

Sigma head office
6F Two IFC, 10 Gukjegeumyung-ro,
Youngdeungpo-go, Seoul 07326, Korea



ISO 9001
Certificate



ISO 14001
Certificate



ISO 50001
Certificate

Sigma constantly endeavors to improve products.
Please note that the information in this catalog is
subject to change without prior notice.

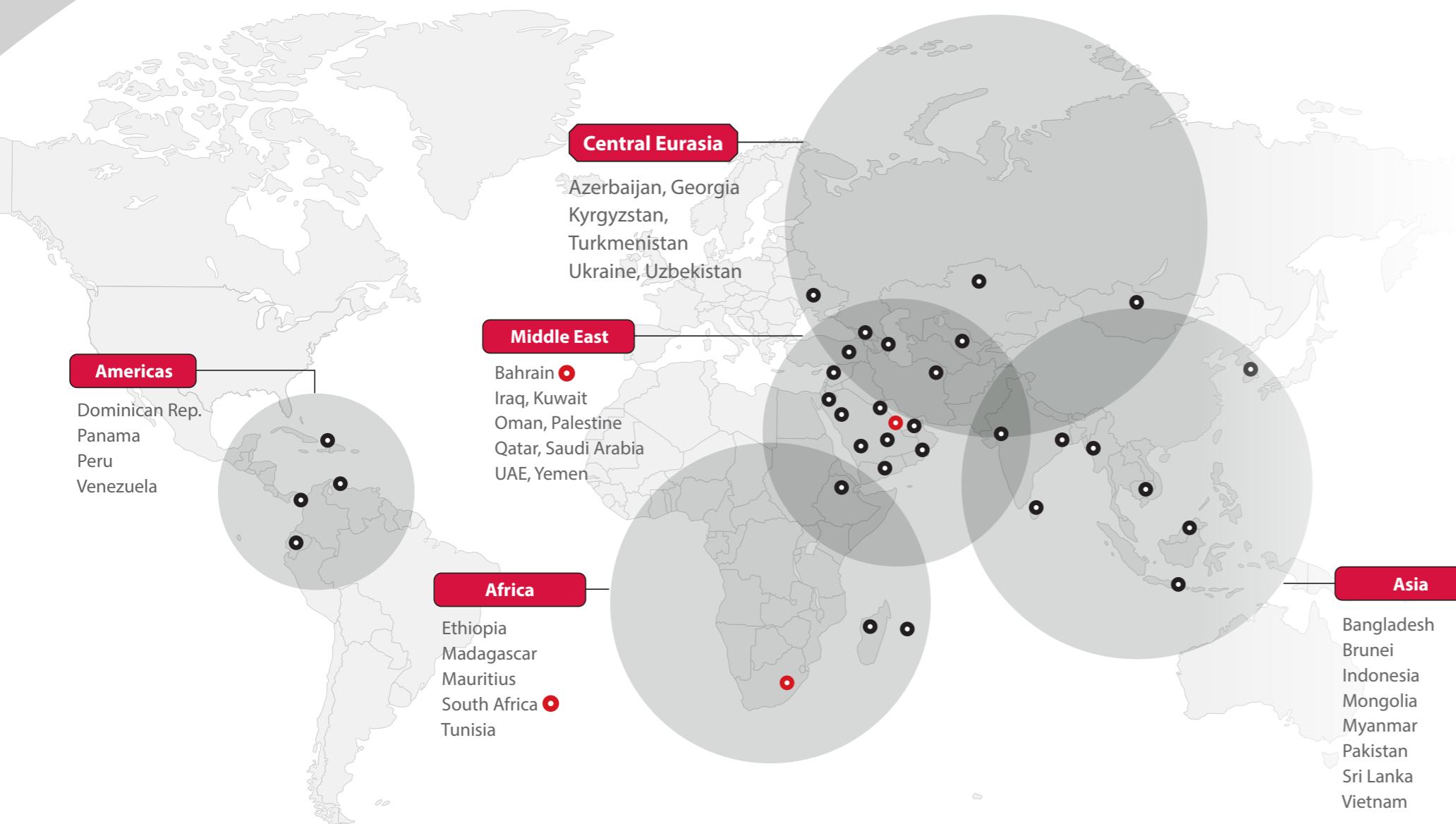
2023. 07 / Revision 0

The new
pinnacle of
**your
elevator**

Reaching new heights
<http://sigmaelevator.com>



SIGMA GLOBAL NETWORK



Sigma has exported over
160,000 elevators
worldwide since 1978





ISO 9001
Certificate



ISO 14001
Certificate



ISO 50001
Certificate

TOP-CLASS FACTORY

High tech factory with international accreditation enhances the competitiveness of the Sigma brand in the world.



Global engineered

The world's best engineers develop robust and optimized products through stringent quality verification system.

Qualified technology & products

Uniform and safe product supply according to Sigma's product development and proven parts supply process.

Korea flavored aesthetics

Providing trendy and practical products in collaboration with Korea Design Center.

Service excellence

Service excellence is beyond what we provide. It is how we think and act. It is not just "fixing a problem" or performing routine maintenance, but to provide prompt responses to every requests and passion for continuous improvement.

Reliability & Quality

Reliability and safety have been Sigma's foremost concerns. We are constantly pursuing to develop safer and reliable technologies for new products.



Sigma's elevators

ACRA 2.0 & SOLON 2.0

COMPACT MACHINE ROOM CONFIGURATION

The ACRA 2.0 elevator can be configured in a compact design that takes up no additional space beyond the hoistway, which not only reduces construction costs but also optimizes the use of rooftop area.

MACHINE ROOM-LESS CONFIGURATION

The SOLON 2.0 elevator requires only a hoistway as it features a compact machine and controller that fit inside it. This eliminates the need for a machine room to house the elevator components on top of the building, resulting in lower construction expenses and freeing up rooftop space.

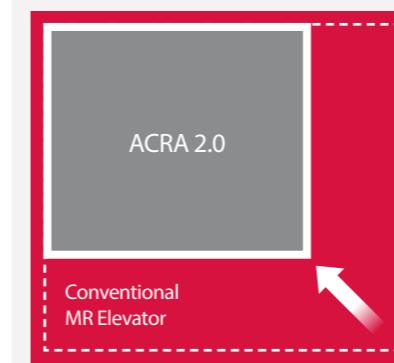
ACRA 2.0

ACRA 2.0 is a machine room type elevator and it is most popular amongst Sigma products.



SOLON 2.0

SOLON 2.0 is an innovative roped type machine roomless mid-rise elevator with a highly efficient and compact PMSM (Permanent Magnet Synchronous Motor) gearless traction machine.



⊕ COMPACT DESIGN

Mini machine room technology eliminates machine room space and cost for greater architectural design freedom.

⊕ MAXIMIZED SPACE SAVINGS

Compact PMSM allows a smaller machine sheave, reducing machine size and raising efficiency.

Main Components

Traction Machine



ACRA 2.0
Compact PMSM



SOLON 2.0
Pencil machine
for Machine On Rail

- Globally designed and manufactured
- Lower vibration and better ride quality
- UCMP & ACOP certified
(Unintended Car Movement Protection)
(Ascending Car Overspeed Protection)

- Efficient and reliable performance
- More reliable and better EMC performance
- Lower brake noise

Controller



OH-CON-MR



OH-CON-MRL

Main Safety Components



Safety gear

Sigma Standard
24 times of System Braking

EN81 Standard
3 times of System Braking



Overspeed governor

Sigma Standard
12 times of Dynamic Activation

EN81 Standard
3 times of Dynamic Activation



Oil buffer

Sigma Standard
100 times of Impact Test

EN81 Standard
2 times of Impact Test

⊕ Environment Test

Temperature test

Factory Standard
-10 °C ~ 70 °C
VS
EN Standard
+5 °C ~ 40 °C

Dust test

Factory Standard
6000 g/m³
VS
EN Standard
6 g/m³

⊕ The industry-leading seal-star function to ensure safe rescue.

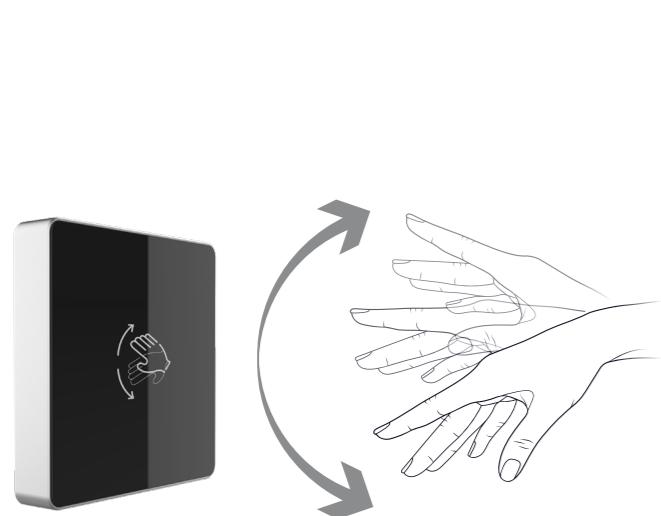
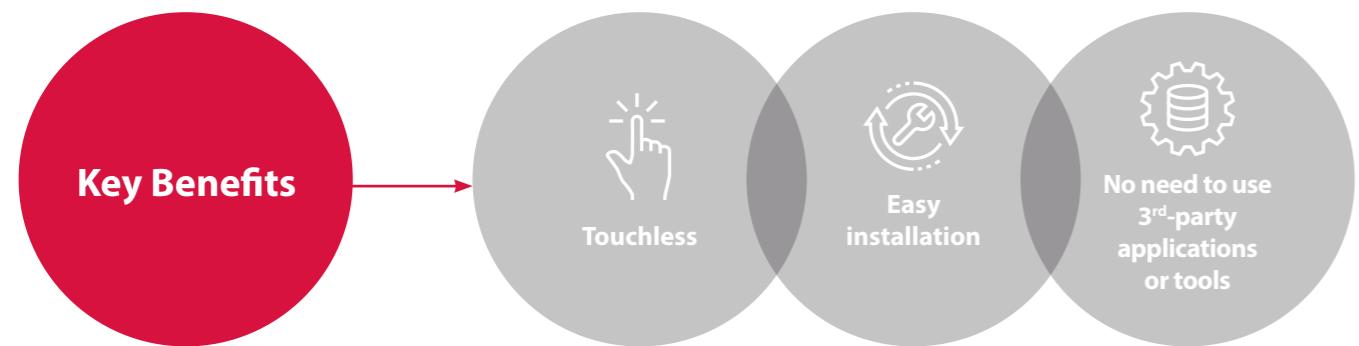
⊕ More silent, adopt noiseless contactor.

