Home Elevators for Private House

**Luxury and convenience in your home**

**Series-SVC200**

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**Basic Specifications**

- **Usage**: Passenger (For Private House)
- **Number of Persons**: 3
- **Ramal Capacity (kg)**: 2,400
- **Ramal Speed (m/min)**: Up To 1.31
- **Driving System / Control System**: Baseline Drum Type / VVVF Inverter Drive
- **Power Supply**: Single-Phase 210V / 220V / 230V / 240V / 2-Wired
- **Motor Capacity (kW)**: 2.6
- **Maximum Number of Stops**: 5
- **Maximum Travel (m)**: 1D-10: 13m, 1D-20: 18m
- **Door Type**: 4 Panel Center Opening

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**Deluxe Car Design Standard Car design**

- **Passenger (For Private House)**: 3
- **Up**: 200, **Down**: 30

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**Specifications**

- **Car Internal Dimensions (mm)**:
  - **Width**: 2,450, **Depth**: 2,550

- **Elevator Shaft Dimension (mm)**:
  - **Width (Minimum)**: 1,350

- **Elevator Entrance Dimensions (mm)**:
  - **Width**: 950, **Height**: 1,900

- **Minimum Pit Depth (mm)**: 1-Gate Model: 1,350, 2-Gate Model: 1,450

- **Minimum Overhead Dimensions (mm)**: Car Ceiling Height: 2,000 (Standard), 2,100 (Option)

- **Safety feature**:
  - Unintended Car Movement Protection System #1
  - 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)
  - 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)
  - Energy Saving Operation Mode
  - Automatic Turn Off of Elevator Light and Fan (ATFL)
  - ECO Mode Lamp (Hall Call button)
  - Handrail
  - Stainless Mirror
  - Stainless Mirror (Titan Bronze Color)
  - Car Mirror
  - Electric Fan
  - Car Wall Protect Plate (Stainless Steel)
  - View Window (Outside wall of the car)
  - Stainless Plastic (Car Ceiling)
  - Stainless Plate (Car Wall / Front Return Panel & Transom Panel)
  - Stainless Plate (Car Doors)
  - Stainless Plate (Car Ceiling)
  - Stainless Plate (Car Wall)
  - Stainless Plate (Entrance Doors / Door Frame)
  - Stainless Plate (Car Front Panel & Transom Panel)
  - Stainless Plate (Car Rear Panel & Transom Panel)
  - Stainless Plate (Car Side Panel & Transom Panel)
  - Stainless Plate (Car Door Frame)
  - Stainless Plate (Entrance Doors / Door Frame)

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**Function**

- **Emergency Operation (EMOD)**: 0
- **Fire Emergency Operation (FIRE)**: 0
- **Additional Management Key Switch**: 0
- **Remote Control**: 0
- **Car Alarm Chime**: 0
- **Bleep Button**: 0

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**Elevator Shaft Plan**

**1-Gate Model**

**2-Gate Model**

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**Home Elevators for Private House**

Luxury and convenience in your home

**MODEL**

Series-SVC200

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**HITACHI**

Hitachi Ltd. 2-101,Kanda Awaji-cho Chiyoda-ku,Tokyo,101-8941,Japan


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**Specifications subject to change without notice**
High-Quality Elevators
With refined functions and sophisticated design
match for your home

Safety

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

- Detects power supply failure
- Turns on emergency light
- Confirms safety
- Moves to the Bottom floor
- Moves to the nearest lower floor
- The doors open

Multi-Beam Door Sensor Standard feature

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.

Comfort

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.

*Triple SW Windows is applied.

Hall Call Button & Car Operating Panel

For greater usability, the new buttons allow users to easily verify the position of each button by simply pushing them.

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 and ECO Functions

Energy Saving

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.

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 2,400mm is applied to Standard Car Design.

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

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.
Deluxe Car Design

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

**LED Full Ceiling Light Type: CE-VCB-D30**
- Coated Steel Plate / Aluminium (Black color)
- Standard Fan Diffuser color: W-6 Black
- Stainless Mirror or Titan Bronze Color (Option)
- Left Side Wall: Coated Steel Plate (Snow Willow: M596)
- Bottom Wall of Car Operating Panel: Coated Steel Plate (Dark Mahogany: M591)
- Rear Wall: Coated Steel Plate (Snow Willow: M596)
- Right Side Wall: Coated Steel Plate (Snow Willow: M596)
- Front Return Panel & Transom Panel: Coated Steel Plate (Snow Willow: M596)
- Car Doors: Coated Steel Plate or Stainless Plate (Snow Willow: M596)
- Telephone Box: Plastic (Beige: W-5)
- Floor: Carpet or Vinyl Floor Tile or Wood (Option)
- Handrail: Option
- Car Ceiling Height: 2,000mm (Standard) or 2,100mm (Option)
- Minimum Overhead Dimension: 2,450mm (Standard) or 2,550mm (Option)

**Full-Height Stainless Mirror**
A Full-Height Stainless mirror adorns the rear wall and left side wall. It is available to choose Stainless Mirror or Stainless Mirror Titan Bronze Color (Option).

**100mm Higher Car Ceiling Height and Entrance Height Available**
For all type of car designs, 2100mm Car Ceiling Height and 2000mm Entrance Height can be applied to feel comfortable atmosphere.

