

HITACHI
Inspire the Next

MODEL

Series-SVB200
Series-SED200

Home Elevators

Luxury and convenience in your home



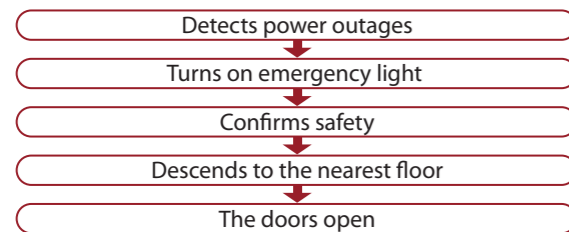
With Our Home Elevator

Safety

Our products have a wide range of safety features to give you peace of mind.

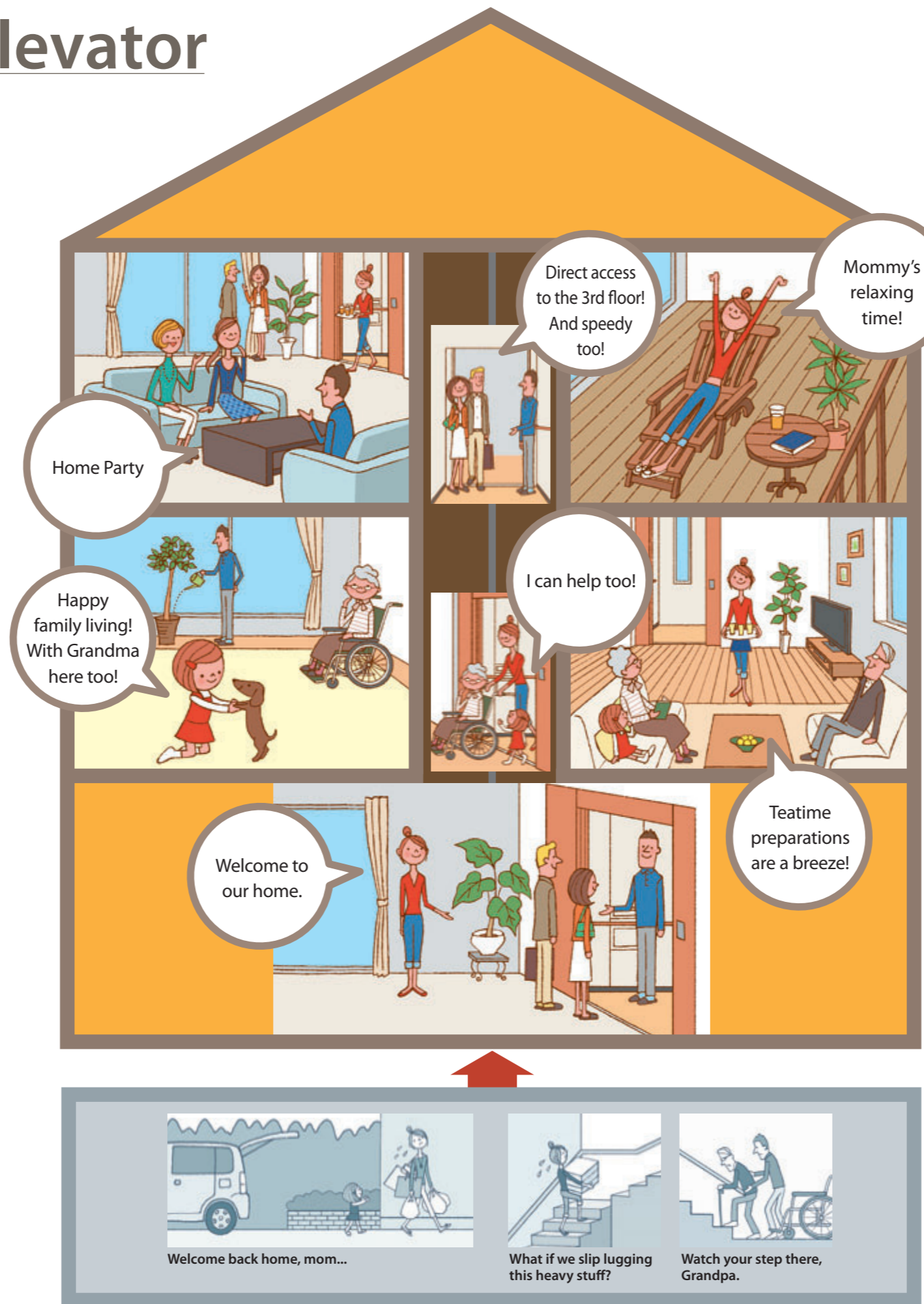
Automatic Rescue Device for Power Failure [ARD]

