



Passenger Elevator

Panoramic Elevator

Hospital Elevator



Korea Headquarter / R&D Center / Factory

Address: (50875) 18-15, Tekeunobaelli 1-ro, 93beon-gil, Jillye-myeon, Gimhae-si, Gyeongsangnam-do, Korea

Contact

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

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www.lgselevator.kr

Dear Valued Customers,

It has been our pleasure to announce that we, LGS Elevator Korea, care for your safety while you are using the vertical transportation.

Your safety and convenience is the utmost importance to us, so we maintain the highest standards of technology to ensure superior innovation in safety and environment friendly .

Our most experienced engineers have been engaged with their tireless efforts to design the best vertical transportation with most attractive aesthetic and feature in the product line.

LGS Elevator expert and management had their beginning 30 years back of its elevator and escalator business allowing for the creation of the LGS brand. We take pride in meeting the needs and demands of all of our customers and we have a strong commitment to producing the world's best elevators and escalators.

Furthermore, we have a firm commitment to providing safety and convenience for our customers. Every day, millions of people utilize our elevators and escalators equipment and we take our responsibility to ensure absolute safety for all of our passenger very seriously. Our goal is to provide a smooth, a safe, a convenient riding for all those riding for all of LGS elevator and escalator passengers . We have been constantly investing to improve our technology and develop new and innovative designs and aesthetics to uphold the legacy of the company values.

We promise and commit that we will spare no efforts to ensure that in general you all are completely satisfied with LGS products and services and we welcome you to come back and visit our website often to remain updated with our innovative steps about the product that you need

Attestato UE di tipo

EU-Type Certificate

n. ECM LC-B-2018-0071

Rilasciato in sensi della direttiva 2014/33/UE – Allegato IV – Modulo B
Issued according to 2014/33/EU directive – Annex IV – Module B



Richiedente
Applicant
Ragione Sociale
Company Name
Indirizzo
Address

LGS Elevator Korea Co., Ltd.
18-15, Tekeunobaelli 1-ro 93beon-gil, Jillye-myeon, Gimhae-si, Gyeongsangnam-do, 50875, Korea

L'ECM, Organismo Notificato n° 1282, in conformità The ECM, Notified Body No. 1282, in accordance with Article 16 all'art. 16 della Direttiva 2014/33/UE del Parlamento of the Directive 2014/33/EU of the European Parliament and the Europeo e del Consiglio del 26 Febbraio 2014, certifica che Council 26th February 2014, certifies that this lift, verified in questo ascensore, verificato secondo la procedura di cui accordance with the procedure referred to Annex IV, complies all'allegato IV, è conforme ai requisiti essenziali di with the essential health and safety requirements, defined in sicurezza e di tutela della salute, definiti nell'allegato I Annex I of the Directive. della Direttiva.

Descrizione dell'ascensore
Lift description
Denominazione
Type
Norme applicate
Applied standard
Fascicolo Tecnico
Technical file
Data di prima emissione
Date of first issue
Estensione - Extension
Rinnovo - Renewal
Valamoggia (BO)
Data di emissione - Issue date
Data di scadenza - Expiry date
Timbro

MMR Elevator (LGK1)
EN 81-20:2014
CE_LGSK01 Rev.D 2017.12.12
09/01/2018
Firma autorizzata
Authorized signature
(Marca Morini)

Il presente attestato è valido ed è riferito all'esemplare sottoposto a verifica di conformità.
The present certificate is valid and refers to the sample submitted for conformity verification.
Nel caso in cui siano apportate modifiche all'ascensore (anche se minime) senza che il fabbricante informi immediatamente Ente Certificazione Macchine srl.
In the case of any modifications to the lift (even if minimal) without the manufacturer immediately informing Ente Certificazione Macchine srl.
Changes occur to the applied standard or essential safety requirements of the directive which are the basis of this certificate and the certificate holder refuses to make any necessary changes.

PTL03_02 REV. 3 - 06/03/2017
Ente Certificazione Macchine srl
Via Ca' Bella 243 - Loc. Castello di Serravalle - 40023 Valamoggia (BO)
Tel: +39 0516705141 - Fax: +39 0516705156 - Email: ecm@entecermac.it - www.entecerma.it



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Comfortable

Safe

JOIN US



Green
Technology

Energy
Saving

Resume

Opportunities

Business

Candidate

Experience

Reliable Quality together with LGS Elevator Korea

LGS members are committed to be the most reliable name in the field of Vertical transportation with long 30years experience of our expertise. We have experienced the product export to more than 50 countries like East/west Asia, Middle East Asia, Russian countries and South America and we are still export our product to them

Safety & Comfort

LGS elevator gives first priority to the personnel safety. With sensitive and concentrative infrared light curtain, it forms optical curtain protection safety net at the elevator door. It sensitively reacts to any person or object that enters into the probing plane. Excellent car ride, Using the gearless machine with high quality disk brake, provides a smooth and noiseless ride

Energy Saving & Green Technology

Excellence driving performance with Permanent Magnet Synchronous Gearless traction machine, more high-efficient running smart figure with convenient layout saves at least 10% construction area compared with the same load geared elevator, it saves about 50% electric energy. Adopt Long-life LED light to save 80% energy saving than conventional tube lighting under the same condition. Turn-off ventilation and lighting if there is no call time (adjustable)

Safety Comfort Energy Saving & Green Technology

Medium Speed Mini Machine Room Gearless Elevator

High-technology gearless traction machine by energy conservation and environmental protection is applied. It saves architectural space and cost

Machine Roomless Gearless Elevator

It can optimize building space with excellent shaft utilization. And there is no construction cost for building machine room, which makes it possible to design a flexible building design as well as cost reduction.

High speed Machine Room Gearless Elevator

LGS High speed elevator uses very advanced technology to realize optimum performance and efficiency. These advances include the high-efficient permanent magnetic gearless traction machine with dual disk brake, VVVF inverter, Artificial Intelligence and Data Network System

Modern Design

CAR DESIGN STS Hairline + MR TRIM

Front View



Rear View



Specification

CEILING LG-CE60 (STS-HL)
CAR DOOR STS-HL ET (LG-ET002)
CAR WALL STS-HL+STS-HL ET(LG-ET002)
 +STS-MR TRIM
HANDRAIL HR-01/STS-HL
FLOOR PVC TILE (LGP-FP30)

ENTRANCE

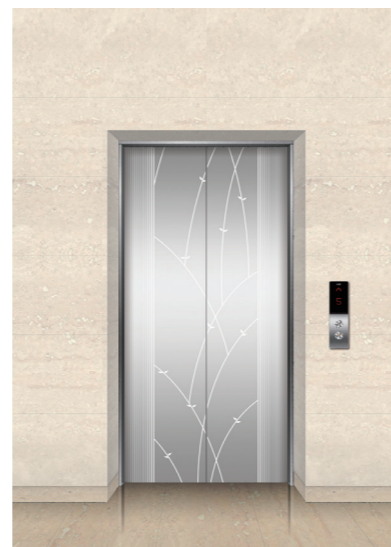
Ground Floor



Specification

Ground Floor
JAMB J-311 STS-HL
DOOR STS-HL ET(LG-ET002)
Typical Floor
JAMB J-101 STS-HL
DOOR STS-HL ET(LG-ET002)

Typical Floor



Deluxe Design

CAR DESIGN STS Mirror

Front View



Rear View



Specification

CEILING LG-CE61 (STS-HL+STS-MR)
CAR DOOR STS-MR ET (LG-ET054)
CAR WALL STS-MR+STS-MR ET(LG-ET054)
 +STS-MR
HANDRAIL HR-01/STS-POLISHING
FLOOR PVC TILE (LGP-FP32)

ENTRANCE

Ground Floor



Specification

Ground Floor
JAMB J-311 STS-MR
DOOR STS-MR ET(LG-ET054)
Typical Floor
JAMB J-101 STS-HL
DOOR STS-HL ET(LG-ET054)

Typical Floor



Deluxe Design

CAR DESIGN STS HL Ti-Gold + MR TRIM

Front View



Rear View



Specification

- CEILING** LG-CE64 (STS-MR TI-GOLD)
- CAR DOOR** STS-HL-ET TI-GOLD(LG-ET052)
- CAR WALL** Front: STS-HL TI-GOLD
Rear/Side: STS-HL TI-GOLD+
STS-HL-ET TI-GOLD+
STS-MR TI GOLD TRIM
- HANDRAIL** HR-01/STS-HL TI-GOLD
- FLOOR** MARBLE(BY LOCAL)

ENTRANCE

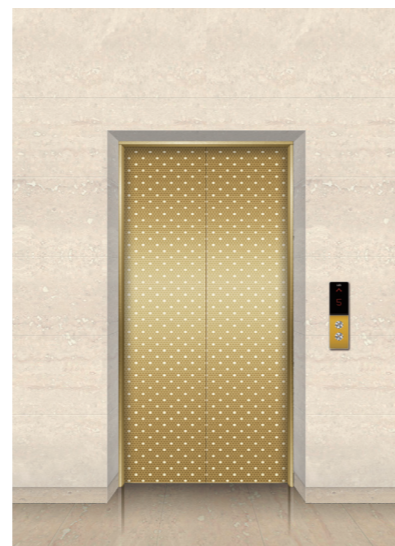
Ground Floor



Specification

- Ground Floor**
- JAMB** J-311 STS-MR TI-GOLD
- DOOR** STS-MR-ET TI-GOLD(LG-ET052)
- Typical Floor**
- JAMB** J-101 STS-HL TI-GOLD
- DOOR** STS-HL-ET TI-GOLD(LG-ET052)

Typical Floor



Deluxe Design

CAR DESIGN STS Mirror Ti-Bronze

Front View



Rear View



Specification

- CEILING** LG-CE61(STS-MR TI-BRONZE)
- CAR DOOR** STS-MR-ET TI-BRONZE (LG-ET065)
- CAR WALL** Front: STS-MR TI-BRONZE
Rear/Side: STS-MR TI-BRONZE+
STS-MR-ET TI BRONZE+
STS-MR TI-BRONZE
- HANDRAIL** HR-01/STS TI-BRONZE
- FLOOR** MARBLE(BY LOCAL)

ENTRANCE

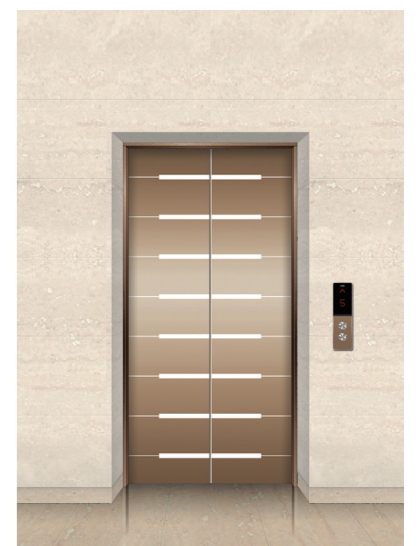
Ground Floor



Specification

- Ground Floor**
- JAMB** J-311 STS-MR TI-BRONZE
- DOOR** STS-MR-ET TI-BRONZE(LG-ET065)
- Typical Floor**
- JAMB** J-101 STS-HL TI-BRONZE
- DOOR** STS-HL-ET TI-BRONZE(LG-ET065)

Typical Floor



Luxury Design

CAR DESIGN ART Film + MR TRIM

Front View



Rear View



Specification

CEILING LG-CE62 (STS-HL+STS-MR)
CAR DOOR STS-HL ET (LG-ET053)
CAR WALL STS-HL+STS-MR TRIM
 +ART FILM (NW017)
HANDRAIL HR-01/STS-HL
FLOOR MARBLE(BY LOCAL)

ENTRANCE

Ground Floor



Specification

Ground Floor
JAMB J-311 STS-MR
DOOR STS-MR ET(LG-ET053)
Typical Floor
JAMB J-101 STS-HL
DOOR STS-HL ET(LG-ET053)

Typical Floor



Luxury Design

CAR DESIGN ART Film + MR TRIM

Front View



Rear View



Specification

CEILING LG-CE61 (STS-HL+STS-MR)
CAR DOOR STS-HL-ET(LG-ET066)
CAR WALL STS-HL+STS-MR TRIM
 +ART FILM (NW123)
HANDRAIL HR-01/STS-HL
FLOOR MARBLE(BY LOCAL)

ENTRANCE

Ground Floor



Specification

Ground Floor
JAMB J-311 STS-MR
DOOR STS-MR-ET(LG-ET066)
Typical Floor
JAMB J-101 STS-HL
DOOR STS-HL-ET(LG-ET066)

Typical Floor



Luxury Design

Gold
3D Pattern

Luxury Design

CAR DESIGN ART Color (Gold + MR)

Front View



Rear View



Specification

- CEILING** LED Down Light / STS-HL
- CAR DOOR** STS-HL TI-GOLD-ET (LG-ET067)
- CAR WALL** Front : STS-HL TI-GOLD
Side: STS-HL TI-GOLD + 3D Pattern Steel
Rear: STS-MR + 3D Pattern Steel
- HANDRAIL** HR-01 / STS POLISHING
- FLOOR** MARBLE(BY LOCAL)

ENTRANCE

Ground Floor



Typical Floor



Specification

- Ground Floor**
- JAMB** J-311 (STS-HL TI-GOLD)
- DOOR** STS-HL TI-GOLD-ET (LG-ET067)
- Typical Floor**
- JAMB** J-101 (STS-HL TI-GOLD)
- DOOR** STS-HL TI-GOLD-ET (LG-ET067)

Note
The printed image might be different from actual product.

