

HITACHI
Inspire the Next

© Hitachi Building Systems Co., Ltd.

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Home Elevators

Luxury and convenience in your home



CONTENTS

Japan Quality (Advanced Design)	P2
Safety	P3
Comfort	P4
Deluxe Car Design	P5
Standard Car Design	P7
Appearances	P9
Specifications / Plan View	P10

Japan Quality (Advanced Design)

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 conform to Japan Earthquake-Resistant standard.

User-Friendly

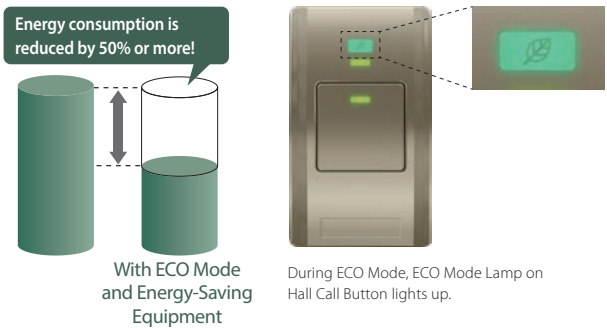
Our home elevators are designed to ensure the safety and comfort for all people: Providing automatic doors and multi-beam door sensors as standard on all models helps older people and people with disabilities use our home elevator more safely and comfortably.

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.



[Access Here for Home Elevators Promotion Movie](#)



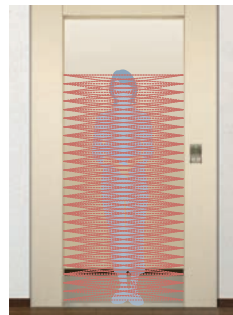
Specifications are subject to change without notice.
Actual color may differ slightly from those shown.



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 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.

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.



Management Key Switch (Bottom floor)

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

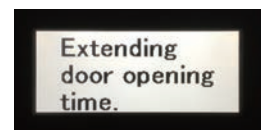
Electric chime sounds to announce car arriving before landing on the floor.

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.



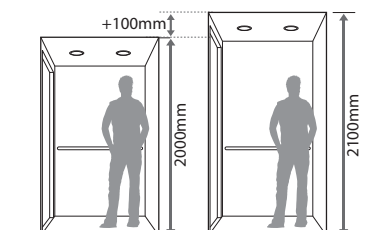
Electric Fan Optional

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



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Deluxe Car Design

Car Design

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



SVC200D
3 Persons / 200kg



- Ceiling.....LED Full Ceiling Light Type
- Stainless Mirror.....MR-VCB-NN0-ST (Optional)
- Rear Wall.....MS96
- Side Walls.....MS96
- Bottom Wall of Car Operating Panel.....MS90
- Floor.....F-31 (Optional)
- Telephone.....Provided by Customers

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)
- Telephone.....Provided by Customers



- 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.....Black Wood
- Telephone.....Provided by Customers

Basic Specifications

SVC200D		
Rated Capacity		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

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

[Coated Steel Plate]

Urban Black Mahogany (MS90)

Standard

Cream Feather (MS135)

Snow Willow (MS96)

Ice White (MS138)

Stainless Mirror

Optional

Stainless Mirror Titan Bronze (MR-VCB-NN0-ST)

Standard

Stainless Mirror (MR-VCB-NN0-SN)



Car Doors / Entrance Doors / Entrance Door Frame

[Stainless Steel Plate]

Hairline (SUS-HL)

Optional

Hairline Titan Gold (MG-GH1)

Etching (MD-102)

Etching (MD-143)

[Coated Steel Plate]

Urban Black Mahogany (MS90)

Standard

Dark Mahogany (MS91)

Solid Black (MS132)

Camel Walnut (MS93)

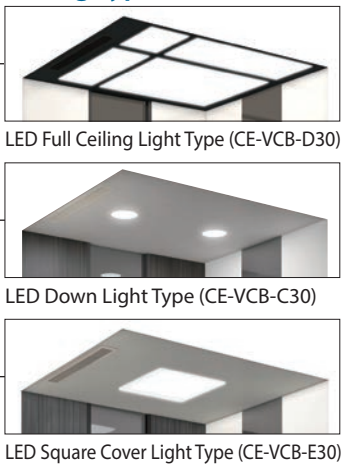
Gilfy Ash (MS134)

Cream Feather (MS135)

Snow Willow (MS96)

Ice White (MS138)

Ceiling Type



Floor

[Natural Marble*]

Bianco White (F-31)

Nero Black (F-32)

Tutto White (F-33)

[Wood]

Casual Oak (F-7)

Optional

Ajax Soft (F-24)

Optional

Calacatta Gold (F-25)

Standard

Natural Cherry (F-16)

