



LGS Global Elevators & Escalators Limited

Home Elevator

LGS Global Elevators & Escalators Limited

Address: 1676 Oladele Olashore Street (Katia Gardens), Victoria Island, Lagos, Nigeria

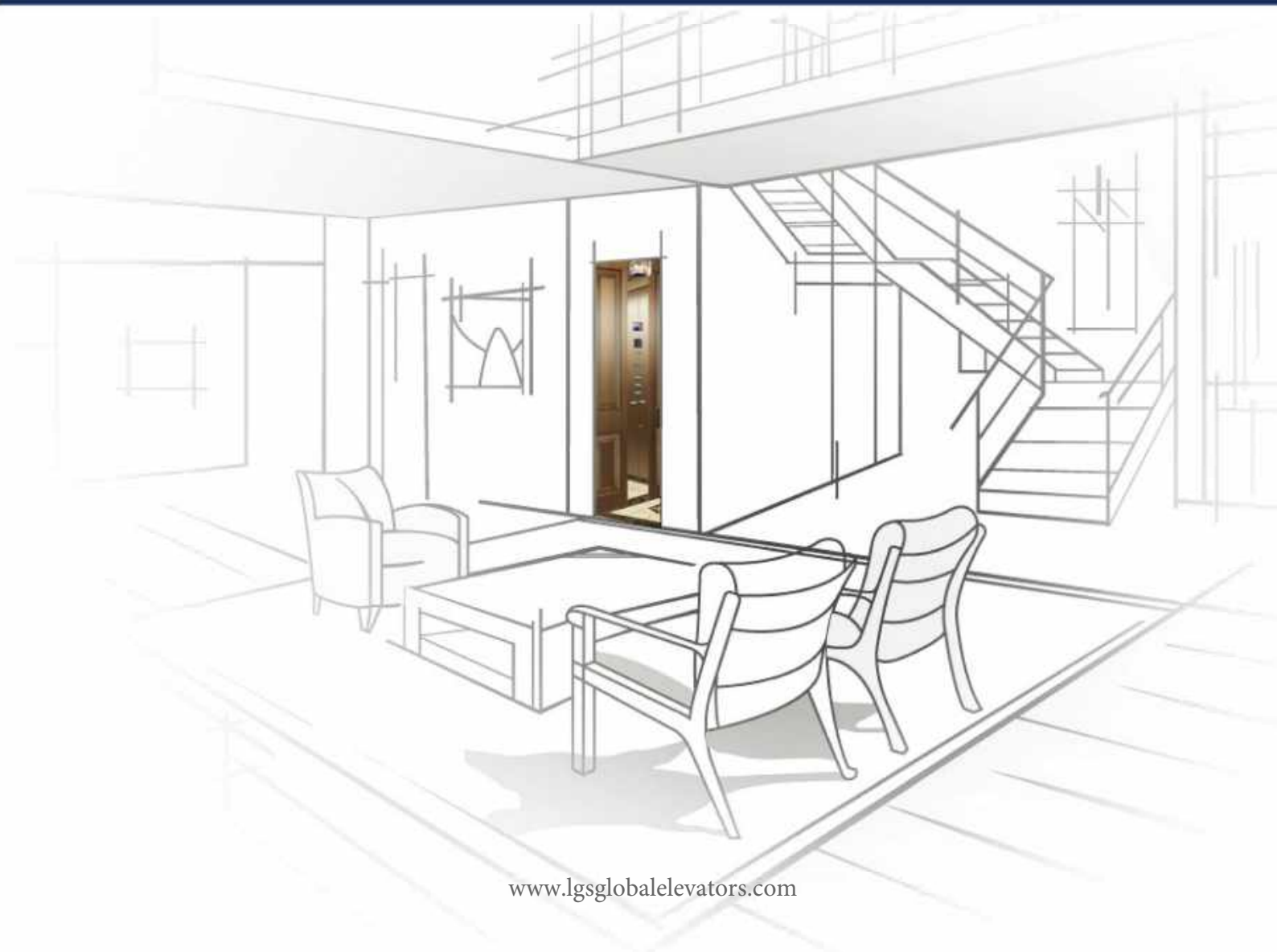
Phone: +234 (0) 704 992 2142 / +234 (0) 901 245 1885

Homepage: www.lgsglobalelevators.com

Email address: info@lgsglobalelevators.com

We reserve the right to change designs and specifications for the product improvement without prior notice.
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www.lgsglobalelevators.com





Our Dear Valued Client,

Welcome to LGS Global Elevators & Escalators Limited, the exclusive distributor, marketer and partner of LGS Elevator Korea. LG (LG Electronics) shorts for Lucky Goldstar, was the result of a merger between Goldstar and Lucky Chemicals in 1994.

