

MITSUBISHI ELECTRIC BUILDING SOLUTIONS CORPORATION

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CONTENTS Japan Quality (Advanced Design) Comfort -Glass Car Design Deluxe Car Design -Standard Car Design – - P13 Large-Depth Car Design —— P17 Appearance -- P21 - P22 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.

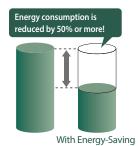
More Comfort Atmosphere

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.





Saving During I

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

*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.

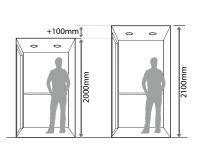
100mm Higher Car Ceiling Height and Entrance Height

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

Entrance height: 1900mm Optional: Car ceiling height: 2100mm Entrance height: 2000mm



Actual color may differ slightly from those shown.

Lineup

	Glass Car Design	Deluxe Car Design		Standard (Large-Depth Car Design			
	SHA240G	SVC260D	SVC200D	SHA300S	SVC280S	SVC200S	SVC260SL	
Rated Capacity	240kg / 3 Persons	260kg / 4 Persons	200kg / 3 Persons	300kg / 4 Persons	280kg / 4 Persons	200kg / 3 Persons	260kg / 4 Persons	
Door Type	2-Panel Center Opening	4-Panel Cen	ter Opening	2-Panel Center Opening 4-Panel Center Opening			4-Panel Center Opening	
Car								
Rated Speed	Up 20m/min, [Down 30m/mi	n	Up 20m/min, Down 30m/min				
Max. Stops		5		5				
Max.	13	Bm						
Travel 2-Gate	-	- 10m		-		10m	-	
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 Opening Size	(W)800mm x (H)2000mm	(W)800mm x (H)1900mm*2		(W)800mm x (H)1900mm*2			(W)800mm x (H)1900mm*2	

^{*1} Optional: (H)2100mm *2 Optional: (H)2000mm

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Glass Car Design (For Indoor / Outdoor Enclosed)

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

Car Design





-- LED Down Light Type: SUS-HL

Side Walls, Front Return &

Transom Panel --- SUS-HL

Car Doors SUS-HL

Windows Large Transparent Glass(Optional)

F-33(Optional)

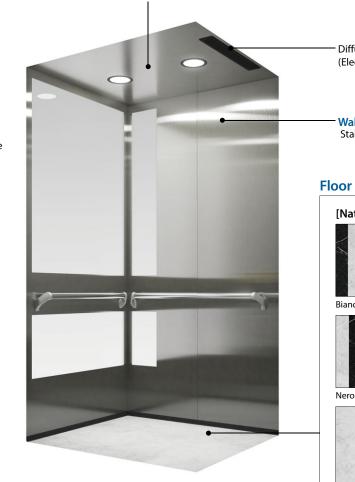
- 3 side Handrails(Stainless Steel) Handrail -

Telephone — Provided by Customers



Ceiling Type

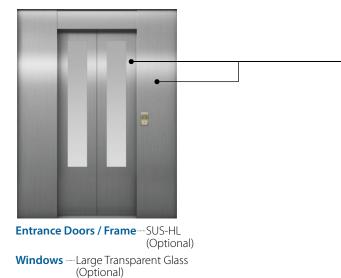
LED Down Light Type (CE-VCB-C30) Stainless Steel Plate Hairline



Basic Specifications

		SHA240G			
Rated Capacity		3 Persons / 240kg			
Rated Speed		Up 20m/min, Down 30m/min			
Max. Stops		5			
Max. Travel	1-Gate	13m			
Max. Havei	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 Frequence	Ty	150 times/day			

Entrance Design



Entrance Doors / Entrance Door Frame

3 side Handrails Stainless Steel



^{*}The pattern is different individually due to the natural stone.

Diffuser

Walls

(Electric Fan: Optional)

Stainless Steel Plate Hairline

[Natural Marble*] Optional

Bianco White (F-31)

Nero Black (F-32)

Tutto White (F-33)

Casual Oak (F-7) [Vinyl Floor Tile]

Ajax Soft (F-24)

[Carpet]

Gray (F-12)

Calacatta Gold (F-25) Optio

Natural Cherry (F-16) Standard

Dark Brown Oak (F-17) Standard

[Wood]

Deluxe Car Design

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



Car Design



Ceiling	- LED Full Ceiling Light Type
Stainless Mirror	MR-VCB-NN0-ST (Optional)
Side Walls	MS96
Bottom Wall of Car Operating Panel	MS90
Front Return & Transom Panel	MS96
Car Doors	MS96
Windows	Double Slit Gray Smoked Plastic
Floor	F-31 (Optional)
Handrail (Optional)	Black Wood

