

MODEL

Series-SVC200

Home Elevators for Private House

Luxury and convenience in your home



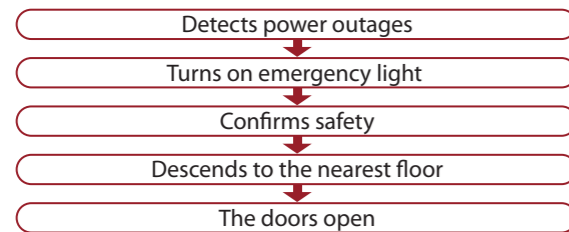
With Our Home Elevator

Safety

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

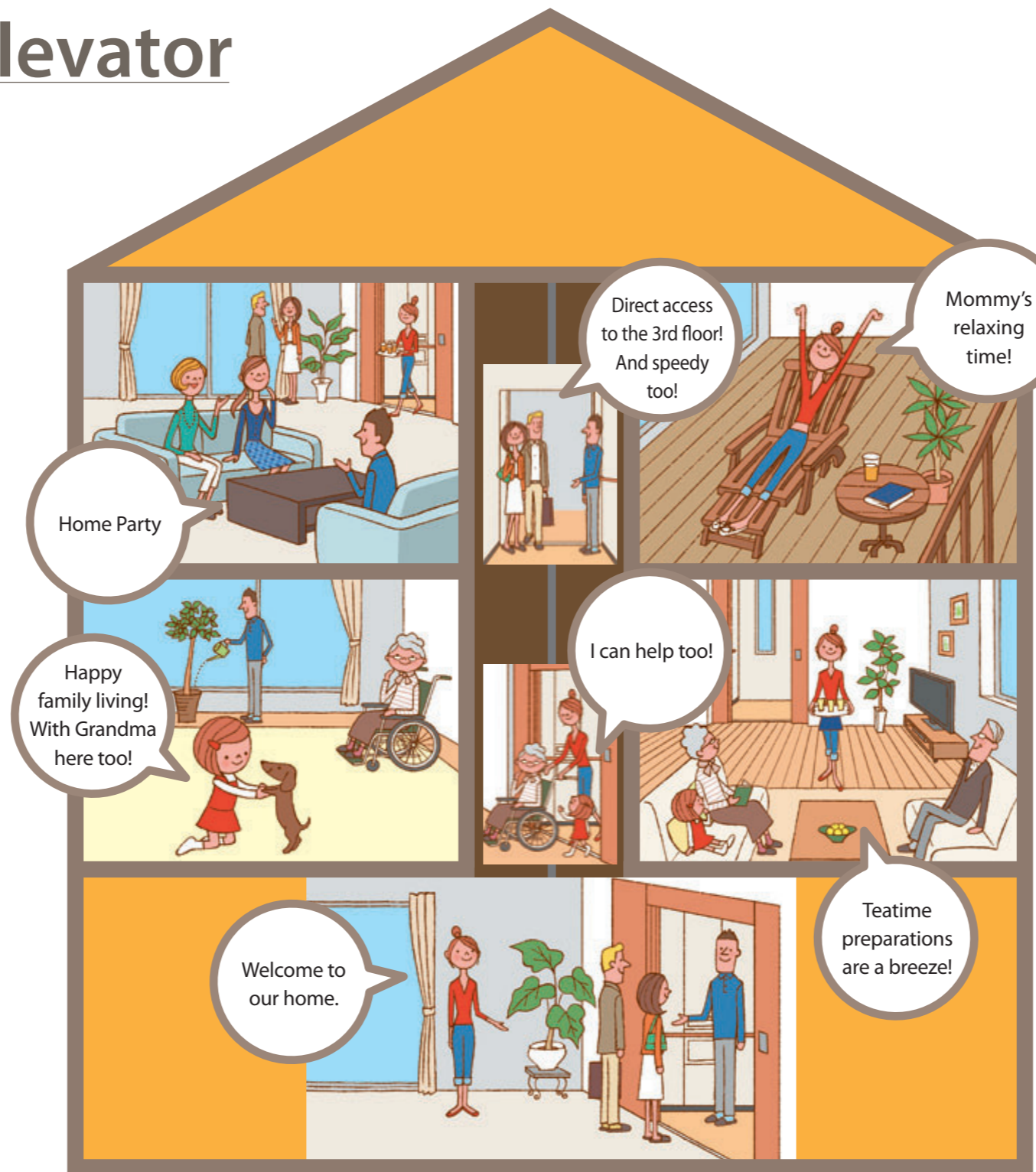
Automatic Rescue Device for Power Failure [ARD]