Our story began back in 2000 after the closure of LG Industrial Systems Elevator, a division of LG Electronics which manufactured elevators and escalators. A predecessor of Goldstar, the division was acquired by Otis and became LG-Otis Elevator Company until in early 2000, when it was renamed and closed. This paved way for the birth of LGS Elevator Korea, a company that has continued to make quality elevators and escalators with a reputation as one of the best and most reliable elevators companies in Asia and the Middle East.

At LGS Elevators, we develop customized elevators and escalators to suit the design of our client's building. Apart from focusing on the ride and safety, we also take into consideration the efficient use of the space. It is our intention to provide you with a product that will not only increase the value of your building but will also stun visitors with its flawless designs.

Everyday millions of people utilize our elevators and escalators, and we take responsibility in ensuring the safety of all our passengers. Our goal is to provide you with a convenient, noiseless, safe, and smooth ride.

We promise that you will be completely satisfied with the purchase of your LGS Elevator products and the services we render.

Welcome to the new generation of safe vertical mobility.

Contents

- 01. About LGS Company
- 03. Car design
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- 16. Planning Guide

CAR DESIGN



Front View

Home Modern-HL 01

- Ceiling H-C06 / STS-HL
- Car Door STS-HL-ET (LG-ET001)
- Car Wall Rear : STS-HL-ET(LG-ET001)
Front : STS-HL
Side: STS-HL
Side center : STS-MR
- Handrail HR-01/STS
- Floor PVC Deco Tile



Rear View

Home Modern-HL 02

- Ceiling H-C01 / STS-HL
- Car Door STS-HL-ET (LG-ET052)
- Car Wall Rear : STS-HL-ET(LG-ET052)
Front : STS-HL
Side : STS-HL
Side center : STS-MR
- Handrail HR-01/STS
- Floor PVC Deco Tile



Rear View



Front View

CAR DESIGN



Front View

Home Deluxe-MR01

- Ceiling H-C03 / STS-MR
- Car Door STS-MR-ET (LG-ET004)
- Car Wall Rear : STS-MR-ET(LG-ET004)
Front : STS-MR
Side: STS-MR-ET(LG-ET004)
Side center : STS-MR
- Handrail HR-01/STS
- Floor Marble(by Others)



Rear View

Home Deluxe-MR02

- Ceiling L-C08 / STS-MR
- Car Door STS-MR-ET (LG-ET051)
- Car Wall Rear : STS-MR-ET(LG-ET051)
Front : STS-MR
Side : STS-MR-ET(LG-ET051)
Side center : STS-MR
- Handrail HR-01/STS
- Floor Marble(by Others)



Rear View



Front View

Note
The printed image might be different from actual product.
Car wall image (partition)can be different (changed) depending on capacity or Car size.

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| CAR DESIGN
»» Optional



Front View

Home Deluxe 03 / Art Film

Ceiling	H-C07 / STS-HL
Car Door	STS-HL
Car Wall	Rear : Interior Film(EL-047) Front : STS-HL Side: Interior Film(EL-047)
Handrail	HR-06/wood
Floor	Marble(by Others)



Rear View

Home Deluxe-04 / Art Film

Ceiling	L-C08 / STS-HL
Car Door	STS-HL
Car Wall	Rear : Interior Film(EV-ET079) Front : STS-HL Side : Interior Film(EV-079)
Handrail	HR-06/wood
Floor	Marble(by Others)



Rear View



Front View

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| CAR DESIGN
»» Optional



Front View

Home Luxury-01 / Art Film

Ceiling	H-C07 / STS-HL-Ti-Bronze
Car Door	STS-HL-Ti-Bronze
Car Wall	Rear : Interior Film(NW-055) Front : STS-HL-Ti-Bronze Side: Interior Film(NW-055)
Handrail	HR-06/wood
Floor	Marble(by Others)



Rear View

Home Luxury-02 / Art Film

Ceiling	L-C08 / STS-MR-Ti-Bronze
Car Door	STS-MR-Ti-Bronze (LG-ET053)
Car Wall	Rear : Interior Film(EL-053) Front : STS-MR-Ti-Bronze Side : Interior Film(EL-053)
Handrail	HR-06/wood
Floor	Marble(by Others)



