

Home Elevators for Private House

Luxury and convenience in your home

MODEL **Series-SVC/SED**



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Building Systems Business Unit

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

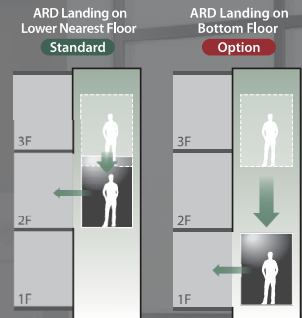
Raising the Quality of Your Lifestyle

Home elevators empower everyone in your family to move around the home with greater safety, freedom and peace of mind. And all rooms can be used with maximum effectiveness.

Safety

Automatic Rescue Device for Power Failure (ARD) Car Emergency Lighting (CEML)

Upon electric power supply failure, a car automatically moves to the nearest lower floor or bottom floor (Option), and doors open by using a rechargeable battery to facilitate the safe evacuation of passenger. And upon electric power supply failure, an emergency car light automatically turns on immediately and provides minimum level of lighting within a car by the rechargeable battery.



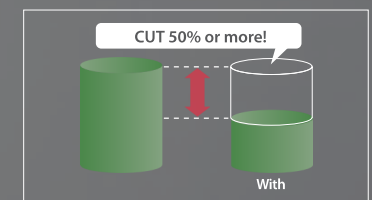
Energy-Saving and ECO Functions

LED Car Lighting

Applying LED Car Lighting offers longer life and saving energy. They are environmentally friendly, as they do not need to be replaced frequently.

Energy Saving (Standard)

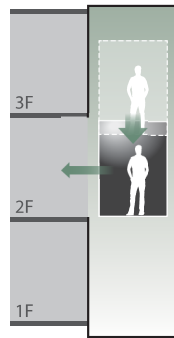
Hitachi Home Elevators reduce wasteful electrical usage. In addition to a high-efficiency motor, they are equipped with an automatic illumination shutoff function and an energy-saving operation mode as a standard feature that dramatically reduces standby power consumption.



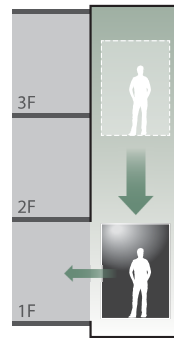
Automatic Rescue Device for Power Failure(ARD) Car Emergency Lighting(CEML)

Upon electric power supply failure, a car automatically moves to the nearest lower floor or bottom floor (Option), and doors open by using a rechargeable battery to facilitate the safe evacuation of passenger. And upon electric power supply failure, an emergency car light automatically turns on immediately and provides minimum level of lighting within a car by the rechargeable battery.

ARD Landing on Lower Nearest Floor **Standard**



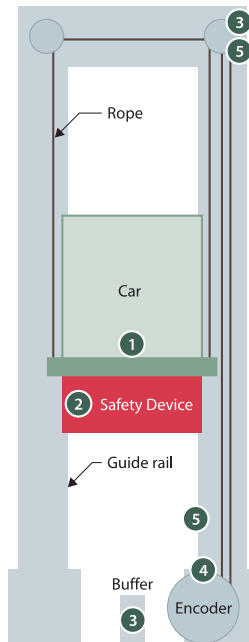
ARD Landing on Bottom Floor **Option**



Safety Devices **Standard**

To ensure safety in daily use, our elevators are equipped with safety systems equivalent to those of elevators used in commercial buildings.

Overload Return Door System(ORS) ①	A buzzer will sound and the door will remain open if the weight in car exceeds its rated capacity.
Safety Device ②	Should there be any problem with the hoisting rope, such as looseness, the stopper will be activated instantly to grab the guide rail and keep the elevator from falling down.
Buffers ③	Should the elevator exceed its range of movement and hit the top or bottom of the shaft, these buffers reduce the shock of impact and stop the car safely.
Encoder ④	Encoder constantly monitors running speed of car and stops it if it exceeds the specified speed.
Final Limit Switch ⑤	The elevator will stop if it travels exceeding its specified range of movement.
Door Lock Switch	Entrance door is locked automatically, and will not open unless the car stops at the same floor.



For SVC Series only

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 without touching the door as providing standard feature.



Image of Multi-Beam Door Sensor

For SED Series only

Door Safety Shoe **Standard**

If passengers or objects come into contact with the safety shoe on the door edge when the door is closing, the door automatically re-opens to ensure safe operation, as a standard feature.



Safety Ray (2 Beams) **Option**

The doors feature a pair of photoelectric beams that detects passengers and objects. If a passenger or object is detected when the doors are closing, the doors will automatically reverse and open without making contact. This feature adds an extra level of safety to SED series.

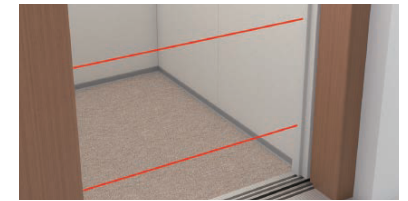


Image of Safety Ray (2 Beams)

Fire Emergency Operation(FEMO) **Option**

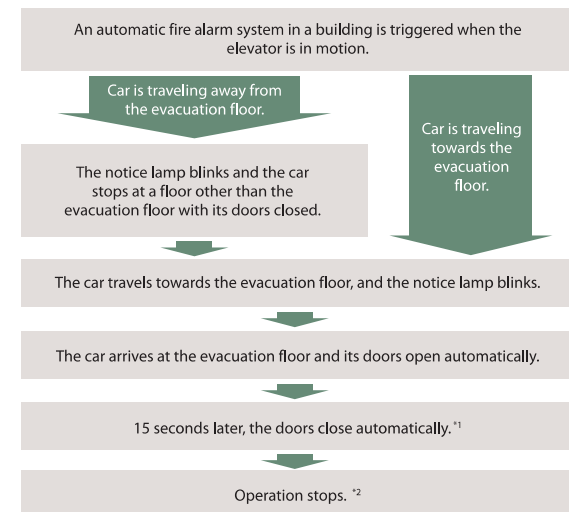
If an automatic fire alarm system (smoke detector, etc.) installed in a building is activated, the car will be commanded to go to the evacuation floor.

* Any floor can be designated as the evacuation floor, but this cannot be changed once the elevator is installed.

* The elevator will not execute controlled operation if a safety system required by law or the elevator's safety function is triggered.



Emergency Operation mode lamp on Car Operating Panel will blink.

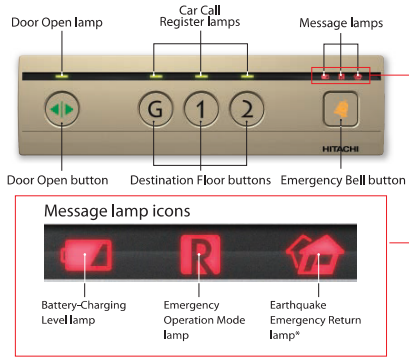


*1) The doors can be opened by pressing Door Open button. Door Open button is operable for approximately 30 minutes.

*2) Once the automatic fire alarm system resumes normal operations and no problem is detected with the elevator, the elevator will resume operations automatically.