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

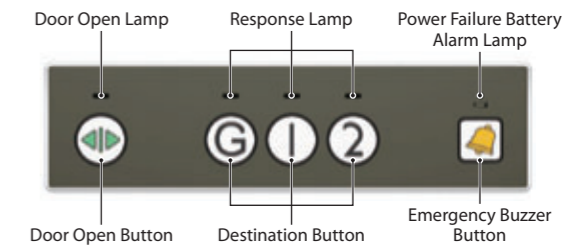
- (1) **Emergency Buzzer Button**
To inform your family in case of emergency.
- (2) **Overload Alarm Buzzer**
The alarm buzzes and stay doors open when overload.
- (3) **Entrance Door Lock Device**
Entrance door is automatically locked and never make doors open in the floor which the car is not been 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) **Unintended Car Movement Protection System (UCMP)**
To protect not to move the car by detecting "car movement and door open at the same time" through independent electrical circuit even if the operation controller circuit or the one brake happens failure. UCMP consists of double brake and brake switch etc.
- (11) **Multi-Beam Sensor**
The sensor consists of as many as 54 infrared light beams, and immediately reverses the closing doors when any of the beam is blocked.



User Friendly

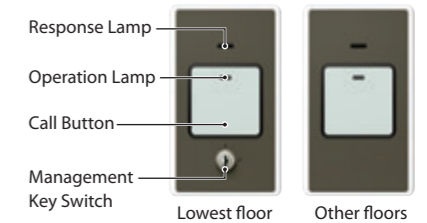
Car Operating Panel

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.

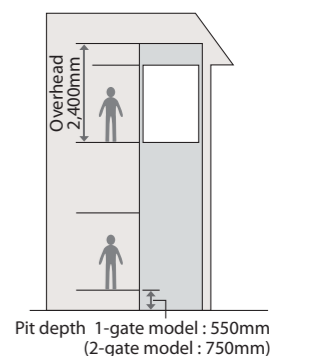
Remote Control (Option)

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

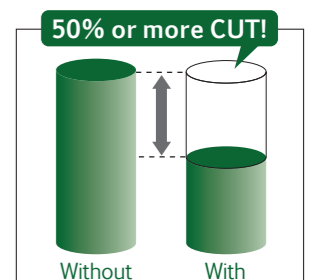
To eliminate the need for a separate machine room, a "Machine Room-less concept" is adopted, whereby the driving machine is installed inside the shaft, and the control panel is installed inside the Hall-unit of the lowest floor. Furthermore, the overhead dimension and the pit depth have been minimized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



Entrance Design

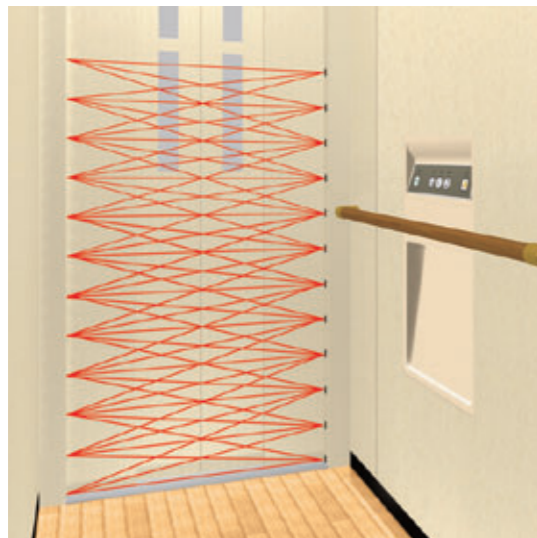
- Door frame/Doors: Coated steel plate
- Windows: Gray smoked plastics



※Triple Slit Windows : Option

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.



