

HITACHI
Inspire the Next

MODEL

Series-SED300S/SED200S

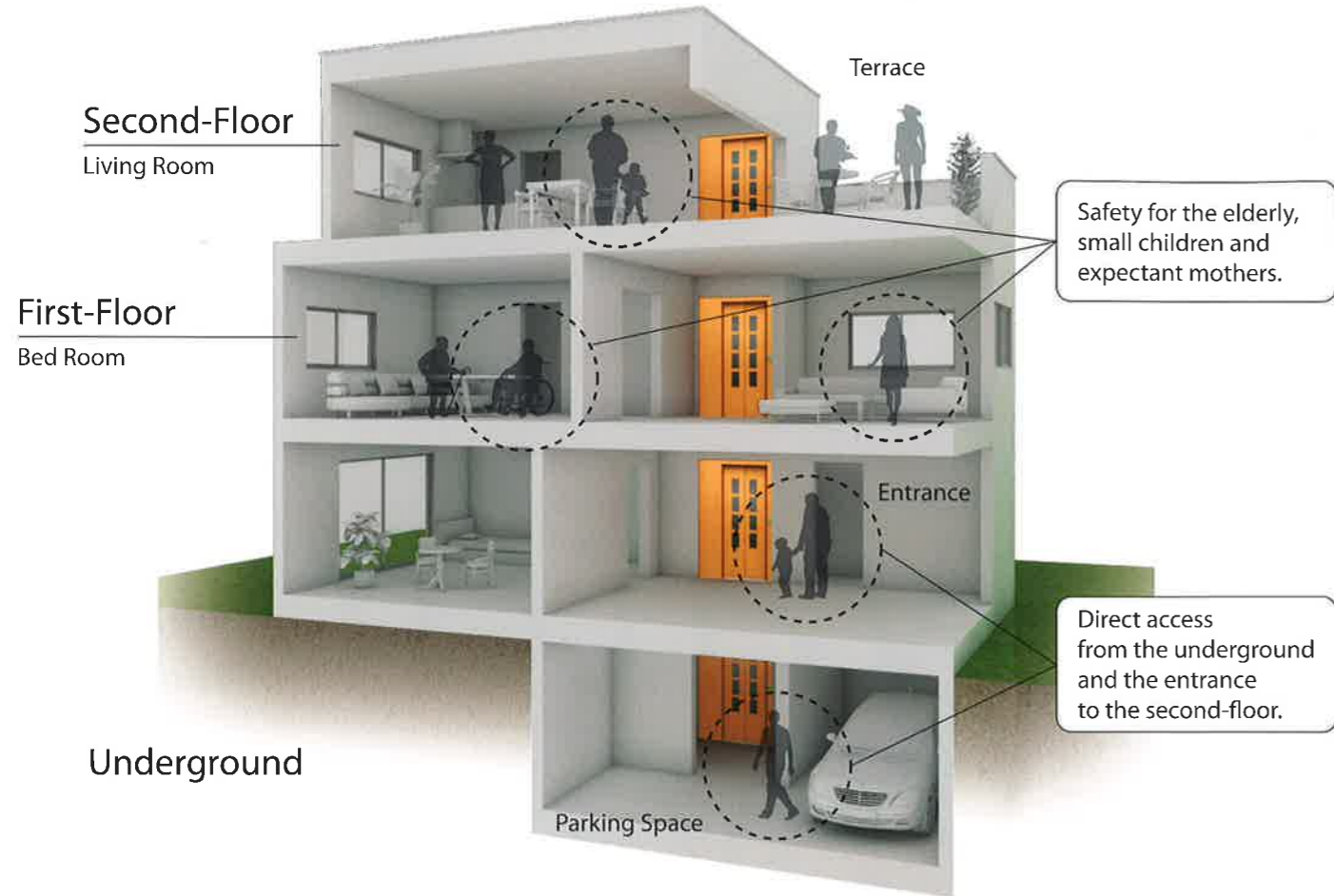
Home Elevators for Private House

Luxury and convenience in your home



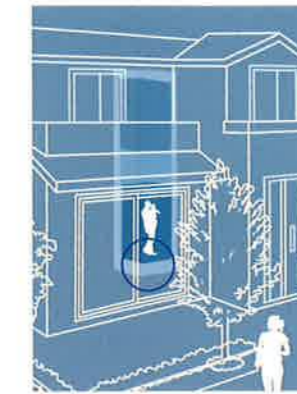
Raising the Quality of Your Lifestyle

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



Maximum Use of Available Space

Installation Proposals in Buildings with Limited Pit Depth

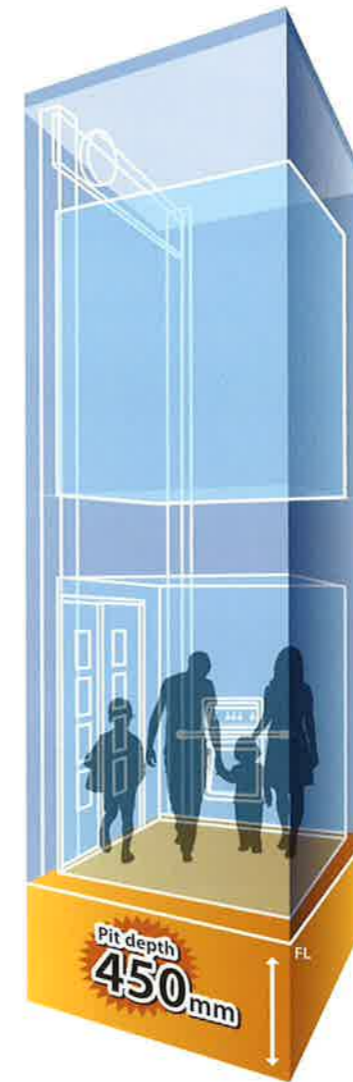


For Private House

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

For Maisonette Residence

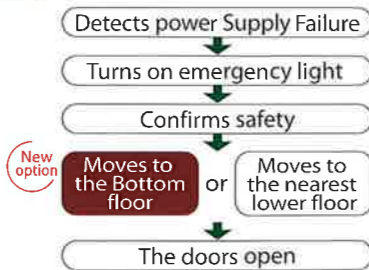
Nowadays, installation of home elevators in Maisonette residence has been growing in popularity. This elevator model offers the optimum choice for use in buildings with limited vertical space.



Safety

Automatic Rescue Device For Power Failure(ARD) and Emergency Car Lighting Standard feature

Upon electric power supply failure, a car automatically moves to the nearest lower floor or bottom floor (Option), and doors open 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 providing minimum level of lighting within a car by the rechargeable battery.



Door Safety Shoe Standard feature

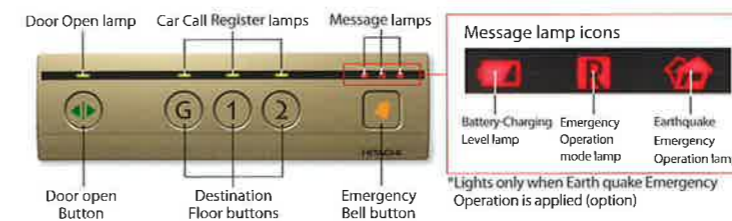