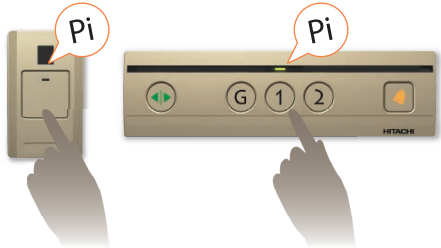
Car Operating Panel(M-CBH-040GF)

Car Operating Panel is located lower position on the side wall to easily operate by passengers. All words and numbers are displayed in large font for easy visibility. Door Open button, Emergency Bell button and Destination floor buttons are simple push type. And Message lamps of Battery Charging Level, Emergency Operation Mode and Earthquake Emergency Return are being displayed on Car Operating Panel.



Bleep Button Option

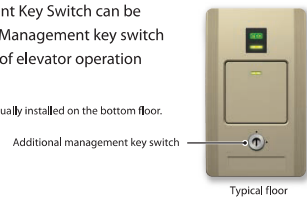
Electronic tone sounds can be made to recognize that The Hall Call button or button on Car Operating Panel is pushed.



Additional Management Key Switch Option

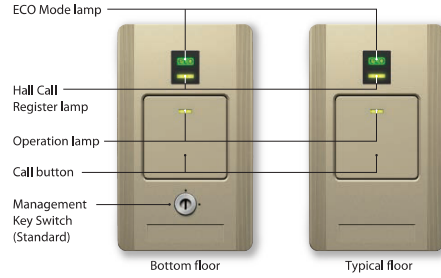
Additional Management Key Switch can be provided by one unit. Management key switch is controlled to on-off of elevator operation from the floor.

*A management key switch is usually installed on the bottom floor.



Hall Call Button(M-HBE-040GJ)

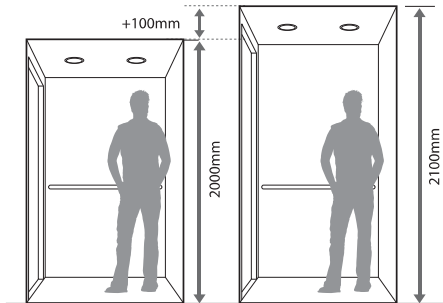
Large size button of 44mmx44mm is applied to Hall Call button. And it is easy, simple push type. Display lamps of Operation, Hall Call Register and ECO Mode are provided on Hall call button panel. And location of Hall call button panel is visible by Operation lamp or ECO Mode lamp easily.



100mm Higher Car Ceiling Height and Entrance Height

SED300S: Standard Others: Option

*Triple Slit Windows are applied in case of SVC series.



Long Type Car for SVC250L

The long car cage will contribute to more comfortable access in your home, especially for wheelchair users.

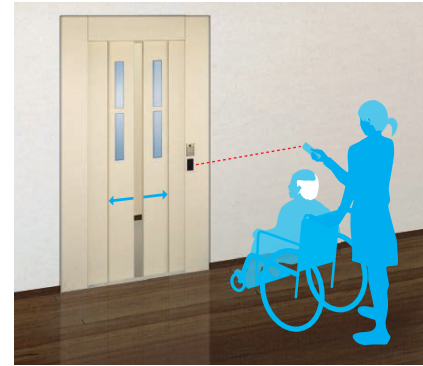


Car Arrival Chime Option

Electronic chime sounds can be made to announce car arriving before reaching to the floor. The chime can be controlled to on-off by switch located in the telephone box.

Remote Control Option

One set of Remote control switch is applied, and Hall call can be registered at the floor some far distance from elevator entrance by Remote control switch. Remote control operation can be made to save time. It is also nice for caregivers to register the Hall call.



Electric Fan Option

Providing Electric Fan for Deluxe car design as standard and for Standard car design as optional feature.

Non Service Function (Key Switch Type) Option

Specific destination buttons on car Operating Panel can be made inactive by using a key.

* The buttons at the landing area remain active.



Energy Saving

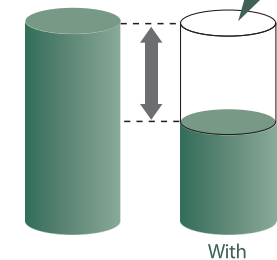
ECO Mode(Energy-Saving) Standard

When the elevator is not used for certain period, the car light and electric fan (Option for Standard car design) are turned off automatically and reduce power consumption of standby power. During ECO Mode, ECO Mode lamp is turned-on light on Hall call button panel and Operation lamp reduces brightness of light.



ECO Mode is deactivated by pressing the call button for more than a second. The ECO Mode lamp is turned-off and Operation lamp lights up.

CUT 50% or more!



With

	SVC Series			SED Series	
	SVC200DX	SVC250L	SVC200	SED300S	SED200S
Car	 P11	 P13	 P15	 P19	 P21
Shaft plan	<p>1-Gate Model</p>  <p>Shaft depth: min. 1350mm Car depth: 1150mm Car width: 950mm Entrance width: 800mm Shaft width: min. 1350mm</p> <p>2-Gate Model</p>  <p>Shaft depth: 1450mm Car depth: 1180mm Car width: 950mm Entrance width: 800mm Shaft width: min. 1350mm</p>	 <p>Shaft depth: min. 1500mm Car depth: 1300mm Car width: 880mm Entrance width: 800mm Shaft width: min. 1350mm</p>	<p>1-Gate Model</p>  <p>Shaft depth: min. 1350mm Car depth: 1150mm Car width: 950mm Entrance width: 800mm Shaft width: min. 1350mm</p> <p>2-Gate Model</p>  <p>Shaft depth: 1450mm Car depth: 1180mm Car width: 950mm Entrance width: 800mm Shaft width: min. 1350mm</p>	 <p>Shaft depth: 1400mm Travel ≤ 10mm: min. 1350mm (*1400mm) Travel > 10mm: min. 1425mm Car depth: 1150mm Car width: 900mm Entrance width: 800mm Shaft width: min. 1535mm</p>	<p>1-Gate Model</p>  <p>Shaft depth: 1350mm Travel ≤ 10mm: min. 1350mm (*1400mm) Travel > 10mm: min. 1425mm (*1475mm) Car depth: 1150mm Car width: 900mm Entrance width: 800mm Shaft width: min. 1535mm</p> <p>2-Gate Model</p>  <p>Shaft depth: 1470mm Car depth: 1180mm Car width: 900mm Entrance width: 800mm Shaft width: min. 1535mm</p>
Door opening size	800mm×1900mm	800mm×1900mm	800mm×1900mm	800mm×2000mm	800mm×1900mm
Gate type	 1-Gate  2-Gate	 1-Gate	 1-Gate  2-Gate	 1-Gate	 1-Gate  2-Gate
Capacity	 3 Persons (200kg)	 3 Persons (250kg)	 3 Persons (200kg)	 4 Persons (300kg)	 3 Persons (200kg)
Maximum Travel	13m / 10m (1-Gate Model) (2-Gate Model)	10m	13m / 10m (1-Gate Model) (2-Gate Model)	13m	13m / 10m (1-Gate Model) (2-Gate Model)
Maximum Number of Stops	5	5	5	5	5

* In case that "Double Isolation unit for Absorbing Vibration and Sound" is applied.

