## Hitachi, Ltd.Building Systems Business Unit

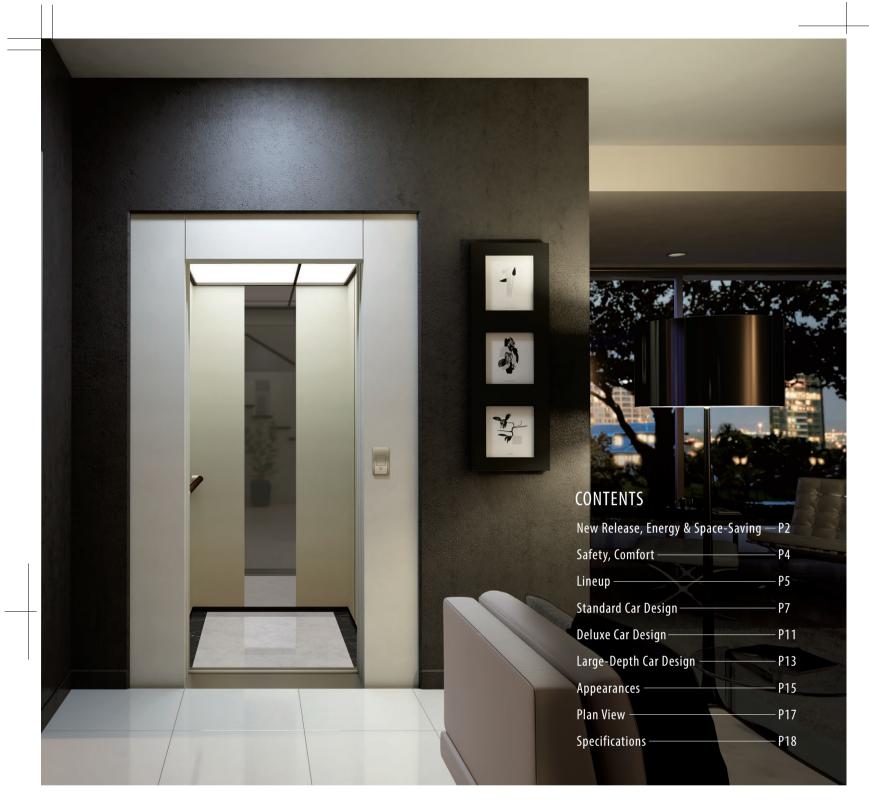
WATERRAS Tower, 2-101, Kanda Awajicho, Chiyoda-ku, Tokyo, 101-8941 Japan https://www.hitachi.com/businesses/elevator/index.html

Contact Address:

The information in this catalogue is subject to change without notice.







# 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**

(NEW) Capacity: 300kg with 2-Panel Center Opening Door

SHA300S 4 Persons / 300kg



## **Energy & Space-Saving**

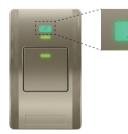
### **ECO-Friendly Driving System**

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.



With Energy-Saving

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

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### **New Features**

#### NEW Natural Marble Floor Optional

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.



#### (NEW) 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.)



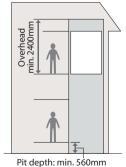
\*A mobile phone can be provided in the car as external communication device and charged by this USB power supply instead of providing the landline phone.