Luxury Design



Circle
Pink Bronze

Luxury Design

CAR DESIGN ART Color (3S VIB + MR)

Front View



Rear View



Specification

- CEILING** LG-CE64 (STS-HL+STS-MR)
- CAR DOOR** STS-MR-ET (LG-ET095)
- CAR WALL** Front: STS-MR
Rear/Side: STS-3S VIB +ART COLOR CIRCLE (PINK BRONZE)
- HANDRAIL** HR-01/STS POLISHING
- FLOOR** MARBLE(BY LOCAL)

ENTRANCE

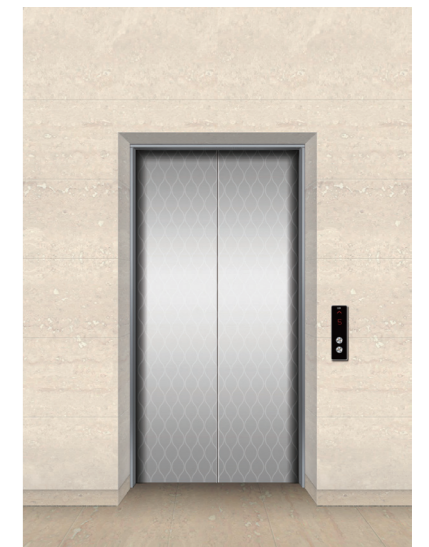
Ground Floor



Specification

- Ground Floor**
- JAMB** J-311 STS-HL
- DOOR** STS-HL-ET(LG-ET095)
- Typical Floor**
- JAMB** J-101 STS-HL
- DOOR** STS-HL-ET(LG-ET095)

Typical Floor



Note
The printed image might be different from actual product.

Luxury Design

Black Line

Luxury Design

CAR DESIGN ART Color (3S VIB + MR)

Front View



Rear View



Specification

- CEILING** LG-CE61 (STS-HL+STS-MR)
- CAR DOOR** STS-MR-ET (LG-ET063)
- CAR WALL** Front: STS-MR
Rear/Side: STS-3S VIB
+ART COLOR BLACK (LINE)
- HANDRAIL** HR-01/STS POLISHING
- FLOOR** MARBLE(BY LOCAL)

ENTRANCE

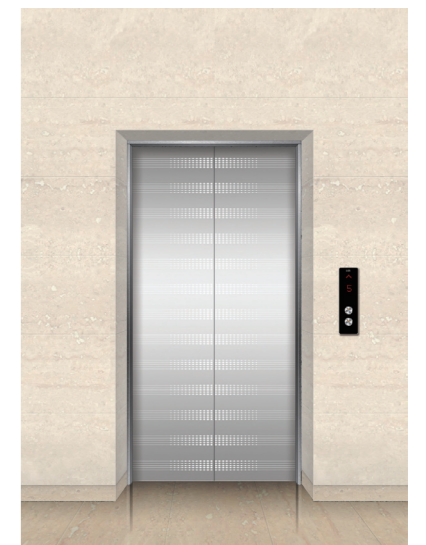
Ground Floor



Specification

- Ground Floor**
- JAMB** J-311 STS-HL
- DOOR** STS-HL-ET(LG-ET063)
- Typical Floor**
- JAMB** J-101 STS-HL
- DOOR** STS-HL-ET(LG-ET063)

Typical Floor



Note
The printed image might be different from actual product.

Luxury Design

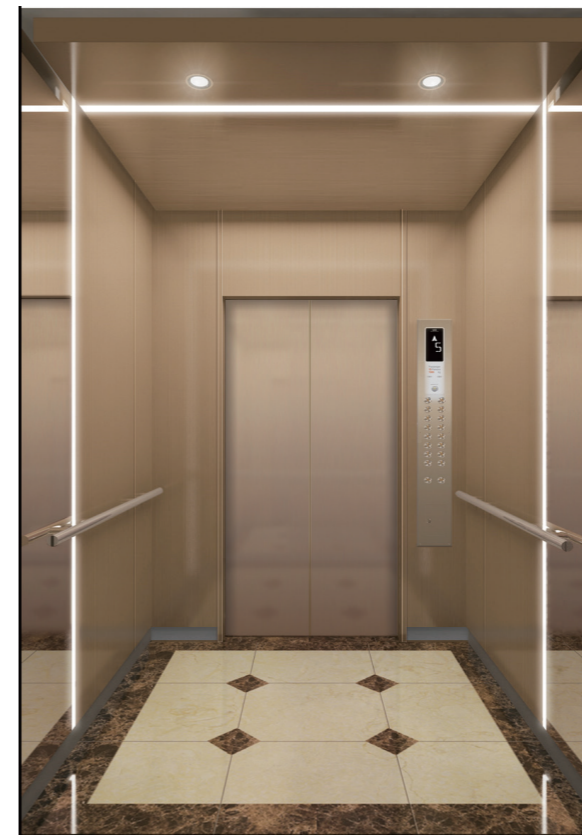


V-Cube

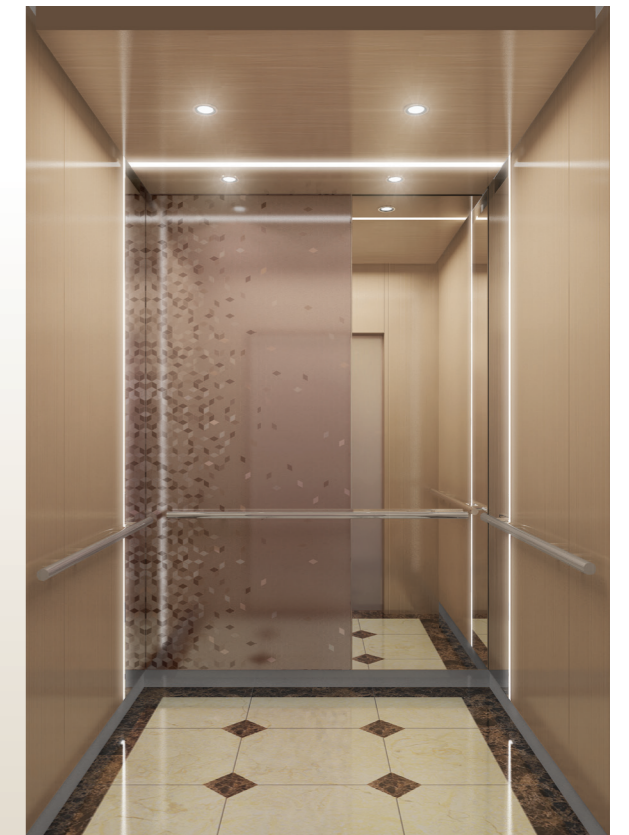
Luxury Design

CAR DESIGN V-Cube

Front View



Rear View



Specification

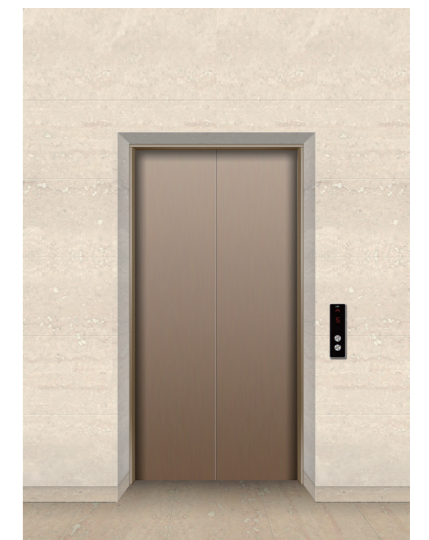
- CEILING** V-Hairline + LED
- CAR DOOR** STS-HL-Ti-Bronze
- CAR WALL** Front: V-Hairline
Side: V-Hairline + LED + STS-MR
Rear: Pattern Glass + STS-MR
- HANDRAIL** HR-01/STS POLISHING
- FLOOR** MARBLE(BY LOCAL)

ENTRANCE

Ground Floor



Typical Floor



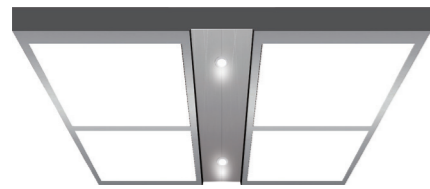
Specification

- Ground Floor**
- JAMB** J-311 STS-HL-Ti-Bronze
- DOOR** STS-HL-Ti-Bronze
- Typical Floor**
- JAMB** J-101 STS-HL-Ti-Bronze
- DOOR** STS-HL-Ti-Bronze

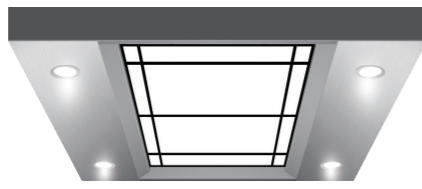
Note
The printed image might be different from actual product.

Ceiling Design

CEILING



LG-CE11



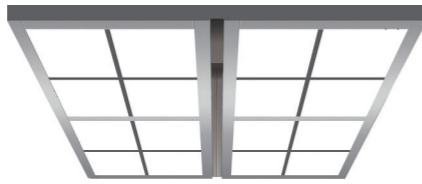
LG-CE12



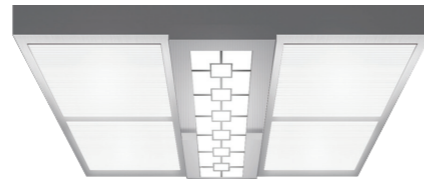
LG-CE20



LG-CE60



LG-CE61



LG-CE62



LG-CE64



LG-CE65



LG-CE66

HANDRAIL



HR01



HR02



HR03 / Curved flat bar



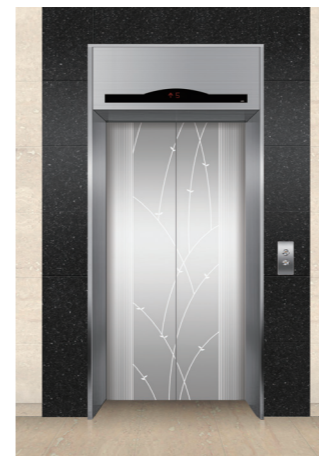
HR04
(Optional)



HR05
(Optional)