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Various Car Design

SVC200 Deluxe Car Design
3 Persons / 200kg



- Ceiling :Full LED Ceiling
- Car Wall :Coated Steel Plate incorporated with Stainless Mirror
- Floor :Carpet

SVC250L
3 Persons / 250kg



Long Type

- Ceiling :Coated Steel Plate incorporated with LED Rectangle Cover Light
- Car Wall :Coated Steel Plate
- Floor :Carpet

SVC200
3 Persons / 200kg



- Ceiling :Stainless Steel Hairline incorporated with LED Down Light
- Car Wall :Stainless Steel Hairline
- Floor :Vinyl Tile

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 without touching the door as providing standard feature.

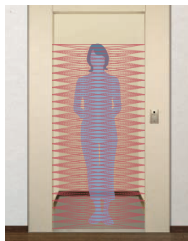


Image of Multi-Beam Door Sensor

Unintended Car Movement Protection System

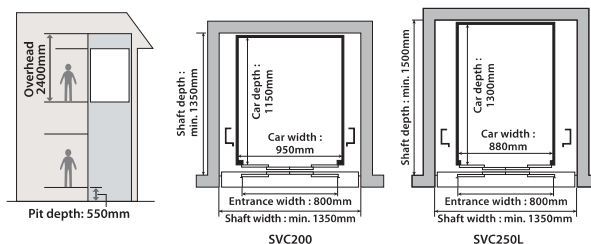
SVC200DX & SVC200: Standard SVC250L: Option

Should the door be rendered uncloseable due to a failure, this device is activated to prevent the car from moving with the door open.

Space-Saving

Space-Saving Solutions

As required minimum space design, "Machine-Room-Less concept" is adopted, whereby Driving Device is located in the shaft well and Control Panel is installed inside the elevator's entrance unit at the bottom floor. Furthermore, required Overhead dimension, Pit depth and Shaft size are designed minimized dimension for the least building construction interface.



*Overhead dimension 2400mm is applied to Standard Car Design.

Car and Entrance Door Window Application (Option)

Wired Glass Window Option



[MS78 Pure White]

Transparent Glass Window Option



[MS91 Dark Mahogany]

Triple Slit Plastic Window* Option



[Stainless Steel Hairline]

* In case that 100mm Higher Car Ceiling Height & Entrance Height is applied, Triple Slit Plastic Window is applied as standard.
NOTE) Standard: Gray Smoked Plastic Window

SVC200 Deluxe Car Design

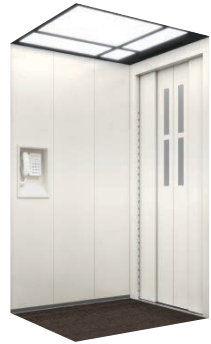


3 Persons
(200kg)



LED Lighting

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



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

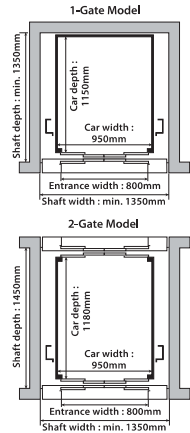


Basic Specifications

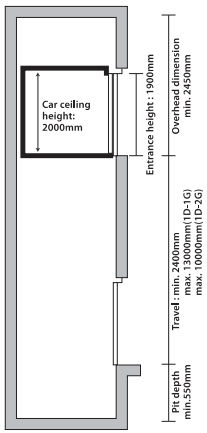
Item	Deluxe Car Design
Usage	Passenger (For Private House)
Number of Persons	3
Rated Capacity(kg)	200
Rated Speed(m/min)	18
Driving System	Basement Drum Type
Control System	VVVF Inverter Drive
Power Supply	Drive & Lighting Single-Phase 210V-220V-230V-240V 2-Wired
Motor Capacity(kW)	2.6
Maximum Number of Stops	5
Maximum Travel(m)	1-Gate Model: 13 2-Gate Model: 10
Door Type	4-Panel Center Opening
Ceiling Type	LED Full Ceiling Light Type LED Square Cover Light Type

(NOTE) Applicable Standard: Comply Building Standard Law of Japan, 2009
Starting Frequency is 50 times/day

Shaft Plan



Elevation Plan



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



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



[ATTENTION!!]
Installation of a telephone inside the car is highly recommended to call for help in an emergency.

① Ceiling	③ Left Side Wall	④ Rear Wall	⑥ Front Return Panel & Transom Panel	⑦ Right Side Wall	② Stainless Mirror
Coated Steel Plate					
Urban Black Mahogany MS90	Cream Marble MS95	Snow Willow MS96	Pure White MS78	Stainless Mirror MR-VCB-NN0-FSN	Stainless Mirror Titan Bronze Color MR-VCB-NN0-FST
⑤ Bottom Wall of Car Operating Panel					
Coated Steel Plate					
Urban Black Mahogany MS90	Dark Mahogany MS91	Cream Marble MS95	Snow Willow MS96	Pure White MS78	⑧ Telephone Box
					⑨ Diffuser
					Plastics
					Beige W-5
					Black W-6
⑩ Car Doors					
⑪ Entrance Doors / Entrance Door Frame					
Coated Steel Plate					
Urban Black Mahogany MS90	Dark Mahogany MS91	Brown Cherry MS92	Camel Walnut MS93	Ecru Beige Maple MS94	Cream Marble MS95
Snow Willow MS96					
Stainless Plate (Option)					
Pure White MS78	Hair Line SUS-HL	Titan Gold (Hair Line) MG-GH1	Etching MD-102	Etching MD-401	Etching MD-105
Etching MD-143					
⑫ Floor					
Carpet					
Calm Black F-21	Ebony Brown F-22	Light Brown F-11	Gray F-12	Vinyl Floor Tile	Wood (Option)
				Natural Cherry F-16	Dark Brown Oak F-17
				Natural Oak F-6	Casual Oak F-7

Actual color may differ slightly from those shown.

