

HITACHI
Inspire the Next

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VGE Series Catalogue 2024.08

HITACHI
Inspire the Next

VGE

Series
Home Elevator



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SAFETY & COMFORTABLE

Hitachi home elevators with safety protection designs supported by intelligent technology to ensure that passengers enjoy a comfortable vertical transportation experience.



Low Torque
Ripple



Temperature
Rise Control



High Braking
Torque



Superior IP
Rating



Class-F
Insulation



1 Seamless Communication

- Telephone line interface is provided
- Enable passenger to communicate with external

2 Intelligent Auxiliary Brake

- Fast! When motor overspeed is detected, auxiliary brake is activated immediately
- Effective! Speed can be effectively reduced before the brake is applied, which is conducive to rapid stopping

3 Power Failure Emergency

- In the event of power failure, the car emergency lighting will be lighted up automatically
- Elevator powered by the automatic rescue device (ARD) will run to the nearest service floor at slow speed, levelled and stop at the landing with door open for the passengers to leave

4 Pit Flood Operation

- When there is water ingress in the pit, the elevator will travel up to the evacuation floor and open the door for the passengers to leave
- The elevator resume normal operation after the float switch is manually reset

ULTIMATE HUMANISATION

Humanised design with function configured, giving every ride a thoughtful experience.

1 Multi-Beam Protection

- Prevents passengers from getting caught when entering and exiting the elevator
- Protects elevator doors from damage caused by collisions

2 Highly Distinctive Characters

- High distinctive floor characters
- Golden ratio 3:5 (width:height) font proportion
- Adopt regular circular curves, full form characters
- Easy-to-read wide-open design



3 Abnormal Duration Hall Call Detection

- Automatic detection of inoperative button
- Effectively process the malfunction button without affecting elevator operation

4 Load Sensing System

- Intelligent starting torque compensating algorithm
- Contactless weighing technology

5 Flexible Inter-Floor Operation

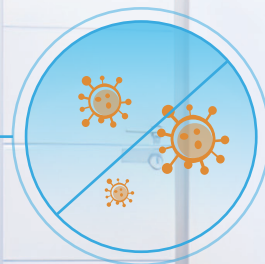
- Based on the distance between inter-floor with flexible control to achieve step-less speed
- Efficient operation with excellent riding comfort

6 Double-Layer Car Platform

- Welding-less high-precision technique
- Integrated load-bearing parts
- Double-layer car platform base

HEALTH & COMFORTABLE

Hitachi home elevators developed various designs to address customer concerns about installation, energy consumption, noise and hygiene, providing customers with a comfortable and healthy living experience.



1

Compact And Flexible Design

- Compact machine design
- Variety of specifications are available

2

Energy Efficiency Design

- Lightweight, gearless machine
- Automatic standby mode reduce energy consumption
- Suitable for 220V household power supply (For 24m/min)

3

Antibacterial Button*

- By adding highly efficient antibacterial ions to the button surface, residual bacteria on the buttons can be effectively suppressed
- Antibacterial buttons have been certified by SGS, with an antibacterial rate of over 99% against Escherichia coli and Staphylococcus aureus

STANDARD DECORATION



CAR DESIGN

CM19-43

Standard



Applicable rated load	320kg、400kg
Car ceiling	RF-063 Painted steel_YM24 (Champagne gold) LED lighting
Bare ceiling height	2200mm
False ceiling height	2200mm
Car door	Painted steel_YM24 (Champagne gold)
Side walls	Painted steel_YM24 (Champagne gold)
Car floor	S-693 Vinyl flooring

C15-62

Optional



Applicable rated load	320kg、400kg
Car ceiling	RF-019 Painted steel_YM24 (Champagne gold) LED lighting
Bare ceiling height	2200mm
False ceiling height	2200mm
Car door	Painted steel_YM24 (Champagne gold)
Side walls	Painted steel_YM24 (Champagne gold)
Car floor	S-693 Vinyl flooring



