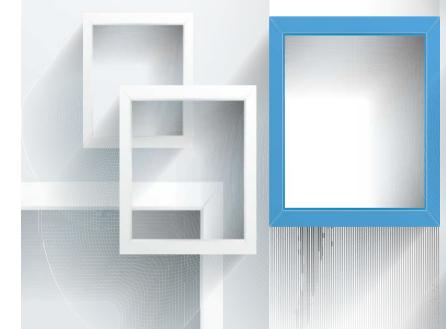




## **Home Elevators**

Luxury and convenience in your home



## MITSUBISHI ELECTRIC BUILDING SOLUTIONS CORPORATION HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

https://www.MEBS.com/

## CONTENTS Japan Quality (Advanced Design) Glass Car Design Deluxe Car Design -Standard Car Design — Large-Depth Car Design —— P17 Appearance -Specifications This image is for the illustrative purposes only

## Japan Quality

Our home elevators developed in Japan are designed to fit into your home and villas, to add value with a wide range of advanced design.

#### Space-Saving

Our Machine-Room-Less design offers minimal overhead, pit depth and shaft dimension.

#### Single-Phase Power Supply Design

Operating on Single-phase 210-240V which is commonly available in your home and villas.

#### Earthquake-Resistant Design

Our home elevators complying with The Building Standard Law of Japan conform to the strength section of Japan Earthquake-Resistant standard.

#### User-Friendly

Our home elevators are designed to ensure the safety and comfort for all people: Providing automatic doors and multi-beam door sensors as standard on all models helps older people and people with disabilities use our home elevator more safely and comfortably.

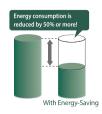
#### More Comfort Atmosphere

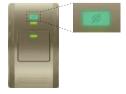
As our home elevators apply rope type, less odors and no worry for oil leakages which may happen with hydraulic lifts.

#### Energy-Saving (ECO-Friendly)

The car lighting and electric fan are automatically turned off and standby power is significantly reduced (ECO Mode)

In addition, LED lighting and high efficiently transformer are applied as standard.





During ECO Mode, ECO Mode Lamp on Hall Call Button lights up.



## Safety Features

Our home elevators are always provided with a wide range of safety features also found in commercial elevators.

#### Mitsubishi Emergency Landing Device Standard

Upon electric power supply failure, by using a rechargeable battery, a car automatically moves to the nearest lower floor (Standard) or bottom floor (Optional) and doors open for the safe evacuation of passengers.

#### Multi-Beam Door Sensor Standard

Multiple infrared light beams cover the door height range of 10mm to 1580mm from the floor level to detect passengers or objects. When any of the beams are blocked, the closing doors immediately reverse to re-open safely.

#### Overload Holding Stop Standard

When the car is overloaded, a buzzer sounds and the car does not leave that floor until enough passengers exit the car for the safety. After enough passengers exit the car, the buzzer stops and the car leaves that floor.

#### Next Landing Standard

If the elevator doors do not open fully at a destination floor, the doors close, and car automatically moves to the next or nearest floor where the doors open.

#### Safe Landing Standard

If a car has stopped between floors due to some equipment malfunction, the controller checks the cause, and if it is considered safe to move the car, the car will move to nearest floor at a low speed and the door will open.

#### Emergency Car Lighting Standard

Upon electric power supply failure, Emergency Car Lighting automatically turns on immediately and provides minimum level of lighting within a car by the rechargeable battery.

#### Emergency Bell Button Standard

A bell located on the top of the car sounds while the button on Car Operating Panel is being pressed. This button alerts persons inside the house.

#### Modular Jack (for Landline Phone) Standard

Modular Jack is provided in the car for easy installation of a landline

phone (provided by customers) that enables passengers to notify or communicate directly with outside.



- \*It is highly recommended to provide the landline phone in the car to call for help in case of emergency.
- \*Instead of providing the landline phone, a mobile phone can be kept in the car all the time because USB Power Supply enables the mobile phone to be charged.
- \*Make sure that outside call over the landline phone or mobile phone is working in advance.







## Comfort features

Our home elevators offer a wide range of comfort features for your home and villas.

#### Extending Door Opening Time Standard

Door opening time can be extended by 3 minutes by pressing Door Open Button on Car Operating Panel or Hall Call Button while the doors are open.