Safety

Comfort, Energy Saving

Lineup

SVC Series (Center Opening, 3 Persons)

SVC Series (Side Opening, 4 Persons)

Car Appearance, Specifications

Plan View, Design Simulator



3 Persons
(250kg)



LED Lighting

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



LED Down Light type (CE-VCB-C30)



Telephone
(Provided by Customers)
③ Telephone Box
[W-6 Black]

Long Type

Car Design

- Ceiling: Coated Steel Plate
- Car Wall / Front Return Panel & Transom Panel: Coated Steel Plate
- Car Doors: Coated Steel Plate
- Windows: Gray Smoked Plastics
- Floor: Carpet
- Kick Plate: Gray Plastics
- Telephone Box: Plastics
- Electric Fan (Option)
- Handrail (Option) (P23)
- Car Mirror (Option) (P23)
- Telephone (Provided by Customers)

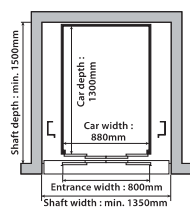
* Down Light frame is the same color as Diffuser

SVC250L Basic Specifications

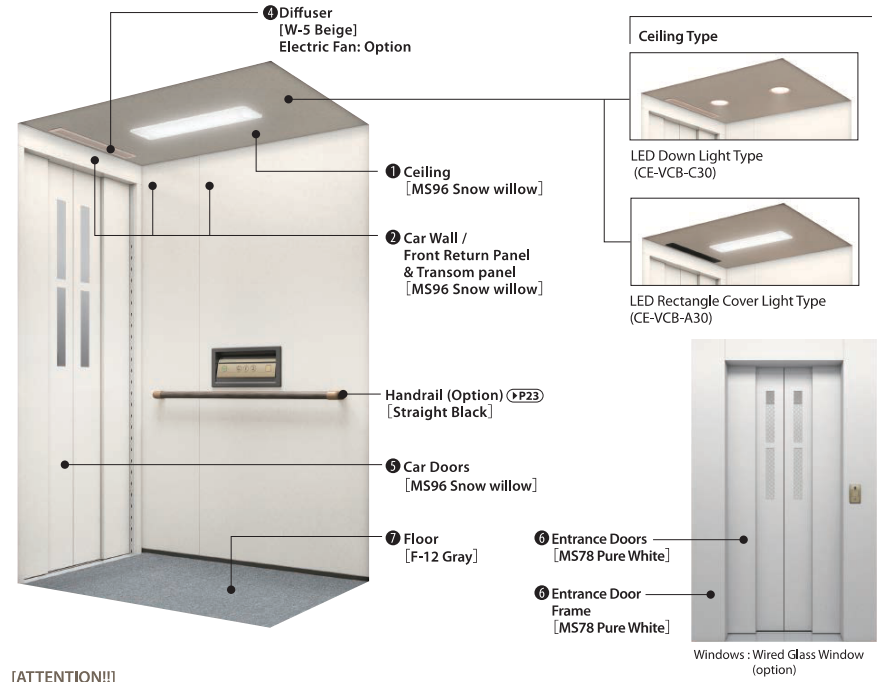
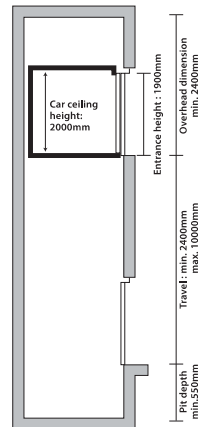
Item	SVC250L
Usage	Passenger (For Private House)
Number of Persons	3
Rated Capacity(kg)	250
Rated Speed(m/min)	18
Driving System	Basement Drum Type
Control System	VVVF Inverter Drive
Power Supply	Drive & Lighting Single-Phase 210V-220V-230V-240V
Motor Capacity(kW)	2.8
Maximum Number of Stops	5
Maximum Travel(m)	10
Door Type	4-Panel Center Opening
Ceiling Type	LED Down Light Type LED Rectangle Cover Light Type

NOTE) Applicable Standard: Manufacturer's Standard
Starting Frequency is 50 times/day

Shaft Plan



Elevation Plan



[ATTENTION!!!]

Installation of a telephone inside the car is highly recommended to call for help in an emergency.

① Ceiling	② Car Wall / Front Return Panel & Transom Panel	③ Telephone Box	④ Diffuser
Coated Steel Plate	Stainless Plate (Option)	Plastics	
Urban Black Mahogany MS90	Cream Marble MS95	Snow Willow MS96	Pure White MS78
			Hairline SUS-HL
			Beige W-5
			Black W-6
⑤ Car Doors		⑥ Entrance Doors / Entrance Door Frame	
Coated Steel Plate			
Urban Black Mahogany MS90	Dark Mahogany MS91	Brown Cherry MS92	Camel Walnut MS93
			Ecru Beige Maple MS94
			Cream Marble MS95
			Snow Willow MS96
Stainless Plate (Option)		Premium Option	
Pure White MS78	Hairline SUS-HL	Titan Gold (Hairline) MG-GH1	Etching MD-102
			Etching MD-401
			Etching MD-105
			Etching MD-143
⑦ Floor			
Carpet		Vinyl Floor Tile	
Light Brown F-11	Gray F-12	Natural Cherry F-16	Dark Brown Oak F-17
			Natural Oak F-6
			Casual Oak F-7

Actual color may differ slightly from those shown. 14



3 Persons
(200kg)



LED Lighting

LED Down Light Type (CE-VCB-C30)



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



Car Design

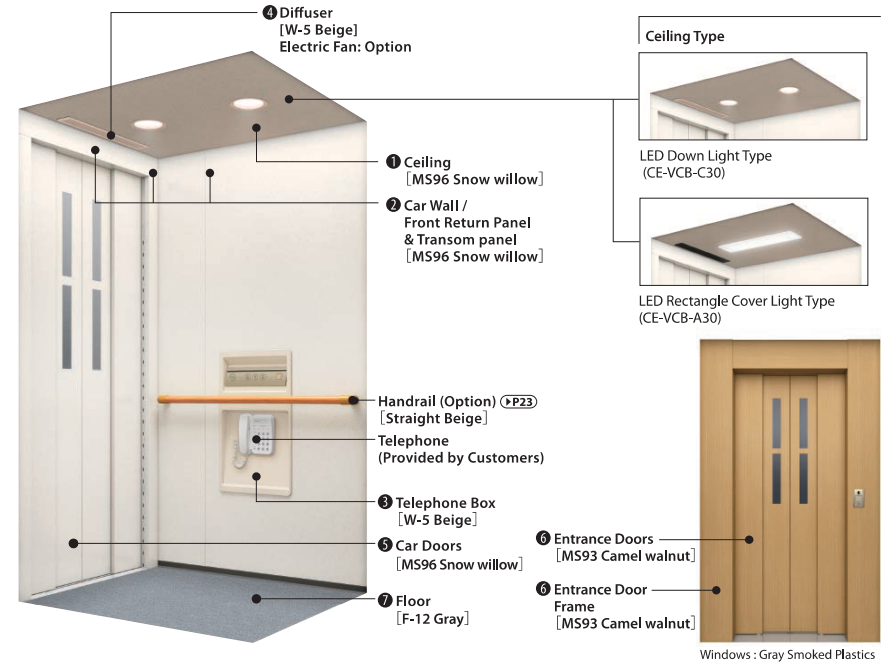
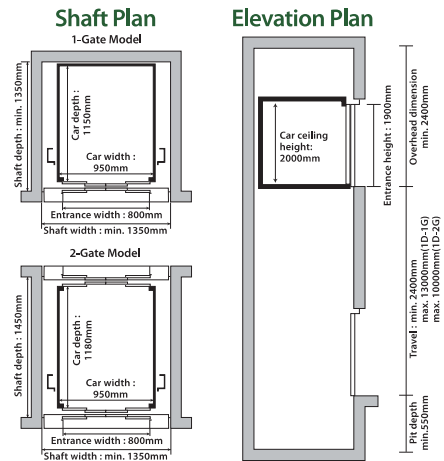
- Ceiling: Coated Steel Plate
- Car Wall / Front Return Panel & Transom Panel: Coated Steel Plate
- Car Doors: Coated Steel Plate
- Windows: Gray Smoked Plastics
- Floor: Carpet
- Kick Plate: Gray Plastics
- Telephone Box: Plastics
- Electric Fan (Option)
- Handrail (Option) (P23)
- Car Mirror (Option) (P23)
- Telephone (Provided by Customers)