⊕ EMC compliance, non interference with other electromagnetic devices

Hygiene Innovation

New types of fixtures that provide innovative interface which fits the customers hygienic needs in protecting passengers from bacteria and virus exposure.

Gesture & Touchless



Registering floors from the landing without touching the button, using hand gestures



Registering floors without physically touching the button located next to the landing door by utilizing the sensor.

Air Purifier

An atom or group of atoms with negative electrical charge.

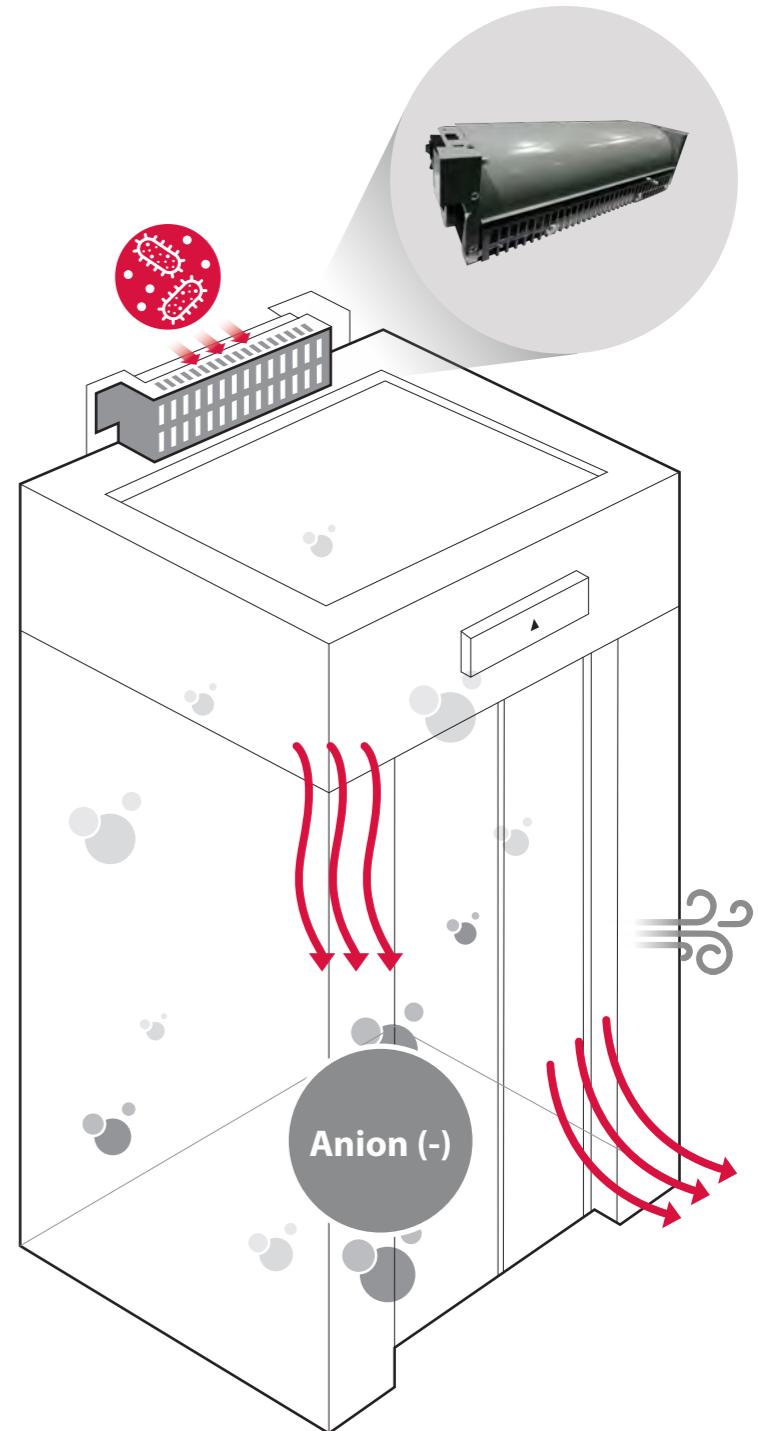
Positive ions produced by contaminated substances, dust, and bacteria can pollute the air. To maintain a clean and fresh atmosphere, anions counteract and eliminate these positive ions by neutralizing and settling them.

Improved ventilation

Exchanges the entire air in cab

>50 times/hour

Create a cleaner and healthier car environment





Classic

The Classic type is a timeless design that offers reliable and efficient performance. With its simple yet elegant style, it's the perfect choice for any building.

Cozy

The Cozy type is designed to provide a comfortable and inviting experience for passengers. Its warm lighting and plush interior make it the perfect choice for our customers.

Prestige

The Prestige type is the epitome of luxury and sophistication. Its sleek and modern design is sure to impress, and its advanced technology ensures a smooth and quiet ride.

Pinnacle

The Pinnacle type is the ultimate choice for customers that are meant to complement the overall architectural style of the building as well as giving passengers a riding comfort.



DESIGN

Classic

2201



Front View



Rear View

Specification

Ceiling	CS_L001 (RAL7038)
COP	COP09
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel
	· Pearl light champagne painted RAL140
	Side Panel (from front to rear)
	· Pearl light champagne painted RAL140
	Rear Panel (from left to right)
	· Pearl light champagne painted RAL140_MPL
	· White mirror patchwork
	· Pearl light champagne painted RAL140_MPL
Car Door Panel	Pearl light champagne painted RAL140
Handrail	4900S_C 2 Side
Flooring	DE103

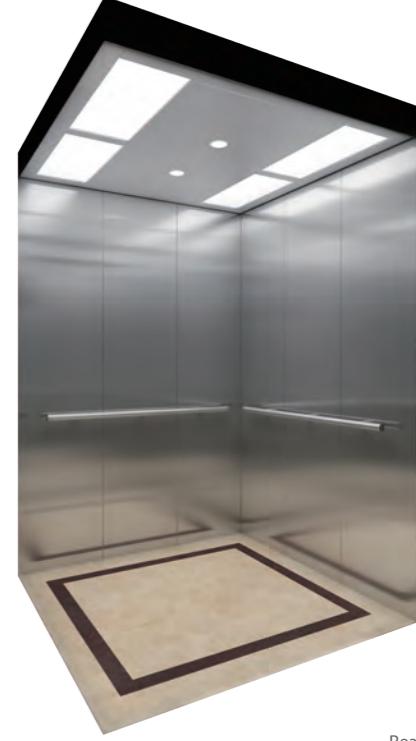
DESIGN

Classic

2202



Front View



Rear View

Specification

Ceiling	CE209A (Hairline St.St)
COP	COP09
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	Front Panel
	· Hairline St. St.
	Side Panel (from front to rear)
	· Hairline St. St.
	Rear Panel (from left to right)
	· Hairline St. St.
Car Door Panel	Hairline St. St.
Handrail	4900B_A 3 side
Flooring	DT03

The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy

2203



Front View



Rear View

Specification

Ceiling	CE_301 (Hairline St.St)
COP	COP07
CPI	LED5.5
COP Button	BR016B
Car Wall Finish	Front Panel · Hairline St. St. Side Panel (from front to rear) · EW2-085 Etched Hairline St.St Rear Panel (from left to right) · EW2-085 Etched Hairline St.St
Car Door Panel	EH1-085 Etched Hairline St.St
Handrail	4900_A 3 Side
Flooring	DE313