If passengers or objects come into contact with the safety shoe on the door edge when the door is closing, the door automatically re-opens to ensure safe operation, as a standard feature.



Comfort

Car Operating Panel(M-CBH-040GF)

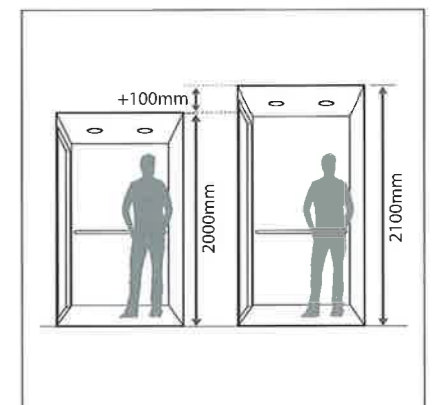
Car Operating Panel is located lower position on the side wall to easily operate by passengers. All words and numbers are displayed in large font for easy visibility. Door Open button, Emergency Bell button and Destination Floor buttons are simple push type. And Message lamps of Battery Charging Level,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



NEW 100mm Higher Car Ceiling Height and Entrance Height Option

For all type of car designs, 2100mm Car ceiling height and 2000mm Entrance height can be applied to feel comfortable atmosphere.

*SED300S is the standard specification, SED200S is available as an option.



Energy-Saving and ECO Functions

NEW LED Car Lighting

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

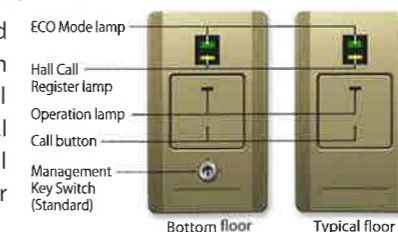
Energy Saving Standard feature

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.



Hall Call Button(M-HBE-040GJ)

Large size button of 44mm X 44mm 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.