* Down Light frame is the same color as Diffuser

SVC200 Basic Specifications

Item	SVC200
Usage	Passenger (For Private House)
Number of Persons	3
Rated Capacity(kg)	200
Rated Speed(m/min)	18
Driving System	Basement Drum Type
Control System	VVVF Inverter Drive
Power Supply	Drive & Lighting Single-Phase 210V-220V-230V-240V 2-Wired
Motor Capacity(kW)	2.6
Maximum Number of Stops	5
Maximum Travel(m)	1-Gate Model: 13 2-Gate Model: 10
Door Type	4-Panel Center Opening
Ceiling Type	LED Down Light Type LED Rectangle Cover Light Type

(NOTE) Applicable Standard: Comply Building Standard Law of Japan
Starting Frequency is 50 times/day



[ATTENTION!!!]

Installation of a telephone inside the car is highly recommended to call for help in an emergency.

① Ceiling ② Car Wall / Front Return Panel & Transom Panel ③ Telephone Box ④ Diffuser

Coated Steel Plate				Stainless Plate (Option)	Plastics	
Urban Black Mahogany MS90	Cream Marble MS95	Snow Willow MS96	Pure White MS78	Hairline SUS-HL	Beige W-5	Black W-6

⑤ Car Doors ⑥ Entrance Doors / Entrance Door Frame

Coated Steel Plate						
Urban Black Mahogany MS90	Dark Mahogany MS91	Brown Cherry MS92	Camel Walnut MS93	Ecru Beige Maple MS94	Cream Marble MS95	Snow Willow MS96
Stainless Plate (Option)						
Pure White MS78	Hairline SUS-HL	Titan Gold (Hairline) MG-GH1	Etching MD-102	Etching MD-401	Etching MD-105	Etching MD-143

⑦ Floor

Carpet		Vinyl Floor Tile		Wood (Option)	
Light Brown F-11	Gray F-12	Natural Cherry F-16	Dark Brown Oak F-17	Natural Oak F-6	Casual Oak F-7

Actual color may differ slightly from those shown.

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Safety

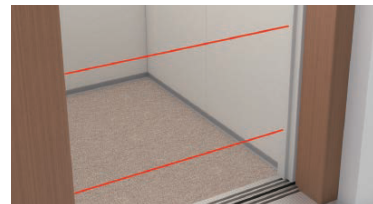
Door Safety Shoe Standard

If passengers or objects come into contact with the safety shoe on the door edge when the door is closing, the door automatically re-opens to ensure safe operation, as a standard feature.



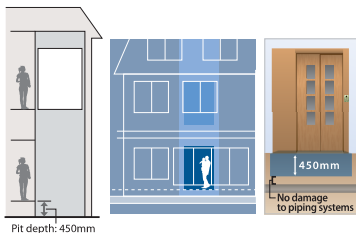
Safety Ray (2 Beams) Option

The doors feature a pair of photoelectric beams that detects passengers and objects. If a passenger or object is detected when the doors are closing, the doors will automatically reverse and open without making contact. This feature adds an extra level of safety to SED series.



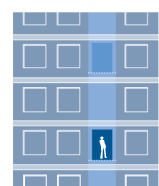
Maximum Use of Available Space

Installation Proposals in Buildings with Limited Pit Depth



For Private House

This optimum elevator model fits for sites where pits cannot be dug deeply or for existing buildings.



For Maisonette Residence

Nowadays, installation of home elevators in Maisonette residence has been growing in popularity. This elevator model offers the optimum choice for use in buildings with limited vertical space.

2 Types of Car Capacity

SED300S 4 Persons / 300kg



Ceiling :Coated Steel Plate incorporated with LED Down Light
Car Wall :Coated Steel Plate
Floor :Carpet

SED200S 3 Persons / 200kg



Ceiling :Coated Steel Plate incorporated with LED Down Light
Car Wall :Coated Steel Plate
Floor :Vinyle Tile

Car and Entrance Door Window Application (Option)

Wired Glass Window Option



[MS93 Camel Walnut]

Transparent Glass Window Option



[Stainless Steel Hairline]

Large Size Wired Glass Window Option



[MG-GH1 Titan Gold (Hairline)]

NOTE) Standard: Gray Smoked Plastic Window



4 Persons
(300kg)



LED Lighting

Car Design

- Ceiling: Coated Steel Plate
- Car Wall/ Front Return Panel & Transom Panel: Coated Steel Plate
- Car Doors: Coated Steel Plate
- Windows: Gray smoked Plastics
- Floor: Carpet
- Kickplate: Gray Plastics
- Lighting: LED Lighting
- Telephone Box: Plastics
- Electric Fan (Option)
- Handrail (Option): **P23** Wood
- Telephone (Provided by customers)

High Car Ceiling Height 2100mm

- Electric Fan (Option)
- LED Down Light Type (CE-EDB-C30)



LED Rectangle Cover Light type (CE-EDB-A30)

High Entrance Height 2000mm



Entrance

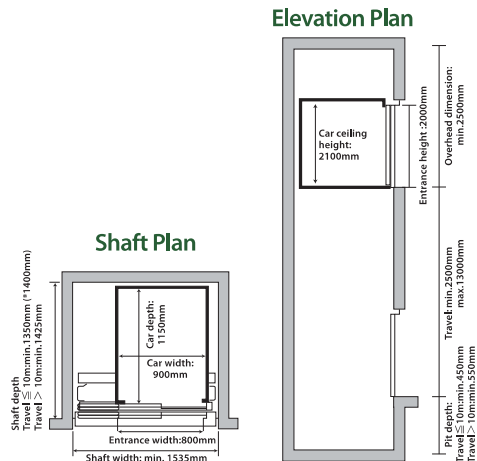
- Doors/frame: Coated steel plate
- Windows: Gray smoked plastics

* Down Light frame is the same color as Telephone Box

SED300S Basic Specifications

Item	SED300S
Usage	Passenger (For Private House)
Number of Persons	4
Rated Capacity(kg)	300
Rated Speed(m/min)	18
Driving System	Basement Drum Type
Control System	VVVF Inverter Drive
Power Supply	Drive & Lighting Single-Phase 210V-220V-230V-240V
	2-Wired
Motor Capacity(kW)	2.6
Maximum Number of Stops	5
Maximum Travel(m)	13
Door Type	2-Panel Side Sliding
Ceiling Type	LED Down Light Type LED Rectangle Cover Light Type

(NOTE) Applicable Standard: Manufacturer's Standard
Starting Frequency is 50 times/day



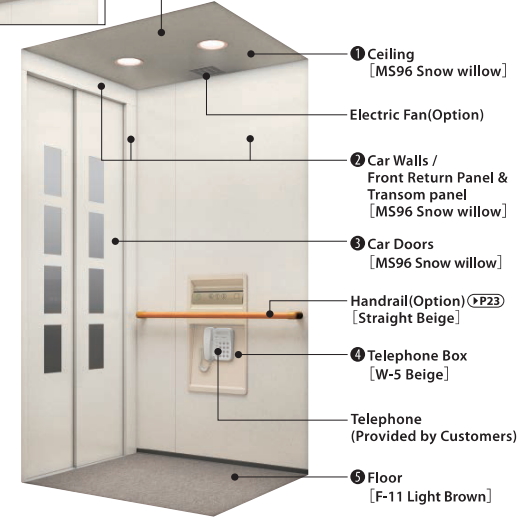
* In case that "Double Isolation unit for Absorbing Vibration and Sound" is applied.