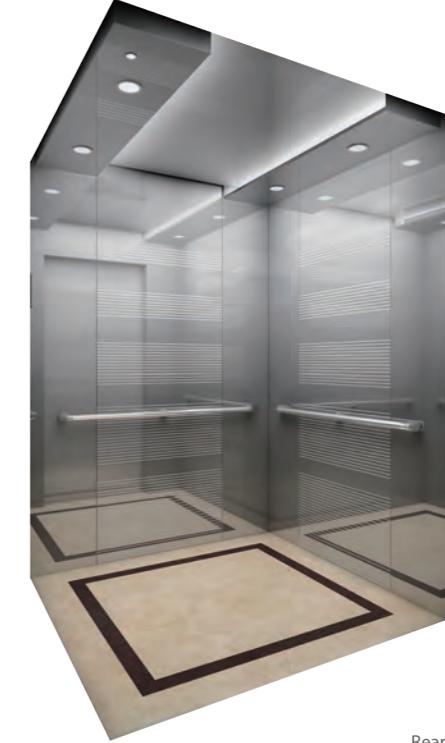
DESIGN

Cozy

2204



Front View



Rear View

Specification

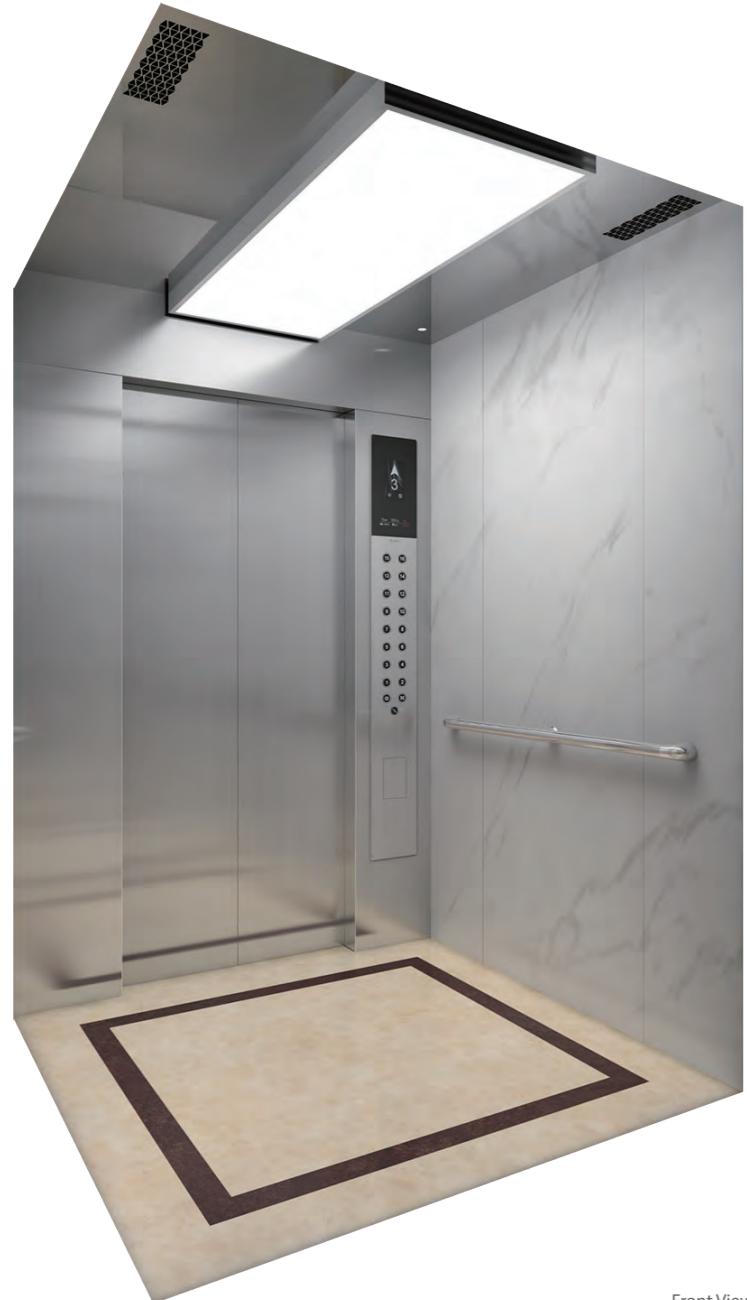
Ceiling	4605L (Mirror St.St)
COP	COP09A (Mirror St.St)
CPI	LED5.5
COP Button	BR018
Car Wall Finish	Front Panel · Mirror St. St. Side Panel (from front to rear) · Mirror St.St · EW4-034 Etched Mirror St.St · Mirror St.St. Rear Panel (from left to right) · Mirror St.St · EW4-034 Etched Mirror St.St · Mirror St.St.
Car Door Panel	EH3-034 Etched Mirror St.St
Handrail	4900R_B 3 Side
Flooring	DT03

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DESIGN

Cozy

2205

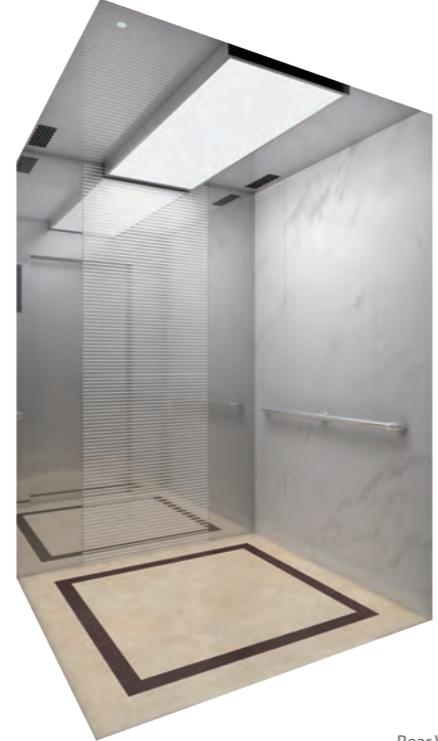


Front View

Special Finish	
CG-10 White Marble Stone Color Metal	SK-2 Etched Mirror St.St

Specification

Ceiling	CE_301 (Mirror St.St)
COP	COP07 (Hairline St.St)
CPI	TFT7
COP Button	BR015
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • CG-10 White Marble Stone Color Metal <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • Mirror St.St • SK-2 Etched Mirror St.St • Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900R_C 2 Side
Flooring	DT03



Rear View

DESIGN

Cozy

2206



Front View

Special Finish	
	CG-4 Ebony Color Metal

Specification

Ceiling	4605L (Painted RAL7048PL)
COP	COP07 (Mirror St.St)
CPI	TFT7
COP Button	BR015B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • Hairline St.St • CG-4 Ebony Color Metal • Hairline St.St <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • Hairline St.St • Mirror St.St • Hairline St.St
Car Door Panel	EH1-085 Etched Hairline St.St
Handrail	4900_B 3 Side
Flooring	DE103



Rear View

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Car wall image can be different (changed) depending on capacity

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DESIGN

Cozy

2207



Front View

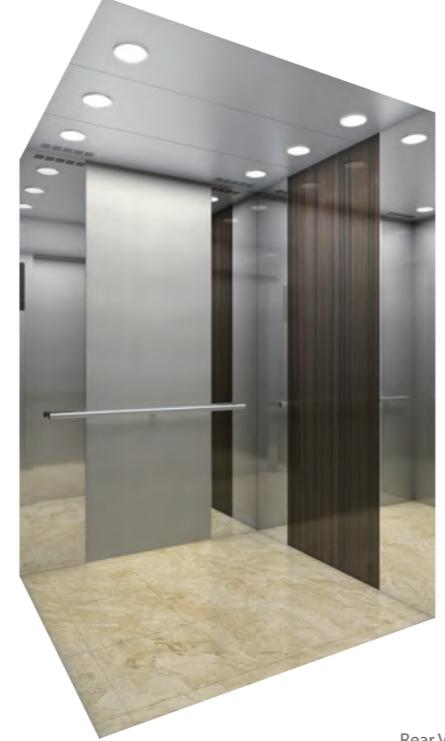
Special Finish

CG-4 Ebony
Color Metal

CG-5 Elegant White-cloth Color Metal

Specification

Ceiling	CS-L001 (Painted RAL120_3)
COP	COP07 (Hairline St.St)
CPI	TFT7
COP Button	BR015
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Mirror St.St · CG-4 Ebony Color Metal · Mirror St.St Rear Panel (from left to right) · Mirror St.St · CG-5 Elegant White-cloth Color Metal · Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900_B 1 Side
Flooring	DE103



Rear View

DESIGN

Cozy

2208



Front View

Special Finish

RAL120_MPL Warm
Grey Pearl Painted SteelCG-1 Burma Teak
Color Metal

Specification

Ceiling	CS-L001 (Painted RAL7038)
COP	COP07 (Hairline St.St)
CPI	LED5.5
COP Button	BR016
Car Wall Finish	Front Panel · Hairline St.St Side Panel (from front to rear) · Mirror St.St · RAL120_MPL Warm Grey Pearl Painted steel · Mirror St.St Rear Panel (from left to right) · Mirror St.St · CG-1 Burma Teak Color Metal · Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900_A 3 Side
Flooring	DE103



Rear View

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Car wall image can be different (changed) depending on capacity

