

HOME ELEVATORS

MODEL

Series-SED300S/SED200S

Home Elevators for Private House

Luxury and convenience in your home

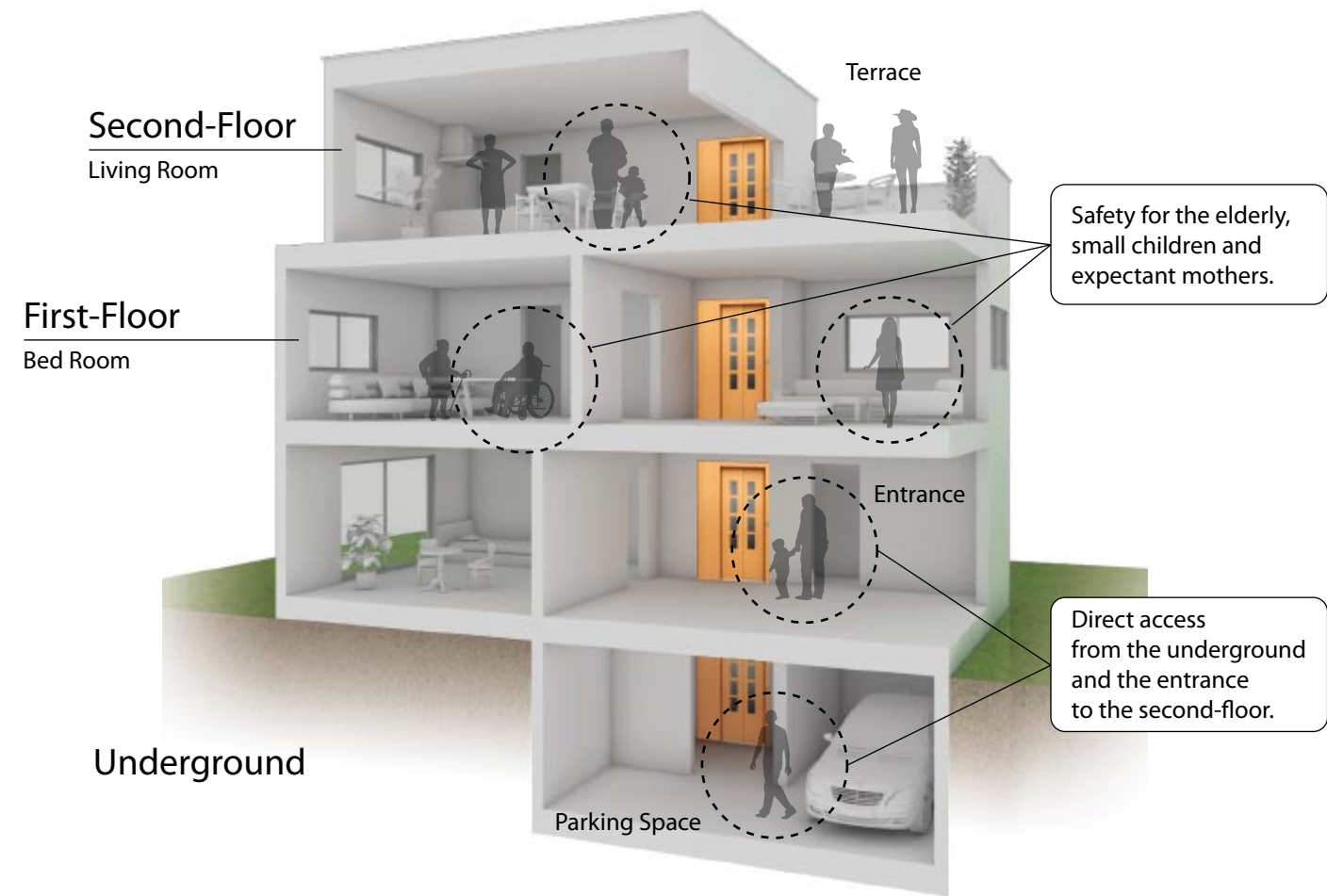


for a greener tomorrow



Raising the Quality of Your Lifestyle

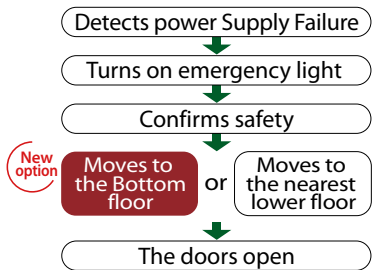
Home elevators empower everyone in the family to move around the home with greater safety, freedom and peace of mind. And all rooms can be used with maximum effectiveness.