Color Application

LED Rectangle Cover Light type (CE-EDB-A30)



LED Down Light Type (CE-EDB-C30)



6 Entrance Doors / Door Frame [MS96 Snow willow]



Windows : Gray Smoked Plastics

[ATTENTION!!!]

Installation of a telephone inside the car is highly recommended to call for help in an emergency.

1 Ceiling				2 Car Walls / Front Return Panel & Transom Panel		4 Telephone Box	
Coated Steel Plate				Stainless Plate (Option)	Plastics		
Urban Black Mahogany MS90	Cream Marble MS95	Snow Willow MS96	Pure White MS78	Hairline SUS-HL	Beige W-5	Black W-6	

3 Car Doors			6 Entrance Doors / Door Frame			
Coated Steel Plate						
Urban Black Mahogany MS90	Dark Mahogany MS91	Brown Cherry MS92	Camel Walnut MS93	Ecru Beige Maple MS94	Cream Marble MS95	Snow Willow MS96
Pure White MS78	Hairline SUS-HL	Titan Gold (Hairline) MG-GH1	Etching MD-102	Etching MD-401	Etching MD-105	Etching MD-143

5 Floor		Vinyl Floor Tile		Wood (Option)	
Carpet					
Light Brown F-11	Gray F-12	Natural Cherry F-16	Dark Brown Oak F-17	Natural Oak F-6	Casual Oak F-7

Actual Color may differ slightly from those shown.



3 Persons (200kg)



LED Lighting

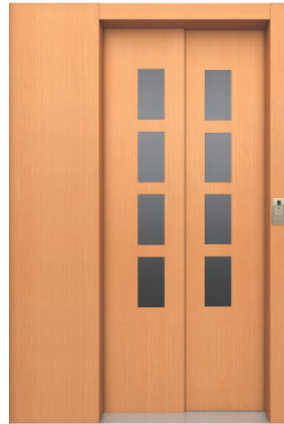
Car Ceiling Height 2000mm

Electric Fan(Optional)
LED Down Light Type (CE-EDB-C30)



LED Rectangle Cover Light type (CE-EDB-A30)

Entrance Height 1900mm



Entrance

•Doors/frame: Coated steel plate
•Windows: Gray smoked plastics

Car Design

- Ceiling: Coated Steel Plate
- Car Wall/ Front Return Panel & Transom Panel: Coated Steel Plate
- Car Doors: Coated Steel Plate
- Windows: Gray smoked Plastics
- Floor: Vinyl Floor Tile
- Kickplate: Gray Plastics
- Lighting: LED Lighting
- Telephone Box: Plastics
- Electric Fan(Optional)
- Handrail(Optional): **XP23** Wood
- Telephone(Provided by customers)

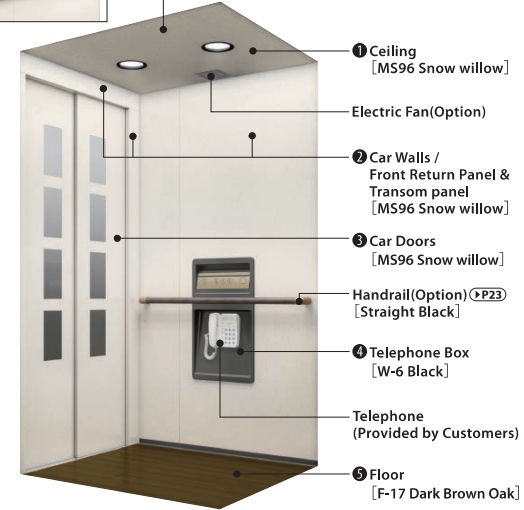
* Down Light frame is the same color as Telephone Box
• 100mm Higher Car Ceiling Height and Entrance Height is available as an Option

Color Application

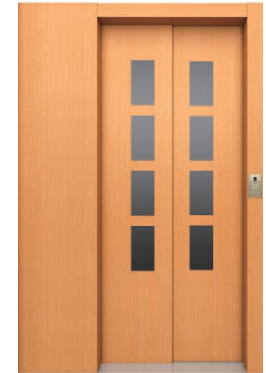
LED Rectangle Cover Light type (CE-EDB-A30)



LED Down Light Type (CE-EDB-C30)



⑥ Entrance Doors / Door Frame [MS96 Snow willow]



Windows : Gray Smoked Plastics

[ATTENTION!!]
Installation of a telephone inside the car is highly recommended to call for help in an emergency.

① Ceiling				② Car Walls / Front Return Panel & Transom Panel			④ Telephone Box	
Coated Steel Plate				Stainless Plate (Option)			Plastics	
Urban Black Mahogany MS90	Cream Marble MS95	Snow Willow MS96	Pure White MS78	Stainless Plate (Option)		Beige W-5	Black W-6	

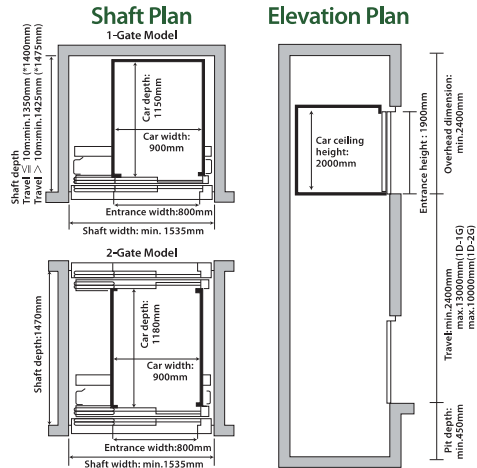
③ Car Doors			⑥ Entrance Doors / Door Frame			
Coated Steel Plate			Stainless Plate (Option)			
Urban Black Mahogany MS90	Dark Mahogany MS91	Brown Cherry MS92	Camel Walnut MS93	Ecru Beige Maple MS94	Cream Marble MS95	Snow Willow MS96

⑤ Floor					
Carpet		Vinyl Floor Tile		Wood (Option)	
Light Brown F-11	Gray F-12	Natural Cherry F-16	Dark Brown Oak F-17	Natural Oak F-6	Casual Oak F-7

SED200S Basic Specifications

Item	SED200S
Usage	Passenger (For Private House)
Number of Persons	3
Rated Capacity(kg)	200
Rated Speed(m/min)	18
Driving System	Basement Drum Type
Control System	VVVF Inverter Drive
Power Supply	Drive & Lighting Single-Phase 210V-220V-230V-240V
	2-Wired
Motor Capacity(kW)	2.3
Maximum Number of Stops	5
Maximum Travel(m)	1-Gate Model 13 2-Gate Model 10
Door Type	2-Panel Side Sliding
Ceiling Type	LED Down Light Type LED Rectangle Cover Light Type

(NOTE) Applicable Standard: Manufacturer's Standard
Starting Frequency is 50 times/day



* In case that "Double Isolation unit for Absorbing Vibration and Sound" is applied.