#### USB Power Supply (Type-A/DC5V 2.4A) Standard

USB charging port can be used for various purposes (such as fan, aroma diffuser and air cleaners provided by Customers)



#### Management Key Switch Standard

Management Key Switch installed at bottom floor deactivates the elevator.

For example, owner can take the elevator out of service manually with this switch before leaving the house to prevent children from playing with the elevator.



One Additional Management Key Switch Optional

One Additional Management Key Switch can be applied at any floor other than bottom floor. For example, if Management Key Switch is applied at ground floor (main entrance) and basement floor (garage), owner can more conveniently switch to disable/able the elevator.

#### Bleep Button Optional

Electric tone sounds to recognize that Hall Call Button or button on Car Operating Panel is pressed.

#### Electric Fan Optional

Electric Fan on the car ceiling blows the air to keep inside of the car clean.

#### Car Arrival Chime Optional

Electric chime sounds to announce car arriving before landing on the floor.

#### Car Indicator Optional

Car Indicator displays information on the car position and operating status clearly.



#### Hall Position Indicator Optional

Users can easily know the car position and travel direction by clear and big indicator.



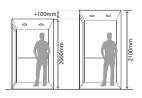
#### 100mm Higher Car Ceiling Height and Entrance Height

Car ceiling height and entrance height can be higher by 100mm to feel comfortable atmosphere.

SHA240G: Standard

\*Standard: Car ceiling height: 2100mm Entrance height: 2000mm thers: Optional

\*Standard: Car ceiling height: 2000mm Entrance height: 1900mm Optional: Car ceiling height: 2100mm Entrance height: 2000mm



Specifications are subject to change without notice. Actual color may differ slightly from those shown.

## Lineup

		Glass Car Design	Deluxe C	ar Design	Standard (	Standard Car Design			
		SHA240G	SVC260D SVC200D		SHA300S	SVC280S SVC200S		SVC260SL	
Rate	d Capacity	iii 240kg / 3 Persons	260kg / 4 Persons	200kg / 3 Persons	300kg / 4 Persons	280kg / 4 Persons	200kg / 3 Persons	260kg / 4 Persons	
Do	oor Type	2-Panel Center Opening	4-Panel Cen	ter Opening	2-Panel Center Opening	4-Panel Cen	ter Opening	4-Panel Center Opening	
	Car								
Rate	ed Speed	Up 20m/min, E	own 30m/mi	n	Up 20m/min, Down 30m/min				
Ma	ax. Stops	Ē	5		5				
Max.	Max. 1-Gate 13n		m		13m		Bm		
Travel	2-Gate	-	-	10m	-		10m	-	
C	Car Size	(W)950mm x (D)1150mm x (H)2100mm	(W)950mm x (D)1150mm x (H)2000mm*1		(W)950mm x (D)1150mm x (H)2000mm*1			(W)880mm x (D)1300mm x (H)2000mm*1	
Door C	pening Size	(W)800mm x (H)2000mm	(W)800mm x (H)1900mm*2		(W)800mm x (H)1900mm*2			(W)800mm x (H)1900mm*2	

<sup>\*1</sup> Optional: (H)2100mm \*2 Optional: (H)2000mm

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## Glass Car Design (Only for Indoor)

Access Here for Design Simulator
Design Simulator enables to visualize the car and entrance design.

#### **Car Design**





Ceiling LED Down Light Type: SUS-HL
Side Walls,
Front Return &
Transom Panel — SUS-HL
Car Doors SUS-HL
Windows Large Transparent Glass(Optional)
Floor F-33(Optional)
Handrail 3 side Handrails(Stainless Steel)
Telephone Provided by Customers



#### **Basic Specifications**

•						
		SHA240G				
Rated Capacity		3 Persons / 240kg				
Rated Speed		Up 20m/min, Down 30m/min				
Max. Stops		5				
Max, Travel	1-Gate	13m				
IVIAX. ITAVEI	2-Gate	-				
Driving System		Basement Drum Type				
Control System		VVVF Inverter Drive				
Power Supply		Single-Phase 210V-220V-230V-240V 2-Wired				
Door Type		2-Panel Center Opening				
Starting Frequenc	у	150 times/day				

#### Entrance Design

(Optional)



#### **Entrance Doors / Entrance Door Frame**

3 side Handrails Stainless Steel

Front Return Pane

Transom Panel
Stainless Steel Plate Hairline

**Car Doors** 

Stainless Steel Plate Hairline

Stainless Steel Plate Hairline



## Ceiling Type LED Down Light Type (CE-VCB-C30) Stainless Steel Plate Hairline



(Electric Fan: Optional)

