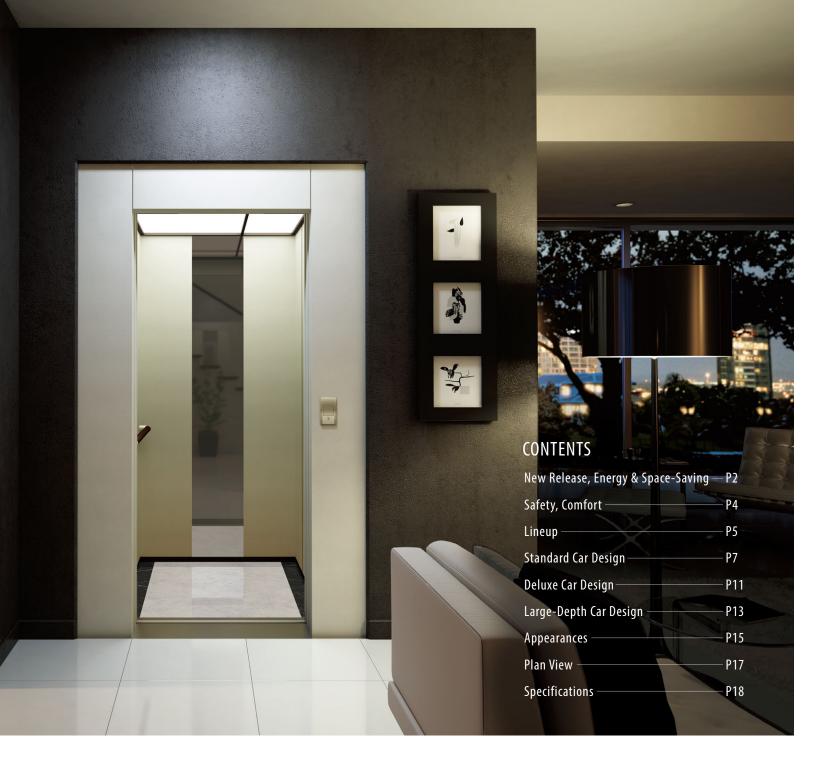
# HITACHI Inspire the Next **Home Elevators** Luxury and convenience in your home

# Hitachi, Ltd.Building Systems Business Unit

WATERRAS Tower, 2-101, Kanda Awajicho, Chiyoda-ku, Tokyo, 101-8941 Japan https://www.hitachi.com/businesses/elevator/index.html

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		 The informati	ion in this catalogue is subject	to change without notice.

A18H-2302-A<IP> Published: February 2023



# With Japan Quality, Making Your Life Further Comfortable

Our home elevator, developed in Japan with the thorough pursuit of greater safety and durability, empowers everyone in your family to move around the home with freedom and peace of mind.



# New Release

# **New Models**

Capacity: 300kg with 2-Panel Center Opening Door

SHA300S 4 Persons / 300kg



# **New Features**



For making car more luxury, natural marble is applicable to floor as optional feature.





Bianco White (F-31)

Nero Black (F-32

# NEW Hall Position Indicator Optional

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





Various USB devices such as fan, air cleaner, aroma diffuser, etc. are available in the car. (USB devices are provided by customers.)



<sup>\*</sup>A mobile phone can be provided in the car as external communication device and charged by this USB power supply instead of providing the landline phone.

# **Energy & Space-Saving**

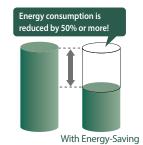
# **ECO-Friendly Driving System**

As rope type is applied to our elevator, there is no need to bring much oil to your house compared to hydraulic type. (No oil leaks and odors)

# **Energy-Saving**

When the elevator is not used for certain period, the car lighting and electric fan are automatically turned off and standby power is significantly reduced. (ECO Mode)

In addition, our elevator has LED lighting and high-efficiency transformer as standard.



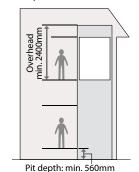


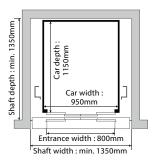
During ECO Mode, ECO Mode Lamp on Hall Call Button lights up.