Actual color may differ slightly from those shown.

Actual Color may differ slightly from those shown.

Car Appearance

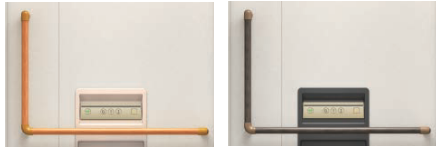
Handrail Option

Wood Type



Straight Beige (HR-RA0-S31W)

Straight Black (HR-RE0-S30B)



L-shaped Beige (HR-RA0-L30W)

L-shaped Black (HR-RE0-L30B)

Stainless Type



Straight (HR-EB0-S30S)

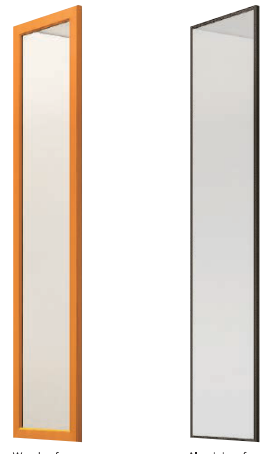
Straight (HR-EB0-S30S)

View Window Option

This large window allows natural light to enter the car to create an open feeling. Enjoy the scenery outside as you travel in the car.



Car Mirror Option

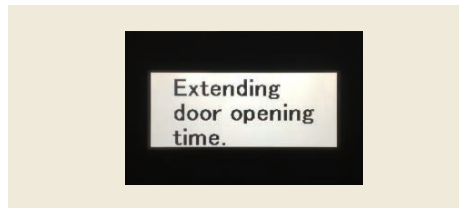


Wooden frame (MR-EDO-WL0-LGN)

Aluminium frame (MR-EDO-AB0-LGN)

Car Indicator Option

This panel displays information on the car's location and operating status.



Car Wall Protect Plate Option

A stainless steel guard can be installed to prevent the inside of the car from scratches by wheelchairs.



Specifications

Item	SVC200DX	SVC250L	SVC200	SED300S	SED200S
Unintended Car Movement Protection System ^{#1}	●(Minus Option)	○ ^{#2}	●(Minus Option)	—	—
Automatic Rescue Device for Power Failure(ARD) Landing on Nearest Lower Floor	●	●	●	●	●
Automatic Rescue Device for Power Failure(ARD) Landing on Bottom Floor	○	○	○	○	○
Multi-Beam Door Sensor(MBDS)	●	●	●	—	—
Door Safety Shoe	—	—	—	●	●
Safety Ray (2 Beams)	—	—	—	○	○
Overload Return Door System(ORS)	●	●	●	●	●
Nearest Landing operation for Minor Trouble(NLNO)	●	●	●	●	●
Next Drive Operation(NXTD)	●	●	●	●	●
Overload Detection System(OLDS)	●	●	●	●	●
Car Emergency Lighting(CEML)	●	●	●	●	●
Emergency Bell Button (Car Operating Panel)	●	●	●	●	●
ECO	●	●	●	●	●
Energy Saving Operation Mode	●	●	●	●	●
Automatic Turn Off of Elevator Light and Fan(ATFL)	●	●	●	●	●
ECO Mode Lamp(Hall Call button)	●	●	●	●	●
Handrail(Wood)	○	○	○	○	○
Handrail(Stainless Steel Hairline)	○	○	○	○	○
Stainless Mirror	●	—	—	—	—
Stainless Mirror(Titan Bronze Color)	○	—	—	—	—
Car Mirror(Wooden / Aluminium Frame)	—	○	○	○	○
Car Design	●	○	○	○	○
Electric Fan	●	○	○	○	○
Car Wall Protect Plate(Stainless Steel)	—	○	○	○	○
View Window(On Rear Wall Of The Car)	—	○	○	○	○
Stainless Plate(Car Ceiling)	—	○	○	○	○
Stainless Plate(Car Wall / Front Return Panel & Transom Panel)	—	○	○	○	○
Stainless Plate (Car Doors)	○	○	○	○	○
Floor	●	●	●	●	●
Floor(Carpet)	●	●	●	●	●
Floor(Vinyl Floor Tile)	●	●	●	●	●
Floor(Wood)	○	○	○	○	○
Car & Entrance Design	○	—	○ ^{#3}	—	○
2-Gate Model(Only One Side Opening at Each Floor)	○	—	○ ^{#3}	—	○
100mm Higher Car Ceiling Height & Entrance Height	○ ^{#3}	○ ^{#3}	○ ^{#3}	●	○
Wired Glass Windows (Car Doors / Entrance Doors)	○	○	○	○	○
Transparent Glass Windows (Car Doors / Entrance Doors)	○	○	○	○	○
Large Size Wired Glass Windows (Car Doors / Entrance Doors)	—	—	—	○	○
Triple Slit Windows (Car Doors / Entrance Doors)	○	○	○	—	—
Entrance Design	○	○	○	○	○
Stainless Steel Hairline (Entrance Doors / Door Frame)	○	○	○	○	○
Stainless Steel Etching (Entrance Doors / Door Frame)	○	○	○	○	○
Stainless Steel Titan Gold Hairline (Entrance Doors / Door Frame)	○	○	○	○	○
Function	●	●	●	●	●
Message Lamp(Car Operating Panel)	●	●	●	●	●
Extending Door Opening Time(3 Minutes)	●	●	●	●	●
Management Key Switch(Bottom Floor)	●	●	●	●	●
Additional Management Key Switch	○	○	○	○	○
Double Isolation unit for absorbing vibration and sound ^{#5}	—	—	—	○ ^{#6}	○
Earthquake Emergency Operation with P-wave Sensor ^{#4}	○	○	○	—	—
Earthquake Emergency Operation	—	—	—	○	○
Car Indicator ^{#4}	○	○	○	—	—
Fire Emergency Operation(FEMO)	○	○	○	○	○
Flood Emergency Operation	○	○	○	○	○
Non-Service Function(Key Switch Type)	○	○	○	—	—
Remote Control	○	○	○	○	○
Car Arrival Chime	○	○	○	○	○
Bleep Button	○	○	○	○	○
Pre-Determined Door Opening Time	○	○	○	○	○

^{#1} Required by the Building Standard Law of Japan

^{#2} Adding this option will not make the elevator compliant with the Building Standard Law of Japan