Rear View



Front View

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CAR DESIGN

Optional



Front View

Home Luxury-03 / Ti-Bronze

- | | |
|----------|---|
| Ceiling | H-C07 / STS-HL-Ti-Bronze |
| Car Door | STS-HLET-Ti-Bronze(LG-ET053) |
| Car Wall | Rear : STS-HLET-Ti-Bronze(LG-ET053)
Front : STS-HL-Ti-Bronze
Side: STS-HL-Ti-Bronze
Side center : STS-MR-Ti-Bronze |
| Handrail | HR-01/Ti-Bronze |
| Floor | Marble(by Others) |



Rear View

CAR DESIGN

Optional



Front View

Home Luxury-05 / Wood

- | | |
|----------|---|
| Ceiling | H-C06 / STS-HL-Ti-Bronze |
| Car Door | STS-HL-Ti-Bronze |
| Car Wall | Rear : Wood, STS-HL-Ti-Bronze
TRIM: STS-MR-Ti-Bronze
Front : STS-HL-Ti-Bronze
Side: Wood
Side center : STS-MR-Ti-Bronze |
| Handrail | HR-06/wood |
| Floor | Marble(by Others) |



Rear View

Home Luxury-04 / Ti-Gold

- | | |
|----------|--|
| Ceiling | L-C08 / STS-HL-Ti-Gold |
| Car Door | STS-HLET-Ti-Gold(LG-ET054) |
| Car Wall | Rear : STS-HLET-Ti-Gold(LG-ET054)
Front : STS-HL-Ti-Gold
Side : STS-HL-Ti-Gold
Side center : STS-MR-Ti-Gold |
| Handrail | HR-01/Ti-Gold |
| Floor | Marble(by Others) |



Rear View



Front View

Home Luxury-06 / Wood

- | | |
|----------|--|
| Ceiling | Wood |
| Car Door | STS-HL-Ti-Bronze |
| Car Wall | Rear : Wood, Wood Molding
Front : STS-HL-Ti-Bronze
Side : Wood, Wood Molding
Side center : STS-MR-Ti-Bronze |
| Handrail | HR-06/wood |
| Floor | Marble(by Others) |



Rear View



Front View

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CAR DESIGN

Optional



Front View

Home Panoramic-01 (1 Side view)

- Ceiling H-C01 / STS-HL
- Car Door STS-HL-ET (LG-ET063)
- Car Wall Rear : Glass with STS-HL Frame
Front : STS-HL
Side: STS-HL
Side center : STS-MR
- Handrail HR-01/STS
- Floor Marble(by Others)



Rear View

Home Panoramic-02 (3Side View)

- Ceiling L-C06 / STS-MR
- Car Door STS-MR-ET(LG-ET052)
- Car Wall Rear : Glass with STS-MR Frame
Front : STS-MR
Side : Glass with STS-MR Frame
Side center : STS-MR
- Handrail HR-01/STS
- Floor Marble(by Others)