The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Cozy

2209



Front View

Special Finish

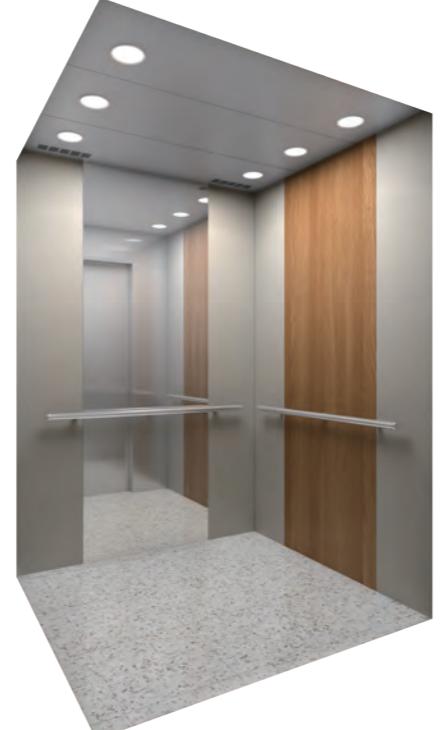


RAL120_MPL Warm
Grey Pearl Painted Steel

CG-1 Burma Teak
Color Metal

Specification

Ceiling	CS-L001 (Painted RAL7038)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • RAL120_MPL Warm Grey Pearl Painted steel • CG-1 Burma Teak Color Metal • RAL120_MPL Warm Grey Pearl Painted steel <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • RAL120_MPL Warm Grey Pearl Painted steel • RAL120_MPL Warm Grey Pearl Painted steel • RAL120_MPL Warm Grey Pearl Painted steel
Car Door Panel	Hairline St.St
Handrail	4900_A 3Side
Flooring	DE313



Rear View

DESIGN

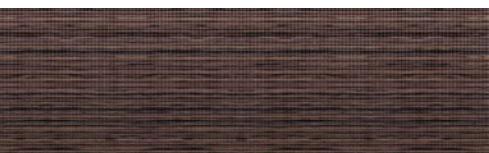
Prestige

2210



Front View

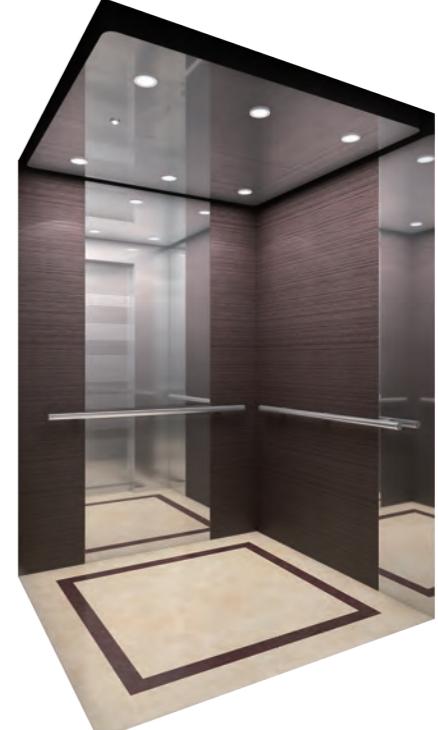
Special Finish



KB-19 Color Metal

Specification

Ceiling	4603L (Mirror St.St)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • Mirror St.St • KB-19 Color Metal • KB-19 Color Metal <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • KB-19 Color Metal • Mirror St.St • KB-19 Color Metal
Car Door Panel	EH3-034 Etched Hairline St.St
Handrail	4900_A 3Side
Flooring	DT03



Rear View

! The actual product can be different (changed) depending on design
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DESIGN

Prestige

2211



Front View

Special Finish

Champagne Gold
Hairline St.StChampagne Gold
Mirror St.St

Specification

Ceiling	4603L (Champagne gold Mirror St. St.)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> · Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> · Champagne Gold Hairline St.St · Champagne Gold Mirror St.St · Champagne Gold Hairline St.St <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> · Champagne Gold Hairline St.St · 2310 Champagne Gold Etched Mirror St.St · Champagne Gold Hairline St.St
Car Door Panel	Hairline St.St
Handrail	4900F 3 Side
Flooring	DT03



Rear View

DESIGN

Prestige

2212



Front View

Special Finish

CG-1 Burma Teak
Color Metal

Ti-Bronze Hairline St.St

Specification

Ceiling	CE_302 (Painted RAL7048PL)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> · Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> · CG-1 Burma Teak Color Metal <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> · Ti-Bronze Hairline St.St · 2311 Etched Mirror St.St. · Ti-Bronze Hairline St.St
Car Door Panel	Hairline St.St
Handrail	4900B_A 2 Side
Flooring	DT03



Rear View

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Car wall image can be different (changed) depending on capacity

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Car wall image can be different (changed) depending on capacity

DESIGN

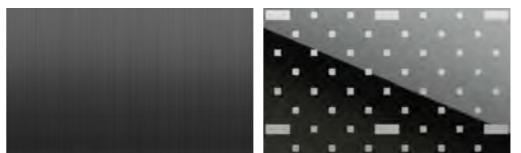
Pinnacle

2213



Front View

Special Finish

Ti-Black
Hairline St.StEW2-082 Ti-Black Etched
Mirror St.St

Specification

Ceiling	4604L (Painted RAL9005)
COP	COP07 (Hairline St. St)
CPI	TFT7
COP Button	BR016B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Ti-Black Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • Ti-Black Hairline St.St • EW2-082 Ti-Black Etched Mirror St.St • Ti-Black Hairline St.St <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • Ti-Black Hairline St.St • EW2-082 Ti-Black Etched Mirror St.St • Ti-Black Hairline St.St
Car Door Panel	EH1-082 Ti-Black Etched Mirror St.St
Handrail	4900R_C 3 Side
Flooring	DT01

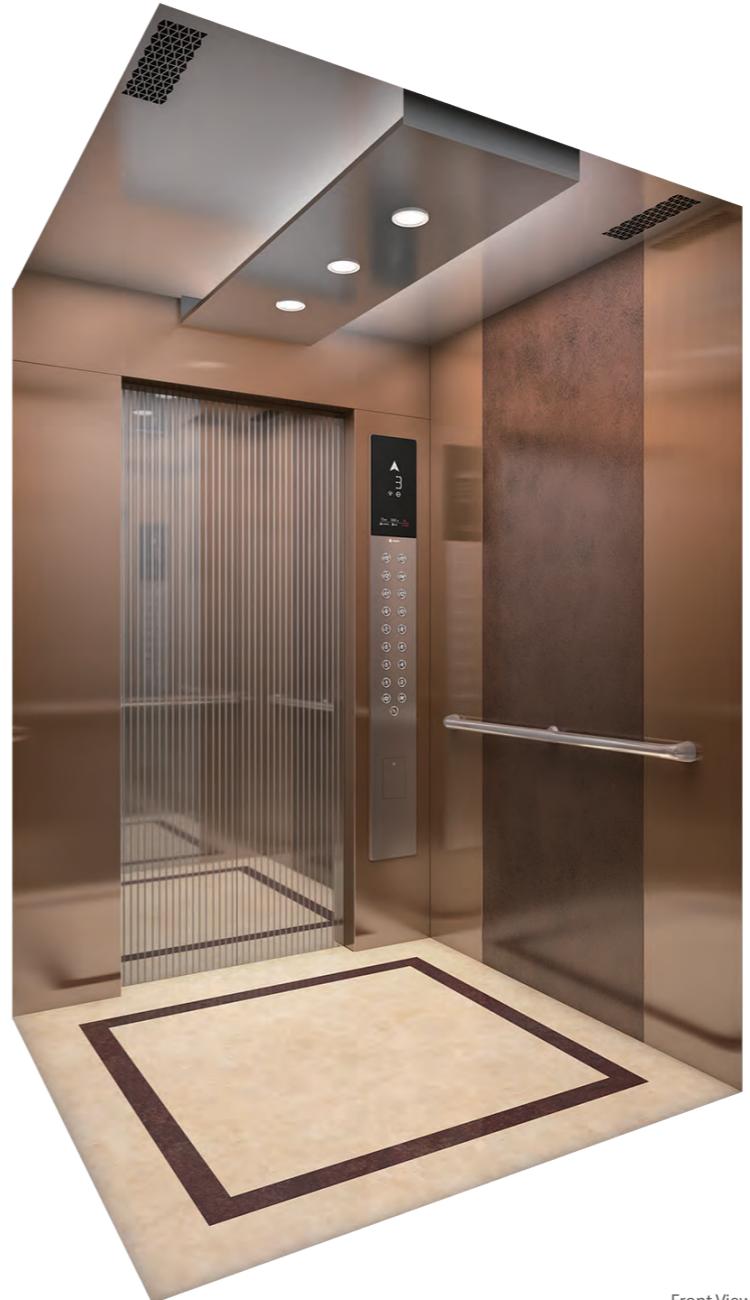


Rear View

DESIGN

Pinnacle

2214



Front View

Special Finish

Ti-Bronze
Hairline St.StCG-13 Cow Leather
Texture Color Metal

Specification

Ceiling	CE_302 (Mirror St.St)
COP	COP07 (Hairline St.St)
CPI	LED5.5
COP Button	BR016
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Ti-Bronze Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • Ti-Bronze Hairline St.St • CG-13 Cow Leather Texture Color Metal • Ti-Bronze Hairline St.St <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • Ti-Bronze Hairline St.St • EW2-059 Etched Mirror St.St • Ti-Bronze Hairline St.St
Car Door Panel	EH1-059 Etched Mirror St.St
Handrail	4900R_B 3Side
Flooring	DT03