Hall Design / Floor

ENTRANCE



JAMB / J-311
JAMB : Wide JAMB W/ Transom
Fixture : HPI-A02/HB5



JAMB / J-301
JAMB : Wide JAMB W/O Transom
Fixture : HPI-C01/HB5



JAMB / J-301
JAMB : Wide JAMB W/O Transom
Fixture : HPI-C03/HB5



JAMB / J-101
JAMB : Narrow JAMB
Fixture : HPI-C01/HB5



JAMB / J-101
JAMB : Narrow JAMB
Fixture : VHD5



JAMB / J-101 & MRL CP (Top FL)
JAMB : Narrow JAMB
Fixture : VHD6

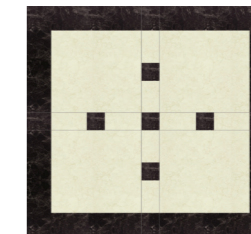
FLOOR



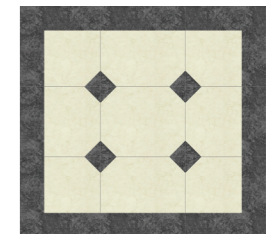
LGP-FP17



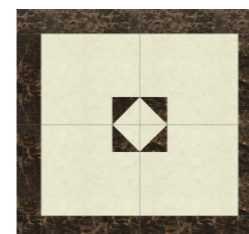
LGP-FP18



LGP-FP20



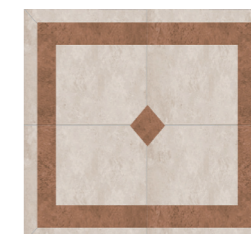
LGP-FP21



LGP-FP22



LGP-FP30



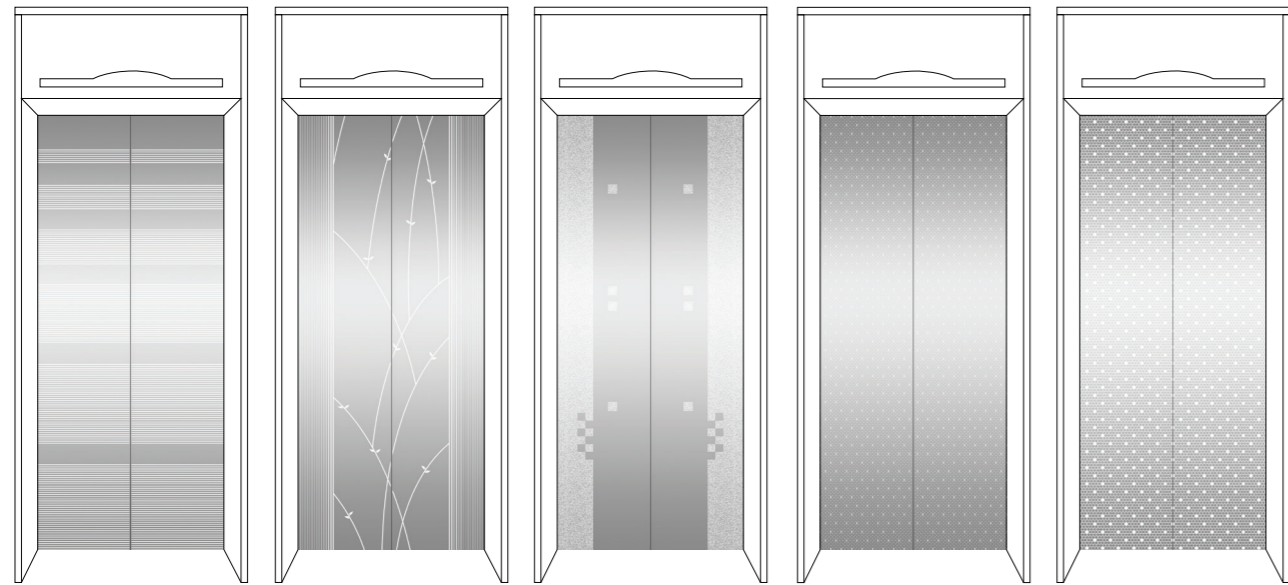
LGP-FP31



LGP-FP32

Etching Pattern

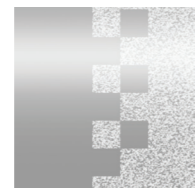
PATTERN



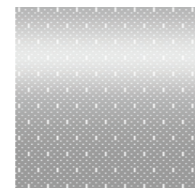
LG-ET001



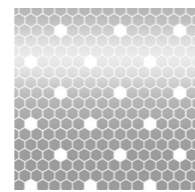
LG-ET002



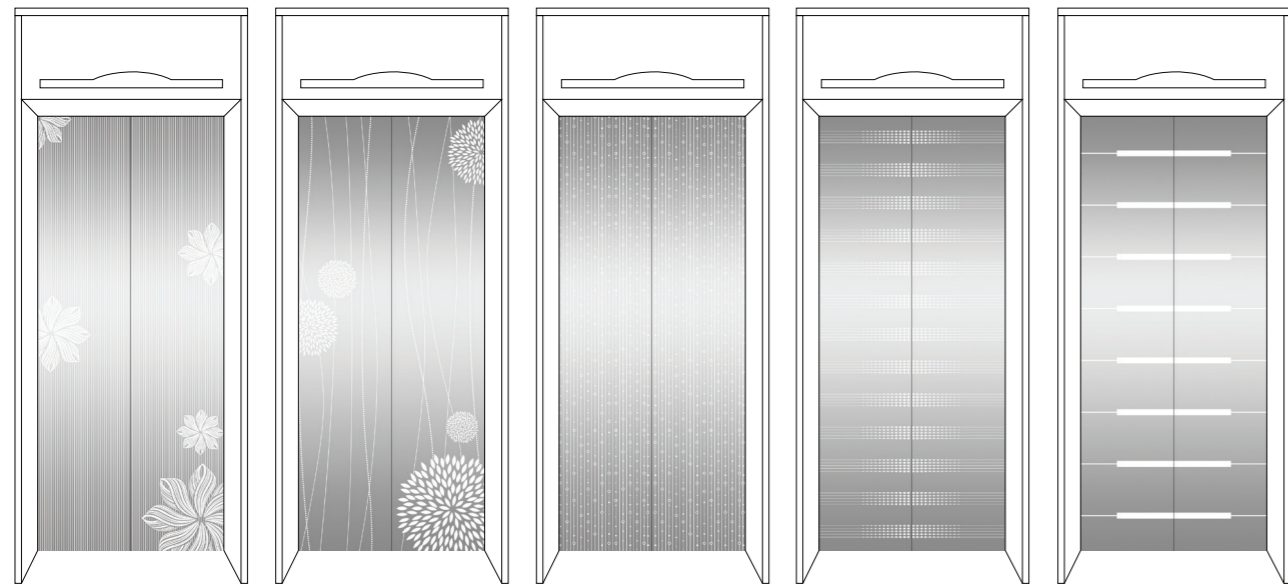
LG-ET003



LG-ET051



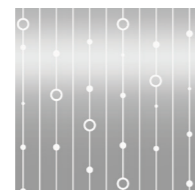
LG-ET052



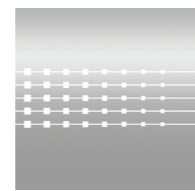
LG-ET053



LG-ET054



LG-ET061



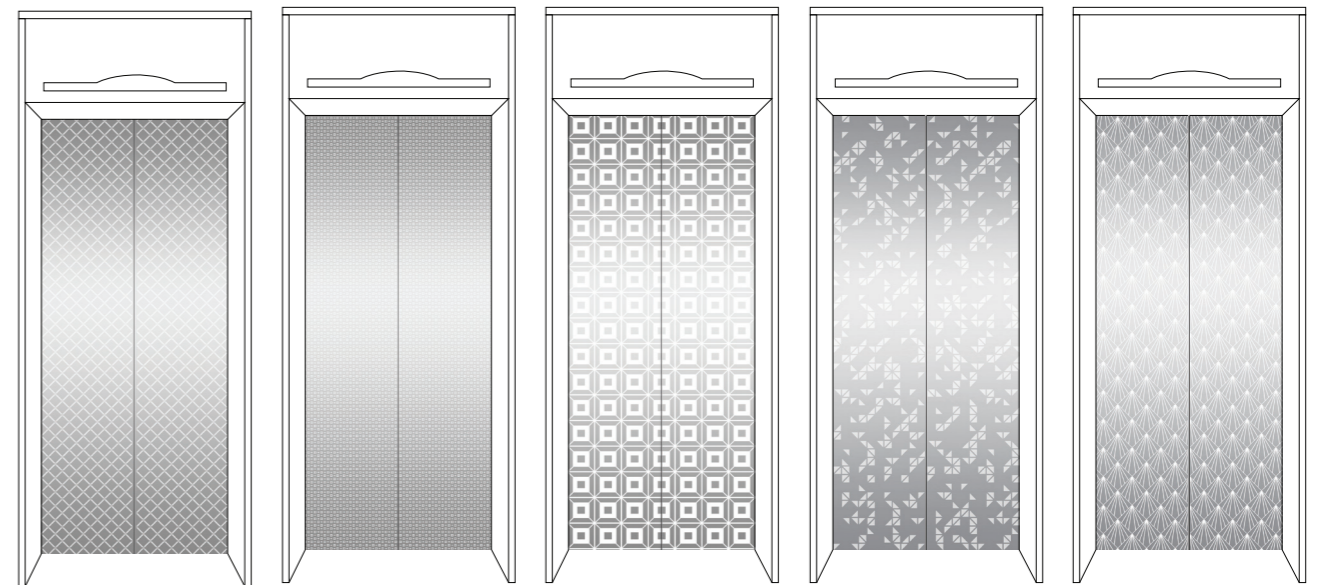
LG-ET063



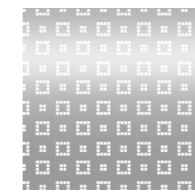
LG-ET065

Etching Pattern

PATTERN



LG-ET066



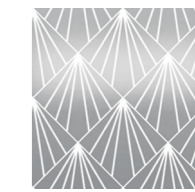
LG-ET067



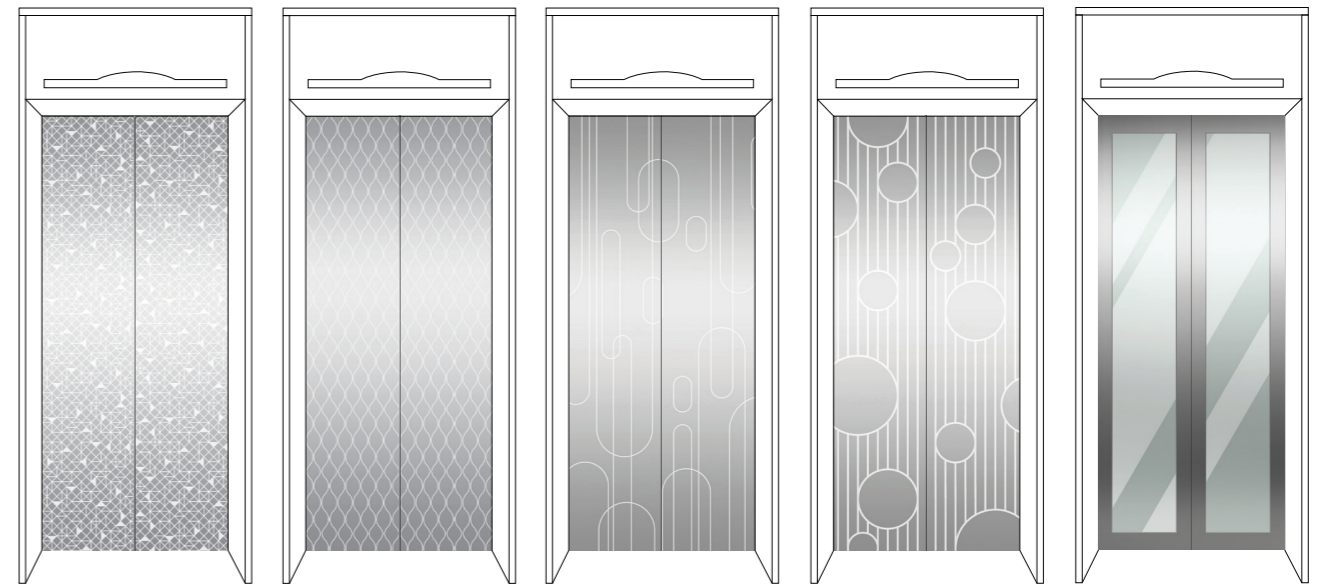
LG-ET084



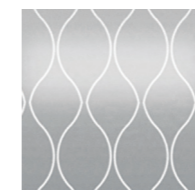
LG-ET091



LG-ET092



LG-ET093



LG-ET095



LG-ET106



LG-ET107

Glass Door

Art Film Pattern

ART FILM



ART FILM (ML13)
LEATHER



ART FILM (NW 055)
WALNUT WOOD



ART FILM (NW 017)
OAK WOOD



ART FILM (NW 068)
PADOUK WOOD



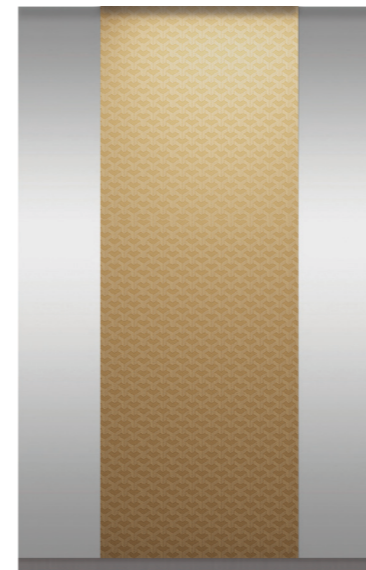
ART FILM (NW 119)
BRUSHED OAK WOOD



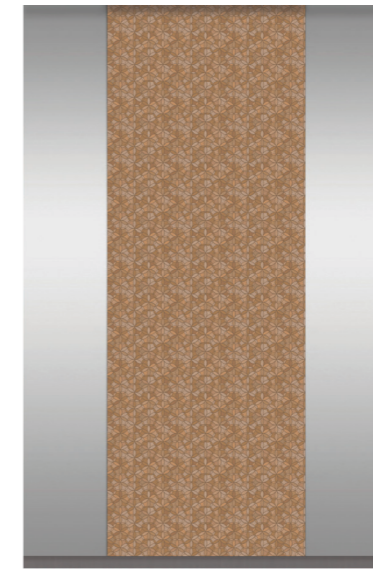
ART FILM (NW 123)
WASHED OAK WOOD

Art Color Pattern

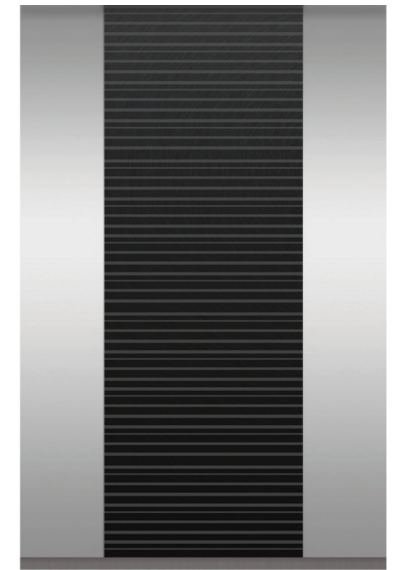
ART COLOR



ART COLOR (GOLD)



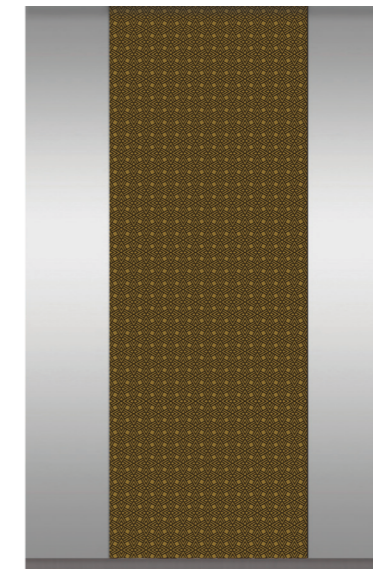
ART COLOR (CIRCLE)



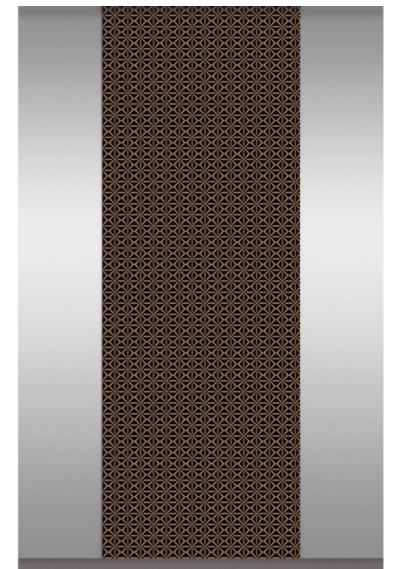
ART COLOR (BLACK LINE)



ART COLOR (PATTERN GLASS)



ART COLOR (ARCA BROWN)



ART COLOR (BAMBOA BRONZE)

Fixtures COP / BUTTON

Individual Button Selection



BT-R30



BT-R31



BT-S40



BT-S41

COP Standard



Red dot



White dot

LCD COP Option



Black LCD

TFT COP Option



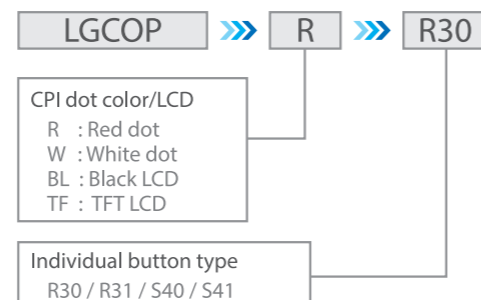
TFT LCD(7inch)

COP Handicapped



HCOP

COP CODE Description



Note
The printed image might be different from actual product.