Car Design

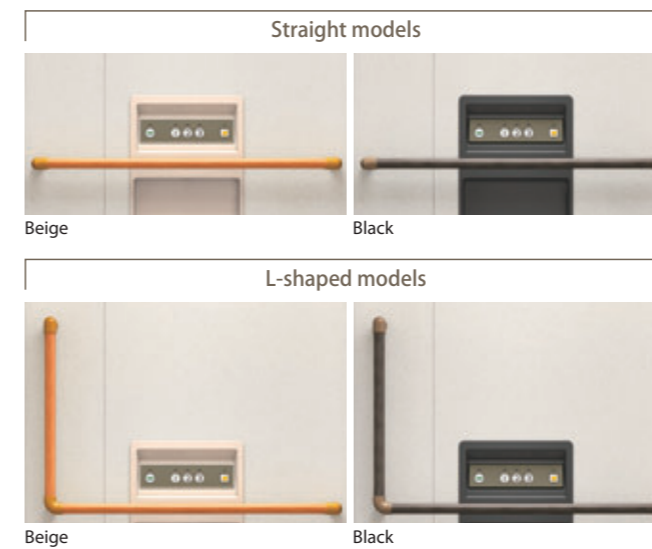
- Doors, Return / Transom Panel: Coated steel plate
- Wall, Ceiling: Coated steel plate
- Windows: Gray smoked plastics
- Floor: Carpet
- Kickplate: Gray plastics
- Lighting: Fluorescent lighting through milky white cover
- Car operating panel box: Plastic
- Handrail: Wood (Option)
- Telephone to be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



※Room Mirror : Option
 ※Electric Fan : Option

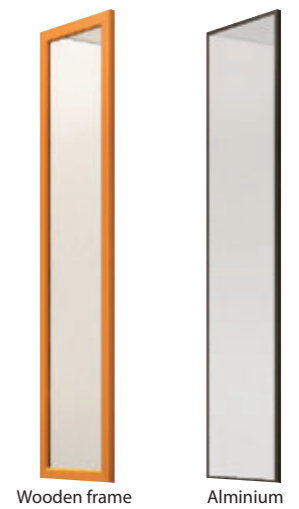
Handrail (Option)

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.



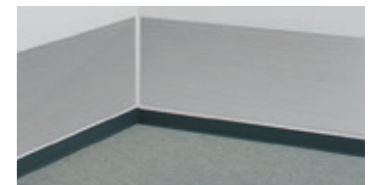
Room Mirror (Option)

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.



Car Protect Plate (Option)

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



Specifications of Home Elevators

Basic Specifications

Item		Passenger	
Use			
Driving System		Basement Drum Type	
Number of Persons		3	
Rated Capacity (kg)		200	
Rated Speed (m/min)		Up 20, Down 30	
Control System		VVVF Inverter Drive	
Maximum Number of Stops		5	
Maximum Travel (m)		10	
Door Type		4-Panel Center Opening	
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	
	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	
	Depth	1-Gate Model (Minimum)	1,350
		2-Gate Model	1,450
Minimum Pit Depth (mm)	1-Gate Model	550	
	2-Gate Model	750	
Minimum Overhead (mm)		2,400	

Applicable Standard : Comply with the Building Standard Law of Japan, 2009
NOTE : Please consult our local agents for installing to the duplex building.

Standard Specifications

Item
Multi Beam Door Sensor [MBDS]
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]
Unintended Car Movement Protection System (UCMP)
Floor (Carpet)
Floor (Vinyl Floor Tile)

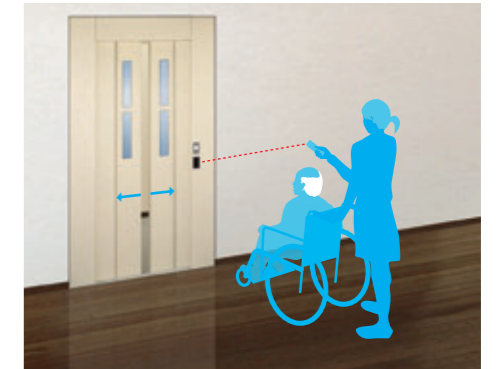
Optional Specifications

Item
Energy-Saving Operation Mode
Earthquake Emergency Operation with P-wave Sensor #1
Car Indicator #1
Fire Emergency Operation (FEMO)
2-Gate Model (Only One Side Opening at Each Floor)
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
Stainless Plate Type (Only Entrance Doors / Door Frame)
Floor (Wood)
Triple Slit Windows
Flood Emergency Return
Non-Service Function (Key Switch Type)