SED300S



High Car Ceiling Height 2,100mm

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



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

High Entrance Height 2,000mm



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:Carpet
- Kickplate:Gray Plastics
- Lighting:LED Lighting
- Telephone Box:Plastics
- Electric Fan(Optional)
- Handrail(Optional): Wood
- Telephone(Provided by customers)

SED300S Basic Specifications

Item	SED300S	
Usage	Passenger (For Private House)	
Number of Persons	4	
Rated Capacity(kg)	300	
Rated Speed(m/min)	20	
Driving System	Basement Drum Type	
Control System	VVVF Inverter Drive	
Power Supply	Drive&Lighting Single-Phase 210V•220V•230V•240V	
Motor Capacity(kW)	2-Wired 2.6	
Maximum Number of Stops	4	
Maximum Travel(m)	10	
Door Type	2-Panel Side Sliding	
Ceiling Type	LED Down Light Type LED Rectangle Cover Light Type	
Car Internal Dimensions(mm)	Width	900
	Depth	1,150
	Height	2,100
Elevator Shaft Dimensions(mm)	Width(Min.)	1,535
	Depth(Min.)	1,350
Entrance Dimensions(mm)	Width	800
	Height	2,000
Minimum Pit Depth(mm)	450	
Minimum Overhead Dimensions(mm)	2,500	

*1 In case of Double Isolation unit for absorbing vibration and sound(Optional) applied.

Car Operating Panel



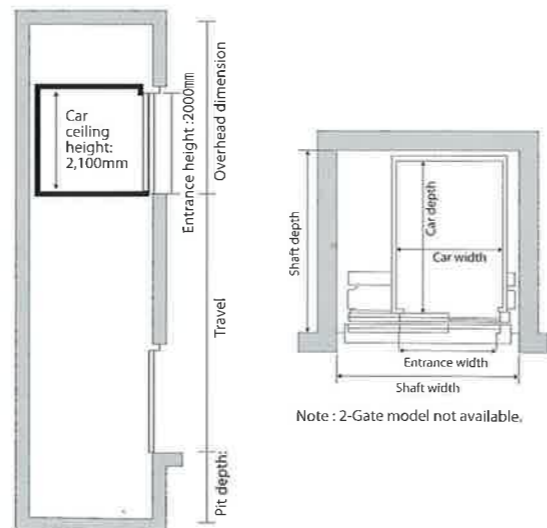
(M-CBH-040GF)

Hall Call Button



(M-HBE-040GJ)

Elevator Shaft Plan



SED200S



Car Ceiling Height 2,000mm

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



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

Entrance Height 1,900mm



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): Wood
- Telephone(Provided by customers)

*100mm Higher Car Ceiling Height and Entrance Height is available as an Option

SED200S Basic Specifications

Item	SED200S	
Usage	Passenger (For Private House)	
Number of Persons	3	
Rated Capacity(kg)	200	
Rated Speed(m/min)	20	
Driving System	Basement Drum Type	
Control System	VVVF Inverter Drive	
Power Supply	Drive&Lighting Single-Phase 210V•220V•230V•240V	
Motor Capacity(kW)	2-Wired 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	
Car Internal Dimensions(mm)	Width	900
	Depth	1-Gate Model 1150 2-Gate Model 1180
	Height	2,000(Standard) / 2,100(Optional)
Elevator Shaft Dimensions(mm)	Width(Min.)	1,535
	1-Gate Model	TR≤10m 1,400*1
	Depth (Minimum)	TR>10m 1,425 1,475*1
Entrance Dimensions(mm)	2-Gate Model Depth	1,470
	Width	800
Minimum Pit Depth(mm)	Height	1,900(Standard) / 2,000(Optional)
	1-Gate Model	450
Minimum Overhead Dimensions(mm)	2-Gate Model	650
	Car Ceiling Height:	2,400
	2,000mm(Standard)	2,400
	Car Ceiling Height:	2,500
	2,100mm(Optional)	2,500

*1 In case of Double Isolation unit for absorbing vibration and sound(Optional) applied.

Car Operating Panel



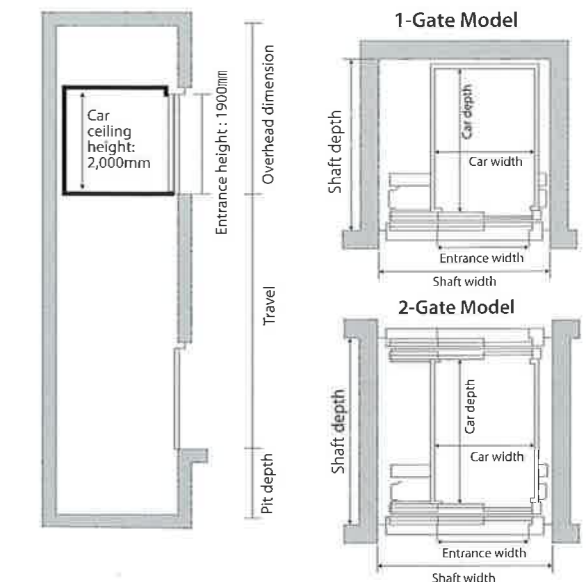
(M-CBH-040GF)

Hall Call Button



(M-HBE-040GJ)

Elevator Shaft Plan



Actual color may differ slightly from those shown.