# **Space-Saving**

As our elevator adopts "Machine-Room-Less" concept, required overhead dimension, pit depth and shaft size are designed minimally. By this minimum space design, architects and interior designers can more freely design the building.

### [Example of SVC280S]





\*For the required shaft dimensions of each model, please refer to P17.



# Safety

# 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.



# Car Emergency Lighting Standard

Upon electric power supply failure, Car Emergency 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 this button on Car Operating Panel is being pressed. This button alerts persons inside the house.



# Fire Emergency Operation Optional

Upon activation of fire alarm in the house, the car will stop at the evacuation floor and park there with the doors temporarily open for the safe evacuation of passengers.

# Overload Detection System 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.

### Automatic Rescue Device for Power Failure 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.

# 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

\*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.

# **Earthquake Emergency Operation** with P-Wave Sensor Optional

Upon activation of primary wave seismic sensor, car will stop at the nearest floor and park there with the doors temporarily open for the safe evacuation of passengers.

# Comfort

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

Various USB devices such as fan, air cleaner, aroma diffuser, etc. are available in the car. (USB devices are provided by customers.)



# Management Key Switch Standard

Management Key Switch 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.

## Car Arrival Chime Optional

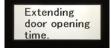
Electric chime sounds to announce car arriving before landing on the floor.

## 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.

### 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.



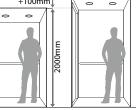
# Electric Fan Optional

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

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

Car ceiling height and entrance height can be higher by 100mm\* to feel comfortable atmosphere. \*Standard: Car ceiling height: 2000mm Entrance height: 1900mm





Actual color may differ slightly from those shown.



# Lineup

		Standard (	Car Design		Deluxe Car Design		Large-Depth Car Design
		SHA300S	SVC280S	SVC200S	SVC260D	SVC200D	SVC260SL
	Car						
Rated	Capacity	4 Persons / 300kg	4 Persons / 280kg	3 Persons / 200kg	4 Persons / 260kg	3 Persons / 200kg	4 Persons / 260kg
Rate	d Speed	Up 20m/min, D	own 30m/mir	า	Up 20m/min, Down 30m/min		Up 20m/min, Down 30m/min
Max	x. Stops		5		5	5	5
Max.	1-Gate	13	m		13	m	13m
Travel	2-Gate	-	-	10m	-	10m	-
Car Size		(W)950mm x (D)115	0mm x (H)200	0mm*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)1900mm*2		(W)800mm x (H)1900mm*2 (V		(W)800mm x (H)1900mm*2
Door Type		2-Panel Center Opening	4-Panel Cen	ter Opening	4-Panel Cen	ter Opening	4-Panel Center Opening

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

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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, -MS96

Front Return & **Transom Panel** 

**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	
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 Frequency		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



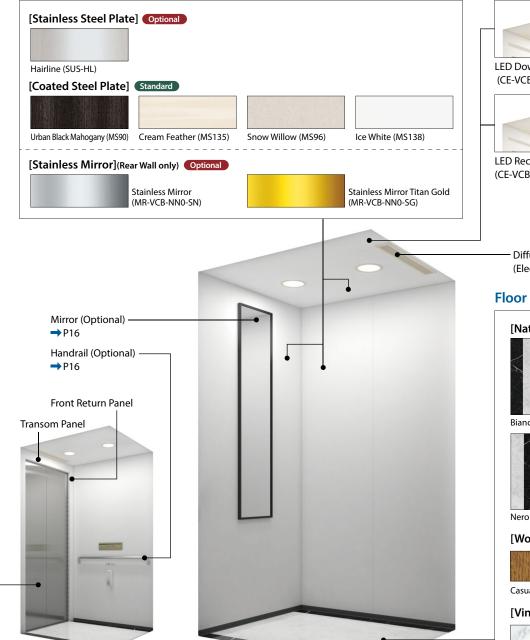
LED Rectangle Cover Ceiling Light Type: MS135 Rear Wall -- MS135 Side Walls MS135 ·· F-17 Handrail Black Wood (Optional) Mirror · Aluminium Frame (Optional) Telephone Provided by Customers

## **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**



(CE-VCB-C30)



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

Diffuser (Electric Fan: Optional)



Bianco White (F-31)