Rear View

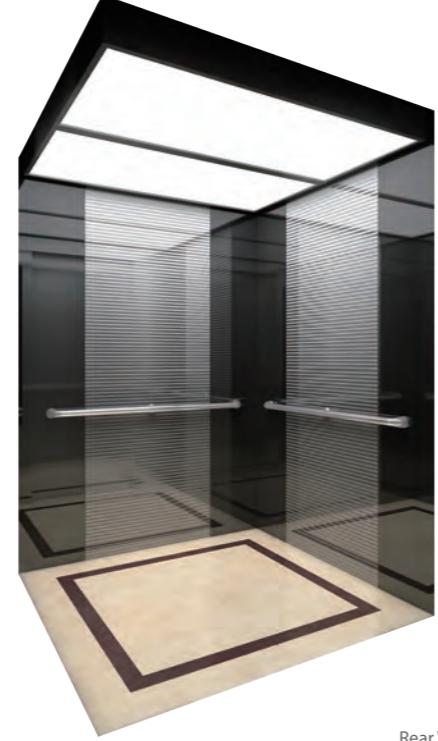
! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

DESIGN

Pinnacle 2215

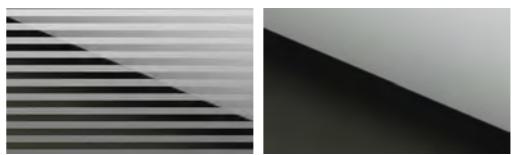


Front View



Rear View

Special Finish

SK-2 Etched
Mirror St.StTi-black
Mirror St.St

Specification

Ceiling	4604L (Painted RAL9005)
COP	COP07 (Hairline St. St)
CPI	TFT7
COP Button	BR016B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • Ti-black Mirror St.St • SK-2 Etched Mirror St.St • Ti-black Mirror St.St <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • Ti-black Mirror St.St • SK-2 Etched Mirror St.St • Ti-black Mirror St.St
Car Door Panel	Hairline St.St
Handrail	4900R_C 3 Side
Flooring	DT03

DESIGN

Pinnacle 2216

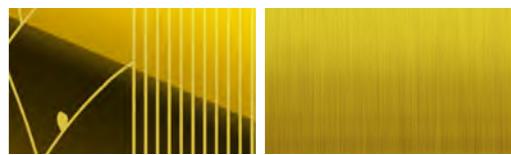


Front View



Rear View

Special Finish

EW2-085 Ti-Gold
Etched Mirror St.StTi-Gold
Hairline St.St

Specification

Ceiling	4603L (Champagne gold Mirror St. St.)
COP	COP09A (Hairline St.St)
CPI	LED5.5
COP Button	BR018B
Car Wall Finish	<p>Front Panel</p> <ul style="list-style-type: none"> • Ti-Gold Hairline St.St <p>Side Panel (from front to rear)</p> <ul style="list-style-type: none"> • Ti-Gold Hairline St.St • EW2-085 Ti-Gold Etched Mirror St.St • Ti-Gold Hairline St.St <p>Rear Panel (from left to right)</p> <ul style="list-style-type: none"> • Ti-Gold Hairline St.St • EW2-085 Ti-Gold Etched Mirror St.St • Ti-Gold Hairline St.St
Car Door Panel	EH1-085 Ti-Gold Etched Mirror St.St
Handrail	4900R_E 3 Side
Flooring	DT01

! The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

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Car wall image can be different (changed) depending on capacity

DESIGN

Pinnacle 2217



Front View



Rear View

Special Finish



RAL9005 Black Matt
Painted Steel



RAL9003HL
Coagulation White
Highlights Painted Steel

Specification

Ceiling 4607L (Painted RAL7048PL)

COP COP07 (Hairline St.St)

CPI TFT7

COP Button BR016B

Car Wall Finish Front Panel

· Hairline St.St

Side Panel (from front to rear)

· RAL9005 Black Matt Painted Steel

· Ti-black Mirror St.St

· Ti-black Mirror St.St

Rear Panel (from left to right)

· RAL9003HL Coagulation White
Highlights Painted Steel

Car Door Panel Hairline St.St

Handrail 4900_A 3Side

Flooring DE313

Entrance



Type J101 narrow jamb

Jamb Finish Hairline St.St

Door Finish Hairline St.St

Hall Fixtures HF09_LED

Button BR017



Type J201 wide straight jamb with accentric line

Jamb Finish Titanium Gold Mirror St.St

Door Finish Titanium Gold Etched Mirror St.St (EH2-034)

Hall Fixtures HF09_N

Hall Position Indicator LED5.4_01

Button BR018B



Type J301 semi-tapered jamb with accentric line

Jamb Finish Mirror Stainless Steel

Door Finish Etched Mirror St.St (EH1-059)

Hall Fixtures HF07_N

Hall Position Indicator HL_07

Button BR016B



Type J401 full tapered jamb with accentric line

Jamb Finish Hairline Stainless Steel

Door Finish Etched Hairline St.St (EH1-085)

Hall Fixtures HF07_N

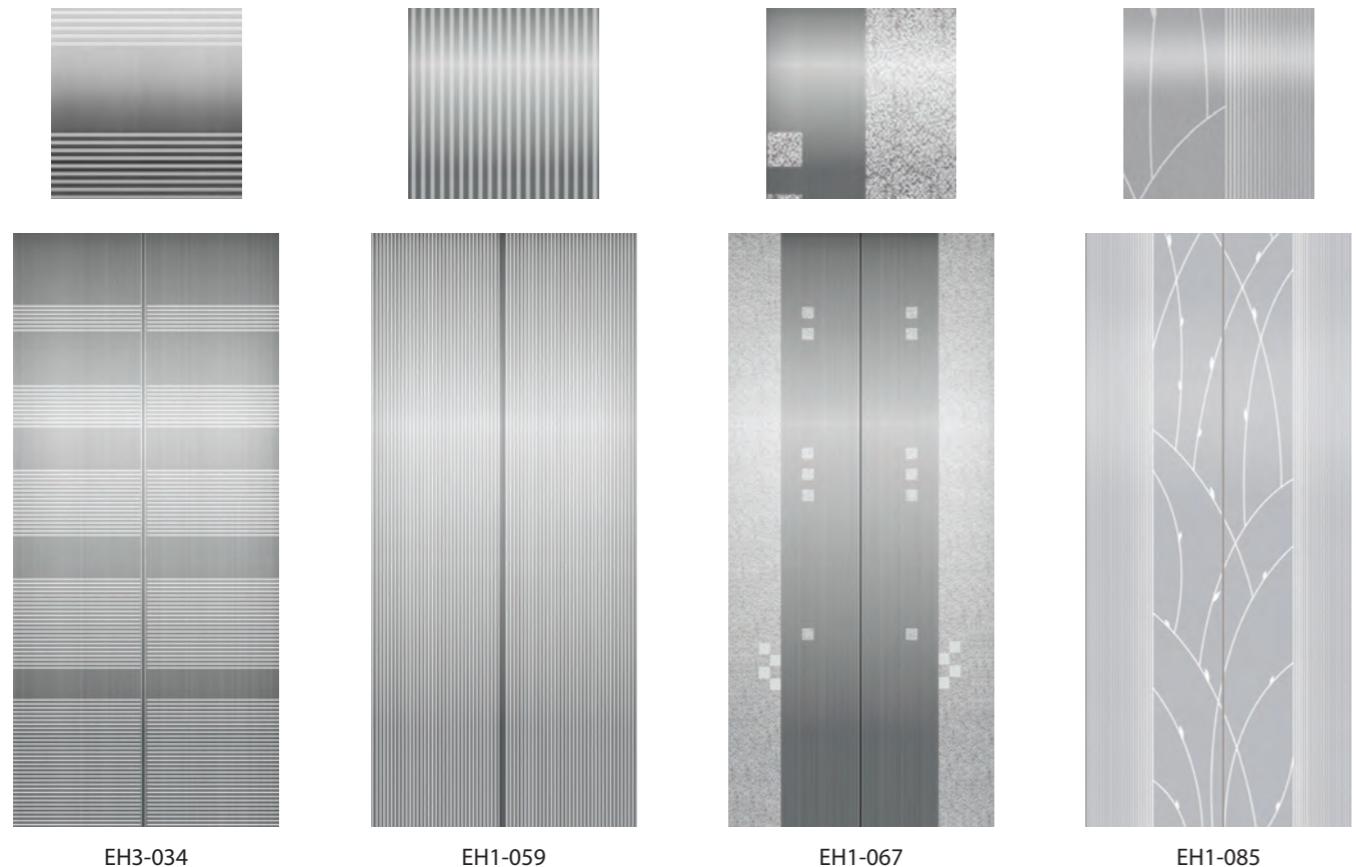
Hall Position Indicator LED5.4_01

Button BR015B

The actual product can be different (changed) depending on design
Car wall image can be different (changed) depending on capacity

