



Scan QR Code for more information



Villux Series

HOME LIFT-ADVANCED CUSTOMIZATION



IFE Elevators Co., Ltd.

Tel: +86-769-82078888

Web: www.ifelift.com

📍 South China

Dongguan Jinlong Production Base:

Jinlong Road, Qingxi Town, Dongguan City, Guangdong Province

Dongguan Qinghuang Production Base:

Qinghuang Industrial Zone, Qingxi Town, Dongguan City, Guangdong Province

📍 Central China

Henan ZhongYuan Production Base:

Economic Development Zone, Hebi City, Henan Province

IFE China Service Hotline

400-6789-443

This manual is a general informational publication, and we reserve the right to make changes to the product design and specifications at any time.
None of the content within this manual, whether in wording or meaning, constitutes a guarantee or modification of the product, its usage, quality, or any terms of a sales contract.
Due to limitations of the printing technique, actual product colors may slightly differ from those shown in this manual. The final appearance should be based on actual materials and samples.

202401



| The best gift for families.

IFE ELEVATORS TRUSTED BY THE WORLD

■ A-share listed company
SZ:002774

■ Core supplier to overseas 'Belt
and Road Initiative' central
enterprises

■ The first Chinese elevator brand
to enter the North American
market

■ Preferred elevator supplier for
China's top 500 real estate
companies

■ The top Chinese elevator brand
in exports for several consecutive
years

■ Leading Chinese elevator brand
for high-speed elevator exports



POSITION WITH FLEXIBLE SPACE ENABLES MULTIPLE INSTALLATION METHODS

① Building Reserved Shaft Size

Install the elevator inside a dedicated indoor shaft.

Note: VILLUX-Mini not applicable



② Hollow Hall Type

Install aluminum alloy shaft in the hollow hall.



③ Surrounding Stairs Type

Install a shaft and elevator in the suitable space at the center of a surrounding staircase indoors.



④ Indoor Floor Opening

If there is no suitable space near the indoor staircase, an appropriate opening can be made in the floor to install the shaft and elevator.



IFE VILLUX Home-lift series offer four installation solutions: building reserved shafts(VILLUX-Mini not applicable), hollow hall, surrounding stairs and indoor floor opening. Our professional team develops solutions and installs, to meet the personalized customization needs of users and create an advanced and luxurious home life.

□ Type	VILLUX	VILLUX-Pro	VILLUX-Mini
□ Capacity(kg)	400 / 450	400	260 / 320
□ Speed(m/s)	0.4 / 0.63 / 1.0	0.4 / 0.5	0.3
□ Power supply(V)	Standard: Single phase 220V (optional 380V)		
□ Door opening method	Single entrance/ Through entrance	Single entrance/ Through entrance/ 90 degree entrance/ three side door entrance	Single entrance/ Through entrance/ 90 degree entrance

SAFETY IS STANDARD

IFE VILLUX home-lift series ensures comfort for generations. It provides intelligent solutions for barrier-free access, utilizing a smart control system to enhance safety, convenience, and comfort in home living.

Safe And Reliable, Exceptional Performance

International quality, the trusted choice
Highest level of safety certification in the industry
Authoritative certification, stable and dependable



Smooth Operation Mode

Comfortable elevator running speed, smooth operation, ensuring safer rides.

Clear Large Buttons

Caring for the elderly's eyesight, clear and large font display makes it more convenient for the elderly to use.

Barrier-Free Accessibility

The width of the door opening and the design of the elevator car make it convenient for wheelchairs to enter and exit.

MULTIPLE SECURITY MEASURES ENSURE LIFT SAFETY

One-click Dial Rescue

Press and hold the emergency button for 3 seconds to automatically dial pre-set phone numbers in a loop, ensuring you can always contact maintenance personnel, family, and friends.

Automatic Rescue Device

When an elevator getting fault, the system automatically analyzes and shields the fault, automatically stop at the nearest landing, and prioritizes let passengers to go out of the lift.

Child Lock

Prevent children from riding the elevator alone to avoid danger.

Safety Shield

Adopting the latest European standard high beam light curtain protection, high-density beams are formed in the door opening area to ensure the safe entry and exit of passengers in the elevator.

Power Failure No Entrapment

When the elevator loses power, the ARD automatic rescue device is activated, moving the elevator to the nearest floor and releasing the passengers.





METICULOUS ATTENTION TO DETAILS, CREATING THE ULTIMATE EXPERIENCE

Welcome Pedal

The illuminated welcome pedal with warm tone design provides passengers with a warm and comfortable experience.



Note: This function is adapted according to the actual car model.