If the power goes out while you are using the elevator, you don't have to worry about being stuck in a dark space. When a power outage does happen, battery power is used to turn on the emergency light, automatically descend to the nearest floor, where the doors will open.



Other Safety Features

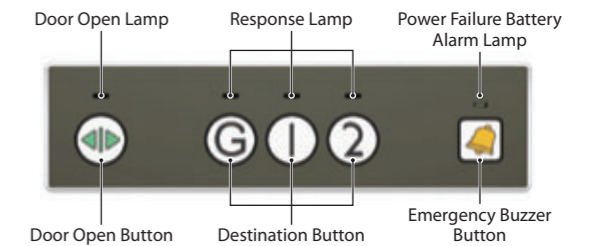
- (1) **Emergency Buzzer Button**
To inform your family in case of emergency.
- (2) **Overload Alarm Buzzer**
The alarm buzzes and stay doors open when overload.
- (3) **Entrance Door Lock Device**
Entrance door is automatically locked and never make doors open in the floor which the car is not been stopping at.
- (4) **Over Speed Limiting Device**
The car is electrically stopped in case of over speed.
- (5) **Safety Gear**
The car is mechanically stopped in case that even one of ropes is loosened.
- (6) **Limit Switch**
The car is electrically stopped in case of over run.
- (7) **Buffer**
To make impact shock smaller in case of over run.
- (8) **Next Drive Operation**
When the doors fail to open at the selected floor, the car lands at another floor and the doors open.
- (9) **Nearest Landing Operation for Minor Trouble**
Upon temporary troubles during operation, if safety equipment doesn't activate the car will automatically land at the nearest floor.
- (10) **Multi-Beam Sensor for SVB200 (2CO Type)**
The sensor consists of as many as 54 infrared light beams, and immediately reverses the closing doors when any of the beam is blocked.
- (11) **Door Safety Shoe for SED200 (2S Type)**
Door safety shoe detects passengers or objects during doors closing.



User Friendly

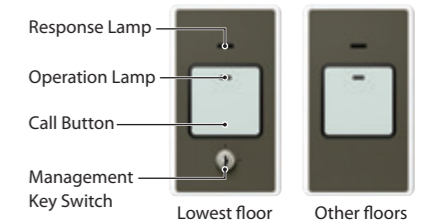
Car Operating Panel

Our easy-to-read Car Operating Panel is installed on the side wall at a lower position for especially wheel chair users. Your destination can be registered with only a simple touch, and the Response Lamp lights up when your call has been registered.



Call Button

Large-size buttons are adopted for easier floor selection. Complementing the response lamp, meanwhile, is an operation lamp. All buttons are highly visible even in dim lighting, enabling passengers to confirm riding conditions.



Extending of Door Opening Time

With the doors open, pressing the call button or "open" button inside the car keeps the doors open for up to 3 more minutes. This is helpful when carrying heavy loads or other occasions requiring time to get on and off.

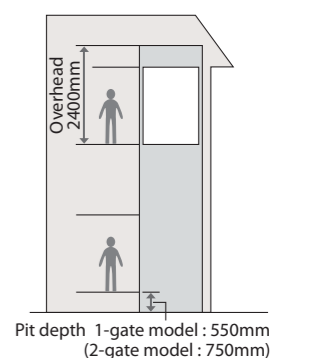
Remote Control (Option)

One-touch remote control can be used to summon the elevator even when some distance from the door. Please refer to page 6 for details.