Fixtures Hall Button / LOP

Hall Button Surface mounted type (Slim)



HB5 (STS)



HB6 (Black acrylic)



HB7 (White pearl acrylic)

LOP Surface mounted type / Standard

Red dot



VHD5 (STS)



VHD6 (Black acrylic)



VHD7 (White pearl acrylic)

White dot



VHD5 (STS)



VHD6 (Black acrylic)



VHD7 (White pearl acrylic)

LOP Surface mounted type / Option

Black LCD



VHD5 (STS)

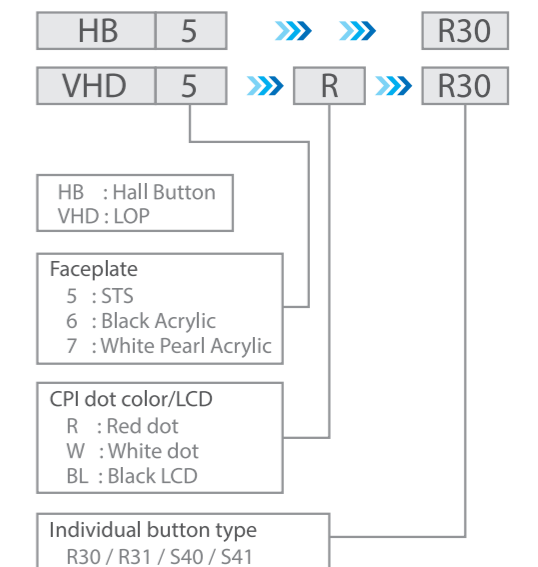


VHD6 (Black acrylic)



VHD7 (White pearl acrylic)

H BT, LOP CODE Description



Note
The printed image might be different from actual product.

Fixtures HPI / CPI

On Transom Hall Position Indicator

Red dot



HPI-R-A01



HPI-R-A02

LCD



HPI-BL-A01

White dot



HPI-W-A01



HPI-W-A02



HPI-BL-A03

On Wall Hall Position Indicator

Red dot



HPI-R-C01

White dot



HPI-W-C01

LCD



HPI-BL-C01

LCD



HPI-BL-C03

On Car Transom / Car Wall Option



TFT LCD 10" 12"

Hall Lantern Option



HL-01



HL-02

PANORAMIC Elevator CAR DESIGN

Attractive exterior Sight
Increase building value
More Comfortable



Panoramic Elevator

1 Side View



Specification

Exterior Painted Steel with LED Lighting



Specification

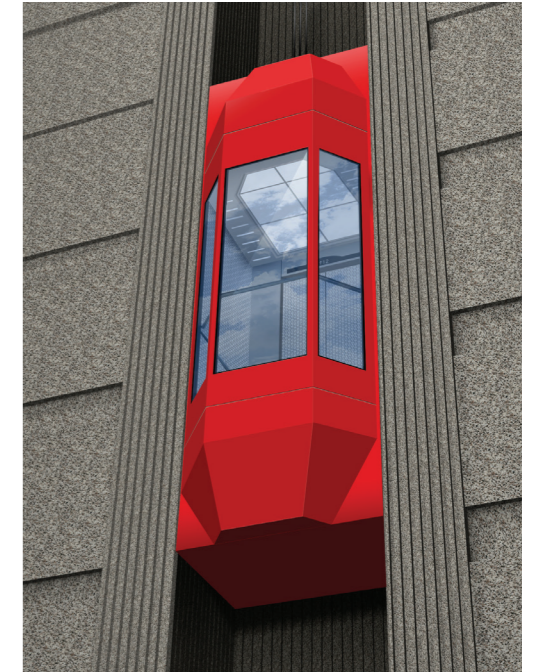
Exterior Stainless Steel Hairline

3 Side View



Specification

Exterior Stainless Steel Hairline



Specification

Exterior Painted Steel

2 Side View



Specification

Exterior Stainless Steel Hairline



Specification

Exterior Painted Steel with LED Lighting

Round View



Specification

Exterior Stainless Steel Hairline



Specification

Exterior Painted Steel with LED Lighting

Bed Elevator

Hospital BED Elevator

LGS bed elevator provides optimal riding space and safe door system to transport patient bed as well as comfortable ride for the safety of patients.

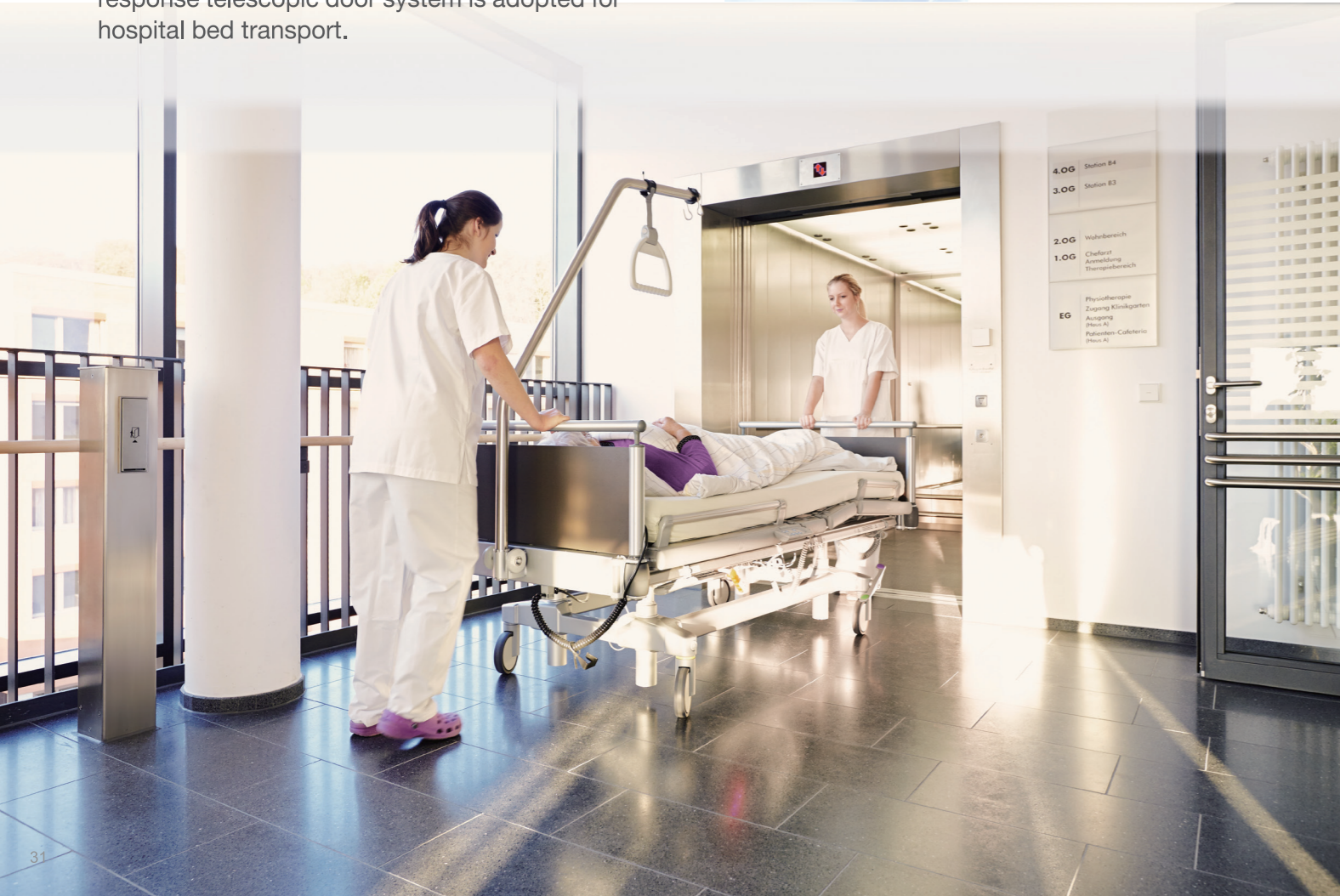
Comfortable ride for all Patients

Adopt permanent magnetic gearless traction machine and VVVF Control module, so that the elevator is more quite and smooth trip. Fresh atmosphere in car, release patient stress, it offers protection from unwanted jolts giving a ride of comfort



Safety and Convenience

Excellent door safety features(infrared beam sensor) for stretcher and passenger is provided And wide entrance opening width and quick response telescopic door system is adopted for hospital bed transport.



CAR DESIGN



Front View



Rear View

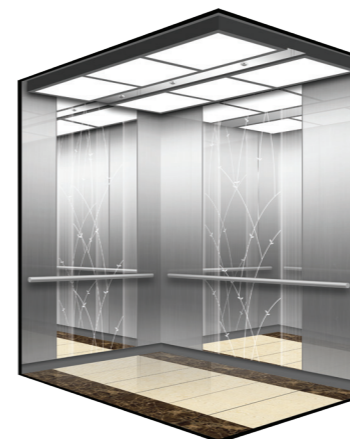
Specification

CEILING	LG-CE11 (STS-HL)
CAR DOOR	STS-HL ET (LG-ET001)
CAR WALL	STS-HL ET (LG-ET001) +STS-HL + MR TRIM
HANDRAIL	HR-01 / STS-HL
FLOOR	PVC Tile (LGP-FP21)

CAR DESIGN

Specification

CEILING	LG-CE11 (STS-MR)
CAR DOOR	STS-MR ET (LG-ET002)
CAR WALL	STS-MR ET (LG-ET002) + STS-MR
HANDRAIL	HR-01 / STS-POLISHING
FLOOR	MARBLE (By Local)