[Wood]	Optional
<b>建筑沙田居民</b>	WHI BELLEVILLE

Casual Oak (F-7)

# [Vinyl Floor Tile]















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

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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: SUS-HL (Optional) Side Walls, SUS-HL (Optional)

Front Return &

**Transom Panel** 

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

Double Slit Gray Smoked Plastic Windows -

-F-32 (Optional)

Handrail (Optional) — Stainless Steel

Provided by Customers Telephone

# **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. Havei	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 Frequency		150 times/day		

# SVC280S **SVC2805** 4 Persons / 280kg

SVC200S **SVC200S** 3 Persons / 200kg

# **Car Design Example**



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



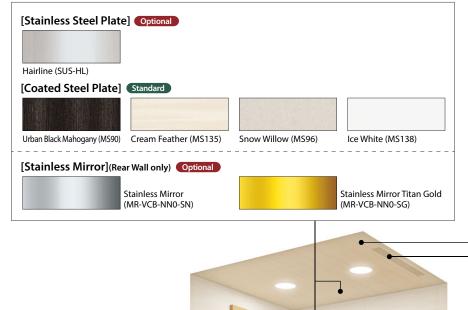
Ceiling LED Rectangle Cover Light Type: MS138 Rear Wall MR-VCB-NN0-SG (Optional) MS90 Side Walls F-31 (Optional) Handrail Black Wood (Optional) Telephone -Provided by Customers

### **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)

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)



[Wood]	
<b>建筑建筑和</b> 书户	COLUMN TO A SECOND

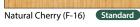
Casual Oak (F-7)

# [Vinyl Floor Tile]







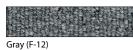












\*The pattern is different individually due to the natural stone. Not applicable to 2-Gate Model.

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# Deluxe Car Design

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



# **Car Design**



Stainless Mirror	MR-VCB-NN0-ST (Optional)
Side Walls	MS96
Bottom Wall of Car Operating Panel	MSOO
Front Return & Transom Panel	
Car Doors	MS96
MAP I	D 11 (1): C C 1 1D1

Double Slit Gray Smoked Plastic F-31 (Optional) Floor Handrail (Optional) - Black Wood

Telephone Provided by Customers

### **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	
	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 Frequency		150 times/day	

LED Full Ceiling Light Type

# SVC260D SVC260D 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





Handrail (Optional)

Transom Panel

Front Return Panel

→P16



### **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**



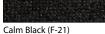


[Wood]	Optional
	Mellell

Casual Oak (F-7)

# [Vinyl Floor Tile]









# Large-Depth Car Design

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



**Car Design** 



# **Car Design Example**



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



Ceiling LED Rectangle Cover Light Type: MS135 Rear Wall MR-VCB-NN0-SN (Optional) Side Walls ---MS135 · F-11 Handrail Stainless Steel (Optional) Telephone Provided by Customers

Ceiling	LED Rectangle Cover Light Type: MS138
Side Walls,	MS138
Front Return &	
Transom Panel	
Car Doors	MS138
Windows	——Double Slit Gray Smoked Plastic