Standard

Dark Brown Oak (F-17)

[Carpet]

Calm Black (F-21)

Standard

Ebony Brown (F-22)

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

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Standard Car Design

Car Design

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



SVC200S
3 Persons / 200kg

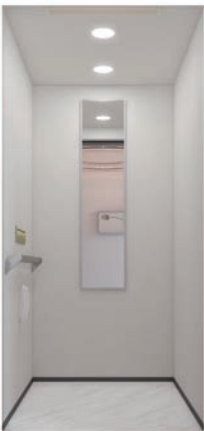


- Ceiling** LED Down Light Type: SUS-HL (Optional)
- Side Walls, Front Return & Transom Panel** SUS-HL (Optional)
- Car Doors** SUS-HL (Optional)
- Windows** Double Slit Gray Smoked Plastic
- Floor** F-32 (Optional)
- Handrail (Optional)** Stainless Steel
- Telephone** Provided by Customers

Basic Specifications

		SVC200S
Rated Capacity		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

Car Design Example

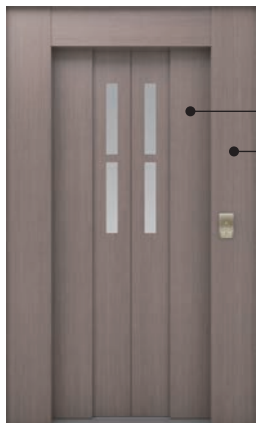


- Ceiling** LED Down Light Type: MS96
- Rear Wall** MS96
- Side Walls** MS96
- Floor** F-24 (Optional)
- Handrail (Optional)** Stainless Steel
- Mirror (Optional)** Aluminium Frame
- Telephone** Provided by Customers



- 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)

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

[Stainless Steel Plate] **Optional**

Hairline (SUS-HL)

[Coated Steel Plate] **Standard**

Urban Black Mahogany (MS90) Cream Feather (MS135) Snow Willow (MS96) Ice White (MS138)

[Stainless Mirror] (Rear Wall only) **Optional**

Stainless Mirror (MR-VCB-NN0-SN) Stainless Mirror Titan Gold (MR-VCB-NN0-SG)



Car Doors / Entrance Doors / Entrance Door Frame

[Stainless Steel Plate] **Optional**

Hairline (SUS-HL) Hairline Titan Gold (MG-GH1) Etching (MD-102) Etching (MD-143)

[Coated Steel Plate] **Standard**

Urban Black Mahogany (MS90) Dark Mahogany (MS91) Solid Black (MS132) Camel Walnut (MS93)

Gilfy Ash (MS134) Cream Feather (MS135) Snow Willow (MS96) Ice White (MS138)

Ceiling Type



LED Down Light Type
(CE-VCB-C30)

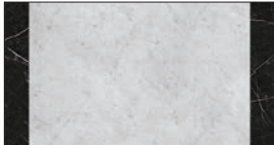


LED Rectangle Cover Light Type
(CE-VCB-A30)

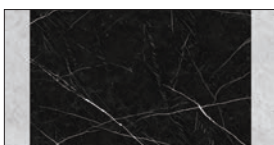
Diffuser
(Electric Fan: Optional)

Floor

[Natural Marble*] **Optional**



Bianco White (F-31)



Nero Black (F-32)



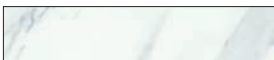
Tutto White (F-33)

[Wood] **Optional**



Casual Oak (F-7)

[Vinyl Floor Tile]



Ajax Soft (F-24)



Calacatta Gold (F-25)



Natural Cherry (F-16)



Dark Brown Oak (F-17)

[Carpet]



Light Brown (F-11)



Gray (F-12)

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

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Appearances

Car and Entrance Door Windows

[Window Shape]

Triple Slit* Optional



Double Slit Standard



[Window Material]

Transparent Glass

Optional



Gray Smoked Plastic

Standard



*When 100mm Higher Car Ceiling Height and Entrance Height (Optional) is applied, Triple Slit is applied as standard.

Handrails Optional



Beige Wood (HR-RJ0-S30W)



Black Wood (HR-RJ0-S30B)



Stainless Steel (HR-EB0-S30S)

Mirrors Optional



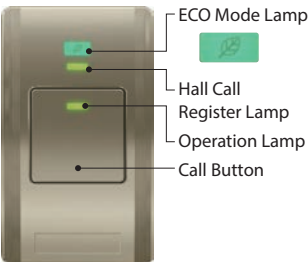
Aluminium Frame (MR-ED0-ANO-LGN)