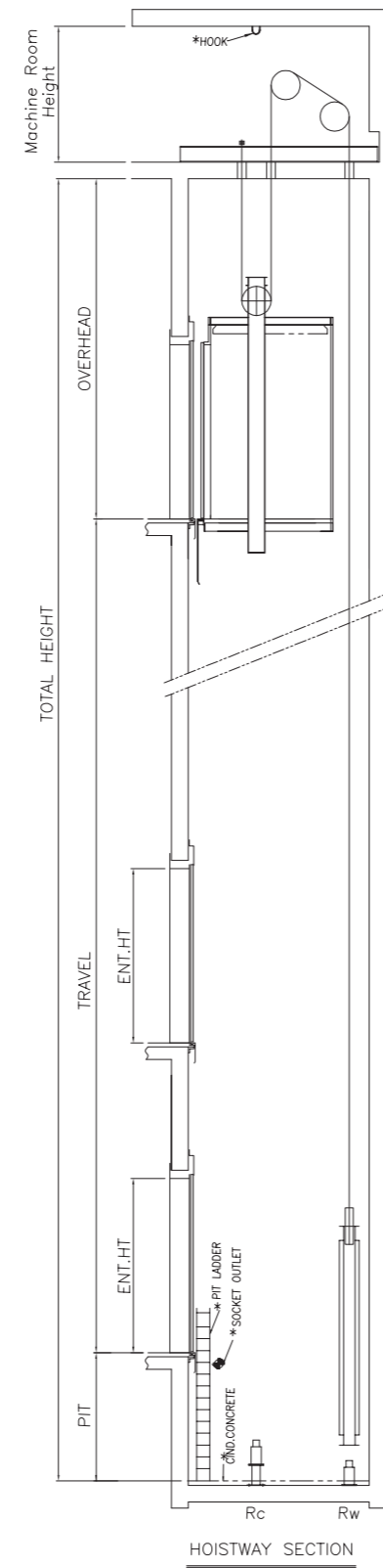
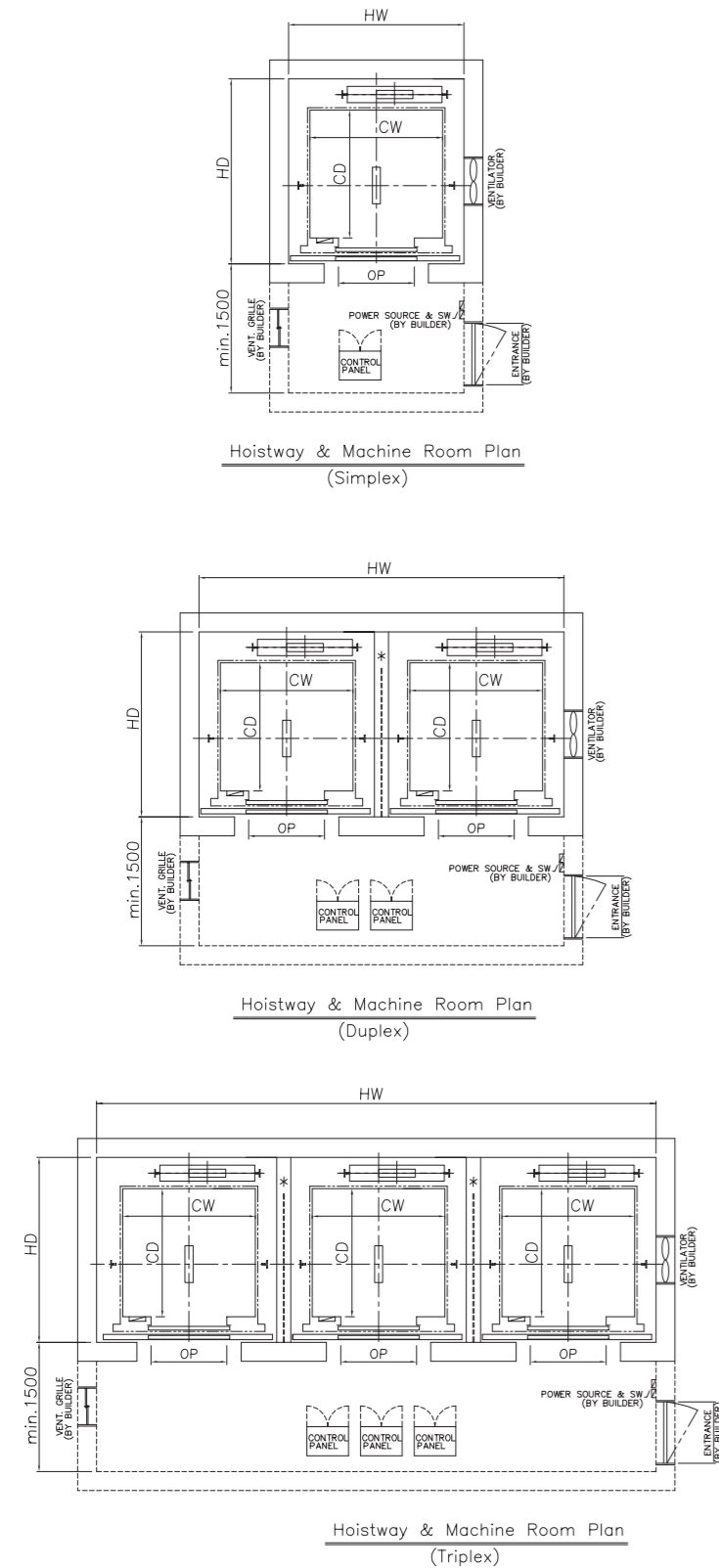
Rear View



Front View

Note
The printed image might be different from actual product.

IMMR(Mini Machine Room) Gearless



- NOTE
- 1) Marked as* shall be provided by Builder/Others
 - 2) Separated Beams shall be provided by Builder/Others

Passenger Elevator (Speed 1.0~1.75m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		Motor Capacity [kW]	M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car)	R2(C.wt)				
1.0 1.5 1.75	6	450	800	1400	850	1800	1500	3750	1500	3600	2000	3.7 / 6.3 / 7.3	2400	4300 / 4400 / 4500	1400 / 1600
	8	550	800	1400	1050	1800	1700	3750	1700	4000	2500	3.7 / 6.3 / 7.3	2400	4300 / 4400 / 4500	1400 / 1600
	9	600	800	1400	1100	1800	1750	3750	1750	4100	2600	3.7 / 6.3 / 7.3	2400	4300 / 4400 / 4500	1400 / 1600
	9	630	800	1400	1150	1800	1800	3750	1800	4150	2650	3.7 / 6.3 / 7.3	2400	4300 / 4400 / 4500	1400 / 1600
	10	700	800	1400	1250	1800	1900	3750	1900	4200	2800	5.0 / 8.0 / 9.0	2400	4300 / 4400 / 4500	1400 / 1600
	11	800	800	1400	1350	1800	2000	3750	2000	4600	2900	5.0 / 8.0 / 9.0	2400	4400 / 4500 / 4600	1400 / 1600
	13	900	900	1600	1350	2000	2000	4150	2000	5100	3800	6.3 / 10.0 / 11.7	2400	4400 / 4500 / 4600	1400 / 1600
	15	1000	900	1600	1500	2000	2150	4150	2150	5500	4300	6.3 / 10.0 / 11.7	2400	4400 / 4500 / 4600	1400 / 1600
	17	1150	1000	1800	1500	2400	2200	4950	2200	8000	5200	7.7 / 11.5 / 13.5	2400	4400 / 4500 / 4600	1400 / 1600
	1100		2000	1350	2500	2050	5150	2050	8000	5200	2400		4400 / 4500 / 4600	1400 / 1600	
	20	1350	1000	1800	1700	2600	2400	5350	2400	8900	6000	9.0 / 13.5 / 15.8	2400	4400 / 4500 / 4600	1400 / 1600
	1100		2000	1600	2600	2250	5350	2250	8900	6000	2400		4400 / 4500 / 4600	1400 / 1600	
24	1600	1100	2000	1750	2600	2450	5350	2450	10200	7000	10.7 / 16.0 / 18.7	2400	4400 / 4500 / 4600	1400 / 1600	
30	2000	1200	2000	2000	2600	2700	5350	2700	10500	8000	13.4 / 20.0 / 23.4	2400	4400 / 4500 / 4600	1500 / 1700	

Passenger Elevator (Speed 2.0~2.5m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		Motor Capacity [kW]	M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car)	R2(C.wt)				
2.0 2.5	13	900	900	1600	1350	2200	2200	4550	2200	11100	7600	13.4 / 16.7	2500	5000 / 5500	2100 / 2400
	15	1000	900	1600	1500	2200	2300	4550	2300	11700	7900	13.4 / 16.7	2500	5000 / 5500	2100 / 2400
	17	1150	1000	1800	1500	2400	2200	4950	2200	12300	8300	15.4 / 19.2	2500	5000 / 5500	2100 / 2400
			1100	2000	1350	2500	2050	5150	2050	12300	8300		2500	5000 / 5500	2100 / 2400
	20	1350	1000	1800	1700	2500	2500	5150	2500	13100	8900	18.0 / 22.5	2500	5000 / 5500	2100 / 2400
			1100	2000	1600	2600	2250	5350	2250	13100	8900		2500	5000 / 5500	2100 / 2400
24	1600	1100	2000	1750	2600	2550	5350	2550	13900	9400	21.4 / 26.7	2500	5000 / 5500	2100 / 2400	
30	2000	1100	2000	2000	2600	2700	5350	2700	14000	9500	26.7 / 33.4	2500	5000 / 5500	2100 / 2400	

Passenger Elevator (Speed 3.0~4.0m/s)

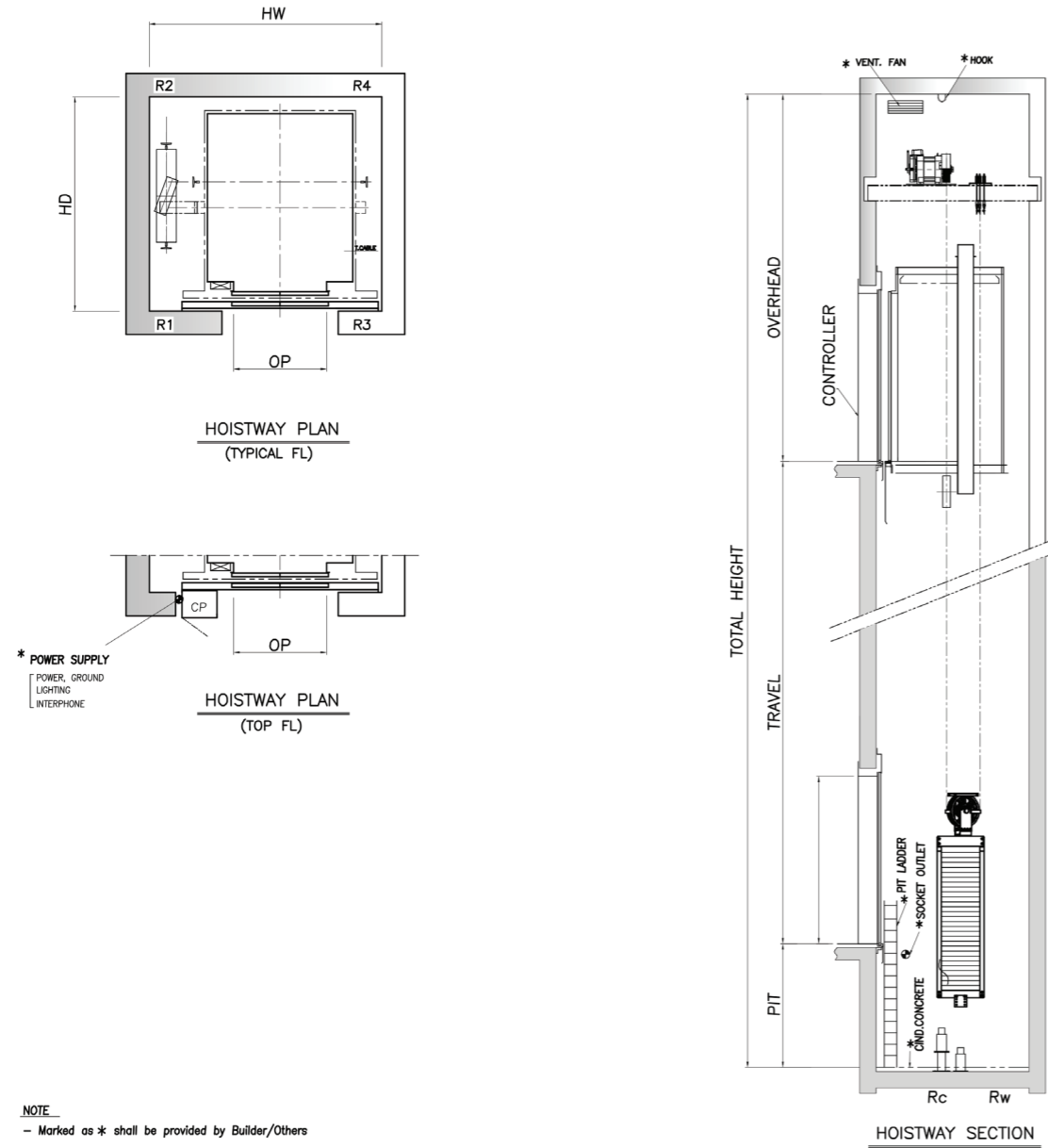
[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		Motor Capacity [kW]	M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car)	R2(C.wt)				
3.0 3.5 4.0	13	900	900	1600	1350	2300(*)	2200	4750	2200	11500	7800	20.8 / 24.2 / 27.7	3000	6000 / 6400 / 7100	2700 / 3200 / 3850
	15	1000	900	1600	1500	2300(*)	2300	4750	2300	12000	8100	20.8 / 24.2 / 27.7	3000	6000 / 6400 / 7100	2700 / 3200 / 3850
	17	1150	1000	1800	1500	2500(*)	2350	5150	2350	17450	11850	23.9 / 27.8 / 31.8	3000	6000 / 6400 / 7100	2700 / 3200 / 3850
			1100	2000	1700	2500(*)	2600	5150	2600	17800	13200		3000	6000 / 6400 / 7100	2700 / 3200 / 3850
	24	1600	1100	2000	1750	2700(*)	2600	5550	2600	18100	13500	33.2 / 38.7 / 44.3	3000	6000 / 6400 / 7100	2700 / 3200 / 3850
	30	2000	1100	2000	2000	2700(*)	2900	5550	2900	18500	14000	41.5 / 48.4 / 55.3	3000	6000 / 6400 / 7100	2700 / 3200 / 3850

- Note
1. Above dimensions in table shall be under the following conditions
1) Door opening : 2panel Center opening (2P-CO), 2) No. of Door in Car : 1Car 1Door
 - 2 OH, PIT dimensions shall be under the following condition
Entrance Height : 2100mm, Cab Height : Manufacturer's standard
 3. Single hoistway (*) for 3.5m/s and 4.0m/s shall not be allowed, (should be Duplex Hoistway)

PLANNING GUIDE

MRL(Machine Room Less)