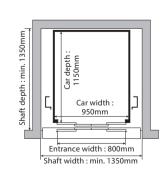
#### Space-Saving

#### 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.

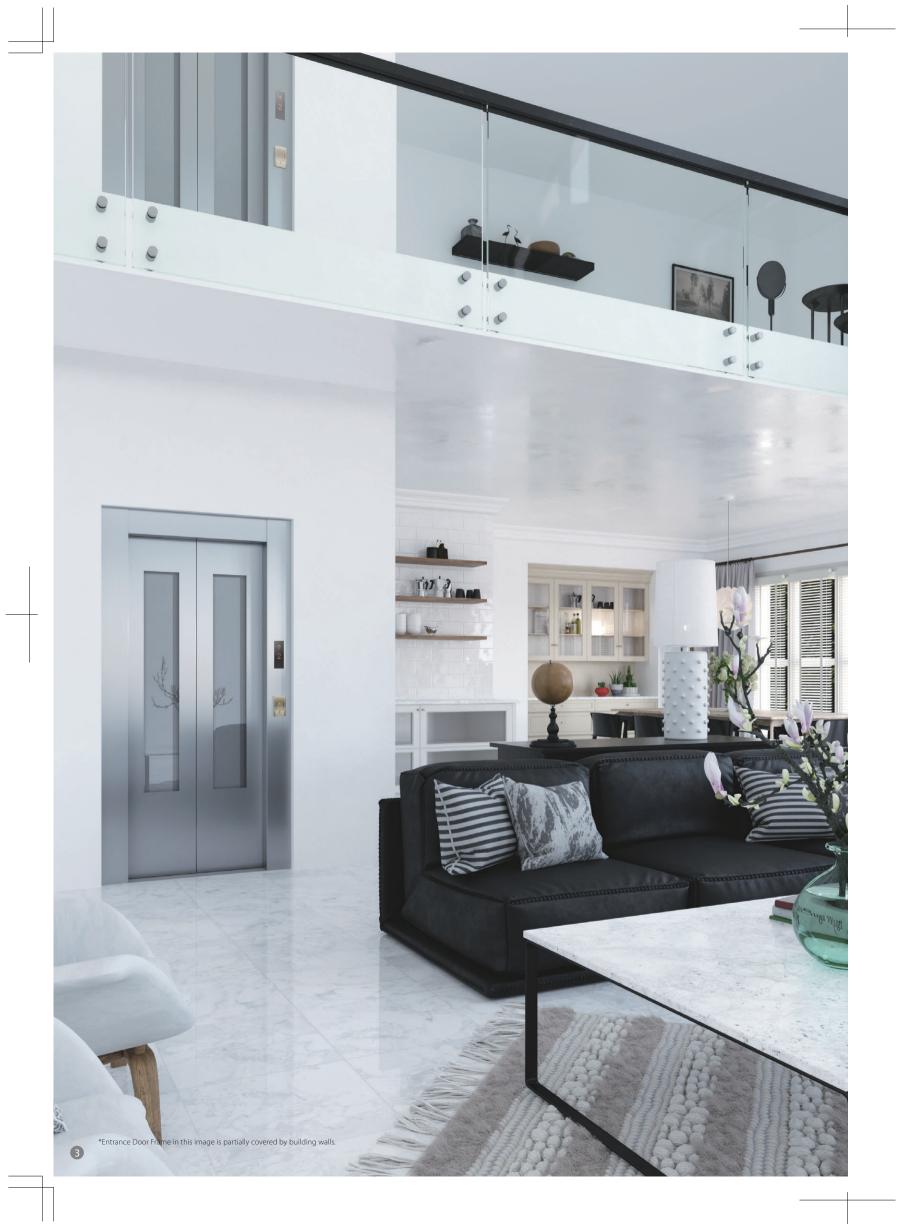


### [Example of SVC280S]





\*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.

### 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. Management Key Switch (



#### 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.



#### 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.



#### 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 displays information on the car position and operating status clearly



#### Electric Fan Optional



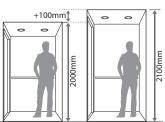
Extending

door opening

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



## Lineup

		Standard Car Design		Deluxe Ca	ar Design	Large-Depth Car Design	
		SHA300S	SVC280S	SVC200S	SVC260D	SVC200D	SVC260SL
	Car						<image/>
Rated	d Capacity	4 Persons / 300kg	4 Persons / 280kg	3 Persons / 200kg	4 Persons / 260kg	3 Persons / 200kg	4 Persons / 260kg
Rate	ed Speed	Up 20m/min, [	Down 30m/mi	n	Up 20m/min, D	own 30m/min	Up 20m/min, Down 30m/min
Max	x. Stops	!	5		5	;	5
Max.	∯ ↓ 1-Gate	13m		13	m	13m	
Travel	+ → 2-Gate	-	-	10m	-	10m	-
Car Size (W)950mm x (D)1150mm x (H)2000mm <sup>*1</sup>		(W)950mm x (D)115	0mm x (H)2000mm <sup>*1</sup>	(W)880mm x (D)1300mm x (H)2000mm <sup>*1</sup>			
Door Opening Size (\		(W)800mm x	(W)800mm x (H)1900mm*2		(W)800mm x (H)1900mm*2		(W)800mm x (H)1900mm*2
Door Type		2-Panel Center Opening	4-Panel Cer	nter Opening	4-Panel Center Opening		4-Panel Center Opening