Saving Solutions

Space-Saving Solutions

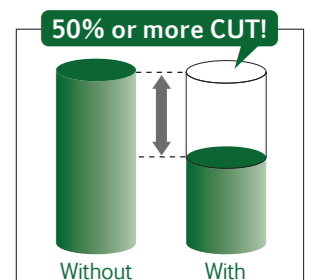
To eliminate the need for a separate machine room, a "Machine Room-less concept" is adopted, whereby the driving machine is installed inside the shaft, and the control panel is installed inside the Hall-unit of the lowest floor. Furthermore, the overhead dimension and the pit depth have been minimized for the least building construction interface.



Energy-Saving (Option)

Energy-Saving Operation Mode helps reduce the figures on your energy bills.

Hitachi Home Elevators work hard to reduce wasteful electrical usage. In addition to a high-efficient motor, they feature an automatic illumination shutoff function and an energy-saving mode that dramatically reduces standby power consumption.



SVB200 (2CO Type)

SED200 (2S Type)



Car Cage

- Doors, Return / Transom Panel: Coated steel plate
- Wall, Ceiling: Coated steel plate
- Windows: Gray smoked plastics
- Floor: Carpet
- Kickplate: Gray plastics
- Lighting: Fluorescent lighting through milky white cover
- Car operating panel box: Plastic
- Handrail: Wood (Option)
- Telephone to be provided by customers

Entrance

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



Car Cage

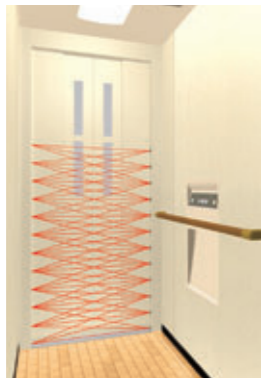
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Entrance

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

Multi-Beam Door Sensor for User Safety

A "Multi-Beam Door Sensor" which prevents users from being caught by closing doors is provided as a standard feature. The sensor consists of as many as 54 infrared light beams, and immediately reverses the closing doors when any of the beam is blocked.



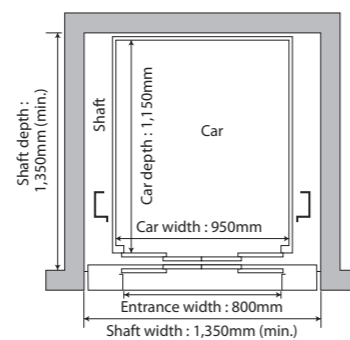
Wired Glass Windows (Option)

Wired glass windows allow passengers to be seen from outside the car cage.

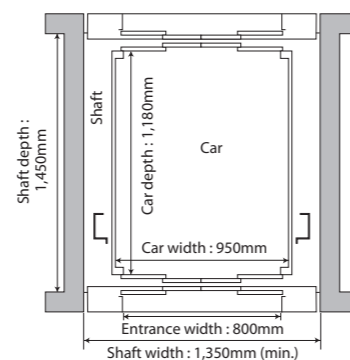


Elevator Shaft Dimensions

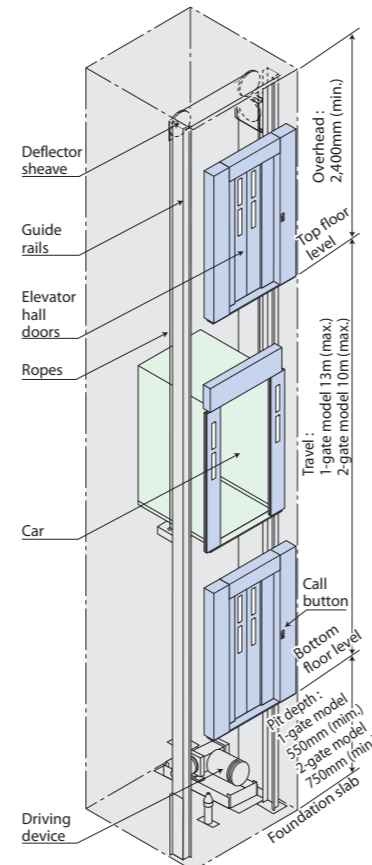
1-Gate Model



2-Gate Model



Installation and Dimensions



Door Safety Shoe

If passengers or objects come into contact with the safety shoe on the door edge when the door is closing, the door automatically opens to help maintain safe operation.