Rear View



Front View

Note
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CEILING



H-C01



H-C02



H-C03



H-C06



H-C07



H-C08

HANDRAIL



HR-01



HR-02



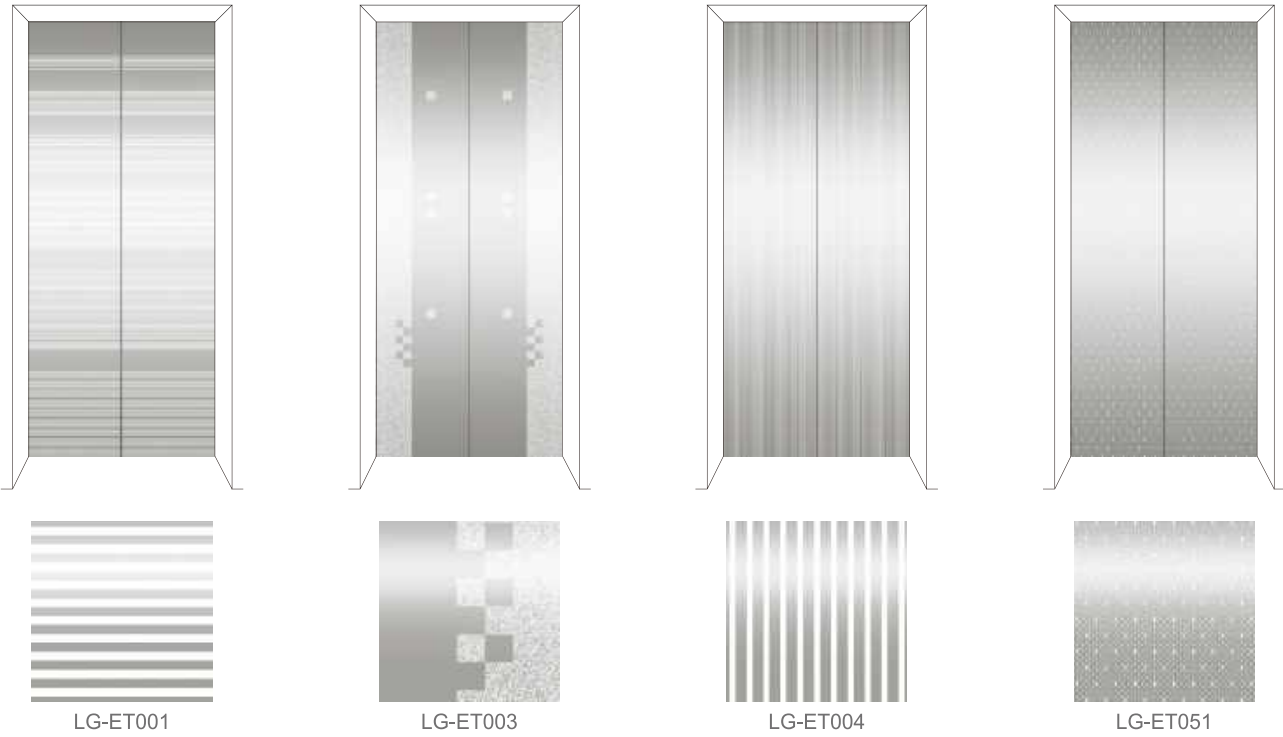
HR-03 / Curved flat bar



HR-06 / Walnut

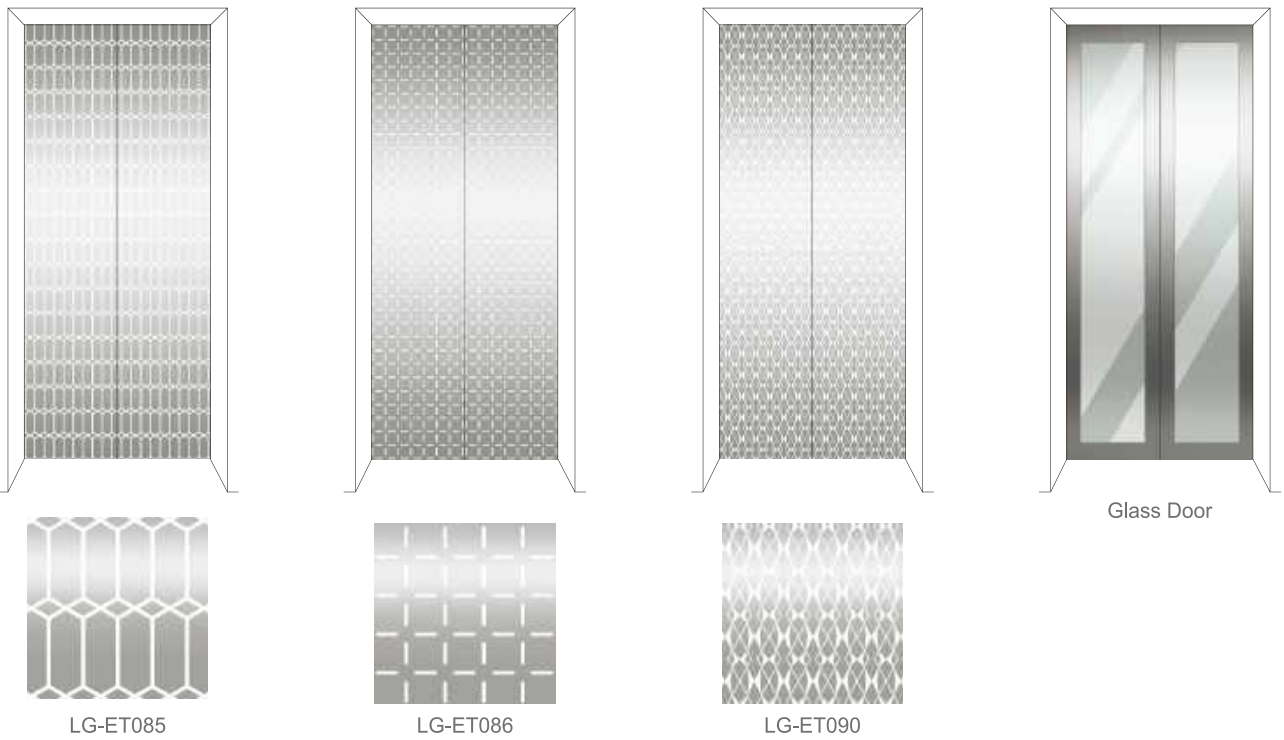
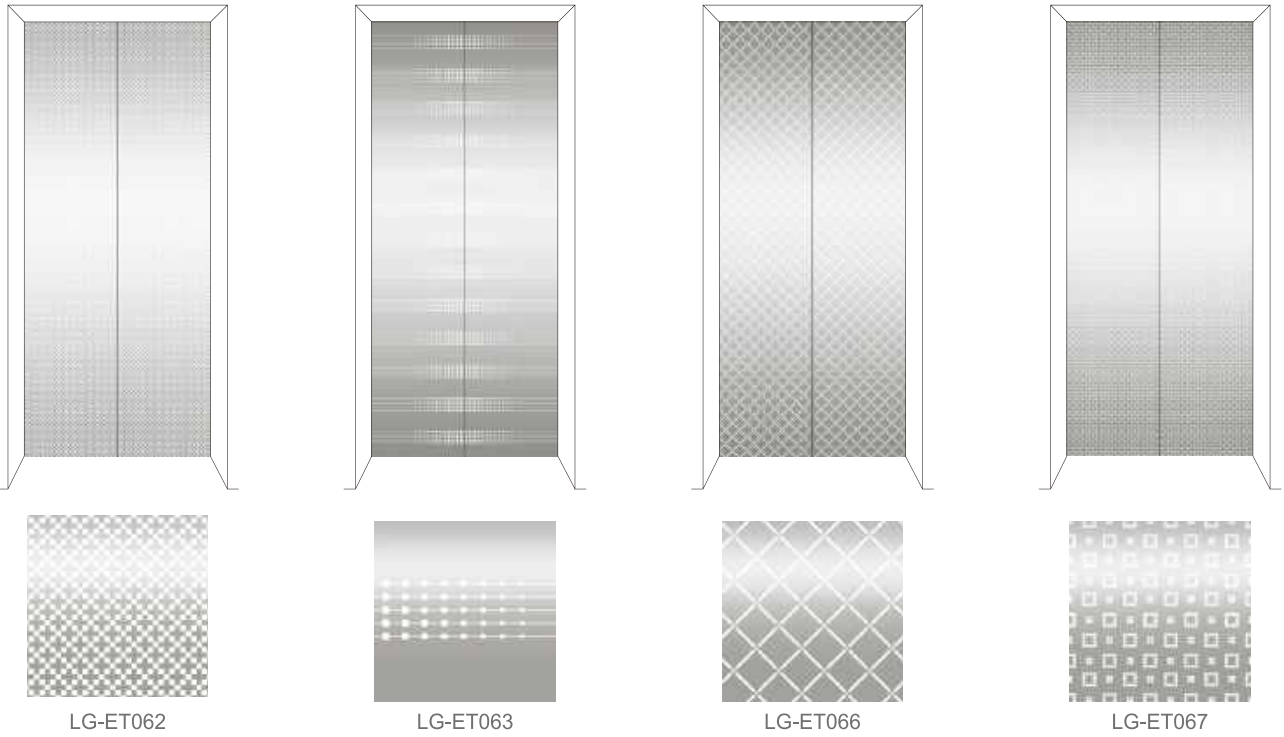
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ETCHING PATTERN



Note
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ETCHING PATTERN



Note
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FIXTURES

LOP Surface mounted type / Standard

Red dot

VHD5 (STS) VHD6 (Black acrylic) VHD7 (White pearl acrylic)

H BT, LOP CODE Description

VHD 5 >>> R >>> R30

HB : Hall Button
VHD : LOP

Faceplate
5 : STS
6 : Black Acrylic
7 : White Pearl Acrylic

CPI dot color/LCD
R : Red dot
BL : Black LCD

Individual button type
R30 / R31 / S40 / S41

LOP Surface mounted type / Option

Black LCD

VHD5 (STS) VHD6 (Black acrylic) VHD7 (White pearl acrylic)

BUTTON

BT-R30 BT-R31 BT-S40 BT-S41

>>> COP DESIGN

CAR INDICATOR

TFT LCD (7 inch)