The actual product can be different (changed) depending on design

Etching



Paint



Ceiling



Option



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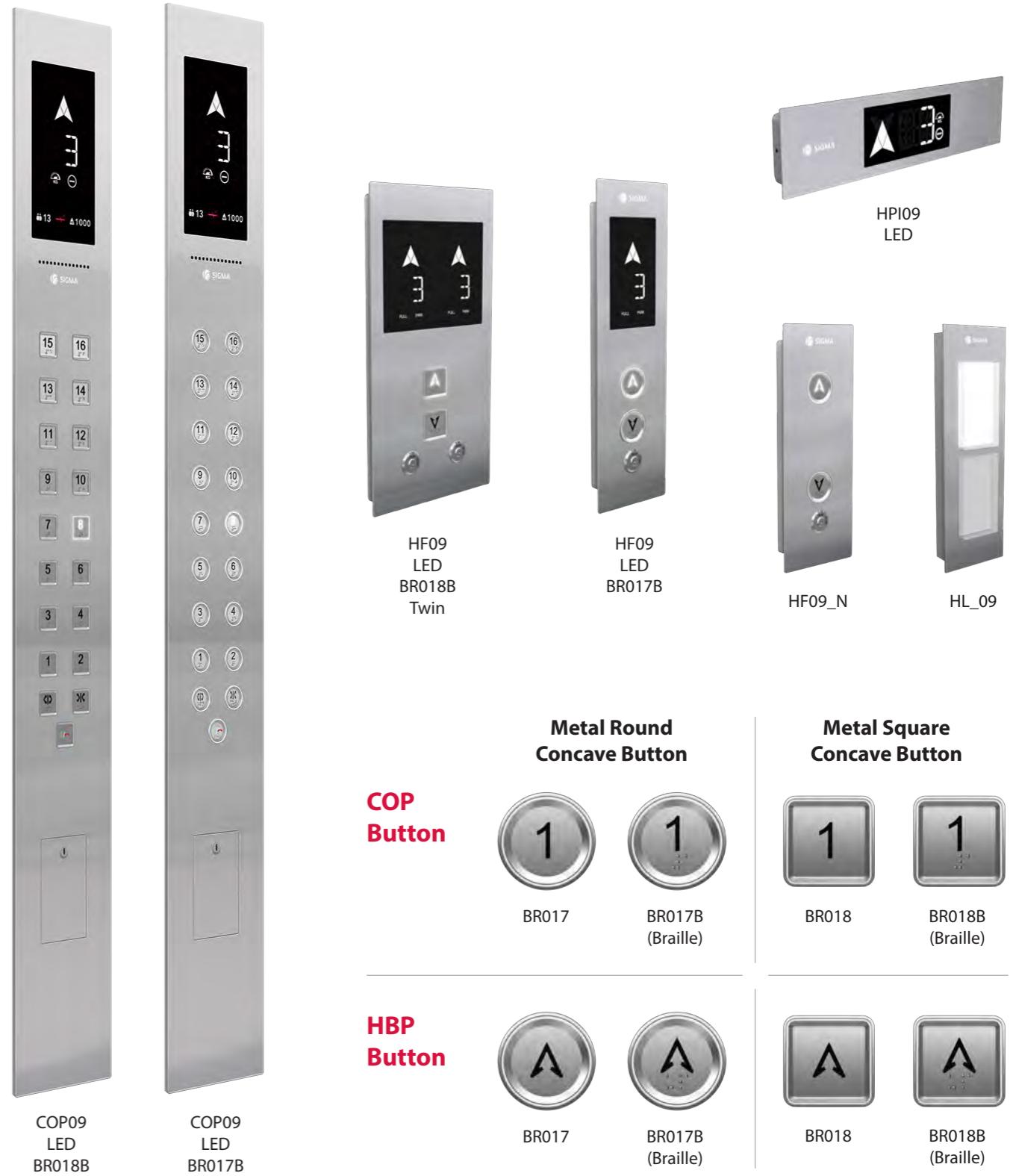
Handrails



Floorings(PVC)



FTYP09(Standard, LED Type)



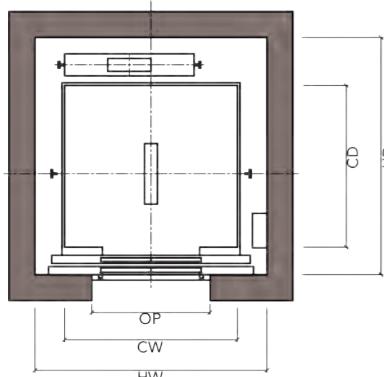
FTYP07(Option, LED & TFT Type)



Layout Drawing

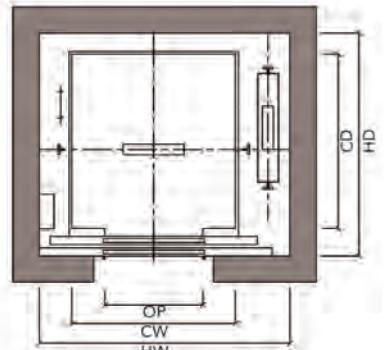
[Hoistway Plan]

Rear Counterweight]

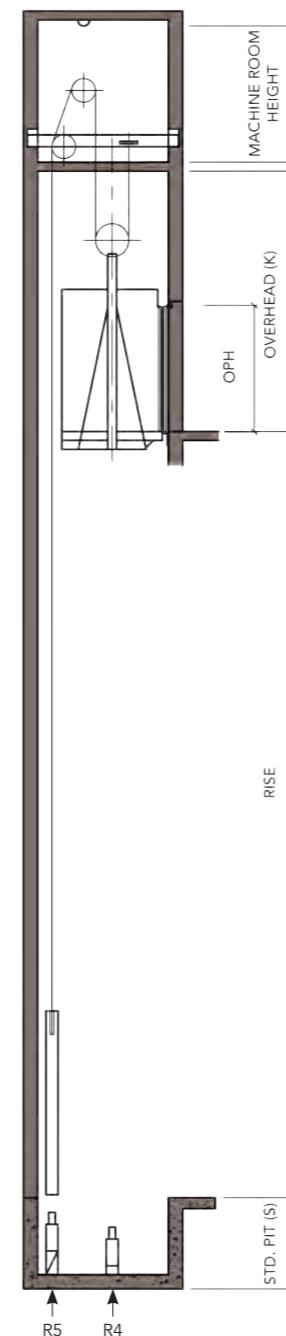


[Hoistway Plan]

Side Counterweight



[Hoistway Section]



Layout Dimension

(Unit : mm)

Speed (m/s)	Capacity		Opening Width (mm)	Opening Type	Car Size		Hoistway Size		Machine Room Size		Reation Load (N)					CWT Position
	Person	Load(kg)			CW	CD	HW	HD	MW	MD	R1	R2	R3	R4	R5	
1~1.75	7	550	800	CLD	1200	1100	1900	1750	1900	2450	28.5	15.4	NA	63.3	52.8	Back
	8	630	800		1300	1100	1900	1750	1900	2450	30.0	16.3	NA	68.0	55.8	
	9	680	800		1350	1150	1900	1800	1900	2500	31.6	17.2	NA	73.3	60.1	
	10	750	800		1400	1300	1900	1950	1900	2650	33.8	18.4	3.0	79.9	65.2	
	10	800	800		1400	1350	1900	2000	1900	2700	35.7	18.9	3.1	82.8	67.1	
	12	900	900		1500	1400	2000	2100	2000	2800	38.3	20.5	3.3	87.7	70.0	
	13	1000	900		1600	1450	2150	2200	2150	2900	39.1	21.4	3.4	93.0	72.2	
	14	1050	900		1600	1500	2150	2200	2150	2900	39.1	21.4	3.4	93.0	72.2	
	7	550	800		1200	1100	2050	1750	2750	1750	28.5	15.4	NA	63.3	52.8	Side
	8	630	800		1300	1100	2100	1750	2800	1750	30.0	16.3	NA	68.0	55.8	
	9	680	800		1350	1150	2200	1800	2900	1800	31.6	17.2	NA	73.3	60.1	
	10	750	800		1400	1350	2200	1900	2900	1900	33.8	18.4	3.0	79.9	65.2	
	10	800	800		1400	1350	2200	1900	2900	1900	35.7	18.9	3.1	82.8	67.1	
	12	900	900		1400	1350	2200	1900	2900	1900	37.6	19.4	3.2	85.7	70.0	
	13	1000	900		1400	1500	2200	1950	2900	1950	38.3	20.5	3.3	87.7	70.0	
	14	1050	900		1450	1600	2300	2050	3000	2050	39.1	21.4	3.4	93.0	72.2	
	10	800	800		1500	1600	2300	2050	3000	2050	39.1	21.4	3.4	93.0	72.2	
	12	900	900		1400	1350	1950	2000	1950	2700	20.5	40.5	20.0	87.5	72.1	
	13	1000	900		1500	1400	2000	2100	2000	2800	22.4	44.5	22.1	91.6	74.2	
	14	1050	900		1600	1450	2150	2200	2150	2900	51.3	27.1	5.9	107.3	86.8	
	10	800	800		1400	1350	2200	1900	2900	1900	42.9	22.6	4.9	87.5	72.1	
	12	900	900		1400	1500	2200	1950	2900	1950	46.0	24.3	5.3	91.6	74.2	
	13	1000	900		1450	1600	2300	2050	3000	2050	51.3	27.1	5.9	107.3	86.8	
	14	1050	900		1500	1600	2300	2050	3000	2050	51.3	27.1	5.9	107.3	86.8	