Diffuser

Stainless Steel Plate Hairline

#### Floor



Bianco White (F-31)



Nero Black (F-32)



Tutto White (F-33)



Casual Oak (F-7)

#### [Vinyl Floor Tile]

Ajax Soft (F-24) Optio

Ajax Soft (F-24)



Calacatta Gold (F-25) Optional

Natural Cherry (F-16) Standard

Dark Brown Oak (F-17) Standard

[Carpet]

Light Brown (F-11

Light Brown (F-11

Gray (F-12)

\*The pattern is different individually due to the natural stone.

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## Deluxe Car Design

Access Here for Design Simulator Design Simulator enables to visualize the car and entrance design.



#### **Car Design**





Floor	F-31 (Optional)
Handrail (Optional)	Black Wood
Telephone	Provided by Custome

#### **Basic Specifications**

Ceiling

		SVC260D	SVC200D			
Rated Capacity		4 Persons / 260kg	3 Persons / 200kg			
Rated Speed		Up 20m/min, Down 30m/min				
Max. Stops		5				
Max. Travel	1-Gate	13m				
IVIAX. ITAVEI	2-Gate	-	10m			
Driving System		Basement Drum Type				
Control System		VVVF Inverter Drive				
Power Supply		Single-Phase 210V-220V-230V-240V 2-Wired				
Door Type		4-Panel Center Opening				
Starting Frequenc	v	150 times/day				

- LED Full Ceiling Light Type

#### SVC260D **SVC260D** 4 Persons / 260kg



#### Car Design Example

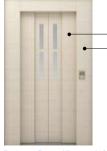


Ceiling	LED Full Ceiling Light Type
Stainless Mirror	MR-VCB-NN0-SN
Rear Wall	MS138
Side Walls	MS138
Bottom Wall of Car Operating Panel	MS138
Floor	F-31 (Optional)
Handrail (Optional)	Black Wood
Telephone	Provided by Customers
	Car Operating Panel Floor Handrail



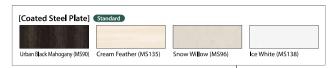
	Ceiling	LED Down LigI Type: MS96
	Stainless Mirror	MR-VCB-NN0-9 (Optional)
	Rear Wall	MS96
	Side Walls	·MS90
ı	Bottom Wall of Car Operating	
и	Panel	
	Floor	F-32 (Optional)
ı	Handrail (Optional)	· Black Wood
	Telephone	Provided by Customers

#### **Entrance Design**



Entrance Doors / Frame—MS135 Windows --- Double Slit Transparent Glass (Optional)

#### Ceiling / Rear Wall / Side Walls / Bottom Wall of Car Operating Panel / Front Return & Transom Panel



#### **Stainless Mirror**



#### Car Doors / Entrance Doors / Entrance Door Frame



#### Ceiling Type



LED Full Ceiling Light Type (CE-VCB-D30)



LED Down Light Type(CE-VCB-C30)



LED Square Cover Light Type(CE-VCB-E30)

#### Floor



Bianco White (F-31)



Nero Black (F-32)

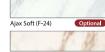


Tutto White (F-33)



Casual Oak (F-7)

#### [Vinyl Floor Tile]















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## Standard Car Design

Access Here for Design Simulator Design Simulator enables to visualize the car and entrance design.



#### **Car Design**





#### Ceiling LED Down Light Type: MS96 Side Walls, Front Return & -MS96 **Transom Panel Car Doors** Windows Large Transparent Glass (Optional) -F-31 (Optional) Handrail (Optional) --- Black Wood Telephone -Provided by Customers

#### Car Design Example



Cei <b>l</b> ing ———	LED Down Light Type: SUS-HL (Optional)
Rear Wall	MR-VCB-NN0-SN (Optional)
Side Walls	SUS-HL (Optional
Floor	F-12
Handrai <b>l</b> (Optiona <b>l</b> )	Stainless Steel
Telephone	Provided by Customers



Ceiling	LED Rectangle Cover Light Type: MS135
Rear Wall	MS135
Side Walls	MS135
Floor	F-17
Handrail (Optional)	– Black Wood
Mirror (Optional)	Aluminium Frame
Telephone	Provided by Customers