#1 : This feature is recommended by Building Standard Low of Japan 2009 in case the travel is over 7m.

Remote Control

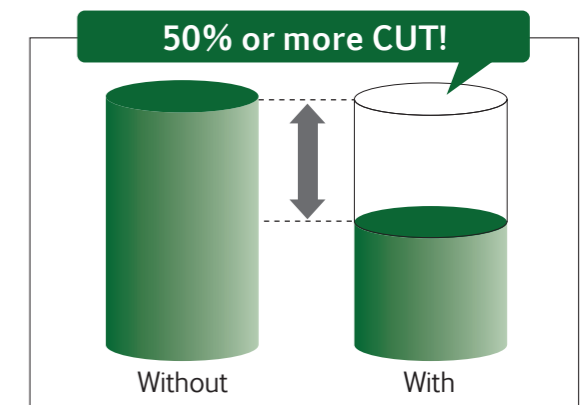
One-touch remote control can be used to summon the elevator even when some distance from the door. Calling the elevator ahead of time saves on waiting time and irritation, and is also nice when caregivers have trouble directly pushing the hall button.



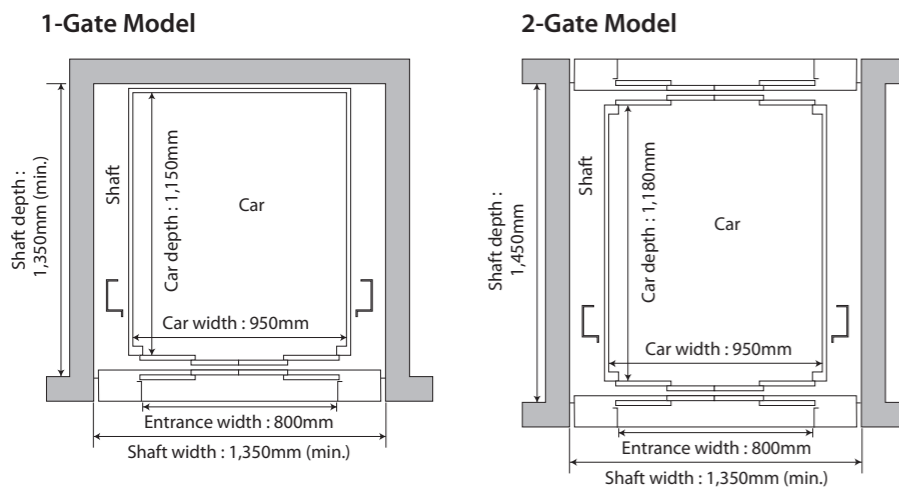
Energy-Saving Operation Mode

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

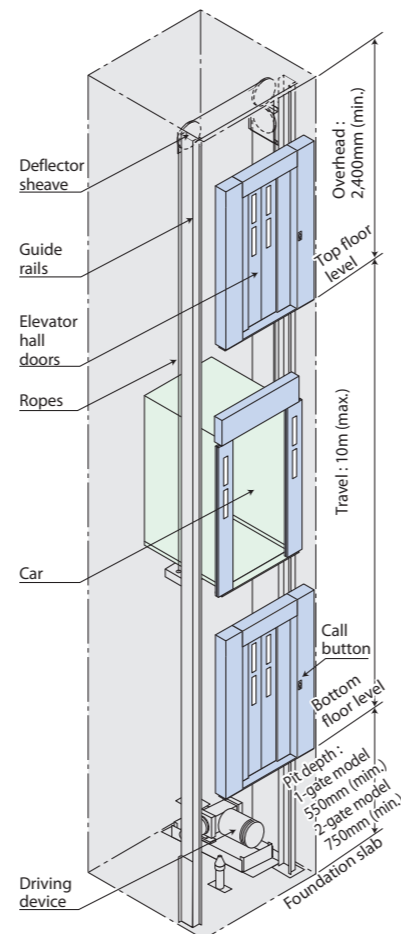
Hitachi Home Elevators work hard to reduce wasteful electrical usage. In addition to a high-efficient motor, they feature an automatic illumination shutoff function and an energy-saving mode that dramatically reduces standby power consumption.