Overhead, Pit & Machine Room Height

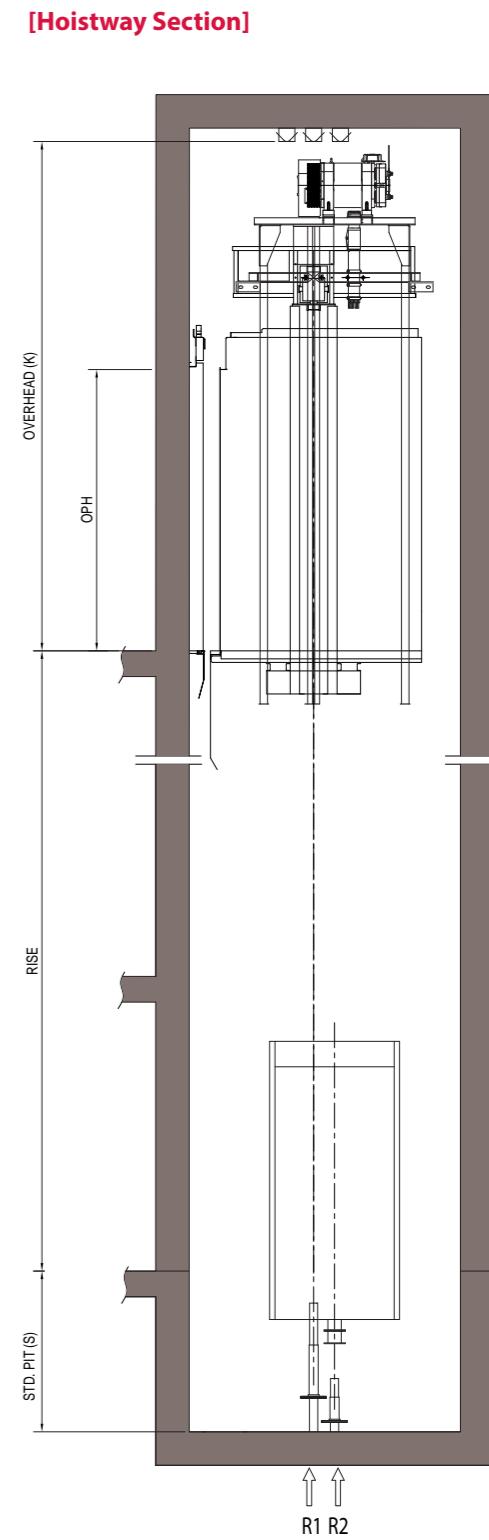
Speed(m/s)	Load(kg)	Overhead(mm)	Pit Depth(mm)	Machine Room Height(mm) CWT Back / Side
1.0	550~1050	4150	1350	2300 / 2500
1.5		4350	1400	
1.75		4450	1450	
2		4550	1600	
2.5	800~1050	4800	1850	2500 / 2700

Basd on: RECES=3;CH=2400;
When V<2m/s : CARRUNBY=200,CWTRUNBY=200;
When V>=2m/s : CARRUNBY=250,CWTRUNBY=250;

Power Supply Plan

Speed (m/s)	Capacity		Motor Capacity (kW)	Elevator Current (A)		Heat Dissipation (kcal/H)	
	Person	Load(kg)		Rated	Starting		
					(380V)		
1.0	7	550	6.1	11.7	18.8	743	
	8	630	6.7	12.7	20.1	798	
	9	680	7.1	13.4	21.8	849	
	10	750	7.5	14.3	22.6	909	
	10	800	7.9	15.0	23.4	953	
	12	900	8.6	16.3	26.0	1,027	
	13	1000	9.3	17.6	27.7	1,087	
	14	1050	9.7	18.3	28.6	1,147	
	7	550	7.9	13.5	21.0	846	
	8	630	8.9	16.9	29.2	999	
	9	680	9.4	17.9	30.8	1,055	
	10	750	10.1	19.2	32.8	1,130	
	10	800	10.6	20.2	34.0	1,181	
	12	900	11.6	22.1	36.8	1,283	
1.5	13	1000	12.7	24.1	38.5	1,394	
	14	1050	13.2	25.0	39.6	1,448	
	7	550	9.2	15.2	26.8	974	
	8	630	10.0	19.0	34.2	1,122	
	9	680	10.6	20.2	35.9	1,185	
	10	750	11.5	21.8	38.3	1,269	
	10	800	12.1	22.9	39.7	1,326	
	12	900	13.2	25.0	41.9	1,427	
	13	1000	14.4	27.3	44.2	1,563	
	14	1050	15.0	28.4	45.5	1,611	
	10	800	14.4	27.3	47.5	1,462	
	12	900	15.6	29.7	50.4	1,527	
	13	1000	17.0	32.4	55.0	1,700	
	14	1050	17.7	33.7	56.4	1,766	
2.0	10	800	17.0	32.2	58.5	1,646	
	12	900	18.6	35.4	64.2	1,739	
	13	1000	20.3	38.6	69.6	1,905	
	14	1050	21.2	40.2	71.5	1,978	

Layout Drawing



Layout Dimension

Speed (m/s)	Capacity		Opening Width (mm)	Opening Type	Car Size		Hoistway Size		Reaction Load (N)	
					CW		HD		R1	
	Person	Load(kg)								
1.0~1.75	8	630	800	CLD	1100	1400	1850	1775	71.3	58.5
	10	800	800		1350	1350	1950	1700	80.4	64.1
	12	900	800		1500	1400	2100	1775	87.4	69.1
	13	1000	900		1600	1450	2200	1800	94.1	72.7
	14	1050	900		1600	1450	2200	1800	94.1	72.7

Overhead, Pit

Speed(m/s)	Capacity (kg)	Overhead(mm)	Pit Depth (mm)
1.0	630~1050kg	4050	1250
1.5		4250	1300
1.75		4350	1400

Standard S & K is based below configue: RECES=3; CH=2400;

When V=1m/s : CARRUNBY=150,CWTRUNBY=150;

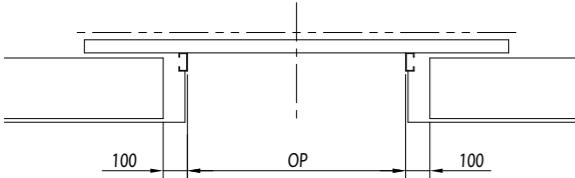
When 1m/s <V<=1.75m/s : CARRUNBY=200,CWTRUNBY=200

Power Supply Plan

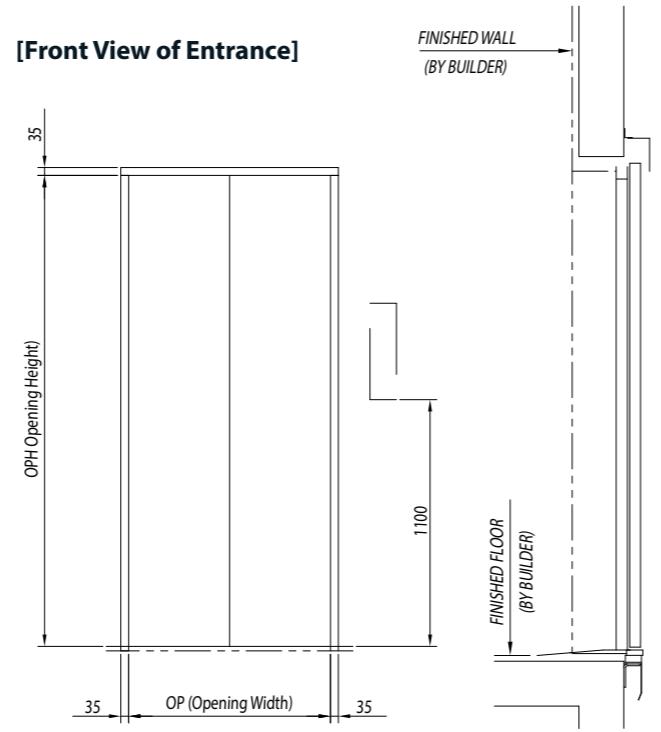
Speed (m/s)	Capacity		Motor Capacity (kW)	Elevator Current (A)		Heat Output (kcal/H)
	Person	Load(kg)		Rated	Starting	
1.0	8	630	3.6	11.5	17.7	779
	10	800	4.7	13.7	21.0	1,021
	12	900	5.0	14.7	22.0	1,027
	13	1000	5.6	16.0	23.7	1,144
	14	1050	5.9	16.6	24.5	1,202
1.5	8	630	5.4	14.9	24.4	950
	10	800	6.9	18.0	28.6	1,205
	12	900	7.6	19.5	30.8	1,220
	13	1000	8.5	21.3	33.1	1,358
	14	1050	8.9	22.3	34.3	1,426
1.75	8	630	6.3	16.7	27.9	1,109
	10	800	8.0	20.3	32.8	1,406
	12	900	8.9	22.2	35.2	1,423
	13	1000	9.9	24.3	38.0	1,584
	14	1050	10.4	25.3	39.4	1,664

Narrow Jamb

[Plan View of Entrance]

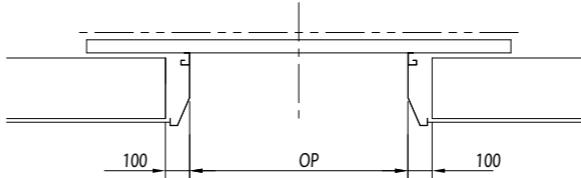


[Front View of Entrance]