Functions

ECO Mode(Energy-Saving) Standard

When the elevator is not used for passed certain period, the car light, electric fan(option) is 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 on Hall call button 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.

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.



Additional management key switch

Typical floor

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.



Bleep Button Option

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

Electric fan Option

Providing Electric fan as optional feature.

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.

Additional Application

Wired Glass Windows Option

Wired Glass Windows allow passengers to be seen from outside the car.



Windows:Wired Glass Window



Windows:Wired Glass Large Size Window

Car Mirror Option



Wooden frame MR-ED0-WL0-LGN



Aluminium frame MR-ED0-AB0-LGN

Handrail

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)

Car Wall Protect Plate Option

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



Color Application

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



LED Down Light Type (CE-EDB-C30)



① Ceiling

Electric Fan(Optional)

② Car Walls / Front Return Panel & Transom panel

③ Car Doors

Handrail(Optional)

④ Telephone Box

Telephone (Provided by Customers)

⑤ Floor

⑥ Entrance Doors / Door Frame



Windows : Gray Smoked Plastics

① Ceiling ② Car Walls / Front Return Panel & Transom Panel

Coated Steel Plate			Stainless Plate (Option)
Cream Marble MS95	Snow Willow MS96	Pure White MS78	Hair Line SUS-HL

④ Telephone Box

Plastics	
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
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

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

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

Actual Color may differ slightly from those shown.

Specifications (SED300S/SED200S)

Specifications			
	Item	SED300S	SED200S
Safety feature	Automatic Rescue Device for Power Failure(ARD) Landing on nearest lower Floor	●	●
	Automatic Rescue Device for Power Failure(ARD) Landing on Bottom Floor	○	○
	Door Safety Shoe	●	●
	Overload Return Door System(ORS)	●	●
	Nearest Landing Operation for Minor Trouble(NLNO)	●	●
	Next Drive Operation(NXTD)	●	●
	Overload Detection System(OLDS)	●	●
ECO	Car Emergency Lighting(CEML)	●	●
	Emergency Bell Button(Car Operating Panel)	●	●
	Energy Saving Operation Mode	●	●
	Automatic Turn Off of Elevator Light and Fan(ATFL)	●	●
Car Design	ECO Mode Lamp(Hall Call button)	●	●
	Handrail	○	○
	Car Mirror	○	○
	Electric Fan	○	○
	Car Wall Protect Plate(Stainless Steel)	○	○
	View Window(On rear wall of the car)	○	○
	Stainless Plate(Car Ceiling)	○	○
Floor	Stainless Plate(Car Wall / Front Return Panel & Transom Panel)	○	○
	Stainless Plate (Car Doors)	○	○
	Floor(Carpet)	●	●
Car & Entrance Design	Floor(Vinyl Floor Tile)	●	●
	Floor(Wood)	○	○
	2-Gate Model(Only One Side Opening at Each Floor)	—	○
	100mm Higher Car Ceiling Height and Entrance Height	●	○
	Wired Glass Windows(Car Doors / Entrance Doors)	○	○
Entrance Design	Transparent Glass Windows(Car Doors / Entrance Doors)	○	○
	Wired Glass Large Size Windows(Car Doors / Entrance Doors)	○	○
	Stainless Plate (Entrance Doors / Door Frame)	○	○
Function	Message lamp(Car Operating Panel)	●	●
	Re-leveling	●	●(Only for TR>10m)
	Extending Door Opening Time(3 Minutes)	●	●
	Management Key Switch(Bottom Floor)	●	●
	Double Isolation unit for absorbing vibration and sound#1	○	○
	Earthquake Emergency Operation	○	○
	Fire Emergency Operation(FEMO)	○	○
	Additional Management Key Switch	○	○
	Remote Control	○	○
	Car Arrival Chime	○	○
	Bleep Button	○	○
Pre-Determined Door Opening Time	○	○	

#1 Double Isolation unit for absorbing vibration and sound shall be adopted for Maisonette residence

●Standard ○Optional

<NOTE for Maisonette-Style Residence case>

- Slab thickness beneath the pit should be 200mm or more, and strength 2.6 X 10⁴ N or more
- Utilize levels directly below pit floors as storage room or the spaces with limited access by people.
- When use for other purposes is unavoidable, adopt double slabs 200mm or more in thickness and 2.6 X 10⁴ N or more in strength
- Please consult our local agents for details.

NOTE) •Applicable Standard: Maker Standard

- No fuse breaker for home elevator shall be inverter-compatible model supplied by others

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