Anti- Fingerprint Stainless Steel

The car wall and door panel are made of anti-fingerprint stainless steel, which can eliminate fingerprints caused by finger touch.

Note: This function is adapted according to the actual car and floor door model.

Clean Shaft

By using a grating ruler in place of a speed governor and shaft information system, the shaft remains cleaner and more aesthetically pleasing, with improved space utilization and lower noise.

Note: This feature is applicable to VILLUX-Pro / VILLUX-Mini.



「 ≤1m² 」

SMALL SPACE, MAXIMUM UTILIZATION 」

IFE VILLUX-Mini home lift optimizes comfort in less than 1m². With exceptional safety performance, smart technology, aesthetic design, and easy installation, it is an ideal choice for a quality lifestyle.

Breakthrough Limit, Cover Less Than 1m²

Designed for small spaces, this lift offers extreme space efficiency, requires minimal overhead, and no reserved pit space, ensuring every inch of your home is utilized to its full potential.

Multiple Safety Assurances

Reinforced car base ensures platform stability, even under full load, with no sinking or shaking. Dual anti-mislanding protection prevents accidental door openings, while dual sidewalls prevent direct contact with the shaft.

Silent Operation for Tranquility

The motor and frame are isolated with rubber dampers, effectively reducing vibration and noise, ensuring smooth operation and a quiet home environment.

Easy Maintenance, Time Saving

The shaft panels and glass can be independently removed, making routine inspections and emergency replacements quick and easy, reducing maintenance complexity and costs.



CAR513

- Ceiling: Hollow center design with LED light strips around the perimeter

- COP: COP504 (13-inch touch screen)

- Car Wall: CAR513
Control Wall: SW11-1 Jazz White Silver Steel Plate
Other Car Walls: Aluminum frame + gradient laminated tempered glass
Flooring:F101 (Jazz White PVC)

- Flooring: F101 (Jazz White PVC)

Notes:

- 1.This model is applicable to the VILLUX-Mini.
- 2.The color of the aluminum frame for the car walls matches that of the aluminum shaft frame.
- 3.The maximum width of the control wall is 1300mm.



CAR90-20

- Ceiling: C57-01 (Mirror stainless steel + LED ceiling lights)

- COP: COP500-01 (13.3-inch touch screen, white panel)

- Car Wall: CAR90-20
Front Wall: Mirror stainless steel
Side/Rear Walls: Champagne gold aluminum frame + laminated tempered glass

- Car Door: L06-00 (Champagne gold aluminum frame + laminated tempered glass)

- Flooring: F02-00 (Marble)

Notes: This model is applicable to the VILLUX.



CAR507

- **Ceiling:** C502(Central part:mirror stainless steel plated with black titanium; surrounding:aluminum alloy frame+LED light strips)

- **COP:** COP403 (2.4-inch LCD display; mechanical buttons; aluminum alloy casing with mirror stainless steel plated with black titanium)

- **Car Wall:** CAR 507
 Front wall:mirror stainless steel;
 Control wall:aluminum alloy frame+sintered stone, middle waistline in mirror stainless steel plated with black titanium;
 Side wall:aluminum alloy frame+with tempered laminated glass

- **Car Door:** L06-08(Grey aluminum alloy frame with tempered laminated glass)

- **Handrail:** Standard stainless steel(Integrated handrail COP)

- **Flooring:** F204(sintered stone)

- **Welcome Pedal :** Yellow light illumination



Note: This feature is applicable to VILLUX-Pro.



CAR508

- **Ceiling:** C502 (Center: Mirror stainless steel plated with champagne gold;
Surrounding: Aluminum alloy frame with LED strip lighting)

- **COP:** COP403 (2.4-inch LCD display;
mechanical buttons;
aluminum alloy casing + mirror stainless steel plated with black titanium)

- **Car Wall:** CAR508
 Front Wall: Sandblasted stainless steel plated with champagne gold and anti-fingerprint finish;
 Control Wall: Aluminum alloy frame, lower part sandblasted stainless steel plated with champagne gold and anti-fingerprint finish; upper part mirror stainless steel plated with champagne gold, middle waistline in mirror stainless steel plated with black titanium
 Right Side Wall: Aluminum alloy frame + artistic glass (Model 1014-2B);
 Left Side Wall: Aluminum alloy frame + sandblasted stainless steel plated with champagne gold and anti-fingerprint finish

- **Car Door:** L01-18 (Sandblasted stainless steel plated with champagne gold and anti-fingerprint finish)

- **Handrail:** Standard stainless steel handrail(integrated handrail with control panel)

- **Flooring:** F204 (Sintered Stone)

- **Welcome Pedal :** Yellow light illumination



Note: This feature is applicable to VILLUX / VILLUX-Pro.



