	1100000000
	2.5						2000	2050	5000	1950	40	130	130 2000 2050		
	1						Tarana and		4300	1400	15	50			
	1.5						2050	2050	4400	400 1450 24 80 2050 2050 450 1500 32 95 800 1750 35 110 2200 2100	2050				
The second secon	1.75	1600	1400	2500	900	2100			4450	1500	32	95	2200		2500
	2						GOEW	2000	4800	1750	35	110		2100	
	2.5						2200	2100	5000	1950	40	130			
	1	1800 1500							4550	1550	15	50			
	1.5		2500	1100	2100	2400	2200	4700	1600	24	80	2500	2150	2500	
1150	1.75							4750	1650	32	95				
	2			1111111	5510102	0.000	21172	Branchi	4800	1750	35	110	0.000	2000	
	2.5								5000	1950	40	130			
	1								4550	1550	15	50	2500	2200	2500
	1.5				1100		2500	2200	4700	1600	24	80			
1350	1.75	2000	1500	2500		2100			4750	1650	32	95			
	2								4800	1750	35	110			
	2.5								5000	1950	40	130			
	1			0 2500					4550	1550	15	50			2500
	1.5								4700	1600	24	80	2500		
1.600	1.75	2000 1	1700		1100	2100	2500	2400	4750	1650	32	95		2400	
	2		2 1000000	7.750.50	11-1-15			350,1939.	4800	1750	35	110		(F) (F) (F) (F) (F)	Come to B.
	2.5				200				5000	1950	40	130			

Specifications of passenger elevator with machine room (business, hotel)

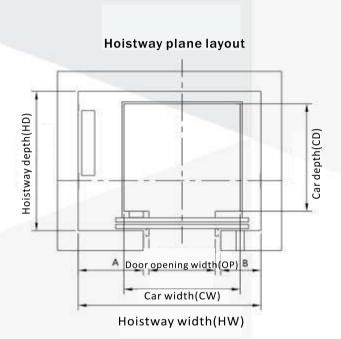
Note: Standard 1,2 floor height 5m, other floors 3.3m

KG m/s Load Speed	m/s		Car size mm			Opening size mm		Hoistway size mm				Highest rise	MARIA		
	Speed	CW	CD	СН	OP	ОРН	HW	HD	К	S	floors	height m	IVIKW mm	MRD mm	MRH mm
1	1			2700		273			4500	1400	1.2	50		2050	
	1.5						2050	2050	4600	1450	20	80	2050		
1000 2	1.75				900				4650	1500	24	95	51039		
		1600	1400			2300	7200	22.00	5000	1750	30	110	2200	2500	
	2.5			100000480			2200	2100	5200	1950	35	130	2200	2100	2500
	3						2300	2200	5700	3600	45	165	2300	2200	2,500
	4						2300	2250	6000	4400	60	215	2300 2250		
	1								4750	1550	1.2	50	- 1		
1.5	1.5							100	4900	1600	20	80	1		
	1.75					2400	2200	4950	1650	24	95	2500	2150		
1150	2	1800	1500	2700	1100	2300	2.100		5000	1750	30	110	1	75.75.X5771	2500
13	2.5								5200	1950	35	130			
	3						2600	2200	5700	3600	45	165	2600	2200	
	4						2600	2250	6000	4400	60	215	2600	2250	
	1		2000 1500 2700				2550	2200	4750	1550	12	50	2500	2200	
	1.5								4900	1600	20	80			
	1.75								4950	1650	24	95			
1350	2	2000		1100	2300	107459(9)		5000	1750	30	110	2000000	PATE DOLL	100000	
	2.5	2000 1000	- 00	- 5555	0930000			5200	1950	35	130				
	3						2600	2250	5700	3600	45	165	2600	2250	2500
	4						2600	2300	6000	4400	60	215	- I was to the same of the sam	2300	
	1								4750	1550	12	50			
	1.5		2000 1700 2700						4900	1600	20	80	2500		
	1.75			0 2700	1100		2550	2400	4950	1650	24	95		2400	
1600	2	2000				2300	7.55	NEW PROPERTY.	5000	1750	30	110		2400	
5.47/2	2.5			1					5200	1950	35	130	10		2500
	3						2600	2450	5700	3600	45	165	2600	2450	2500
	4						2600	2500	6000	4400	60	215	2600	2500	

 $Note: The\ drawings\ and\ specifications\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ and\ specifications\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ and\ specifications\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ LARSSON\ are\ only\ for\ your\ reference,\ final\ order\ please\ confirm\ with\ please\ for\ your\ please\ for\ your\$

PASSENGER DELEVATOR WITHOUT MACHINE ELEVATOR ROOM CONSTRUCTION LAYOUT

Hoistway vertical layout K-K Overhead height(K) Rise height(R) Pit depth(S)



A>B, specific size shown on the drawings



Specifications of passenger elevator without machine room

Note: Standard first floor height 4m, other floors 3m

KG	m/s	Car size mm			Opening size mm		Hoistway size mm				Highest	Highest rise
Load	Speed	CW	CD	СН	OP	ОРН	HW	HD	К	S	floors	height m
630	1	1100			700	2100	1750	1800	4150	1400	15	50
	1.5		1400	2380	1000000		1850		4300	1500	24	80
	1.75				800				4400	1550	24	80
	1		1400	2380	800	2100	2050	1800	4150	1400	15	50
800	1.5	1400							4300	1500	24	80
	1.75								4400	1550	24	80
	1	1600	1400	2380	900	2100	2250	1800	4150	1400	15	50
	1.5								4300	1500	24	80
	1.75								4400	1550	24	80
	1	1600 1		2500	900	2100	2400	2000	4250	1550	15	50
1150	1.5		1600						4400	1700	24	80
	1.75								4500	1700	32	95
	1			2500		2100	3000	2100	4550	1700	15	50
1350	1.5	2000	1500		1100				4650	1750	24	80
	1.75								4700	1800	32	95
	1	2000						2200	4550	1700	15	50
1600	1.5		1700	2500	1100	2100	3000		4650	1750	24	80
	1.75									4700	1800	32

Note: The drawings and specifications are only for your reference, final order please confirm with LARSSON

PASSENGER ELEVATOR FUNCTION TABLE

General Protection

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



Information Hall and car digital position indicator

Hall and car call/register

Hall and car running direction display

Running number display

Floor display character arbitrary setting



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) \bigcirc Door opening re-leveling Automatic door switch Advance door opening 0 Pre-torque output Group control operation management \bigcirc \triangle Upon elevator floor setting Double-door elevator ΟΔ Hoistway self-learning

 \triangle is optional for business and hotel



Comfortable Hall and car door setting time Manually selected floor Cancellation of wrong landing Open and close button Anti-nuisance operating Automatic ventilation and lighting of automatic control in car Car arrival gong

 \triangle Automatic cancellation of reverse ОД Attendant control order HB calls door opening Ventilator automatic control (only for residential) Repeated closing door 0 Voice announcement Bypassed stop setting 0 Liquid display (only for residential) Input port evaluation



Intercom from monitor room to machine room, car (Exclude machine room wired to monitor room)

Note: O is optional for residential

BA interface (Dry contact) CCTV cable (From car to machine room) Community monitoring panel

ΟΔ Elevator remote control Community computer monitoring

Card reader

ΟΔ

ΟΔ

O \triangle