Safety

Mitsubishi Emergency Landing Device (MELD) 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.



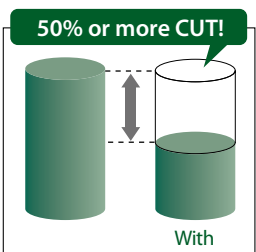
Energy-Saving and ECO Functions

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

Mitsubishi 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.



Maximum Use of Available Space

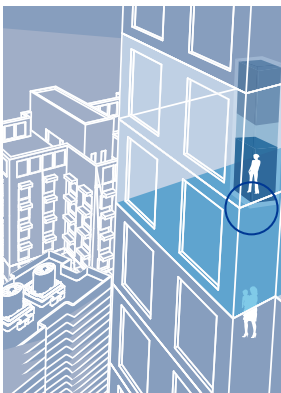


Installation Proposals in Buildings with Limited Pit Depth



For Private House

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



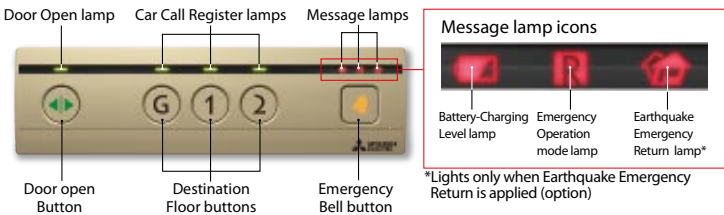
For Maisonette Residence

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.

Comfort

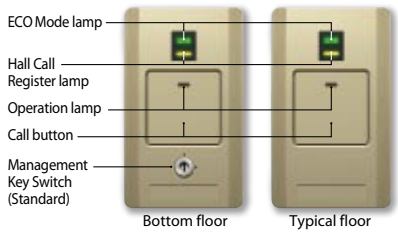
Car Operating Panel(M-CBH-040GF)

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 Return are being displayed on Car Operating Panel.



Hall Call Button(M-HBE-040GJ)

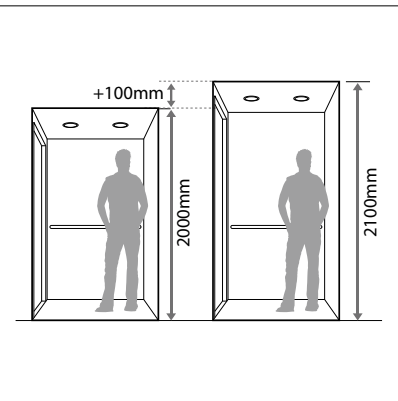
Large size button of 44mm × 44mm is applied to Hall Call button. And it is easy, simple push type. Display lamps of Operation, Hall Call Register and ECO Mode are provided on Hall call button panel. And location of Hall call button panel is visible by Operation lamp or ECO Mode lamp easily.



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.



SED300S



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(Optional)
- Handrail(Optional):
Wood
- Telephone(Provided
by customers)

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

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
		2-Wired
Motor Capacity(kW)		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
		1,400*1
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



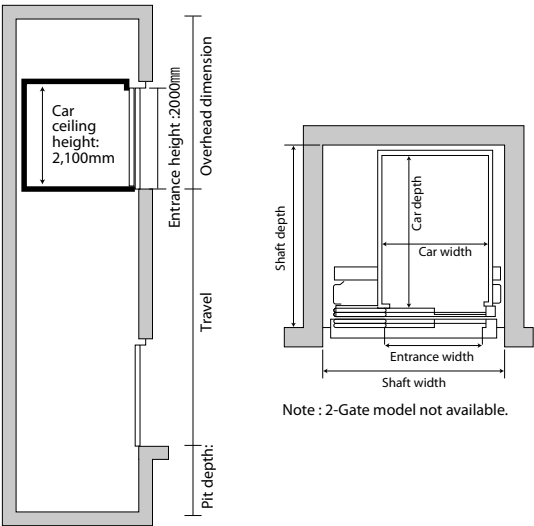
(M-CBH-040GF)