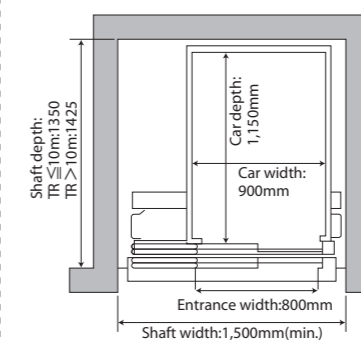
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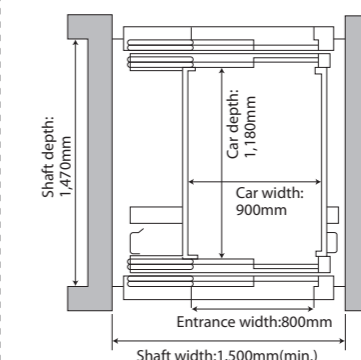


Elevator Shaft Dimensions

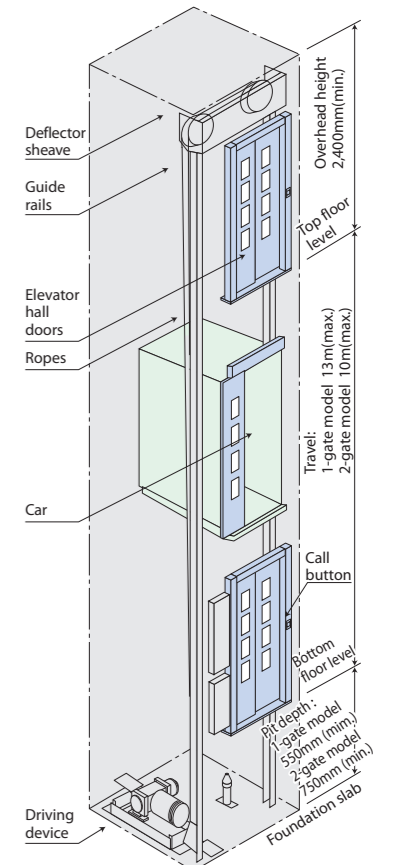
1-Gate Model



2-Gate Model



Installation and Dimensions



Specifications of Home Elevators

| Item | | SVB200 (2CO Type) | SED200 (2S Type) | |
|--------------------------------|-----------------|---------------------------|----------------------|----------------------------------|
| Use | | Passenger | | |
| Driving System | | Basement Drum Type | | |
| Number of Persons | | 3 | | |
| Rated Capacity (kg) | | 200 | | |
| Rated Speed (m/min) | | Up 20, Down 30 | 20 | |
| Control System | | VVVF Inverter Drive | | |
| Maximum Number of Stops | | 5 | | |
| Maximum Travel (m) | 1-Gate Model | 13 | | |
| | 2-Gate Model | 10 | | |
| Door Type | | 4-Panel Center Opening | 2-Panel Side Sliding | |
| Power Supply | Drive | Single-Phase 200V 3-Wired | | |
| | Lighting | Single-Phase 100V 2-Wired | | |
| Motor Capacity (kW) | | 2.6 | | |
| Car Internal Dimensions (mm) | Width | 950 | 900 | |
| | Depth | 1-Gate Model | 1,150 | |
| | | 2-Gate Model | 1,180 | |
| Height | 2,000 | | | |
| Entrance Dimensions (mm) | Width | 800 | | |
| | Height | 1,900 | | |
| Elevator Shaft Dimensions (mm) | Width (Minimum) | 1,350 | 1,500 | |
| | Depth | 1-Gate Model (Minimum) | 1,350 | TR ≤ 10m: 1350 TR > 10m: 1425 |
| | | 2-Gate Model | 1,450 | 1,470 |
| Minimum Pit Depth (mm) | 1-Gate Model | 550 | | |
| | 2-Gate Model | 750 | | |
| Minimum Overhead (mm) | | 2,400 | | |