Basic Specifications

Telephone

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

Provided by Customers

SVC260D SVC26UD 4 Persons / 260kg



Car Design Example





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

Entrance Design



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









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)



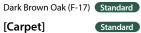
Casual Oak (F-7)

















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 &

Transom Panel -MS96

Car Doors

Large Transparent Glass (Optional) Windows-

-F-31 (Optional)

Handrail (Optional) --- Black Wood

Telephone - Provided by Customers

Basic Specifications

		SHA300S		
Rated Capacity		4 Persons / 300kg		
Rated Speed		Up 20m/min, Down 30m/min		
Max. Stops 5		5		
Max. Travel	1-Gate	13m		
iviax. Havei	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		

SHA300S 4 Persons / 300kg

Car Design Example



Ceiling LED Down Light Type: SUS-HL (Optional) Rear Wall MR-VCB-NN0-SN (Optional) Side Walls SUS-HL (Optional) Floor ·F-12 Handrail Stainless Steel (Optional) Telephone Provided by Customers



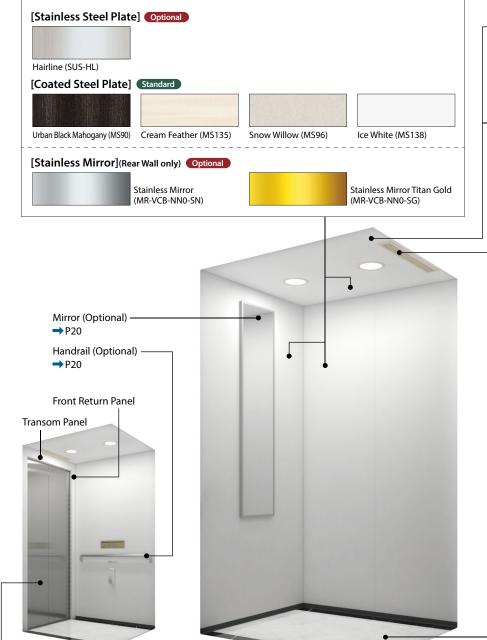
LED Rectangle Cover Ceiling Light Type: MS135 Rear Wall -- MS135 Side Walls MS135 -- F-17 Handrail Black Wood (Optional) Mirror · Aluminium Frame (Optional) Telephone Provided by Customers

Entrance Design



(Optional) **Windows** — Large Transparent Glass (Optional)

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



Car Doors / Entrance Doors / Entrance Door Frame



Ceiling Type



LED Down Light 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)



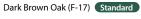
Casual Oak (F-7)





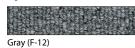














Specifications are subject to change without notice. Actual color may differ slightly from those shown.

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: SUS-HL (Optional)

4 Persons / 280kg

Up 20m/min, Down 30m/min

Basement Drum Type

VVVF Inverter Drive Single-Phase 210V•220V•230V•240V 2-Wired

4-Panel Center Opening

150 times/day

Side Walls, Front Return &

Transom Panel SUS-HL (Optional) SUS-HL (Optional) **Car Doors**

- Double Slit Gray Smoked Plastic Windows

-F-32 (Optional) Handrail (Optional) — Stainless Steel

Basic Specifications

Rated Capacity

Rated Speed

Max. Stops

Max. Travel

Driving System

Control System

Starting Frequency

Power Supply

Door Type

Provided by Customers **Telephone**

1-Gate

2-Gate

SVC280S SVC280S 4 Persons / 280kg



Car Design Example



LED Down Light Type: MS96 Rear Wall MS96 Side Walls MS96 F-24 (Optional) Handrail Stainless Steel (Optional) Mirror -Aluminium Frame (Optional) Telephone Provided by Customers



SVC200S

3 Persons / 200kg

10m

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

Entrance Design



Entrance Doors / Frame --- MS134 **Windows** — Double Slit Transparent Glass (Optional)

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





Car Doors / Entrance Doors / Entrance Door Frame

Hairline Titan Gold

Dark Mahogany (MS91)

Cream Feather (MS135)

Etching (MD-102)

Solid Black (MS132)

Snow Willow (MS96)

Camel Walnut (MS93)

Ice White (MS138)

[Stainless Steel Plate] Optional

[Coated Steel Plate] Standard

Hairline (SUS-HL)

Urban Black Mahogany

Gilfy Ash (MS134)

Ceiling Type



LED Down Light Type (CE-VCB-C30)



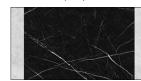
LED Rectangle Cover Light Type (CE-VCB-A30)

-Diffuser (Electric Fan: Optional)

Floor



Bianco White (F-31)



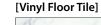
Nero Black (F-32)



Tutto White (F-33)



Casual Oak (F-7)