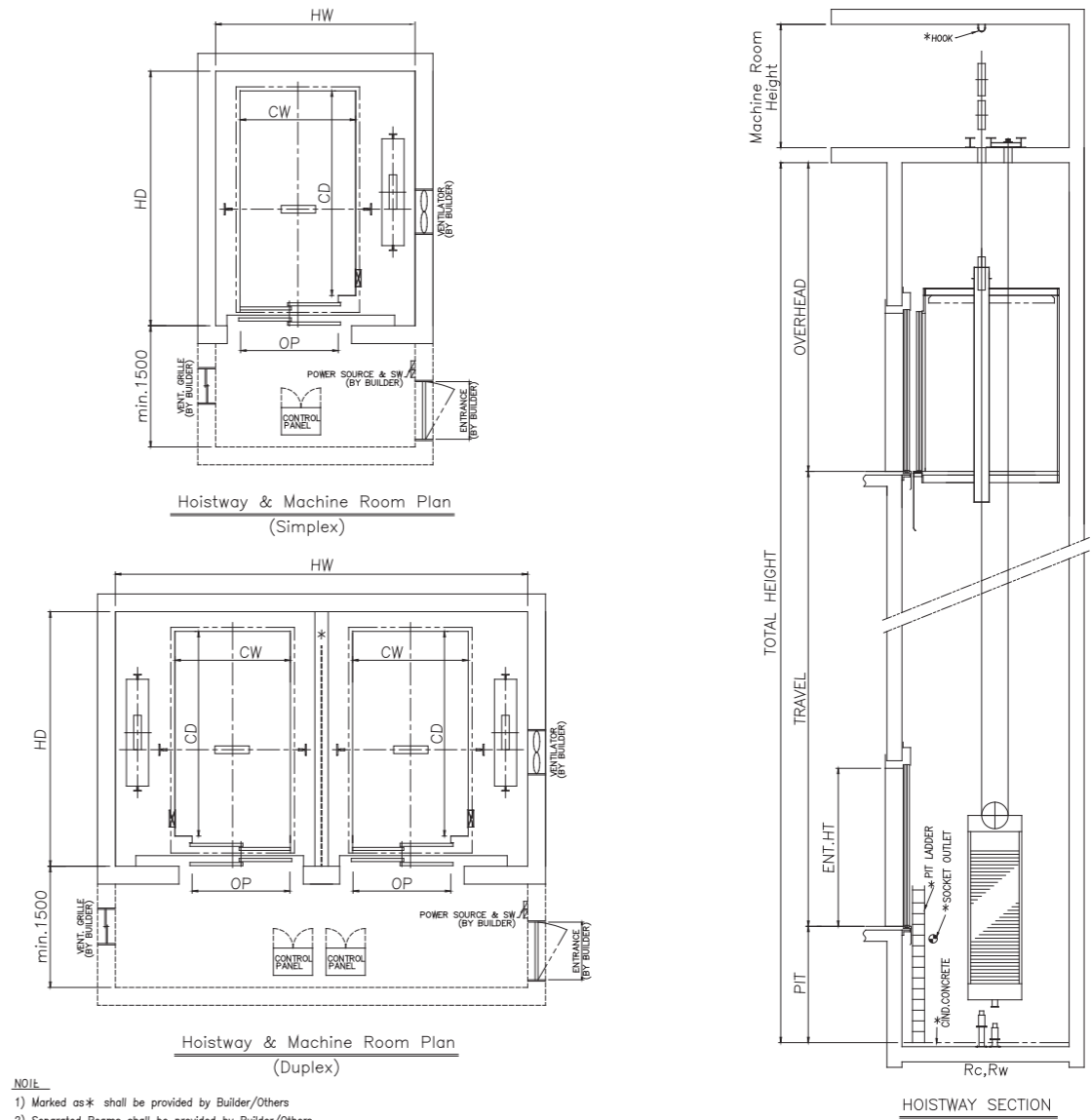


Machine Roomless Elevator(MRL)

Speed [m/sec]	Persons	Load [kg]	OP [EW]	Opening	Car Insize		Hoistway		Reactions				Motor Capacity [kW]	Overhead (1.0/1.5/1.75/2.0 m/s)	PIT (1.0/1.5/1.75/2.0 m/s)
					CW	CD	HW	HD	R1(C.wt)	R2(C.wt)	R3(Car)	R4(Car)			
									Front[kg]	Rear[kg]	Front[kg]	Rear[kg]			
1.0 1.5 1.75 2.0	6	450	700	2P-CO	1100	1150	1850	1600	2200	4000	1500	400	4.2 / 6.3 / 7.3 / 8.4	3800/3900/3950/4100	1350/1450/1500/1700
	8	550	700	2P-CO	1100	1200	1850	1700	2200	4000	1500	400	4.2 / 6.3 / 7.3 / 8.4	3800/3900/3950/4100	1350/1450/1500/1700
	9	630	800	2P-CO	1250	1200	2000	1700	2200	4300	1600	600	4.2 / 6.3 / 7.3 / 8.4	3800/3900/3950/4100	1350/1450/1500/1700
	10	700	800	2P-CO	1250	1350	2000	1800	2200	4300	1600	600	5.3 / 8.0 / 9.3 / 10.7	3800/3900/3950/4100	1350/1450/1500/1700
	11	800	800	2P-CO	1250	1450	2000	1900	2200	4500	1600	600	5.3 / 8.0 / 9.3 / 10.7	3800/3900/3950/4100	1350/1450/1500/1700
	13	900	900	2P-CO	1600	1350	2300	1800	2600	5100	1900	700	6.5 / 9.8 / 11.4 / 13.1	3800/3900/3950/4100	1350/1450/1500/1700
	15	1000	900	2P-CO	1600	1450	2300	1900	2600	5200	1900	700	6.5 / 9.8 / 11.4 / 13.1	3800/3900/3950/4100	1350/1450/1500/1700
	17	1150	1000	2P-CO	1600	1680	2500	2100	2900	5900	2200	900	7.6 / 11.4 / 13.5 / 15.3	3800/3900/3950/4100	1350/1450/1500/1700
	20	1350	1000	2P-CO	1800	1700	2700	2100	3500	6800	2500	1100	9.5 / 14.2 / 16.5 / 17.6	4000/4100/4150/4300	1500/1600/1700/1900
	24	1600	1100	2P-CO	1800	1900	2700	2300	4700	7200	3000	1200	10.5 / 16.5 / 18.1 / 20.7	4000/4100/4150/4300	1500/1600/1700/1900
28	2000	1100	2P-CO	1800	2200	2750	2600	6200	7600	3500	1400	13.0 / 20.7 / 22.6 / 26.0	4000/4100/4150/4300	1500/1600/1700/1900	

Note
1. Above dimensions in table shall be under the following conditions.
1) Door opening : 2panel Center opening (2P-CO)
2) No. of Door in Car : 1Car 1Door

Hospital BED-Gearless



BED (Hospital) Elevator (Non Code Area)

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		Motor Capacity [kW]	M/C Room	Overhead	PIT
				CW	CD	HW	HD	HW	HD	R1(Car)	R2(C.wt)				
										[kg]	[kg]				
1.0	11	800	1100	1300	2300	2150	2900	4450	2900	7900	6100	5.0 / 8.0 / 9.0	2400	4400 / 4500 / 4600	1400 / 1600
1.5	15	1000	1100	1500	2300	2350	2900	4850	2900	11600	8500	6.3 / 10.0 / 11.7	2400	4400 / 4500 / 4600	1400 / 1600
1.75	17	1150	1200	1500	2500	2520	3000	5190	3000	11800	8700	7.7 / 11.5 / 13.5	2400	4400 / 4500 / 4600	1400 / 1600
2.0	11	800	1100	1300	2300	2150	2900	4450	2900	8400	6600	10.0 / 12.5	2500	5000 / 5500	2100 / 2400
	15	1000	1100	1500	2300	2350	2900	4850	2900	12100	9000	13.4 / 16.7	2500	5000 / 5500	2100 / 2400
2.5	17	1150	1200	1500	2500	2520	3000	5190	3000	12300	9200	15.4 / 19.2	2500	5000 / 5500	2100 / 2400

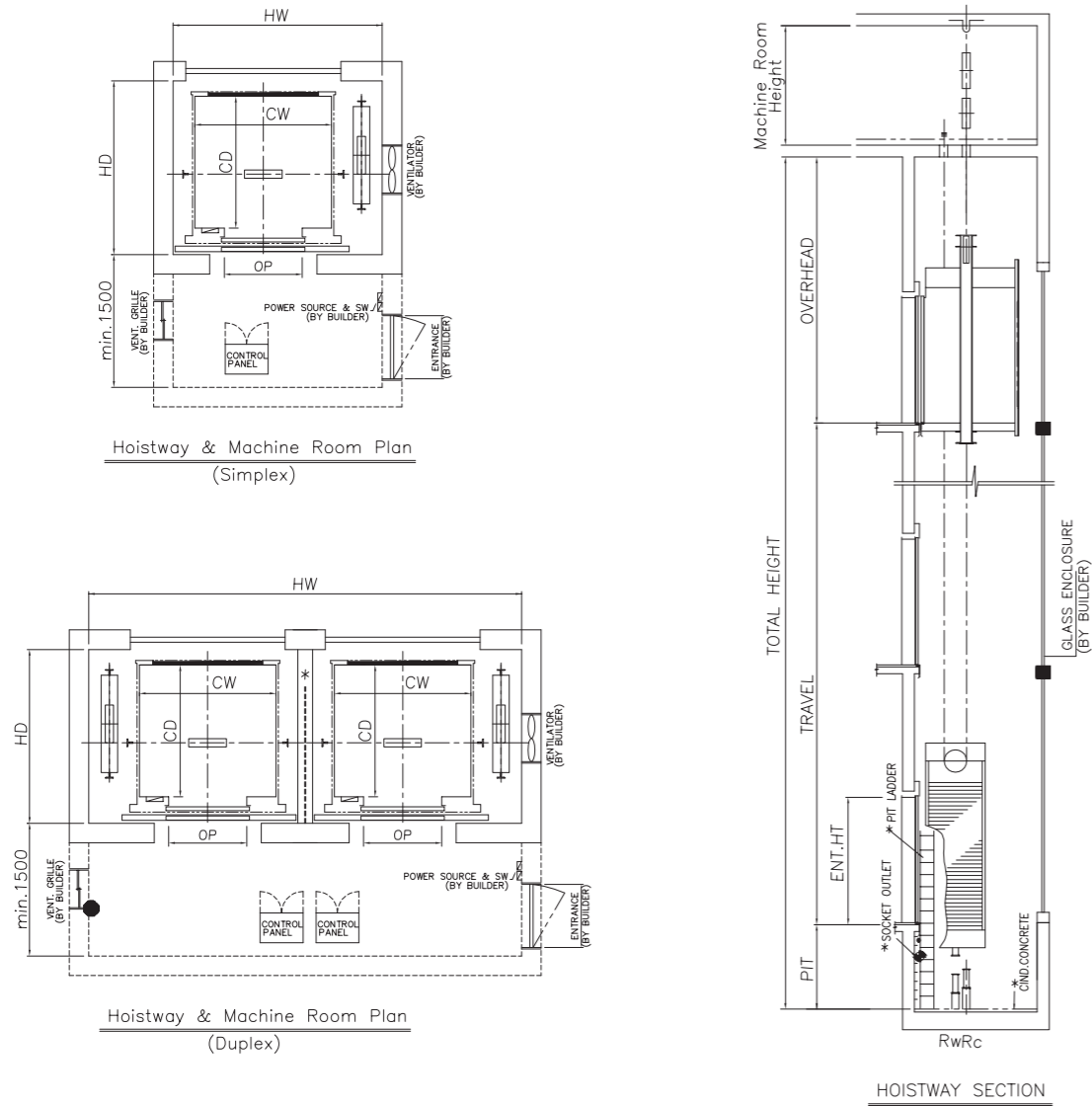
BED (Hospital) Elevator (Code Area:EN-81)

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		Motor Capacity [kW]	M/C Room	Overhead	PIT
				CW	CD	HW	HD	HW	HD	R1(Car)	R2(C.wt)				
										[kg]	[kg]				
1.0	20	1350	1100	1300	2300	2150	2900	4450	2900	9100	6200	9.0 / 13.5 / 15.8	2400	4400 / 4500 / 4600	1400 / 1600
1.5	24	1600	1200	1500	2300	2350	2900	4850	2900	11900	8800	10.7 / 16.0 / 18.7	2400	4400 / 4500 / 4600	1400 / 1600
1.75	28	2000	1200	1500	2500	2520	3000	5190	3000	12100	9000	13.4 / 20.0 / 23.4	2400	4400 / 4500 / 4600	1500 / 1700
2.0	20	1350	1100	1300	2300	2150	2900	4450	2900	9600	6700	18.0 / 22.5	2500	5000 / 5500	2100 / 2400
	24	1600	1200	1500	2300	2350	2900	4850	2900	12400	9300	21.4 / 26.7	2500	5000 / 5500	2100 / 2400
	28	2000	1200	1500	2500	2520	3000	5190	3000	12600	9500	26.7 / 33.4	2500	5000 / 5500	2100 / 2400