*Telephone to be provided by customer*

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Deluxe Car Design

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

**LED Square Cover Light Type: CE-VCB-E30**
- Coated Steel Plate (Snow Willow: M596)
- Standard Fan Diffuser color: W-5 Beige
- Stainless Mirror or Titan Bronze Color (Option)
- Left Side Wall: Coated Steel Plate (Urban Black Mahogany: M590)
- Bottom Wall of Car Operating Panel: Coated Steel Plate (Urban Black Mahogany: M590)
- Rear Wall: Coated Steel Plate (Snow Willow: M596)
- Right Side Wall: Coated Steel Plate (Urban Black Mahogany: M590)
- Front Return Panel & Transom Panel: Coated Steel Plate (Snow Willow: M596)
- Car Doors: Coated Steel Plate or Stainless Plate (Snow Willow: M596)
- Telephone Box: Plastic (Black: W-5)
- Floor: Carpet or Vinyl Floor Tile or Wood (Option)
- Handrail: Option
- Car Ceiling Height: 2,000mm (Standard) or 2,100mm (Option)
- Minimum Overhead Dimension: 2,450mm (Standard) or 2,550mm (Option)

**Full-Height Stainless Mirror**
A Full-Height Stainless mirror adorns the rear wall and left side wall. It is available to choose Stainless Mirror or Stainless Mirror Titan Bronze Color (Option).

**100mm Higher Car Ceiling Height and Entrance Height Available**
For all type of car designs, 2100mm Car Ceiling Height and 2000mm Entrance Height can be applied to feel comfortable atmosphere.

*Triple slit windows is applied.*

Actual color may differ slightly from those shown.
Installation of a telephone inside the car is highly recommended to call for help in an emergency.
**Standard Car Design**

- **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 (Left), Vinyl Floor (Right)
- Kick Plate:
  - Grey Plastics
- Telephone Box: Plastics
- Telephone:
  - (Provided by Customers)

**Handrail**
- Wood Type:
  - Straight Beige (HR-RA0-S31W)
  - L-shaped Beige (HR-RA0-L30W)
- Stainless Type:
  - Straight Beige (HR-RA0-S31S)
  - L-shaped Beige (HR-RA0-L30S)

**Car Mirror**
- Wood Type:
  - Straight Beige (HR-RE0-S31W)
  - L-shaped Black (HR-RE0-L30B)
- Stainless Type:
  - Straight (HR-EB0-S30S)
  - L-shaped Black (HR-EB0-L30S)

**Car Wall Protect Plate**
A stainless steel guard can be installed to prevent the inside the car from scratches by wheelchairs.

### Color Application for Standard Car Design

**Ceiling Type**
- LED Down Light Type (CE-VCB-C30)
- LED Rectangle Cover Light Type (CE-VCB-A30)

**Car Door**
- [MS96 Snow Willow]

**Floor**
- [F-12 Gray]

**Car Wall / Front Return Panel & Transom Panel**
- Stainless Plate (Option)

**Handrail** (Option)
- Telephone (Provided by Customers)

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

- **Ceiling**:
  - [MS96 Snow Willow]
- **Car Wall / Front Return Panel & Transom Panel**:
  - [MS96 Snow Willow]
- **Car Doors**:
  - [MS96 Snow Willow]
- **Floor**:
  - [F-12 Gray]
- **Telephone Box**:
  - [W-5 Beige]
- **Diffuser**:
  - (W-5 Beige)
  - Electric Fan: Option

### Materials
- **Carpet**
  - F-11 Gray
  - F-12 Gray
- **Vinyl Floor Tile**
  - F-11 Gray
  - F-12 Gray
- **Wood (Option)**
  - F-6 Camel Walnut
  - F-7 Casual Oak
- **Stainless Plate** (Option)
  - SUS-HL
  - Beige
  - Black

Actual color may differ slightly from those shown.
**Entrance Design**

- Windows: Gray Smoked Plastics
- Hall Call Button (M-HBE-040GJ)
- *Triple Slot Windows*: Option
- *Triple Slot Windows* is the standard when the 100mm Higher Car Ceiling and Entrance Height is applied.

**Functions**

- **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.
  - **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.
  - **Wired Glass Windows** Option
    - Wired glass windows allow passengers to be seen from outside the car.
  - **Bleep Button** Option
    - Electronic tone sounds can be made to recognize that the Hall Call button or button on Car Operating Panel is pushed.

- **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.

- **ECO Mode (Energy-Saving)**
  - When the elevator is not used for passed certain period, the car light, electric fan (Option for Standard car design) 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 reduces brightness of light.
  - **Electric fan** Option
    - Providing Electric fan for Deluxe car design as standard and for Standard car design 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.

- **Multi-Beam Door Sensor** Standard feature
  - 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.

**Color Application (Entrance Doors / Entrance Door Frame)**

- Coated Steel Plate
  - MS90
  - MS91
  - MS92
  - MS93
  - MS94
  - MS95
  - MS96

- Stainless Plate (Option)
  - MS78
  - MS57

- *Triple Slot Windows* is applied.

**Wired Glass Windows**

- **100mm Higher Car Ceiling Height and Entrance Height Optio**
  - For all type of car designs, 2100mm Car Ceiling Height and 2000mm Entrance Height can be applied to feel comfortable atmosphere. *Triple Slot Windows* is applied.

**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**

**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.