#### **Basic Specifications**

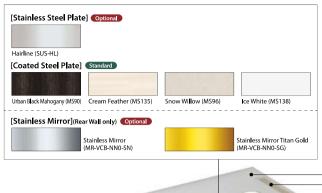
busic specifications					
		SHA300S			
Rated Capacity		4 Persons / 300kg			
Rated Speed		Up 20m/min, Down 30m/min			
Max. Stops		5			
Max, Travel	1-Gate	13m			
IVIAX. ITAVEI	2-Gate	-			
Driving System		Basement Drum Type			
Control System		VVVF Inverter Drive			
Power Supply		Single-Phase 210V•220V•230V•240V 2-Wired			
Door Type		2-Panel Center Opening			
Starting Frequen	CV	150 times/day			

#### **Entrance Design**



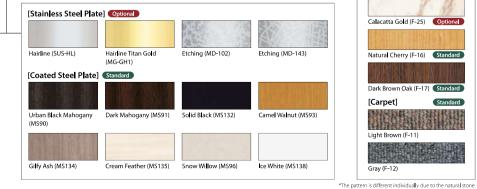
Windows — Large Transparent Glass

#### Ceiling / Rear Wall / Side Walls, Front Return & Transom Panel





#### Car Doors / Entrance Doors / Entrance Door Frame



#### **Ceiling Type**



(CE-VCB-C30)



LED Rectangle Cover Light Type (CE-VCB-A30)

- Diffuser (Electric Fan: Optional)

#### Floor



Bianco White (F-31)



Nero Black (F-32)



Tutto White (F-33)



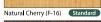
Casual Oak (F-7)

#### [Vinyl Floor Tile]



















Gray (F-12)

Specifications are subject to change without notice.

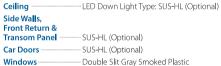
## Standard Car Design

Access Here for Design Simulator
Design Simulator enables to visualize
the car and entrance design.



#### Car Design





Floor — F-32 (Optional)
Handrail (Optional) — Stainless Steel
Telephone — Provided by Customers

#### Basic Specifications

		SVC280S	SVC200S			
Rated Capacity		4 Persons / 280kg	3 Persons / 200kg			
Rated Speed		Up 20m/min, Down 30m/min				
Max. Stops		5				
Max. Travel	1-Gate	13m				
IVIAX. ITAVEI	2-Gate	-	10m			
Driving System		Basement Drum Type				
Control System		VVVF Inverter Drive				
Power Supply		Single-Phase 210V•220V•230V•240V 2-Wired				
Door Type		4-Panel Center Opening				
Starting Frequenc	у	150 times/day				

#### **SVC280S** 4 Persons / 280kg



#### **Car Design Example**





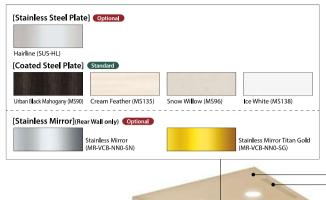
LED Rectangle Cover Ceiling Light Type: MS138 Rear Wall MR-VCB-NN0-SG (Optional) MS90 Side Walls Floor F-31 (Optional) Handrail Black Wood (Optional) Telephone - Provided by Customers

#### **Entrance Design**



(Optional)

#### Ceiling / Rear Wall / Side Walls, Front Return & Transom Panel





#### Car Doors / Entrance Doors / Entrance Door Frame



#### Ceiling Type



LED Down Light Typ (CE-VCB-C30)



LED Rectangle Cover Light Type (CE-VCB-A30)

Diffuser (Electric Fan: Optional)

#### Floor



Bianco White (F-31)



Nero Black (F-32)



Tutto White (F-33)



Casual Oak (F-7)

#### [Vinyl Floor Tile]



\*The pattern is different individually due to the natural stone. Not applicable to 2-Gate Model.

## Large-Depth Car Design

Access Here for Design Simulator Design Simulator enables to visualize the car and entrance design.