Hall Call Button



(M-HBE-040GJ)

Elevator Shaft Plan



SED200S



3 Persons
(200kg)



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

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

*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
			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
Car Internal Dimensions(mm)	Width		900
	Depth	1-Gate Model	1150
		2-Gate Model	1180
			2,000(Standard) / 2,100(Option)
Elevator Shaft Dimensions(mm)	Width(Min.)		1,535
	1-Gate Model Depth (Minimum)	TR≤10m	1,350
			1,400*1
			TR>10m
			1,475*1
2-Gate Model Depth			1,470
Entrance Dimensions(mm)	Width		800
	Height		1,900(Standard) / 2,000(Option)
Minimum Pit Depth(mm)	1-Gate Model		450
	2-Gate Model		650
Minimum Overhead Dimensions(mm)	Car Ceiling Height: 2,000mm(Standard)		2,400
	Car Ceiling Height: 2,100mm(Option)		2,500

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

Car Operating Panel



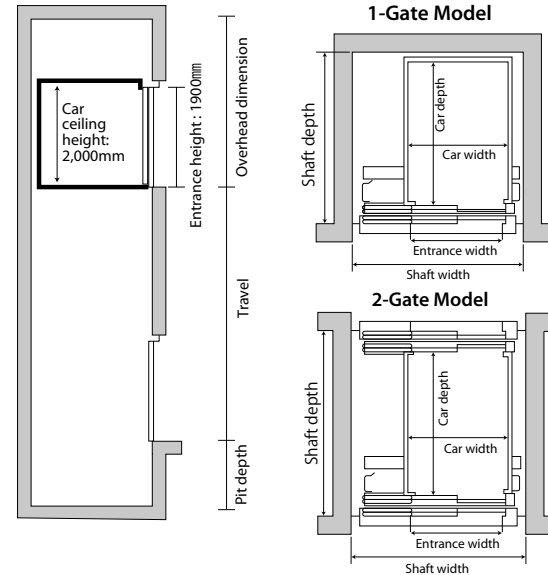
(M-CBH-040GF)

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.

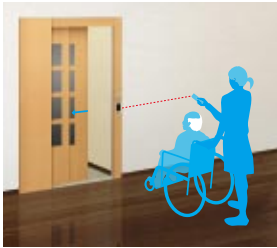


Additional management key switch

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

Cream Marble MS95



Snow Willow MS96



Pure White MS78



Stainless Plate (Option)

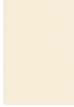
Hair Line SUS-HL



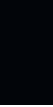
④ Telephone Box

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



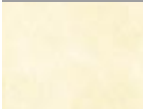
Camel Walnut MS93



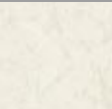
Ecru Beige Maple MS94



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

Light Brown F-11



Gray F-12

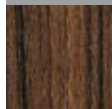


Vinyl Floor Tile

Natural Cherry F-16



Dark Brown Oak F-17



Wood (Option)

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	Mitsubishi Emergency Landing Device(MELD) Landing on nearest lower Floor	●	●
	Mitsubishi Emergency Landing Device(MELD) Landing on Bottom Floor	○	○
	Door Safety Shoe	●	●
	Door Load Detector(DLD)	●	●
	Safe Landing(SFL)	●	●
	Next Landing(NXL)	●	●
	Overload Holding Stop(OLH)	●	●
	Emergency Car Lighting	●	●
	Emergency Bell Button(Car Operating Panel)	●	●
ECO	Energy Saving Operation Mode	●	●
	Automatic Car Lighting / Electric Fan (Option) Shut-Off Function	●	●
	ECO Mode Lamp(Hall Call button)	●	●
Car Design	Handrail	○	○
	Car Mirror	○	○
	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	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)	○	○
	Transparent Glass Windows(Car Doors / Entrance Doors)	○	○
	Wired Glass Large Size Windows(Car Doors / Entrance Doors)	○	○
Entrance Design	Stainless Plate (Entrance Doors / Door Frame)	○	○
	Message lamp(Car Operating Panel)	●	●
Function	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 Return(EER)	○	○
	Fire Emergency Return(FER)	○	○
	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

MITSUBISHI ELECTRIC CORPORATION

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