**Floor** — F-12

Large-Depth Type

Handrail (Optional) — Black Wood **Telephone** Provided by Customers

# **Basic Specifications**

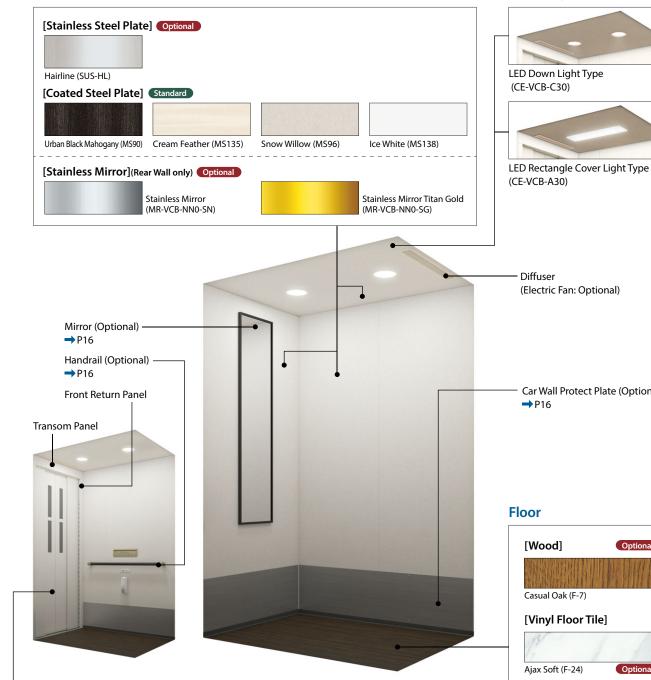
		SVC260SL	
Rated Capacity		4 Persons / 260kg	
Rated Speed		Up 20m/min, Down 30m/min	
Max. Stops		5	
Max. Travel	1-Gate	13m	
Max. Havei	2-Gate	-	
Driving System		Basement Drum Type	
Control System		VVVF Inverter Drive	
Power Supply		Single-Phase 210V•220V•230V•240V 2-Wired	
Door Type		4-Panel Center Opening	
Starting Frequency		150 times/day	

### **Entrance Design**



(Optional)

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

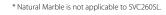


# **Car Doors / Entrance Doors / Entrance Door Frame**









**Ceiling Type** 

(Electric Fan: Optional)

[Wood]

Casual Oak (F-7)

Ajax Soft (F-24)

[Carpet]

[Vinyl Floor Tile]

Calacatta Gold (F-25)

Natural Cherry (F-16) Standard

Dark Brown Oak (F-17) Standard

Car Wall Protect Plate (Optional)

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 (SHA300S)

[Window Type]

Large Transparent Glass Optional





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

[Window Shape]







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

[Window Material]

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Transparent Glass Optional





# Handrails Optional



Beige Wood (HR-RJ0-S30W)



Black Wood (HR-RJ0-S30B)



Stainless Steel (HR-EB0-S30S)

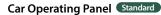
# Mirrors Optional

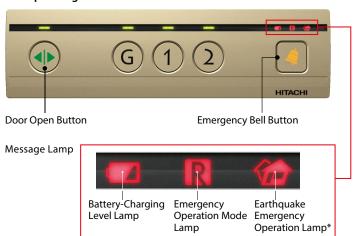


# Car Wall Protect Plate Optional



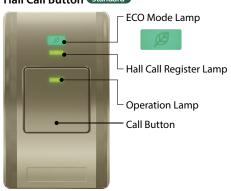
# Signalization





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

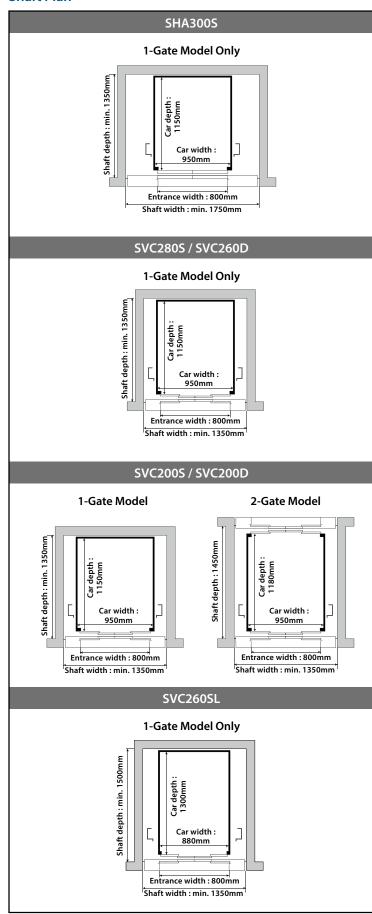
# Hall Call Button Standard

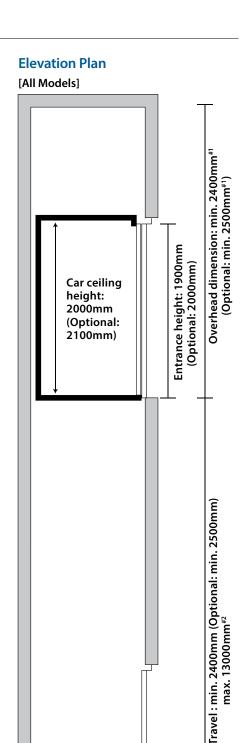




# Plan View

### **Shaft Plan**





- #1 +50mm for SVC260D/SVC200D.
- #2 max. 10000mm for 2-Gate Model.
- #3 +200mm for 2-Gate Model.
- +50mm when Double Isolation Unit for Absorbing Vibration and Sound (Optional) is applied.