Optional Direct Phone

Note
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INTERIOR FILM

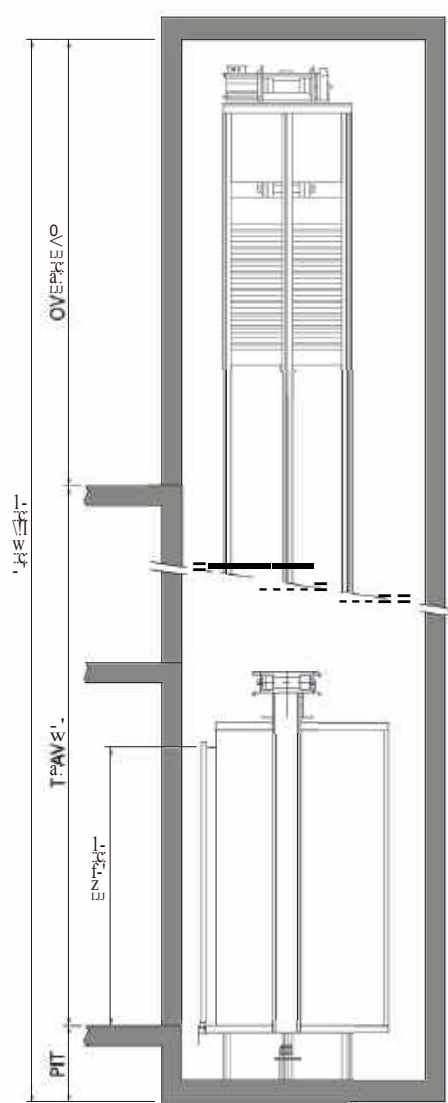
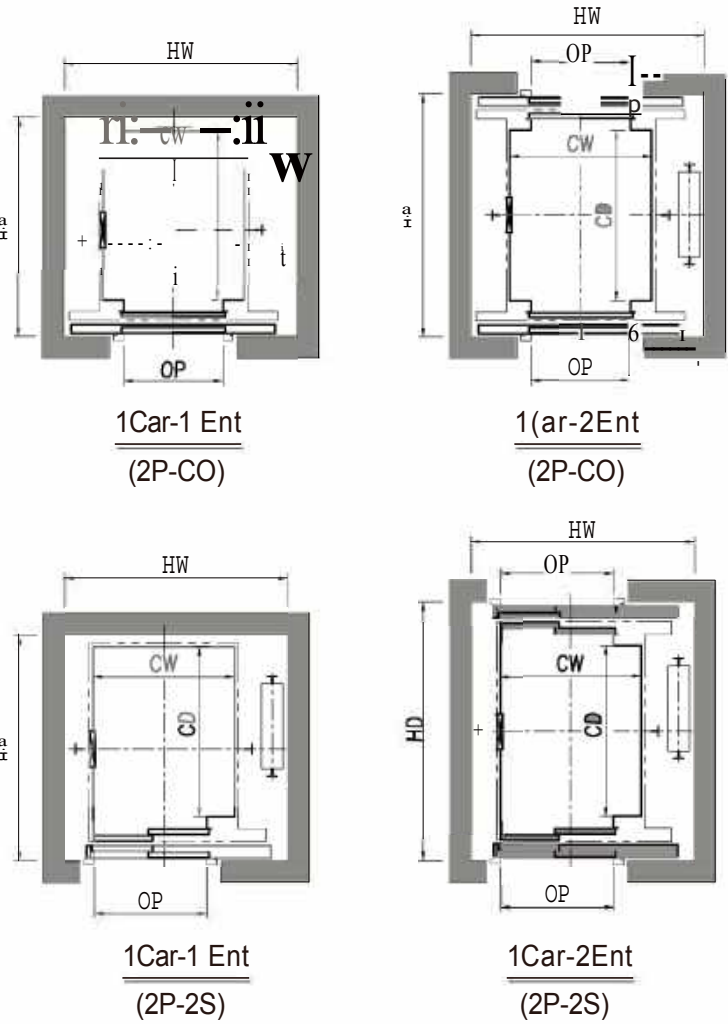
EL047 (Gold color Pattern) EL053 (Silver color Pattern) EV079 (Wood Oak Pattern) NW055 (Wood Walnut Pattern)