CAR509

- **Ceiling:** C501 (Center: honeycomb aluminum panel; Surrounding: Aluminum alloy frame with LED strip lighting)

- **COP:** COP403 (2.4-inch LCD display; mechanical buttons; aluminum alloy casing + mirror stainless steel plated with black titanium)

- **Car Wall:** CAR509
 Front Wall/Door Transom: Sandblasted stainless steel with anti-fingerprint finish;
 Control Wall: Aluminum alloy frame, lower part hairline stainless steel plated with black titanium and anti-fingerprint finish; upper part mirror stainless steel plated with black titanium, middle waistline in mirror stainless steel plated with black titanium;
 Right Side Wall: Aluminum alloy frame + artistic glass (Model 2297C-1);
 Left Side Wall: Aluminum alloy frame + mirror stainless steel

- **Car Door:** L01-17 (Sandblasted stainless steel with anti-fingerprint finish)

- **Handrail:** Standard stainless steel handrail(integrated handrail with control panel)

- **Flooring:** F204 (Sintered Stone)

- **Welcome Pedal :** Yellow light illumination



Note: This feature is applicable to VILLUX / VILLUX-Pro.



CAR510

- **Ceiling:** C501 (Center: honeycomb aluminum panel; Surrounding: Aluminum alloy frame with LED strip lighting)

- **COP:** COP403 (2.4-inch LCD display; mechanical buttons; aluminum alloy casing + mirror stainless steel plated with black titanium)

- **Car Wall:** CAR510
 Front Wall: Sandblasted stainless steel with anti-fingerprint finish;
 Control Wall: Aluminum alloy frame+sintered stone; middle waistline in mirror stainless steel plated with black titanium;
 Right Side Wall: Aluminum alloy frame + sintered stone;
 Left Side Wall: Aluminum alloy frame + mirror stainless steel

- **Car Door:** L01-17 (Sandblasted stainless steel with anti-fingerprint finish)

- **Handrail:** Standard stainless steel handrail(integrated handrail with control panel)

- **Flooring:** F204 (Sintered Stone)

- **Welcome Pedal :** Yellow light illumination



Note: This feature is applicable to VILLUX / VILLUX-Pro.



CAR90-02

Ceiling: C212(Mirror stainless steel plated in rose gold, ultra-thin ceiling light, protruding 10mm)

COP: COP43-04(Hairline stainless steel plated in rose golden)

Car Walls: CW03-05
 Front/rear wall:Mirror stainless steel plated in rose golden;
 Side Wall:Hairline stainless steel plated in rose golden

Car Door: L01-08(Mirror stainless steel plated in rose golden)

Flooring: F02-06(Marble medallion)



CAR208

Ceiling: C203(Hairline stainless steel+LED ceiling light)

COP: COP43-00(Dot matrix display/Hairline stainless steel faceplate)

Car Walls: CAR208(Hairline stainless steel)

Car Door: L01-00(Hairline stainless steel)

Flooring: F02-06(Marble medallion)

Note: Model above is applicable to VILLUX.



CAR505

Ceiling: C501 (Center: honeycomb aluminum panel+ Aluminum alloy frame+ LED strip lighting)

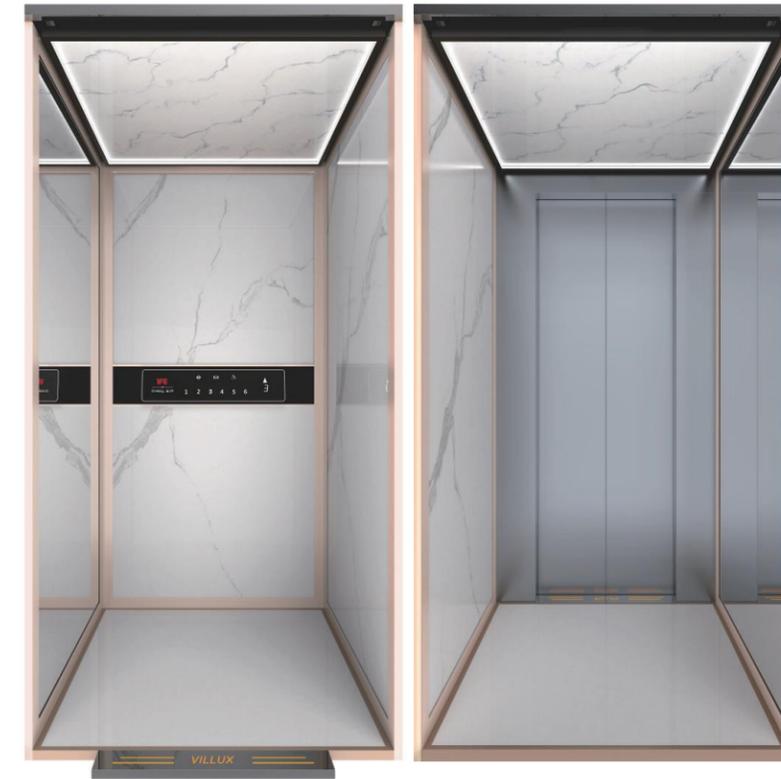
COP: COP503 (LED Segmented Display / Stainless Steel Frame + Glass Faceplate)