Rear Observation Elevator



3 Sides Observation Elevator

CM19-56

Rear Observation

Standard



Applicable rated load	320kg、400kg
Exterior Panel	OC-PL012 Painted steel_WN01 (Ivory white)
Car ceiling	RF-063 Painted steel_YM24 (Champagne gold) LED lighting
Bare ceiling height	2200mm
False ceiling height	2200mm
Car door	Painted steel_YM24 (Champagne gold)
Side walls	Painted steel_YM24 (Champagne gold)
Rear observation	Laminated glass Stainless steel mirror frame
Handrail	HR-M028 Stainless steel hairline On rear wall

Car floor	S-693 Vinyl flooring
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Optional



Car ceiling	RF-019 Painted steel_YM24 (Champagne gold) LED lighting
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CM19-57

3 Sides Observation

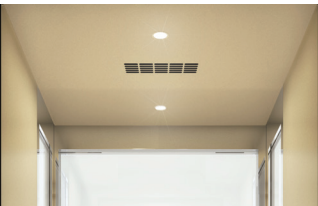
Standard



Applicable rated load	320kg、400kg
Exterior Panel	OC-TS016 Painted steel_WN01 (Ivory white)
Car ceiling	RF-063 Painted steel_YM24 (Champagne gold) LED lighting
Bare ceiling height	2200mm
False ceiling height	2200mm
Car door	Painted steel_YM24 (Champagne gold)
Side walls	Painted steel_YM24 (Champagne gold)
3 Sides Observation	Laminated glass Stainless steel mirror frame
Handrail	HR-M063 Stainless steel mirror Floor-mounted

Car floor	S-693 Vinyl flooring
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Optional

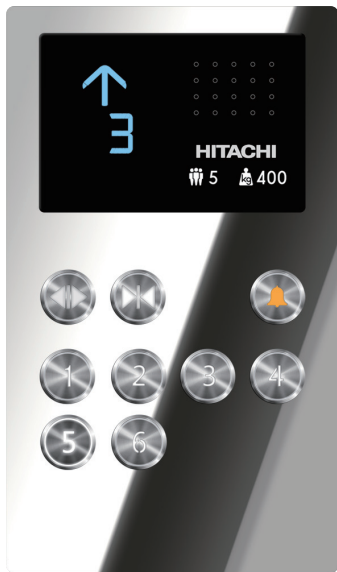


Car ceiling	RF-019 Painted steel_YM24 (Champagne gold) LED lighting
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DECORATION DEVICE

Car Operating Panel

Standard



GOP-682

- Indicator
 - Monochrome LCD
- Faceplate
 - Stainless steel mirror

Button

Standard



"Door Close" Button
(Without illumination)



"Door Open" Button
(Without illumination)



"Floor" Button
(Without illumination)



"Floor" Button
(With illumination)

UL-MW

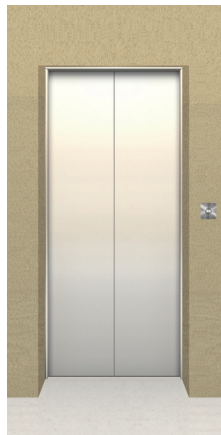
- | | | |
|--|--|---|
| <ul style="list-style-type: none"> Dimension <ul style="list-style-type: none"> Φ40 mm | <ul style="list-style-type: none"> Material <ul style="list-style-type: none"> Rim in stainless steel mirror Faceplate in circular stainless steel hairline | <ul style="list-style-type: none"> Illumination <ul style="list-style-type: none"> Symbol and periphery lighted up in white Button with braille is available as option for maximum 2 digits. |
|--|--|---|

Landing door / Jamb

Standard



Side opening



Center opening

Landing door / Jamb

- Landing Door
 - Painted steel_WN01 (Ivory white)
- Landing Jamb
 - AS-1X narrow type: Painted steel_WN01 (Ivory white)

Hall Operating Panel

Standard



HB-682A

- Faceplate Material
 - Circular stainless steel hairline
- Mounting
 - Embedded type

NOTE