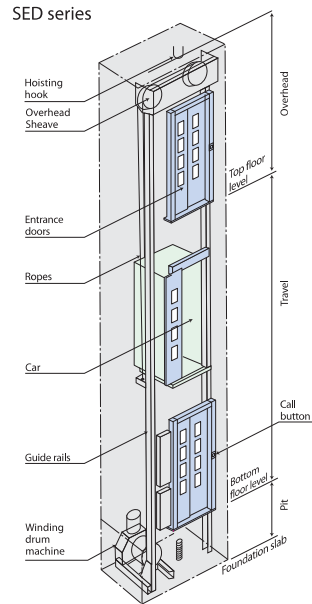
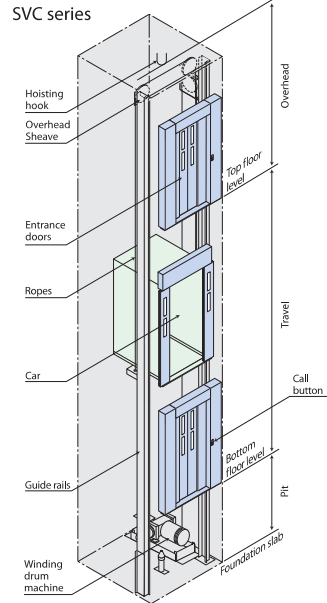
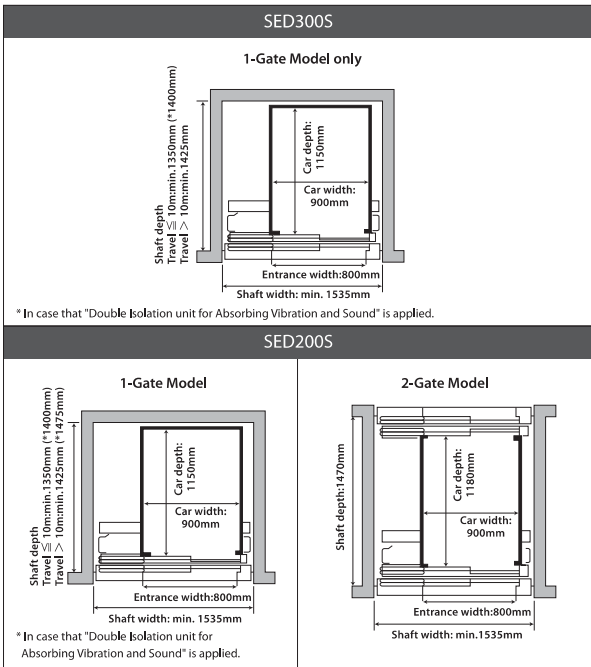
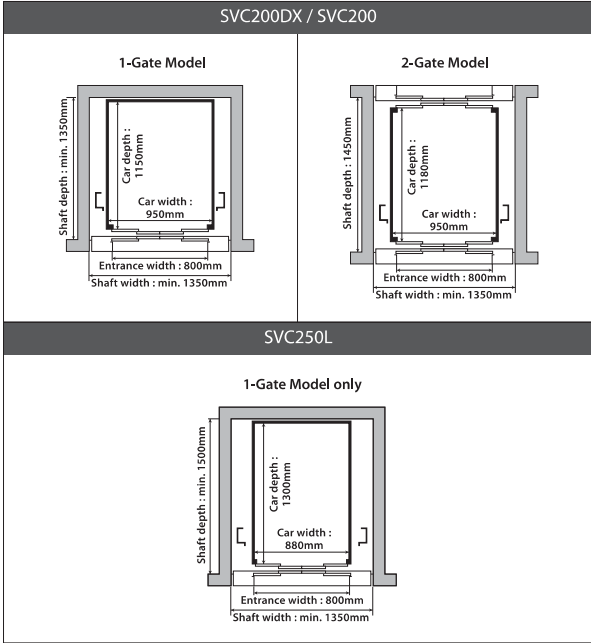
^{#3} Triple Slit Windows is applied

^{#4} Required by the Building Standard Law of Japan in case the travel is over 7m

^{#5} Double Isolation unit for absorbing vibration and sound shall be adopted for Maisonette residence

^{#6} Double Isolation unit for absorbing vibration and sound cannot be applied in case the travel is over 10m

●Standard ○Optional



Access here
<http://mh-he.com/HITACHI/>

Design Simulator enables to visualize the car/entrance design and to make spec. sheet automatically.

- < Available Browser >
- Internet Explorer 11
 - Safari

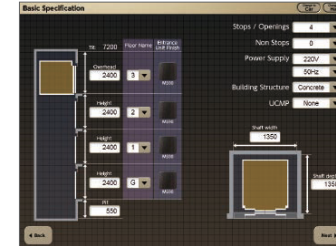
POINT 1 Car / Entrance Design

Car / Entrance Design can be selected quickly and users can visualize the actual design. In addition, any options can be selected.



POINT 2 Basic Information

Basic Information such as floor height, no. of stops and shaft dimension, etc., can be input easily.



POINT 3 Spec. Sheet

Spec. Sheet is also available to be printed automatically after carrying out POINT 1 and 2.

Item	Specified Value	Unit
PROJECT NAME	See (PG00001)1	
DATE	2023/03/17	
NO. OF TOTAL UNITS	1	
EQUIPMENT TYPE	HOME ELEVATOR (SC200)	
ESTIMATED DATE OF ARRIVAL AT SITE		
TYPE	Home Elevator	
CAPACITY	3 PASSENGERS / 200KG	
DRIVE	SC (SCREWDRIVE ELEVATOR)	
DOOR TYPE	Home Elevator	
DOOR	None	
POWER SUPPLY	VOLTAJE 220V FREQUENCIA 50Hz	
DRIVE POWER	475	
WINDING DRUM	4	
ROPE DIA.	φ 12	
FLOOR FINISH (ENTRY SIDE)	0501	
FLOOR FINISH (EXIT SIDE)	0501	
SHIELDING (RADIATION PROTECTION)	0501	
BUILDING STRUCTURE	Concrete	
FOUNDATION	None	
WINDING DRUM	475	
WINDING DRUM POWER (WATT)	475	
DRIVE MOTOR TYPE (VOLTAGE)	220V 50Hz	
DRIVE MOTOR TYPE (PHASE)	3	
DRIVE MOTOR TYPE (CURRENT)	3.7A	
DRIVE MOTOR TYPE (POWER)	810W	
DRIVE MOTOR TYPE (TORQUE)	0.45Nm	
DRIVE MOTOR TYPE (SPEED)	0.11m/s	
DRIVE MOTOR TYPE (ACCELERATION)	0.15m/s²	
DRIVE MOTOR TYPE (STOP)	0.3s	
DRIVE MOTOR TYPE (STOP)	0.3s	
DRIVE MOTOR TYPE (STOP)	0.3s	
DRIVE MOTOR TYPE (STOP)	0.3s	
DRIVE MOTOR TYPE (STOP)	0.3s	
DRIVE MOTOR TYPE (STOP)	0.3s	
DRIVE MOTOR TYPE (STOP)	0.3s	