\*1 Optional: (H)2100mm \*2 Optional: (H)2000mm

## Standard Car Design

### Car Design



Ceiling LED Down Light Type: MS96
Side Walls, MS96 Front Return &
Transom Panel
Car DoorsMS96
Windows Large Transparent Glass (Optional)
FloorF-31 (Optional)
Handrail (Optional) Black Wood
TelephoneProvided 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	
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 Frequency		150 times/day	





#### 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 (Optional)	Stainless Steel
Telephone	Provided by Customers

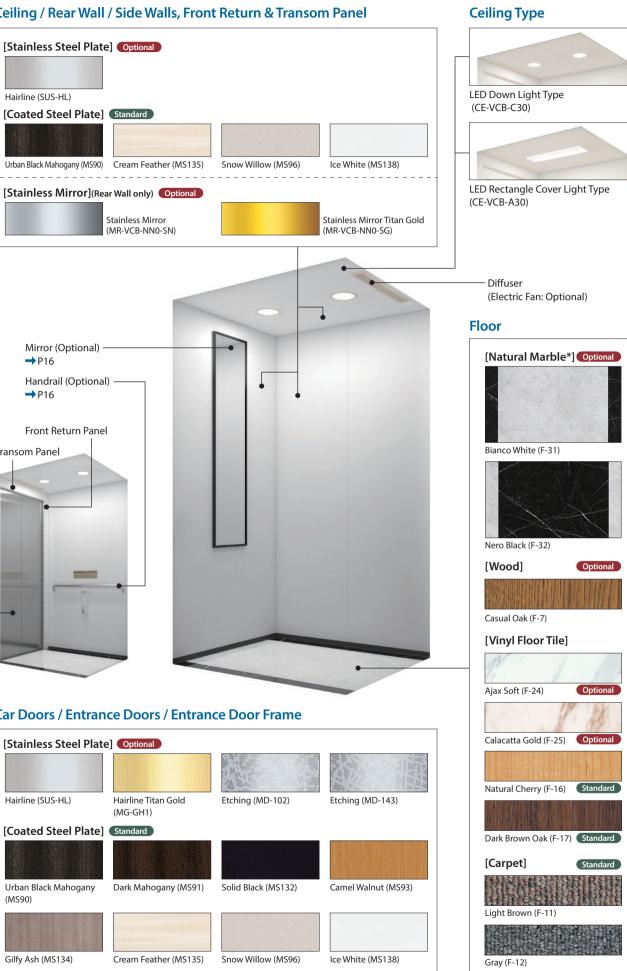


Ceiling	LED Rectangle Cover Light Type: MS135
Rear Wall	MS135
Side Walls	MS135
Floor	F-17
Handrail (Optional)	Black Wood
Mirror (Optional)	Aluminium Frame
Telephone	Provided by Customers

#### **Entrance Design**



Windows ---- Large Transparent Glass (Optional)





[Stainless Steel Plate	2] Optional	
Hairline (SUS-HL)	Hairline Titan Gold (MG-GH1)	Etching (MD
[Coated Steel Plate]	Standard	
Urban Black Mahogany (MS90)	Dark Mahogany (MS91)	Solid Black (
Gilfy Ash (MS134)	Cream Feather (MS135)	Snow Willow

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

## Standard Car Design

Car Design



Ceiling	LED Down Light Type: SUS-HL (Optional)
Side Walls, Front Return & Transom Panel	SUS-HL (Optional)
Car Doors	SUS-HL (Optional)
Windows	Double Slit Gray Smoked Plastic
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		
Max. 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		





Ceiling



--- LED Down Light

#### Car Design Example



-	Type: MS96
Rear Wall	- MS96
Side Walls	- MS96
Floor	- F-24 (Optional)
Handrail (Optional)	- Stainless Steel
Mirror (Optional)	- Aluminium Frame
Telephone	<ul> <li>Provided by Customers</li> </ul>



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

**Entrance Design** 



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





	[Stainless Steel Plate		
_			
	Hairline (SUS-HL)	Hairline Titan Gold (MG-GH1)	Etching (MD
	[Coated Steel Plate]	Standard	
	Urban Black Mahogany (MS90)	Dark Mahogany (MS91)	Solid Black (
	Gilfy Ash (MS134)	Cream Feather (MS135)	Snow Willov