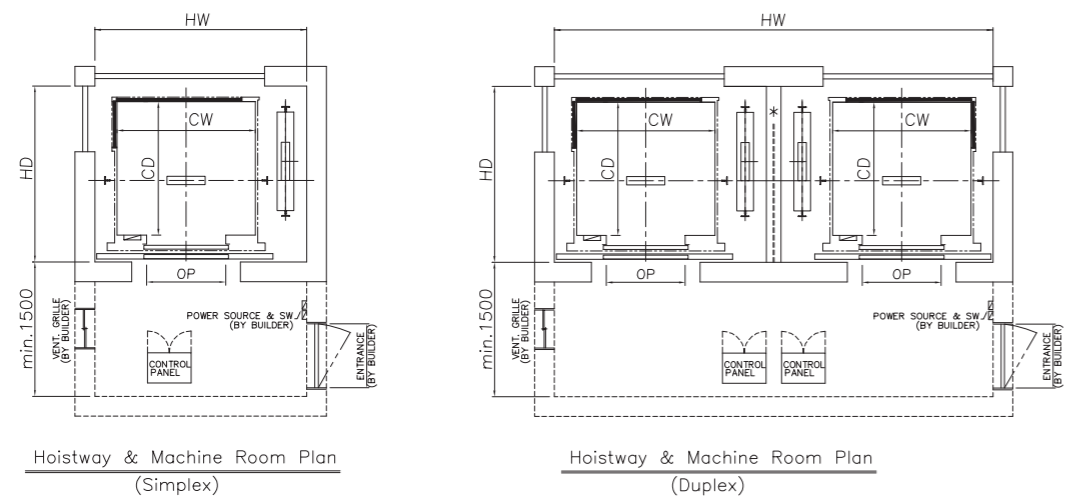
Note
1. Above dimensions in table shall be under the following conditions
1) Door opening : 2panel Side opening (2P-2S), 2) No. of Door in Car : 1Car 1Door
2. OH, PIT dimensions shall be under the following condition
Entrance Height : 2100mm, Cab Height : Manufacturer's standard

PLANNING GUIDE

Panoramic - 1 Side View



Panoramic - 2 Side View



1 SIDE VIEW (SPEED : 1.0~1.75m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
1.0 1.5 1.75	6	450	800	1400	850	2200	1450	4550	1450	4000	3100	2400	4500 / 4600 / 4700	2000 / 2300
	8	550	800	1400	1050	2200	1600	4550	1600	4300	3400	2400	4500 / 4600 / 4700	2000 / 2300
	9	600	800	1400	1100	2200	1700	4550	1700	4500	3500	2400	4500 / 4600 / 4700	2000 / 2300
	9	630	800	1400	1150	2200	1800	4550	1800	4600	3600	2400	4500 / 4600 / 4700	2000 / 2300
	10	700	800	1400	1250	2200	1850	4550	1850	4700	3700	2400	4500 / 4600 / 4700	2000 / 2300
	11	800	800	1400	1350	2200	1950	4550	1950	5000	4000	2400	4500 / 4600 / 4700	2000 / 2300
	13	900	900	1600	1350	2400	1950	4950	1950	6300	4400	2400	4500 / 4600 / 4700	2000 / 2300
	15	1000	900	1600	1500	2400	2100	4950	2100	6700	4700	2400	4500 / 4600 / 4700	2000 / 2300
	17	1150	1000	1800	1500	2800	2100	5750	2100	10100	6000	2400	4500 / 4600 / 4700	2000 / 2300
	20	1350	1000	1800	1700	2800	2300	5750	2300	10700	6500	2400	4500 / 4600 / 4700	2000 / 2300
24	1600	1100	2000	1750	3000	2350	6150	2350	12100	6700	2400	4500 / 4600 / 4700	2000 / 2300	
30	2000	1200	2000	2000	3000	2600	6150	2600	12900	7100	2400	4500 / 4600 / 4700	2000 / 2300	

1 SIDE VIEW (SPEED : 2.0~2.5m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
2.0 2.5	13	900	900	1600	1350	2400	2000	4950	2000	6300	4400	2500	5000 / 5500	2100 / 2400
	15	1000	900	1600	1500	2400	2150	4950	2150	6700	4700	2500	5000 / 5500	2100 / 2400
	17	1150	1000	1800	1500	2800	2150	5750	2150	10100	6000	2500	5000 / 5500	2100 / 2400
	20	1350	1000	1800	1700	2800	2350	5750	2350	10700	6500	2500	5000 / 5500	2100 / 2400
	24	1600	1100	2000	1750	3000	2400	6150	2400	12100	6700	2500	5000 / 5500	2100 / 2400
	30	2000	1100	2000	2000	3000	2650	6150	2650	12900	7100	2500	5000 / 5500	2100 / 2400

2 SIDE VIEW (SPEED : 1.0~1.75m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
1.0 1.5 1.75	8	550	800	1400	1050	2250	1650	4650	1650	4700	3800	2400	4500 / 4600 / 4700	2000 / 2300
	9	600	800	1400	1100	2250	1700	4650	1700	4900	3900	2400	4500 / 4600 / 4700	2000 / 2300
	9	630	800	1400	1150	2250	1800	4650	1800	5000	4000	2400	4500 / 4600 / 4700	2000 / 2300
	10	700	800	1400	1250	2250	1850	4650	1850	5100	4100	2400	4500 / 4600 / 4700	2000 / 2300
	11	800	800	1400	1350	2250	1950	4650	1950	5400	4400	2400	4500 / 4600 / 4700	2000 / 2300
	13	900	900	1600	1350	2500	1950	5150	1950	6700	4800	2400	4500 / 4600 / 4700	2000 / 2300
	15	1000	900	1600	1500	2500	2100	5150	2100	7100	5100	2400	4500 / 4600 / 4700	2000 / 2300
	17	1150	1000	1800	1500	2850	2100	5850	2100	10400	6400	2400	4500 / 4600 / 4700	2000 / 2300
	20	1350	1000	1800	1700	2850	2300	5850	2300	11100	6900	2400	4500 / 4600 / 4700	2000 / 2300
	24	1600	1100	2000	1750	3050	2350	6250	2350	12500	7100	2400	4500 / 4600 / 4700	2000 / 2300
30	2000	1200	2000	2000	3050	2600	6250	2600	13300	7500	2400	4500 / 4600 / 4700	2000 / 2300	

2 SIDE VIEW (SPEED : 2.0~2.5m/s)

[unit : mm]

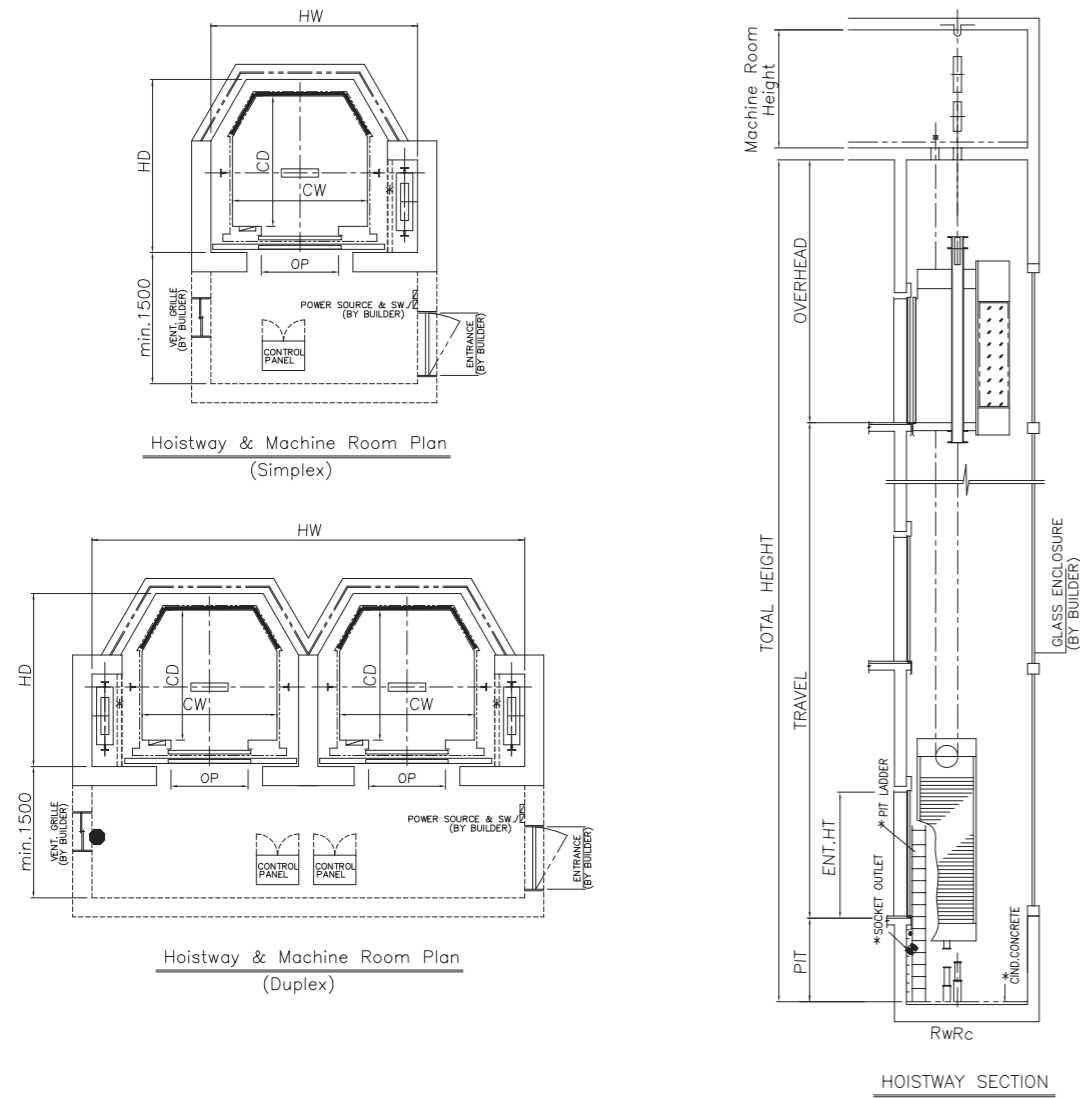
Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize		Hoistway				Reactions		M/C Room	Overhead	PIT
				CW	CD	Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
2.0 2.5	13	900	900	1600	1350	2500	1950	5150	1950	6700	4800	2500	5000 / 5500	2100 / 2400
	15	1000	900	1600	1500	2500	2100	5150	2100	7100	5100	2500	5000 / 5500	2100 / 2400
	17	1150	1000	1800	1500	2850	2100	5850	2100	10400	6400	2500	5000 / 5500	2100 / 2400
	20	1350	1000	1800	1700	2850	2300	5850	2300	11100	6900	2500	5000 / 5500	2100 / 2400
	24	1600	1100	2000	1750	3050	2350	6250	2350	12500	7100	2500	5000 / 5500	2100 / 2400
	30	2000	1100	2000	2000	3050	2600	6250	2600	13300	7500	2500	5000 / 5500	2100 / 2400

Note

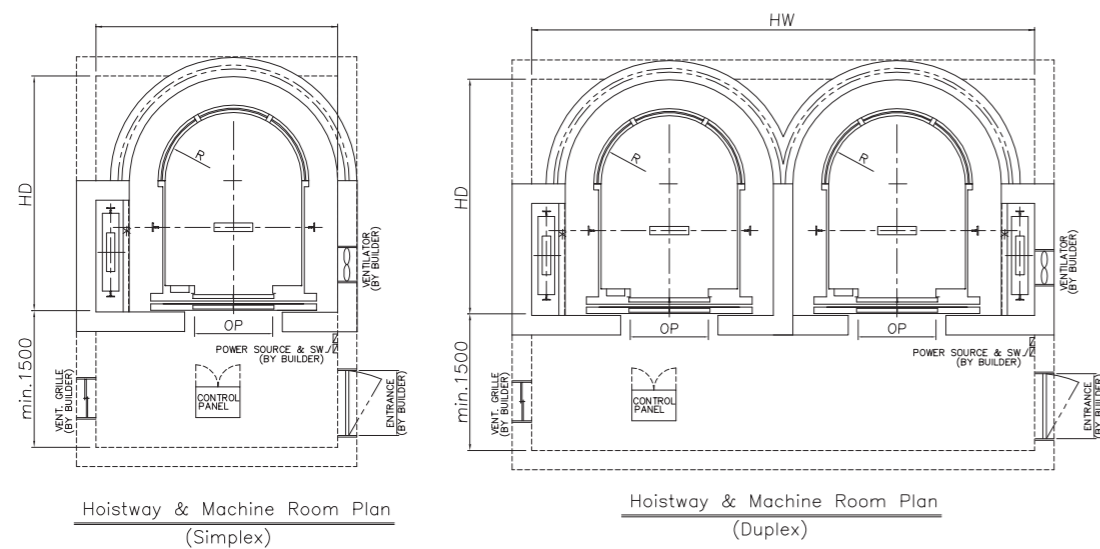
- Above dimensions in table shall be under the following conditions
1) Door opening : 2panel Center opening (2P-CO), 2) No. of Door in Car : 1Car 1Door
- OH, PIT dimensions shall be under the following condition
Entrance Height : 2100mm, Cab Height : Manufacturer's standard

PLANNING GUIDE

Panoramic - 3 Side View



Panoramic - Round View



3 SIDE VIEW (SPEED : 1.0~1.75m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize CW CD		Hoistway				Reactions		M/C Room	Overhead	PIT
						Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
1.0 1.5 1.75	10	700	800	1400	1250	2350	1900	4850	1900	5800	3900	2400	4500 / 4600 / 4700	2000 / 2300
	11	800	800	1400	1350	2350	2000	4850	2000	6700	4500	2400	4500 / 4600 / 4700	2000 / 2300
	13	900	900	1600	1350	2500	2000	5150	2000	7300	4700	2400	4500 / 4600 / 4700	2000 / 2300
	15	1000	900	1600	1500	2500	2150	5150	2150	7600	5000	2400	4500 / 4600 / 4700	2000 / 2300
	17	1150	1000	1800	1500	2850	2150	5850	2150	10200	6400	2400	4500 / 4600 / 4700	2000 / 2300
	20	1350	1000	1800	1700	2850	2350	5850	2350	11100	6700	2400	4500 / 4600 / 4700	2000 / 2300
	24	1600	1100	2000	1750	3150	2400	6450	2400	12200	7100	2400	4500 / 4600 / 4700	2000 / 2300
30	2000	1200	2000	2000	3150	2650	6450	2650	13000	7500	2400	4500 / 4600 / 4700	2000 / 2300	