Basic Specifications

| Item | | SVB200 (2CO Type) | SED200 (2S Type) |
|--|--|-------------------|------------------|
| Multi Beam Door Sensor [MBDS] | | ● | — |
| Door Safty Shoe | | — | ● |
| Overload Detection System [OLDS] | | ● | ● |
| Automatic Rescue Device for Power Failure [ARD] | | ● | ● |
| Management Key Switch | | ● | ● |
| Automatic Turn Off of Elevator Light and Fan [ATFL] | | ● | ● |
| Emergency Buzzer Button | | ● | ● |
| Car Emergency Lighting [CEML] | | ● | ● |
| Extending of Door Opening Time (3 Minutes) | | ● | ● |
| Next Drive Operation [NXTD] | | ● | ● |
| Overload Return Door System [ORS] | | ● | ● |
| Nearest Landing Operation for Minor Trouble [NLNO] | | ● | ● |
| Re-Leveling (Only for Travel > 10m) | | ● | ● |
| Rated Speed Down 30m/min | | ● | — |
| Floor (Carpet) | | ● | ● |
| Floor (Vinyl Floor Tile) | | ● | — |
| Floor (Wood) | | ○ | ○ |
| Long Slit Type Windows (Wired Glass Windows) | | ○ | — |
| Large Size Windows (Wired Glass Windows) | | — | ○ |
| Stainless Plate Type | | ○ | ○ |
| Energy-Saving Operation Mode | | ○ | ○ |
| Earthquake Emergency Operation (EEMO) | | ○ | ○ |
| Fire emergency Operation (FEMO) | | ○ | ○ |
| 2-Gate Model (Only One Side Opening at Each Floor)(Travel=MAX.10m) | | ○ | ○ |
| Additional Management Key Switch | | ○ | ○ |
| Electric Fan | | ○ | ○ |
| Handrail | | ○ | ○ |
| Mirror | | ○ | ○ |
| Wired Glass Windows | | ○ | ○ |
| Transparent Glass Windows | | ○ | ○ |
| Car Arrival Chime | | ○ | ○ |
| Remote Control | | ○ | ○ |
| Bleep Button | | ○ | ○ |
| Car Protect Plate | | ○ | ○ |
| View Window (In The Car Cage) | | ○ | ○ |
| Transformer | | ○ | ○ |

Specifications

Applicable Standard : Based on the Building Standard Law of Japan, but not fully complying with the Building Standard of Japan.
Note : Please consult our local agents for installing to the duplex building.

● : Standard ○ : Option — : Not applied

Convenient Function A Wide Selection of Optional Specifications

Room Mirror

You can check your appearance before going out. It is also a helpful way for you to check behind you if you are using a wheelchair. A large mirror also has the effect of making the elevator car look larger.



Wooden frame

Aluminium

Handrail

Supports the weight of elderly users and children. You can hold on to the handrail at the entrance of the car cage, and feel sure and comfortable in your hand.

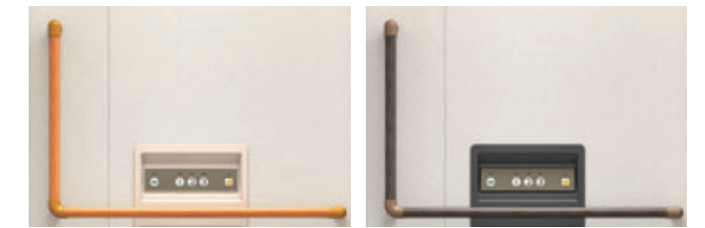
Straight models



Beige

Black

L-shaped models



Beige

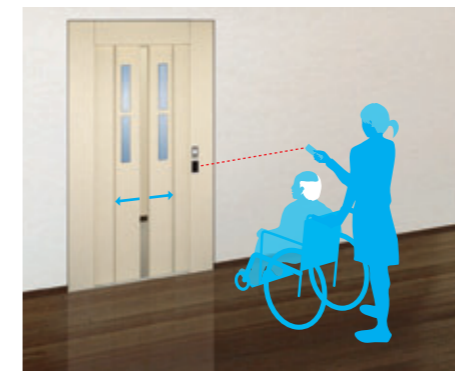
Black

Electric Fan

Refresh the air inside the car. If the button is not pressed for about 3 minutes, it automatically turns off to save energy.

Remote Control

One-touch remote control can be used to summon the elevator even when some distance from the door. Calling the elevator ahead of time saves on waiting time and irritation, and is also nice when caregivers have trouble directly pushing the hall button.