Elevator Shaft Dimensions



Installation and Dimensions



Additional Management Key Switch

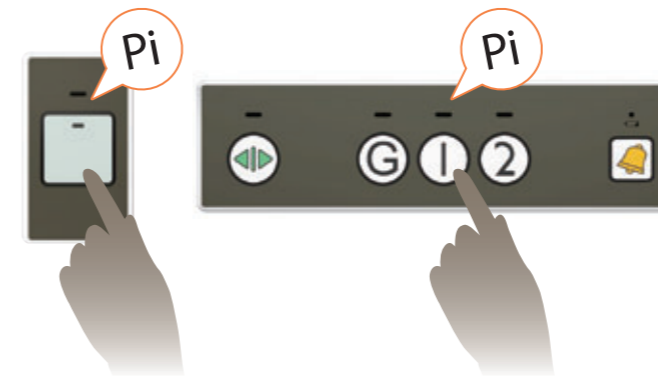
One additional management key switch can be installed. This key switch is used to activate and deactivate the elevator.

*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.



[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.

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.

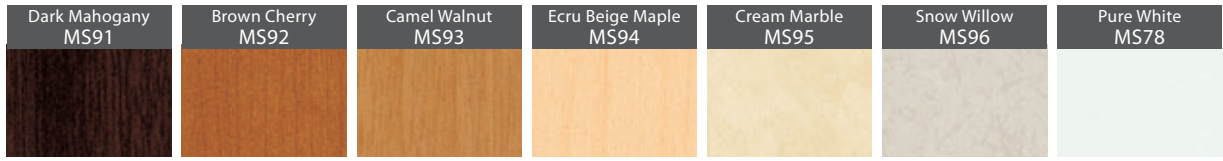
Car Arrival Chime

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.

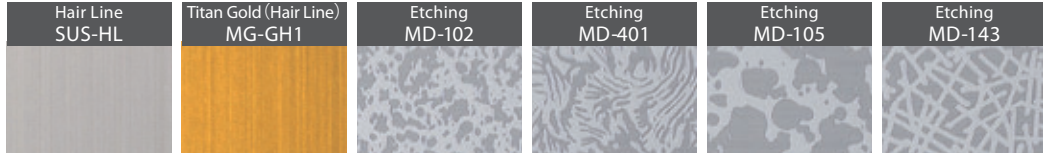
Color Samples

Entrance (Doors / Door Frame), Cage Doors

Coated Steel Plate Type



Stainless Plate Type (Option) [Only Entrance Doors / Door Frame]

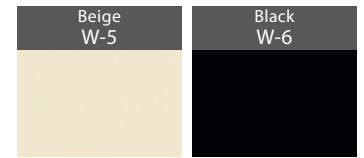


Wall, Ceiling, Return / Transom Panel

Coated Steel Plate Type

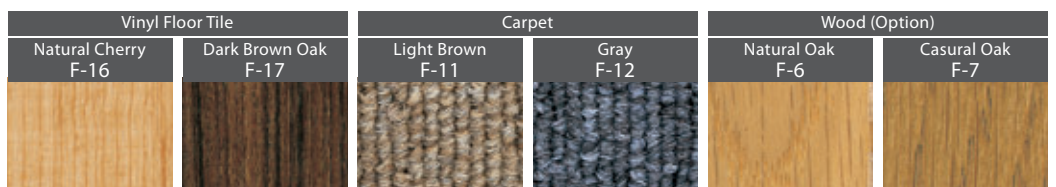


Car Operating Panel Box (Plastic)



※Handrail : Option
※Electric Fan : Option

Floor



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