3 SIDE VIEW (SPEED : 2.0~2.5m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize CW CD		Hoistway				Reactions		M/C Room	Overhead	PIT
						Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
2.0 2.5	13	900	900	1600	1350	2500	2000	5150	2000	7300	4700	2500	5000 / 5500	2100 / 2400
	15	1000	900	1600	1500	2500	2150	5150	2150	7600	5000	2500	5000 / 5500	2100 / 2400
	17	1150	1000	1800	1500	2850	2150	5850	2150	10200	6400	2500	5000 / 5500	2100 / 2400
	20	1350	1000	1800	1700	2850	2350	5850	2350	11100	6700	2500	5000 / 5500	2100 / 2400
	24	1600	1100	2000	1750	3150	2400	6450	2400	12200	7100	2500	5000 / 5500	2100 / 2400
	30	2000	1100	2000	2000	3150	2650	6450	2650	13000	7500	2500	5000 / 5500	2100 / 2400

Round VIEW (SPEED : 1.0~1.75m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize CW CD		Hoistway				Reactions		M/C Room	Overhead	PIT
						Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
1.0 1.5 1.75	11	800	800	1300	1600	2250	2200	4650	2200	6100	4400	2400	4500 / 4600 / 4700	2000 / 2300
	13	900	900	1300	1800	2250	2400	4650	2400	7100	5200	2400	4500 / 4600 / 4700	2000 / 2300
	15	1000	900	1400	1860	2400	2450	4950	2450	7600	5300	2400	4500 / 4600 / 4700	2000 / 2300
	17	1150	1000	1500	1960	2500	2550	5150	2550	10200	6800	2400	4500 / 4600 / 4700	2000 / 2300
	20	1350	1000	1600	2080	2650	2700	5450	2700	11250	6900	2400	4500 / 4600 / 4700	2000 / 2300
24	1600	1100	1700	2240	2850	2850	5850	2850	12500	7000	2600	4500 / 4600 / 4700	2000 / 2300	

Round VIEW (SPEED : 2.0~2.5m/s)

[unit : mm]

Speed [m/sec]	Persons	Load [kg]	OP [OP]	Car Insize CW CD		Hoistway				Reactions		M/C Room	Overhead	PIT
						Single(1unit)		Duplex(2units)		R1(Car) [kg]	R2(C.wt) [kg]			
2.0 2.5	13	900	900	1300	1800	2400	2400	4950	2400	7100	5200	2500	5000 / 5500	2100 / 2400
	15	1000	900	1400	1860	2500	2450	5150	2450	7600	5300	2500	5000 / 5500	2100 / 2400
	17	1150	1000	1500	1960	2650	2550	5450	2550	10200	6800	2500	5000 / 5500	2100 / 2400
	20	1350	1000	1600	2080	2750	2700	5650	2700	11250	6900	2500	5000 / 5500	2100 / 2400
	24	1600	1100	1700	2240	2950	2850	6050	2850	12500	7000	2500	5000 / 5500	2100 / 2400

Note
 1. Above dimensions in table shall be under the following conditions
 1) Door opening : 2panel Center opening (2P-CO), 2) No. of Door in Car : 1Car 1Door
 2 OH, PIT dimensions shall be under the following condition
 Entrance Height : 2100mm, Cab Height : Manufacturer's standard

PLANNING GUIDE

Technical Features

Feature	Description	Remark
Full collective selective	In automatic running or attendant state, this function enables the elevator to respond 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.	●
Anti- nuisance function	The system automatically judges the number of passengers in the car and compares it with the number of registered car calls. If there are excessive car calls, the system determines that it is nuisance and cancels all car calls. In this case, passengers need to register correct car calls again.	●
Car Call Cancellation	Passengers can press the button consecutively twice to cancel wrong calls.	●
Turn Off of Car Light and Fan	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.	●
Full-load direct running	When the car is full-loaded in automatic running state, the elevator does not respond to hall calls from the passing floors. These halls calls, however, can still be registered, and will be executed at next time of running (in the case of single elevator) or by another elevator (in the case of parallel/group control).	●
Overload protection	When the car load exceeds the rated elevator load, the elevator alarms and stops running.	●
Button stuck check	The system can automatically identify whether a hall call button is stuck and cancel the stuck call, preventing the condition that the elevator cannot close and run due to stuck hall calls.	●
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.	●
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.	●
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.	●
Arrival gong disabled at night	Within the set time period, the arrival gong is disabled.	●
Landing at another floor	If the door open time exceeds the door open protection time but the door open limit signal is still inactive, the elevator closes the door and then automatically runs to the next landing floor.	●
Voice Announcement	The elevator automatically announces information such as the running direction and next arriving floor during running.	●
Forced door close	When the door fails to close within the set time due to the action of the light curtain or safety edge, the elevator enters the forced door close state, closes the door slowly, and gives a prompt tone.	●
Parallel / Croup control	The system supports parallel control of two elevators / group control of more than three elevators	○
Micro Leveling	After landing at a floor, the elevator may move upward or downward due to the load change and the car door is not aligned with the ground, which is inconvenient for in and out of passengers and goods. In this case, the system allows the elevator to run to the leveling position in the door open state at the leveling speed.	○
Light curtain signal judgment	If the door is blocked by stuff during door close, the light curtain acts and the elevator opens the door. This function is invalid in fire emergency state.	○
Power failure emergency evacuation	For the elevator configured with standby power supply, the system uses the standby power supply (ARD System) to implement low-speed self-rescue in the case of power failure.	○
Residential monitoring	The control system can be connected to the terminal in the monitoring room. By using the NEMS software, you can view the floor position, running direction, and fault state of the elevator.	○
Parking Operation	In order for park the elevator, if the parking key is on position the car stop at the specified floor after finish servicing of all of registered call. After the car stops at the specified floor, the car light and fan are off automatically and every buttons both on the car operating panel and hall button box are no more available.	○
Fire return Operation	In case of fire every cars should be returned to the specified floor in order to evacuate passengers safety.	○
Fireman Operation	In case of fire, a fireman can use the elevator which is stopped at the specified floor in order to support fireman for fire-fighting.	○

Power Supply plan

Speed	Load (kg)	Persons	Speed	Motor Capa.	N.F.B	Transformer	Lead-in Wire	Earth Wire
			[m/s]	[kW]	[A]	[kVA]	[mm ²]	[mm ²]
1.0 1.5 1.75	450	6	1	3.7	16	5.9	1.5	1.5
			1.5	6.3	32	11	4	4
			1.75	7.3	32	11	4	4
	550	8	1	3.7	16	5.9	1.5	1.5
			1.5	6.3	32	11	4	4
			1.75	7.3	32	11	4	4
	630	9	1	3.7	16	5.9	1.5	1.5
			1.5	6.3	32	11	4	4
			1.75	7.3	32	11	4	4
	680	10	1	5	25	8.9	2.5	2.5
			1.5	8	40	17	6	6
			1.75	9	40	17	6	6
	750	11	1	5	25	8.9	2.5	2.5
			1.5	8	40	17	6	6
			1.75	9	40	17	6	6
	900	13	1	6.3	32	11	4	4
			1.5	10	40	17	6	6
			1.75	11.7	50	21	6	6
	1000	15	1	6.3	32	11	4	4
			1.5	10	40	17	6	6
			1.75	11.7	50	21	6	6
	1150	17	1	7.7	40	17	6	6
			1.5	11.5	50	21	6	6
			1.75	13.5	50	21	6	6
1350	20	1	9	40	17	6	6	
		1.5	13.5	50	21	6	6	
		1.75	15.8	63	24	10	10	
1600	24	1	10.7	40	17	6	6	
		1.5	16	63	24	10	10	
		1.75	18.7	80	30	10	10	
2000	28	1	13.4	50	21	6	6	
		1.5	20	80	30	10	10	
		1.75	23.4	80	40	16	16	
2.0 m/s	630	9	2	8.4	40	17	6	6
			2.5	15	50	21	6	6
	680	10	2	12.5	50	21	6	6
			2.5	15	50	21	6	6
	750	11	2	12.5	50	21	6	6
			2.5	15	50	21	6	6
	900	13	2	13.4	50	21	6	6
			2.5	16.7	63	24	10	10
	1000	15	2	13.4	50	21	6	6
			2.5	16.7	63	24	10	10
	1150	17	2	15.4	63	24	10	10
			2.5	19.2	80	30	10	10
1350	20	2	18.0	80	24	10	10	
		2.5	22.5	100	40	16	16	
1600	24	2	21.4	80	30	10	10	
		2.5	26.7	100	40	16	16	
2000	28	2	26.7	100	40	16	16	
		2.5	33.4	100	57	25	16	
2.5 m/s	630	9	2	8.4	40	17	6	6
			2.5	15	50	21	6	6
	680	10	2	12.5	50	21	6	6
			2.5	15	50	21	6	6
	750	11	2	12.5	50	21	6	6
			2.5	15	50	21	6	6
900	13	2	13.4	50	21	6	6	
		2.5	16.7	63	24	10	10	
1000	15	2	13.4	50	21	6	6	
		2.5	16.7	63	24	10	10	
1150	17	2	15.4	63	24	10	10	
		2.5	19.2	80	30	10	10	
1350	20	2	18.0	80	24	10	10	
		2.5	22.5	100	40	16	16	
1600	24	2	21.4	80	30	10	10	
		2.5	26.7	100	40	16	16	
2000	28	2	26.7	100	40	16	16	
		2.5	33.4	100	57	25	16	

Heat Output of Machine Room
 $Kcal/H = F \times L \times S$
 L : Rated Load [kg] F : Factor(1/40)
 S : Rated Speed [m/min] *cal = 4.2J
 H : Hour

PLANNING GUIDE

Works by Others

Work by Others

The works below are not included in the elevator installation work and should be carried out by building contractors in accordance with our drawing, relevant international or codes and regulations.

Hoistway

- A properly framed and enclosed hoistway, including any ventilation as required by the governing code or authority.
- A dry pit constructed to the elevator manufacture's specifications to reinforce or sustain any vertical forces on the guide rails impacted loads from the car and counterweight buffers.
- A metal still angle or concrete haunch across the full width of the hoistway at each elevator landing.
- Provision of steel bars to fix jamb around the entrance of each floor.
- All cutting, including cutouts to accommodate hall signal fixtures, patching, painting of wall, floors, or partitions, together with finish painting of entrance doors and frame, if required.
- Provision of entrance or ladder for pit access.
- Supply and installation of fascia plate
- Installation of emergency exits and electric wiring in blind sections of hoistway where required.
- the tolerance of emergency exits and electric wiring in build sections of hoistway where required.
- The tolerance of perpendicular line over the whole hoistway height must not exceed $\pm 30\text{mm}$.
- A waterproof outlet and light fixture in the elevator pit area with the light switch being located adjacent to the access door ladder.
- Suitable light fixture and convenience outlet in the pit with a light switch adjacent to the access door or ladder. The receptacles shall have protection for ground.

Machine Room

- Provision of wiring between controller and building management system.
- A construction hoisting beam or hook, if require, with the correct location and size as determined by elevator contractor for each hoistway.
- Noise insulation should be installed between machine room and adjacent residential area.
- A suitable machine room with legal access, ventilation and concrete floor. The temperature in the machine room should be maintained between 5°C and 40°C Relative humidity should not exceed 90%(monthly) and 95%(daily) non-condensing. Ventilation fan or air conditioner should be provided as per heat dissipation by the elevator contractor.
- The size of entrance shall be min. 1000mm(w) X 2000mm(H).
- Installation of lead-in wire and earth wire between building main power board and room incoming distribution board. However, machine room lighting source supply shall be install separately.
- Provision of suitable light fixture and convenience outlets in the machine room.

Miscellaneous

- Wiring and piping between each machine room and monitoring system.
- Machine room and hoistway shall be free or harmful gas.
- All electric power for lighting, tools, welding, etc during installation.
- All single phase receptacles installed in machine room, pit and machinery spaces shall ground fault circuit interrupter protection.
- Fire detector for emergency operation.
- A secured area for storage of elevator equipment and materials during installation.

Elevator Confirmation Sheet

Project Name: _____
 Q'ty: _____
 Date: _____
 Confirmed by Customer: _____

Elevator type : _____
 Rated Speed: _____ [m/sec]
 Rated Load: _____ [kg]
 No. of Building; _____
 No. of Stop: _____
 Total Height []mm
 = Travel + OH + PIT = []+[]+[]mm
 Hoistway Size (W x D) [w]mm x [d]mm

Car	Ceiling Type	
	Car Wall	
	Car Door	
	COP type	
	Hand Rail	
	Flooring	
	Car Insize	[]mm x []mm

		G Floor	TYP.FLs
Landing	Landing Door		
	JAMB	Type	
		Material	
	JAMB Width		
	Hall Button		
HPI	Horizontal		
	Vertical		

Reamrk & Options