Car Walls: CAR505
 Front Wall: Mirror stainless steel plated with black titanium and anti-fingerprint finish;
 Left side wall: Aluminum alloy frame+mirror stainless steel plated with black titanium and anti-fingerprint finish;
 Right side wall: Aluminum alloy frame+ wooden decoration;
 Rear wall:Aluminum alloy frame+ wooden decoration

Car Door: L01-16(Mirror stainless steel plated with black titanium and anti-fingerprint finish)

Flooring: F02-06(Marble medallion)

Welcome Pedal: Yellow light illumination



CAR506

Ceiling: C501 (Center: honeycomb aluminum panel+ Aluminum alloy frame+ LED strip lighting)

COP: COP503 (LED Segmented Display / Stainless Steel Frame + Glass Faceplate)

Car Walls: CAR506
 Front Wall: Sandblasted stainless steel with anti-fingerprint finish;
 Left side wall: Aluminum alloy frame+mirror stainless steel plated with black titanium and anti-fingerprint finish;
 Right side wall: Aluminum alloy frame+ sintered stone;
 Rear wall:Aluminum alloy frame+ sintered stone

Car Door: L01-17(Sandblasted stainless steel with anti-fingerprint finish)

Flooring: F203(Marble)

Welcome Pedal: Yellow light illumination

Note: Model above is applicable to VILLUX.



CAR215

Ceiling: C216 (Mirror stainless steel, acrylic translucent panel)

COP: COP312 (Integrated control panel)

Car Walls: CAR215

Front Wall: Hairline stainless steel;
 Left Side Wall: Hairline stainless steel on both sides, integrated control panel with a center of mirror stainless steel finished in champagne gold + black decorative strip;
 Right Side Wall: Hairline stainless steel on both sides, with a center of mirror stainless steel finished in champagne gold + black decorative strip;
 Rear Wall: Hairline stainless steel on both sides, with a center of mirror stainless steel finished in champagne gold

Car Door: Hairline stainless steel

Flooring: F213 (Fish belly white marble)

Welcome Pedal: Yellow light illumination



CAR413

Ceiling: C101 (White spray-painted steel plate, champagne gold-plated hairline stainless steel edge trim, LED downlight + hidden light)

COP: COP312 (Integrated control panel)

Car Walls: CAR413

Front Wall: Champagne gold-plated hairline stainless steel;
 Left Side Wall: Champagne gold-plated hairline stainless steel on both sides, integrated control panel with a center of mirror stainless steel ; finished in champagne gold + black decorative strip
 Right Side Wall: Champagne gold-plated hairline stainless steel on both sides, with a center of mirror stainless steel finished in champagne gold + black decorative strip;
 Rear Wall: Champagne gold-plated hairline stainless steel on both sides, with a center of mirror stainless steel + illuminated light strip

Car Door: Champagne gold-plated hairline stainless steel

Flooring: F214 (Marble)

Welcome Pedal: Yellow light illumination



CAR415

Ceiling: C230 (Mirror Stainless Steel + LED Light Strip)

COP: COP122 (Black Glass Panel + Dot Matrix Display)

Car Walls: CAR415

Front Wall : Hairline Stainless Steel;
 Side Walls: Mirror Stainless Steel + Wood Grain Steel Plate (Golden Oak MWX18A01);
 Rear Wall: Mirror Stainless Steel on both sides + Center Wood Grain Steel Plate (Golden Oak MWX18A01)

Car Door: Hairline Stainless Steel

Flooring: F108 (Moonlight Beige PVC)



CAR416

Ceiling: C231 (Ripple Mirror Stainless Steel Plated in Champagne Gold + LED Light Strip)

COP: COP121 (Gold Glass Panel, Segmented Display)