#### **Car Design Example**



Ceiling LED Down Light Type: MS90 Rear Wall MS90 Side Walls MS90 Floor F-7 (Optional) Handrail Beige Wood (Optional) Mirror --- Wooden Frame (Optional) Telephone Provided by Customers



Ceiling — LED Rectangle Cover
Light Type: MS135

Rear Wall — MR-VCB-NNO-SN
(Optional)

Side Walls — MS135

Floor — F-11

Handrail — Stainless Steel
(Optional)

Telephone — Provided by
Customers

# Ceiling — LED Rectangle Cover Light Type: MS138 Side Walls, Front Return & Transom Panel — MS138 Car Doors — MS138 Windows — Double Slit Gray Smoked Plastic Floor — F-12 Handrail (Optional) — Black Wood

-Provided by Customers

Large-Depth Type

Telephone -

Rated Capacity

Rated Speed Max. Stops

Max. Travel

Driving System

Control System

Power Supply

Starting Frequency

Door Type

**Basic Specifications** 

#### Entrance Design

# ### SVC260SL 4 Persons / 260kg Up 20m/min, Down 30m/min 5 1-Gate 13m 2-Gate Basement Drum Type WVF Inverter Drive Single-Phase 210V-220V-230V-240V 2-Wired 4-Panel Center Opening

150 times/day



Windows --- Triple Slit Transparent Glass

(Optional)



\* Natural Marble is not applicable to SVC260SL.

Specifications are subject to change without notice.

Actual color may differ slightly from those shown.

### **Appearances**

#### **Car and Entrance Door Windows**

#### 2-Panel Center Opening Door (SHA240G/SHA300S)

[Window Type]

Large Transparent Glass Optional





#### 4-Panel Center Opening Door (SVC260D/SVC200D/SVC280S/SVC200S/SVC260SL)

[Window Shape]

Triple Slit\* Optional







 $\hbox{$^*$When 100mm Higher Car Ceiling Height \& Entrance Height is applied, Triple Slit is applied as standard.}$ 

[Window Material]

Transparent Glass Optional





#### Handrails Optional



Beige Wood (HR-RJ0-S30W)



Black Wood (HR-RJ0-S30B)



Stainless Steel (HR-EB0-S30S)

#### Mirrors Optional



Car Wall Protect Plate Optional

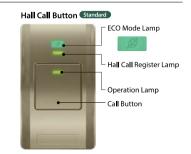


#### Signalization





<sup>\*</sup>This lamp lights up only when Earthquake Emergency Return with P-Wave Sensor (Optional) is applied.

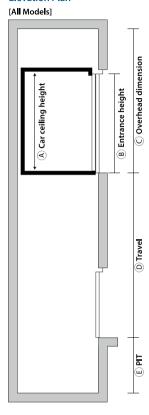


## Plan View

#### **Shaft Plan**

#### SHA240G/SHA300S SVC260SL 1-Gate Model Only 1-Gate Model Only Shaft depth : min. 1350mm Shaft depth : min. 1500m Car width: Car width : 880mm 950mm Entrance width: 800mm Entrance width: 800mm Shaft width: min. 1750mm Shaft width : min. 1350mm SVC260D/SVC200D SVC200D/ SVC200S SVC280S/SVC200S 1-Gate Model 2-Gate Model Car width : 950mm 950mm Entrance width: 800mm Shaft width : min. 1350mm

#### **Elevation Plan**



								(mm)	
ltem		G <b>l</b> ass Car Design	Deluxe Car Design			Large-Depth Car Design			
		SHA240G	SVC260D	SVC200D	SHA300S SVC280S SVC200S			SVC260SL	
A Car ceiling height		2100	2000/2100(*¹)						
B Entrance height		2000	1900/2000(*1)						
C Min. Overl	nead dimension	2500	2450/2550(*') 2400/2500(*')						
D Max.			13000						
Travel	2Gate Model	ū	- 10000		-	=	10000	-	
E Min.	1Gate Model			560/6	510(*2)				
	2Gate Model	8	- 760/800(*²)		-	-	760/800(*2)	-	

<sup>\*1</sup> When 100mm Higher Car Ceiling Height & Entrance Height(Optional) is applied