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

## Deluxe Car 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
Telephone	Provided by Customers

#### **Basic Specifications**

		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		rter Drive			
Power Supply		Single-Phase 210V•220V•230V•240V 2-Wired			
Door Type		4-Panel Center Opening			
Starting Frequency		150 times/day			







#### Car Design Example







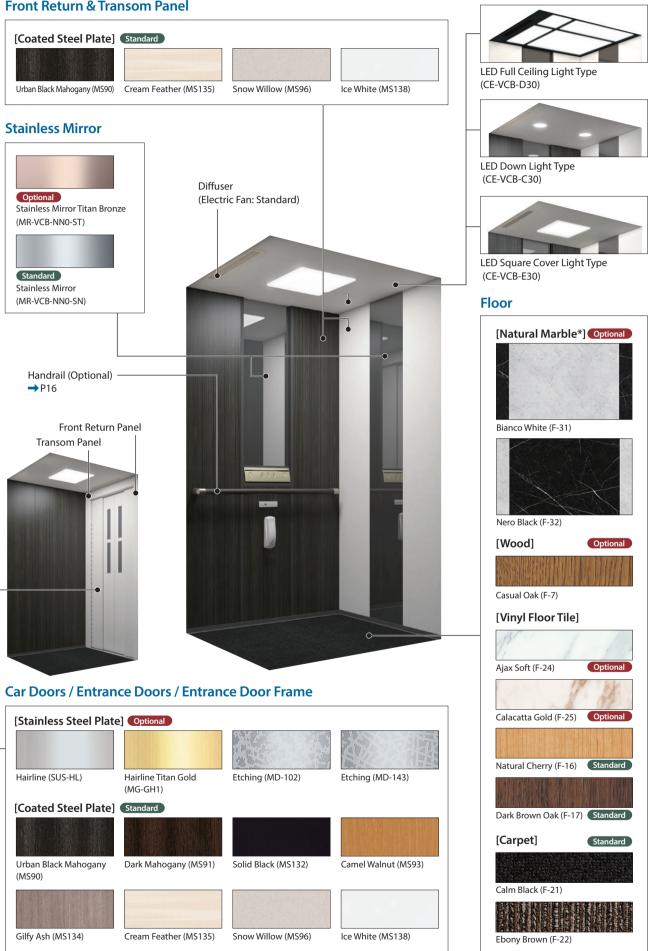


### **Entrance Design**

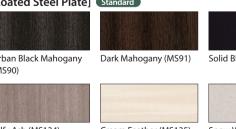


Entrance Doors / Frame----MS135 Windows ---- Double Slit Transparent Glass (Optional)

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







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#### **Ceiling Type**

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

### Large-Depth Car Design Car Design

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#### Car Design Example



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



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

#### **Entrance Design**



Entrance Doors / Frame-MS91 Windows ---- Triple Slit Transparent Glass (Optional)





[Stainless Steel Plate	e] Optional	
Hairline (SUS-HL)	Hairline Titan Gold (MG-GH1)	Etching (M
[Coated Steel Plate]	Standard	
Urban Black Mahogany (MS90)	Dark Mahogany (MS91)	Solid Black
Gilfy Ash (MS134)	Cream Feather (MS135)	Snow Willo

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
Handrail (Optional)	Black Wood
Telephone	Provided by Customers
Car Doors Windows Floor Handrail (Optional)	Double Slit Gray Smoked Plastic F-12 Black Wood

#### **Basic Specifications**

Large-Depth Type

		SVC260SL		
Rated Capacity		4 Persons / 260kg		
Rated Speed		Up 20m/min, Down 30m/min		
Max. Stops		5		
Max. Travel	1-Gate	13m		
	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		

## 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]





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

#### [Window Material]











Beige Wood (HR-RJ0-S30W)

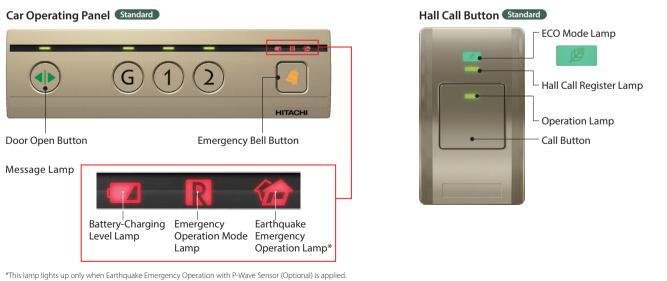


Black Wood (HR-RJ0-S30B)