PVC FLOOR TILE

LGP-FP17 LGP-FP18 LGP-FP20 LGP-FP21
LGP-FP22 LGP-FP30 LGP-FP31 LGP-FP32

Note
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PLANNING GUIDE



Load	Speed	no. of Opening	OP		CAR SIZE		HOISTWAY	
			type	OP*EH	CW	CD	HW	HD
250kg	0.4	1Car 1Ent	CO	700*2000	900	1100	1600	1450
			2S	800*2000	900	1100	1480	1500
		1Car-2Ent	CO	700*2000	900	1100	1600	1600
			2S	800*2000	900	1100	1480	1730
320kg	0.4	1Car 1Ent	CO	700*2000	900	1200	1600	1550
			2S	800*2000	900	1200	1480	1600
		1Car-2Ent	CO	700*2000	900	1200	1600	1700
			2S	800*2000	900	1200	1480	1830
400kg (450kg)	0.4	1Car 1Ent	CO	700*2000	1000	1200	1650	1550
			2S	700*2000	1100	1300	1700	1650
			2S	800*2000	1000	1200	1580	1600
			2S	900*2000	1100	1300	1680	1700
		1Car 2Ent	CO	700*2000	1000	1200	1650	1700
			2S	700*2000	1100	1300	1700	1800
			2S	800*2000	1000	1200	1580	1830
			2S	900*2000	1100	1300	1680	1930

Note
1) Standard Car & Landing door Height should be 2000mm
2) Cab Height (CH) should be 2100mm

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Home Elevator Function List

No	Function	description
01	Full collective selective	In automatic running or attendant state, this function enables the elevator to respond to both car calls and hall calls. Passengers at any service floor can call the elevator by pressing the up call button and down call button.
02	Door open time setting	The system automatically determines different door open time for door open for call, command, protection, or delay according to the set door open holding time.
03	Door open delay	In automatic running state, passengers can press the door open button in the car to delay door open to facilitate goods to be moved in or out.
04	Floor number display setting	The system supports display of floor numbers in combinations of numbers and letters, which meet the requirements of special conditions.
05	Independent control of the front door and back door	When there are two doors for a car, automatic control on the two doors depends on your requirements.
06	Repeat door close	If the door lock is not applied after the elevator performs door close for a certain time, the elevator automatically opens the door and then closes the door again.
07	Auto-leveling	The systems implements automatic accurate leveling based on the floor pulse counting and up/down leveling feedback signals.
08	Idle elevator returning to base floor	In automatic running state, the elevator automatically returns to the set parking floor and waits for passengers if there is no car call or hall call within the set time.
09	Low-speed self-rescue	When the elevator is in non-inspection state and stops at non-leveling area, the elevator automatically runs to the leveling area at low speed if the safety requirements are met, and then opens the door.
10	Car arrival gong	After the elevator arrives at the destination floor, the CTB gives a prompt tone.
11	Automatic door open upon door lock abnormality	If the system detects that the door lock circuit is abnormal during door open/close, the elevator automatically opens and closes the door again, and reports a fault after the set door open/close times is reached.
12	Overload protection	When the car load exceeds the rated elevator load, the elevator alarms and stops running.
13	Fault data recording	The system automatically records detailed information of faults, which helps improve the efficiency of maintenance and repair.
14	Returning to base floor at fire emergency	After receiving a fire emergency signal, the elevator does not respond to any call but directly runs to the fire emergency floor and waits.
15	Elevator lock	The system detects the running state of the elevator in real time. If the elevator speed exceeds the limit, the system immediately stops running of the elevator.
16	Automatic running mode switchover at power failure	For the synchronous motor, when the power supply is interrupted, the system can perform automatic switchover between shorting stator braking mode and controller drive mode, implementing quick and stable self-rescue. Shorting stator braking mode: Upon power failure, UPS is used, the motor stator is shorted, and the brake is automatically released, making the car move slowly under the effect of the weighing difference between the car and the counterweight.
17	Car energy-saving	If there is no running command within the set time, the system automatically cuts off the power supply to the lamp and fan in the car.
18	Energy-saving running with standby power supply	When the normal power supply is interrupted and the emergency power supply is used, the system reduces the running speed of the elevator in the prerequisite of guaranteeing the smooth running curve.
19	Arrival gong disabled at night	Within the set time period, the arrival gong is disabled

Home Elevator Power Plan

Load (kg)	Speed [m/s]	Motor Capa. [kW]	Motor Current [220V]	Input Rated Voltage	N.F.B [A]	Transformer [kVA]	Lead-in Wire [mm ²]	Earth Wire [mm ²]
250	0.4	0.96	5.6A	ϕ1-AC220 / 50Hz	16	3.9	4	4
320		0.96	5.6A		16	3.9	4	4
400		1.1	6.5A		16	3.9	4	4
450		1.1	6.5A		16	3.9	4	4