Large-Depth Car Design

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









Car Design Example



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



Ceiling LED Rectangle Cover Light Type: MS135

Rear Wall MR-VCB-NN0-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 **Telephone**—Provided by Customers

Large-Depth Type

Basic Specifications

		SVC260SL			
Rated Capacity		4 Persons / 260kg			
Rated Speed		Up 20m/min, Down 30m/min			
Max. Stops		5			
Max. Travel	1-Gate	13m -			
Max. Havei	2-Gate				
Driving System Basement Drum Ty		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 Frequency		150 times/day			

Entrance Design



(Optional)

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



Car Doors / Entrance Doors / Entrance Door Frame



Ceiling Type



LED Down Light Type (CE-VCB-C30)



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

(Electric Fan: Optional)

→ P20

Car Wall Protect Plate (Optional)

Floor

[Wood]



 * 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]







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

[Window Material]

Transparent Glass Optional





Handrails Optional



Beige Wood (HR-RJ0-S30W)



Black Wood (HR-RJ0-S30B)



Stainless Steel (HR-EB0-S30S)

Mirrors Optional

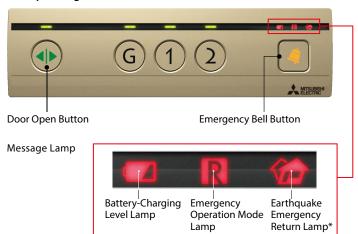


Car Wall Protect Plate Optional



Signalization





^{*}This lamp lights up only when Earthquake Emergency Return with P-Wave Sensor (Optional) is applied.







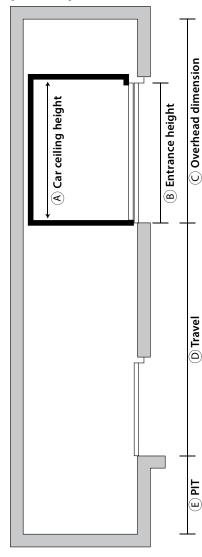
Plan View

Shaft Plan

SHA240G/SHA300S SVC260SL 1-Gate Model Only 1-Gate Model Only Shaft depth : min. 1350m Car width: Car width: 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 Entrance width: 800mm Entrance width: 800mm Shaft width : min. 1350mm Shaft width : min. 1350mm

Elevation Plan

[All Models]



								(mm
ltem		Glass Car Design	Deluxe Car Design		Standard Car Design			Large-Depth Car Design
		SHA240G	SVC260D	SVC200D	SHA300S	SVC280S	SVC200S	SVC260SL
A Car ceiling	g height	2100		2000/2100(*1)				
B Entrance	height	2000	1900/2000(*1)					
© Min. Over	head dimension	2500	2450/2550(*') 2400/2500(*')					
D Max.	1Gate Model			13000				
Travel	2Gate Model	-	- 10000		-	-	10000	-
E Min.	1Gate Model			560/6	510(*2)			
PIT	2Gate Model	-	-	760/800(*2)	-	-	760/800(*2)	-

^{*1} When 100mm Higher Car Ceiling Height & Entrance Height(Optional) is applied

Specifications

Item		Glass Deluxe Car Design Car Design			●Standard ○Optional Standard Car Design			- Not applicable Large-Depth Car Design	
		SHA240G	SVC260D	SVC200D	SHA300S	SVC280S	SVC200S	SVC260SL	
	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 (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	-	
Carafaut	2-Gate Model (Only one side opening at each floor)	-	-	0	-	-	0	-	
Comfort	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	-	•	•	-		•	•	
Door Windows	Double Slit Transparent Glass Windows	-	0	0	-	0	0	0	
	Triple Slit Plastic Windows*2	-	0	0	-	0	0	0	
	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	0	0	0	0	0	0	
Function	Earthquake Emergency Return (EER) with P-Wave Sensor	0	0	O*5	0	0	O*5	0	
	Fire Emergency Return (FER)	0	0	0	0	0	0	0	
	Flood Emergency Return	0	0	0	0	0	0	0	
	Car Indicator	0	0	○*5	0	0	O*5	0	
	Hall Position Indicator	0	0	0	0	0	0	0	
	Car Arrival Chime	0	0	0	0	0	0	0	
	Bleep Button	0	0	0	0	0	0	0	

^{*1} Not applicable to 2-Gate Model.



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^{*2} When Double Isolation Unit for Absorbing Vibration and Sound(Optional) is applied

^{*2} When 100mm Higher Car Ceiling Height 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 3} side handrails (Stainless Steel) is Standard

^{*5} 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.

NOTE2 Applicable standard: Building Standard Law of Japan for SVC200D, SVC200S Manufacturer's Standard for SHA240G, SVC260D, SHA300S, SVC280S, SVC260SL