Stainless Steel (HR-EB0-S30S)

#### Signalization



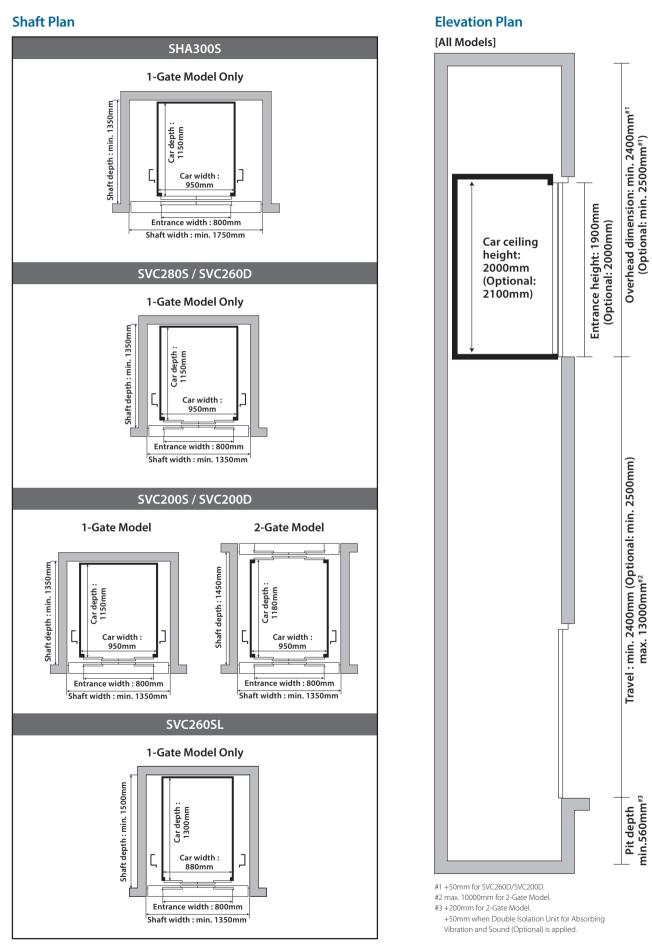




#### Car Wall Protect Plate Optional



## Plan View



## **Specifications**

					Standard	d Optional	
	Item	Standard Car Design			Deluxe Car Design		Large-Depth Car Design
	M In Development	SHA300S	SVC280S	SVC200S	SVC260D	SVC200D	SVC260S
	Multi-Beam Door Sensor Overload Return Door System (ORS)						
	Nearest Landing Operation for Minor Trouble (NLNO)						
	Next Drive Operation (NXTD)						
Safety Feature	Overload Detection System (OLDS) Automatic Rescue Device for Power Failure (ARD)						
Juicty reature	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						
Energy-Saving	ECO Mode						
	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
Car Design	Stainless Steel Plate (Car Doors)	0	0	0	0	0	0
<u> </u>	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)	-	-	-			-
loor	Vinyl Floor Tile (F-16, F-17)			۲			
	Vinyl Floor Tile (F-24, F-25) / Wood	0	0	0	0	0	0
	Natural Marble*1	0	0	0	0	0	-
<b>C C C</b>	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	-	-	-	-	-
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	$\bigcirc$
	Triple Slit Transparent Glass Windows	-	0	0	0	0	0
Entrance Design	Stainless Steel Plate	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
	Double Isolation Unit for Absorbing Vibration and Sound*3	0	0	0	0	0	$\bigcirc$
unction	Earthquake Emergency Operation (EEMO) with P-Wave Sensor	0	0	○*4	0	○*4	0
	Fire Emergency Operation (FEMO)	0	0	0	0	0	0
	Flood Emergency Operation	0	0	0	0	0	0
	Car Indicator	0	0	○*4	0	○*4	0
	Hall Position Indicator	0	0	0	0	0	0
	Car Arrival Chime	Õ	Õ	Õ	Õ	Õ	Õ
	Bleep Button	Õ	Õ	Õ	Õ	Õ	Õ

\*1 Not applicable to 2-Gate Model.

\*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 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 SVC2005, SVC200D Manufacturer's Standard for SHA3005, SVC2805, SVC260D, SVC260SL