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ELEVATOR CONFIRMATION SHEET

Q'ty:
Date:
Confirmed by Customer:

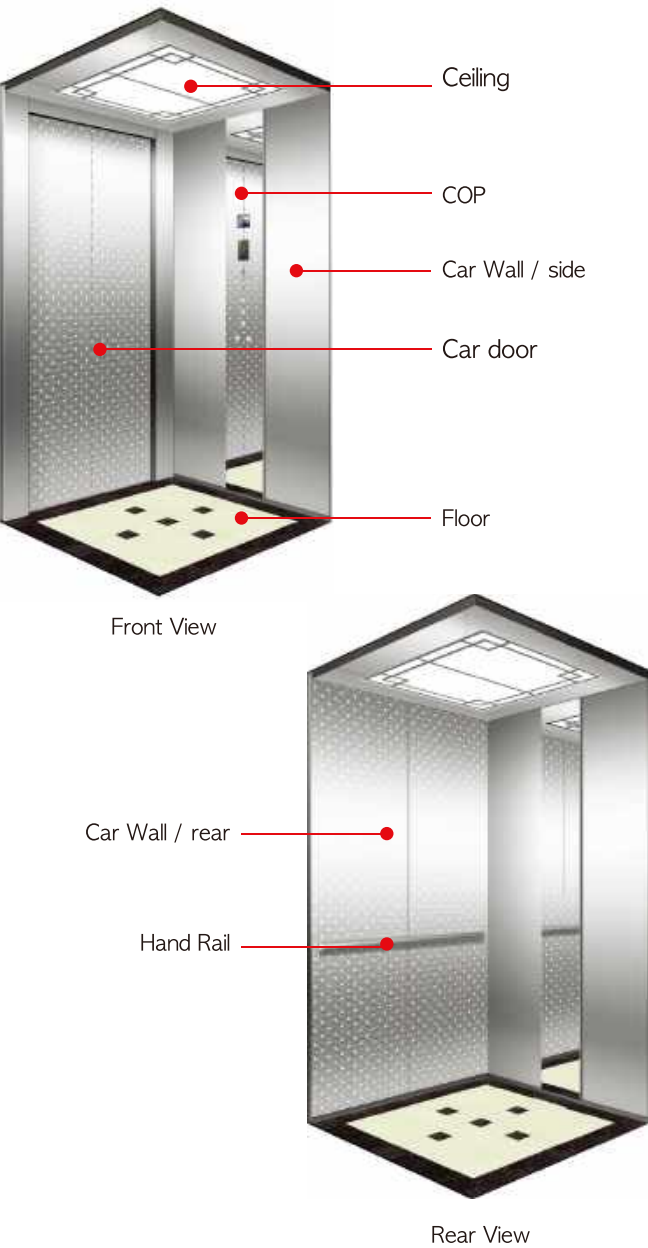
Elevator type :	Home Elevator
Rated Speed:	0.4 m/s (24m/min)
Rated Load:	[kg]
No. of Building Floor;	
No. of Stop:	
Total Height	[]
= Travel + OH + PIT	=[]+[]+[]

Car	CAR DESIGN type		
	Ceiling Type		
	Car Wall		
	Car Door		
	Hand Rail		
	Etching No.		
	Interior Film no.		
	Flooring		
COP button type			

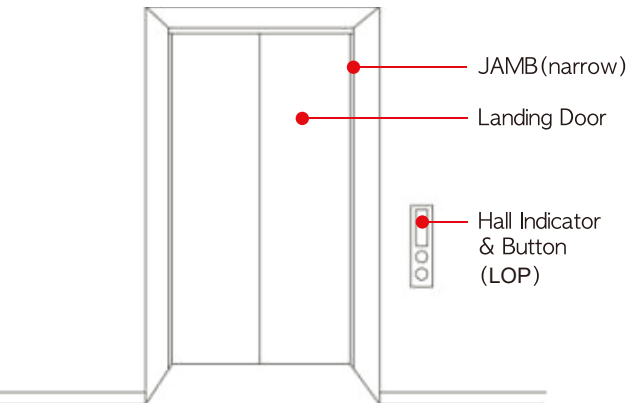
Landing			Ground FL	TYP.FLs
	Landing Door	Material		
		Etching No.		
	JAMB	Type	narrow	narrow
		Material		
LOP type				

Remarks & Options

CAR DESIGN SELECTION



LANDING SELECTION



MEMO