Signalization

Car Operating Panel Standard



Hall Call Button Standard



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

Car Wall Protect Plate Optional



Specifications / Plan View

Specifications

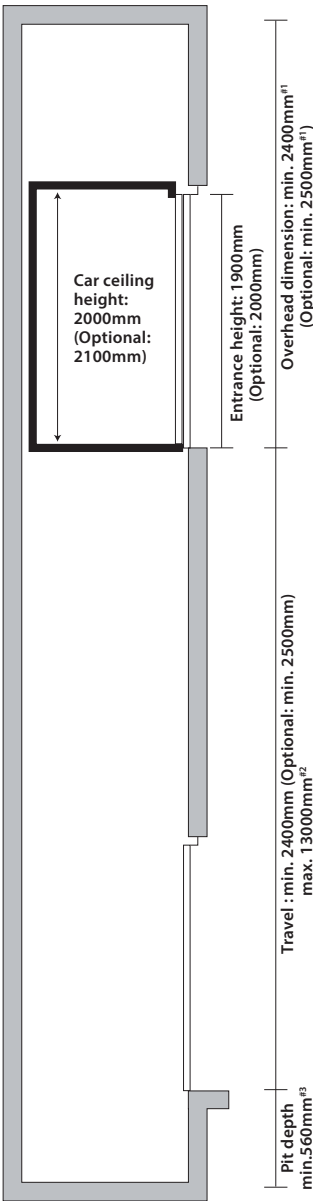
Item		●Standard	○Optional	- Not applicable
		Deluxe Car Design SVC200D	Standard Car Design SVC200S	
Safety Feature	Multi-Beam Door Sensor (MBDS)	●	●	
	Overload Return Door System (ORS)	●	●	
	Nearest Landing Operation for Minor Trouble (NLNO)	●	●	
	Next Drive Operation (NXTD)	●	●	
	Overload Detection 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	○	○	
	Car Emergency Lighting (CEML)	●	●	
	Emergency Bell Button	●	●	
	Unintended Car Movement Protection System	●	●	
Energy-Saving	ECO Mode	●	●	
Car Design	Handrail (Wood / Stainless Steel)	○	○	
	Mirror (Aluminium Frame)	-	○	
	Electric Fan	●	○	
	Car Wall Protect Plate	-	○	
	Stainless Steel Plate (Ceiling / Wall / Front Return & Transom Panel)	-	○	
	Stainless Steel Plate (Car Doors)	○	○	
	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)	○	-	
	Stainless Mirror (at Whole Rear Wall)	-	○	
	Stainless Mirror Titan Gold (at Whole Rear Wall)	-	○	
Floor	Carpet (F-21, F-22)	●	-	
	Carpet (F-11, F-12)	-	●	
	Vinyl Floor Tile (F-16, F-17)	●	○	
	Vinyl Floor Tile (F-24, F-25) / Wood	○	○	
	Natural Marble (F-31, F-32, F-33) ^{*1}	○	○	
Comfort	2-Gate Model (Only One Side Opening at Each Floor)	○	○	
	100mm Higher Car Ceiling Height and Entrance Height	○	○	
Car & Entrance Door Windows	Double Slit Plastic Windows	●	●	
	Double Slit Transparent Glass Windows	○	○	
	Triple Slit Plastic Windows ^{*2}	○	○	
Entrance Design	Triple Slit Transparent Glass Windows	○	○	
	Stainless Steel Plate	○	○	
Function	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	○	○	
	Double Isolation Unit for Absorbing Vibration and Sound ^{*3}	○	○	
	Earthquake Emergency Operation (EEMO) with P-Wave Sensor ^{*4}	○	○	
	Fire Emergency Operation (FEMO)	○	○	
	Flood Emergency Operation	○	○	
	Car Indicator ^{*4}	○	○	
	Hall Position Indicator	○	○	
	Car Arrival Chime	○	○	
	Bleep Button	○	○	

*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.
*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.

Elevation Plan

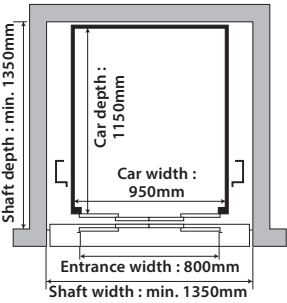
[All Models]



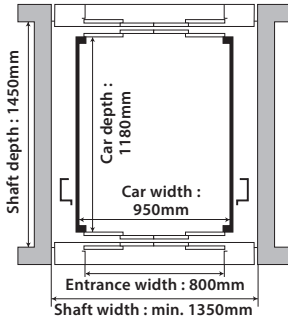
#1 +50mm for SVC200D.
#2 max. 10000mm for 2-Gate Model.
#3 +200mm for 2-Gate Model.
+50mm when Double Isolation Unit for Absorbing Vibration and Sound (Optional) is applied.

Shaft Plan

[1-Gate Model]



[2-Gate Model]



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