# **Specifications**

		Standard Car Design			●Standard ○Optional  Deluxe Car Design		Large-Dept Car Design
		SHA300S	SVC280S	SVC200S	SVC260D	SVC200D	SVC260:
Safety Feature	Multi-Beam Door Sensor	•	•	•	•	•	•
	Overload Return Door System (ORS)	•				•	•
	Nearest Landing Operation for Minor Trouble (NLNO)		•		•		•
	Next Drive Operation (NXTD)	•	•	•	•	•	•
	Overload Detection System (OLDS)	•	•	•	•		•
	Automatic Rescue Device for Power Failure (ARD) Landing on Nearest Lower Floor	•	•	•	•	•	•
	Automatic Rescue Device for Power Failure (ARD) Landing on Bottom Floor	0	0	0	0	0	0
	Car Emergency Lighting (CEML)	•	•	•	•	•	•
	Emergency Bell Button	•	•	•	•	•	•
	Unintended Car Movement Protection System	•	•	•	•	•	•
nergy-Saving	ECO Mode	•	•	•	•	•	•
Car Design	Handrail (Wood / Stainless Steel)	0	0	0	0	0	0
	Mirror (Wooden / Aluminium Frame)	0	0	0	-	-	0
	Electric Fan	0	0	0	•	•	0
	Car Wall Protect Plate	0	0	0	-	-	0
	Stainless Steel Plate (Ceiling / Wall / Front Return & Transom Panel)	0	0	0	-	-	0
	Stainless Steel Plate (Car Doors)	0	0	0	0	0	0
	Stainless Mirror (at Whole Rear Wall)	0	0	Ö	-	-	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	-
Floor	Carpet (F-11, F-12)	•	•	•	-	-	•
	Carpet (F-21, F-22)	-	-	-	•	•	-
	Vinyl Floor Tile (F-16, F-17)	•	•	•	•	•	•
	Vinyl Floor Tile (F-24, F-25) / Wood	0	0	0	0	0	0
	Natural Marble*1	0	0	0	0	0	-
	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
Car & Entrance Door Windows Entrance Design	No Window	•					
	Large Transparent Glass Windows	0	_	_	_	_	_
	Double Slit Plastic Windows	_					
	Double Slit Transparent Glass Windows	_	0	0	0	0	
	·	_	0	0	0	0	0
	Triple Slit Plastic Windows*2  Triple Slit Transparent Glass Windows	_	0	0	0	0	0
	Stainless Steel Plate	0	0	0	0	0	0
Function			•				
	Medular lack (LISP Power Supply						
	Modular Jack / USB Power Supply  Extending Deer Opening Time (2 Minutes)						
	Extending Door Opening Time (3 Minutes)						
	Management Key Switch (Bottom Floor)						
	One Additional Management Key Switch	0	0	0	0	0	0
	Double Isolation Unit for Absorbing Vibration and Sound*3	0	0	O*4	0	O*4	0
	Earthquake Emergency Operation (EEMO) with P-Wave Sensor	0	0	0	0	0	0
	Fire Emergency Operation (FEMO)						
	Flood Emergency Operation	0	0	O*4	0	O *4	0
	Car Indicator	0	0	O*4	0	O*4	0
	Hall Position Indicator	0	0	0	0	0	0
	Car Arrival Chime	0	0	0	0	0	0
1 Not applicable to 2-G	Bleep Button	0	0	0	0	0	

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

Manufacturer's Standard for SHA300S, SVC280S, SVC260D, SVC260SL

NOTE1 No fuse breaker for home elevator shall be inverter compatible model supplied by others. NOTE2 Applicable standard: Building Standard Law of Japan for SVC200S, SVC200D

<sup>\*2</sup> 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.

<sup>\*4</sup> Required by Building Standard Law of Japan when travel is over 7m.