Car Arrival Chime

Sounds the chime immediately before the elevator comes to a stop to announce its arrival. The chime can be turned on and off using a switch located in the elevator car.

Additional Management Key Switch

One additional management key switch can be installed. This key switch is used to activate and deactivate the elevator.

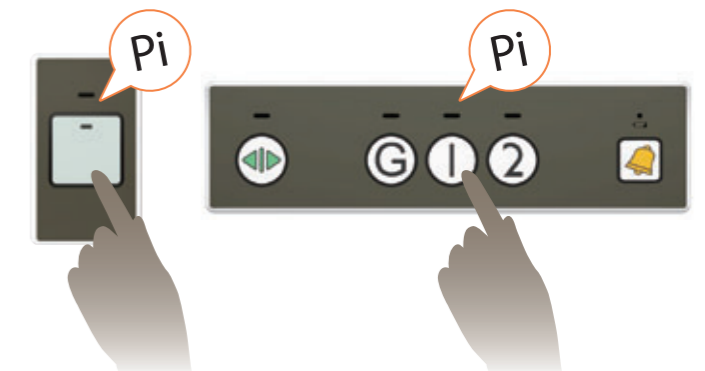
*A management key switch is usually installed on the lowest floor.



Additional management key switch

Bleep Button

When buttons such as the call buttons are pressed, and electronic tone sounds to indicate that the button has been pressed.



Car Protect Plate

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



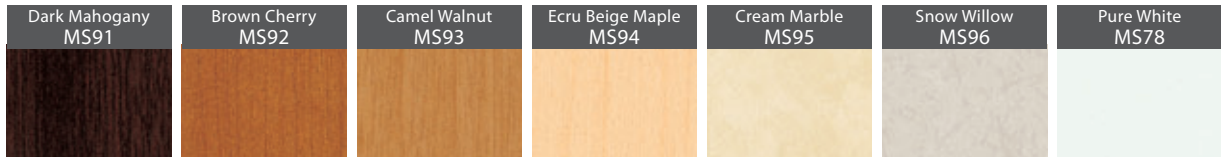
[ATTENTION!!]

We strongly recommend that you install a telephone inside the car cage so that you can call for help in the event of an emergency.

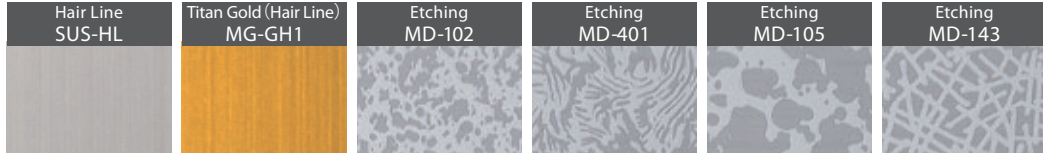
Color Samples

Entrance (Doors / Door Frame), Cage Doors

Coated Steel Plate Type



Stainless Plate Type (Option)

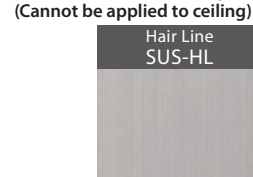


Wall, Ceiling, Return / Transom Panel

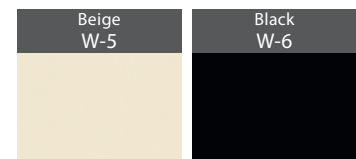
Coated Steel Plate Type



Stainless Plate Type (Option)

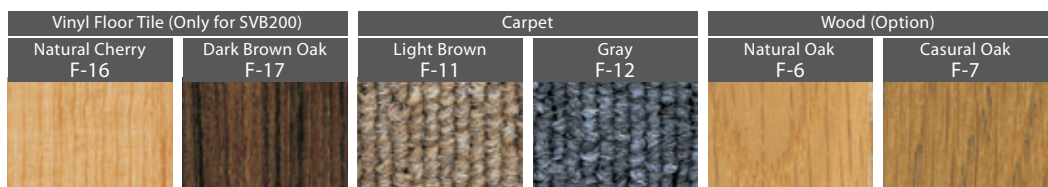


Car Operating Panel Box (Plastic)



※Handrail: Option

Floor



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