## **Specifications**

		Glass Car Design		luxe Design	Standard Car Design			Large-Dep Car Design
		SHA240G	SVC260D	SVC200D	SHA300S	SVC280S	SVC200S	SVC2605
	Multi-Beam Door Sensor	•	•	•	•	•	•	•
	Door Load Detector (DLD)	•	•	•	•	•	•	•
	Safe Landing (SFL)	•	•	•	•	•	•	•
	Next Landing (NXL)	•	•	•	•	•	•	•
	Overload Holding Stop (OLH)	•	•	•	•	•	•	•
Safety Feature	Mitsubishi Emergency Landing Device (MELD) Landing on Nearest Lower Floor	•	•	•	•	•	•	•
	Mitsubishi Emergency Landing Device (MELD) Landing on Bottom Floor	0	0	0	0	0	0	0
	Emergency Car Lighting	•	•	•	•	•	•	•
	Emergency Bell Button	•	•	•	•	•	•	•
	Unintended Car Movement Protection System	•	•	•	•	•	•	•
Energy-Saving	ECO Mode	•	•	•	•	•	•	•
	Handrail (Wood / Stainless Steel)	●*4	0	0	0	0	0	0
	Mirror (Wooden / Aluminium Frame)	-	-	-	0	0	0	0
	Electric Fan	0	•	•	0	0	0	0
	Car Wall Protect Plate	0	-	-	0	0	0	0
	Stainless Steel Plate (Ceiling / Wall / Front Return & Transom Panel)	•	-	-	0	0	0	0
Car Design	Stainless Steel Plate (Car Doors)	•	0	0	0	0	0	0
	Stainless Mirror (at Whole Rear Wall)	-	-	-	0	0	0	0
	Stainless Mirror Titan Gold (at Whole Rear Wall)	-	-	-	0	0	0	0
	Stainless Mirror (at Center Panel of Rear Wall & at Panel above Car Operating Panel)	-	•	•	-	-	-	-
	Stainless Mirror Titan Bronze (at Center Panel of Rear Wall & at Panel above Car Operating Panel)	-	0	0	-	-	-	-
	Carpet (F-11, F-12)	•	-	-	•	•	•	•
	Carpet (F-21, F-22)	-	•	•	-	-	-	-
Floor	Vinyl Floor Tile (F-16, F-17)	•	•	•	•	•	•	•
	Vinyl Floor Tile (F-24, F-25) / Wood	0	0	0	0	0	0	0
	Natural Marble (F-31, F-32, F-33) *1	0	0	0	0	0	0	-
C	2-Gate Model (Only one side opening at each floor)	-	-	0	-	-	0	-
Comiori	100mm Higher Car Ceiling Height and Entrance Height	•	0	0	0	0	0	0
	No Window	•	•	•	•	•	•	•
	Large Transparent Glass Windows	0	-	-	0	-	-	-
Car & Entrance	Double Slit Plastic Windows	-	•	•	-	•	•	•
Comfort  Ear & Entrance  Door Windows	Double Slit Transparent Glass Windows	-	0	0	-	0	0	0
	Triple Slit Plastic Windows*2	-	0	0	-	0	0	0
ar Design  oor  mergy-Saving  oor  omfort  ar & Entrance oor Windows	Triple Slit Transparent Glass Windows	-	0	0	-	0	0	0
Entrance Design	Stainless Steel Plate	0	0	0	0	0	0	0
	Message Lamp (on Car Operating Panel)	•	•	•	•	•	•	•
	Modular Jack / USB Power Supply	•	•	•	•	•	•	•
	Extending Door Opening Time (3 Minutes)	•	•	•	•	•	•	•
	Management Key Switch (Bottom Floor)	•	•	•	•	•	•	•
	One Additional Management Key Switch	0	0	0	0	0	0	0
	Double Isolation Unit for Absorbing Vibration and Sound*3	0	Ō	Ō	Ō	Ō	Ō	0
Function	Earthquake Emergency Return (EER) with P-Wave Sensor	0	0	O*5	0	0	O*5	Ö
	Fire Emergency Return (FER)	0	0	0	Ö	Ö	Ō	Ō
	Flood Emergency Return	Ö	Ö	Ö	Ö	Ŏ	Ö	Õ
	Car Indicator	Ö	Ö	0"5	Ö	Õ	0"5	Ŏ
	Hall Position Indicator	Ö	Õ	Õ	Ö	0	0	Õ
	Car Arrival Chime	0	0	0	0	Ö	0	0

<sup>\*1</sup> Not applicable to 2-Gate Model.

<sup>\*2</sup> When Double Isolation Unit for Absorbing Vibration and Sound(Optional) is applied

<sup>\*\*</sup>Companiesses vizice industrial season and Entrance Height (Optional) is applied, Triple Slit Plastic Windows are applied as standard.

\*3 Shall be applied for Maisonette residence. Not applicable when travel is over 10m.

\*4 Side handask Stafriels Stelle is Standard.

<sup>\*5</sup> Required by Building Standard Law of Japan when travel is over 7m.

NOTE1 No fuse breaker for home elevator shall be inverter compatible model supplied by others.