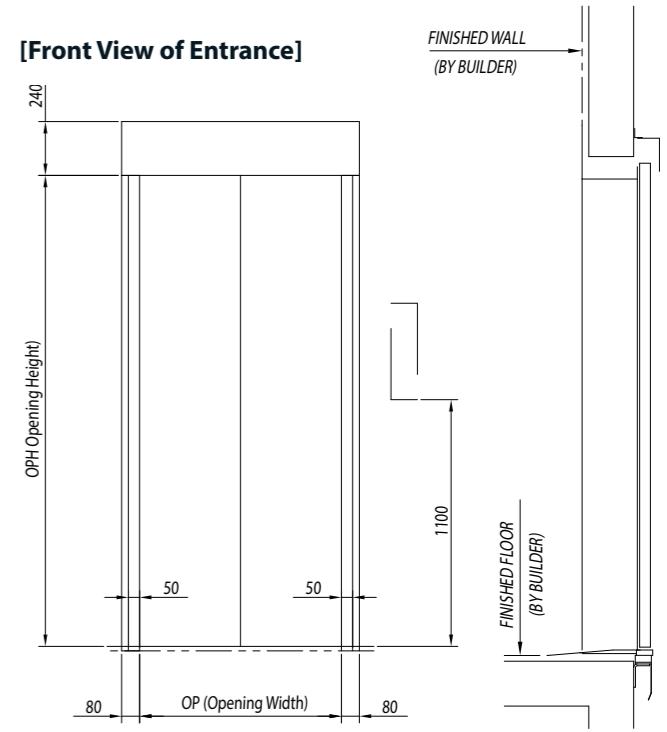


Wide Tapered Jamb with Transom panel

[Plan View of Entrance]

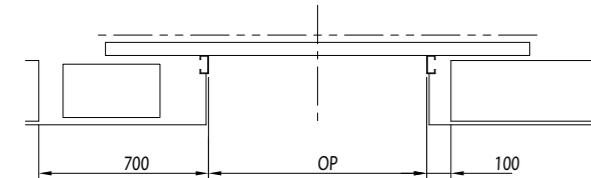


[Front View of Entrance]

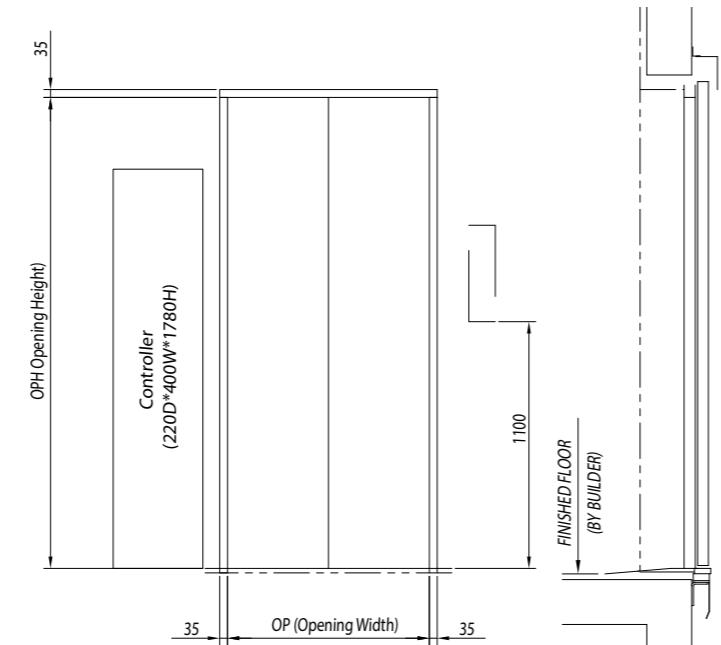


Narrow Jamb (SOLON 2.0 & Top Foor)

[Plan View of Entrance]



[Front View of Entrance]



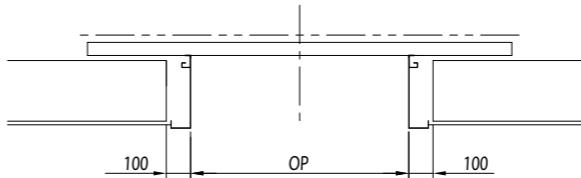
Note

1. Landing door facade dimension for each floor which wide jamb installed must be same value.

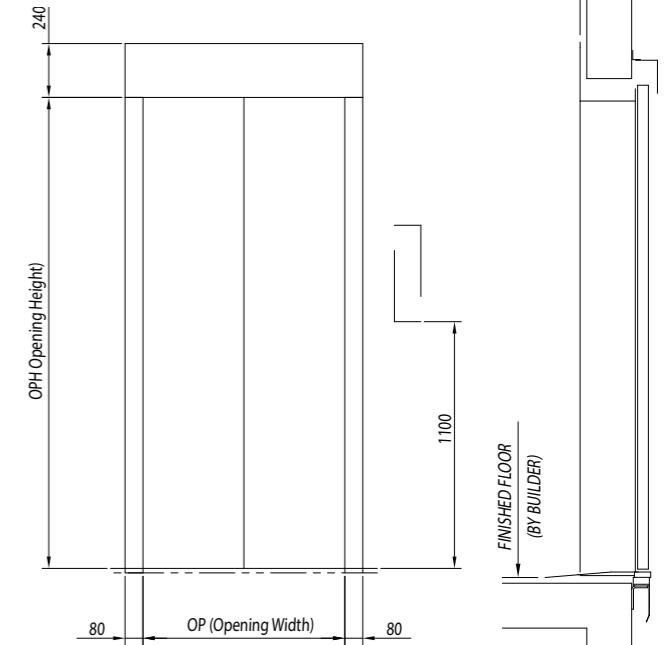
2. Wall thickness for wide jamb(including decoration) for each floor which wide jamb installed must be same value.

Wide Straight Jamb with Transom panel

[Plan View of Entrance]



[Front View of Entrance]



Note

1. Landing door facade dimension for each floor which wide jamb installed must be same value.

2. Wall thickness for wide jamb(including decoration) for each floor which wide jamb installed must be same value.

Operational Functions

Available Functions_ACRA 2.0

Standard								
ACP Anti Crime protection	ADO Advanced Door Open	ALAR Alarm bell	ALCOR Advanced Releveling	CCC Car call cancellation	CFT Cafeteria mode	EDP Electronic door protection	CSP Close Torque protection	
CUT CALL Block floor	DCBL/ DOBL Door close/ open button light	DCP Delayed car protection	DDT Independent car/landing door control	DLM Door lock shortcut measure	DOB/DCB Door open/ close button	DTC Door time protection -close	DTO Door time protection -open	
ELTU Emergency Light	EN-CCO Call opposition direction cancel	EN-HCC Hall call cancel	ERO Electrical recall operation	FCL Full collective operation	HDI/CDI Hall/Car direction indicator	HPI/CPI Hall/car position indicator	ICU3 Intercom unit	
LNS Load non stop	LOBBY Floor of lobby	LR Car light & ventilation	LWS Overload protection	NTSD Near terminal slow down	OHT Drive overheat protection	PKS Parking operation	RLEV Releveling	
RE-OP Hall door re-open	RIN Re-initialize	SE Start Equalize	SELF-BTI Self brake torque inspection	SLD Safety landing	TCI Top of car inspection	VSC Voice speech comfort	UCMP Uncontrolled car movement protection	

Available Functions_SOLO 2.0

Standard								
ACP Anti Crime protection	ADO Advanced Door Open	ALAR Alarm bell	ALCOR Advanced Releveling	CCC Cancel error calls	CFT Cafeteria mode	EDP Electronic door protection	CSP Close Torque protection	
CUT CALL Block floor	DCBL/ DOBL Door close/ open button light	DCP Delayed car protection	DDT Independent car/landing door control	DLM Door lock shortcut measure	DOB/DCB Door open/ close button	DTC Door time protection -close	DTO Door time protection -open	
ELTU Emergency Light	EN-CCO Call opposition direction cancel	EN-HCC Hall call cancel	ERO Electrical recall operation	FCL Full collective operation	HDI/CDI Hall/Car direction indicator	HPI/CPI Hall/car position indicator	ICU3 Intercom unit	
LNS Load non stop	LOBBY Floor of lobby	LR Car light & ventilation	LWS Overload protection	NTSD Near terminal slow down	OHT Drive overheat protection	PKS Parking operation	RLEV Releveling	
RE-OP Hall door re-open	RIN Re-initialize	SE Start Equalize	SELF-BTI Self brake torque inspection	SLD Safety landing	TCI Top of car inspection	VSC Voice speech comfort	UCMP Uncontrolled car movement protection	

Optional								
ANS Anti-Nuisance	ARO Automatic Rescue Operation	ATT Attendant service	ISC Independent service	DHB Door hold button	EFO Emergency fireman operation	EFS Emergency fireman service	Group Group Control	
BMS1 Building monitor port	BMS2 Building monitor RS485	SSML SSM language	CCMS Car chime sound	GSCS Safety shoe & Light screen	AMS Area Monitoring Screen	EPO Emergency Power Operation	NSB Nonstop button	
MIT Moderate incoming traffic	MOT Moderate out-going	MTR Monitoring room connected to the unit						

Optional								
ANS Anti-Nuisance	ARO Automatic Rescue Operation	ATT Attendant service	ISC Independent service	DHB Door hold button	EFO Emergency fireman operation	EFS2 Emergency fireman service (manual)	Group Group Control	
BMS1 Building monitor port	BMS2 Building monitor RS485	SSM Speech Synthesis Module	CCM Car arrival bell	GSCS Safety shoe & Light screen	AMS Area Monitoring Screen	EPO Emergency Power Operation	EQO Earthquake Operation	