Car Walls: CAR416

Front Wall: Sandblasted Stainless Steel Plated in Champagne Gold;
 Left Side Wall: Sandblasted Stainless Steel Plated in Champagne Gold on both sides, with Center Mirror Stainless Steel Plated in Champagne Gold;
 Right Side Wall: Sandblasted Stainless Steel Plated in Champagne Gold on both sides, with Center Mirror Stainless Steel Plated in Champagne Gold;
 Rear Wall: Sandblasted Stainless Steel Plated in Champagne Gold on both sides, with Center Stone Pattern Decorative Steel Plate + Light Strip

Car Door: Sandblasted Stainless Steel Plated in Champagne Gold

Flooring: F109 (PVC)



CAR314

Ceiling: Film-faced ceiling panel (white) + rose gold sandblasted stainless steel decorative frame + film-faced inner frame (metal texture) + concealed lighting trough + spotlights

COP: COP123 (black glass panel, segmented display)

Car Walls: CAR314

Front Wall: Sandblasted stainless steel plated in rose gold;

Side Walls: Sandblasted stainless steel plated in rose gold + decorative strips of sandblasted stainless steel plated in rose gold + mirror-finished stainless steel plated in rose gold + film-faced finish (wood grain);

Rear Wall: Decorative strips of sandblasted stainless steel plated in rose gold + concealed lighting trough + mirror-finished stainless steel plated in rose gold + film faced finish (wood grain)

Car Door: Sandblasted stainless steel plated in rose gold

Baseboard: Sandblasted stainless steel plated in rose gold

Flooring: Marble



CAR316

Ceiling: Sandblasted stainless steel with black titanium plating + concealed lighting trough + spotlights

COP: COP123 (black glass panel, segmented display)

Car Walls: CAR316

Front Wall/Door Transom: Mirror-finished stainless steel;

Side Walls: Sandblasted stainless steel + sandblasted stainless steel with black titanium decorative strips + sandblasted stainless steel with black titanium plating + film-faced finish (wood grain);

Rear Wall: Sandblasted stainless steel + decorative strips of sandblasted stainless steel with black titanium + partially sandblasted mirror-finished stainless steel + concealed lighting trough

Car Door: Mirror-finished stainless steel

Baseboard: Sandblasted stainless steel with black titanium plating

Handrail: Sandblasted stainless steel with black titanium plating

Flooring: Marble



CAR315

Ceiling: Film-faced ceiling panel (beige) + sandblasted stainless steel decorative frame plated with rose gold + film-faced inner frame (beige) + film-faced inner frame (rose gold metal texture) + concealed lighting trough + spotlights

COP: COP123 (black glass panel, segmented display)

Car Walls: CAR315

Front Wall/Door Transom: Mirror-finished stainless steel plated in rose gold;

Side Walls: Mirror-finished stainless steel plated in rose gold + film-faced finish (antique bronze metal texture);

Rear Wall: Mirror-finished stainless steel plated in rose gold + film-faced finish (wood grain)

Car Door: Mirror-finished stainless steel plated in rose gold

Baseboard: Sandblasted stainless steel plated in rose gold

Flooring: Marble + brass strips



CAR317

Ceiling: Film-faced finish (white) + concealed lighting trough + spotlights

COP: COP121 (gold glass panel, segmented display)

Car Walls: CAR317

Front Wall/Door Transom: Film-faced finish (fabric texture);

Side Walls: Mirror-finished stainless steel decorative strips + film-faced finish (fabric texture) + film-faced finish (wood grain);

Rear Wall: Mirror-finished stainless steel decorative strips + film-faced finish (fabric texture) + film-faced finish (wood grain) + concealed lighting trough with film-faced finish (fabric texture)

Car Door: Mirror-finished stainless steel

Baseboard: Lighting trough

Handrail: Mirror-finished stainless steel decorative frame + film-faced finish (fabric texture) + concealed lighting trough

Flooring: Sintered Stone



CAR318

Ceiling: Film-faced ceiling panel (black) + film frame (white) + concealed light trough + spotlights

COP: COP121 (gold glass panel, segmented display)

Car Walls: CAR318
 Front Wall/Door Transom: Sandblasted stainless steel coated in champagne gold;
 Side Walls: Sandblasted stainless steel coated in champagne gold;
 Rear Wall: Sandblasted stainless steel coated in champagne gold + mirrored stainless steel + sandblasted stainless steel with antique bronze trim

Car Door: Sandblasted stainless steel coated in champagne gold

Baseboard: Sandblasted stainless steel coated in antique bronze + concealed light trough

Handrail: Sandblasted stainless steel coated in antique bronze frame + leather (white) + concealed light trough

Flooring: Sintered Stone



CAR320

Ceiling: Film-faced (beige) + hairline stainless steel coated in antique bronze
 Frame: Concealed light trough + spotlights

COP: COP123 (black glass panel, segmented display)

Car Walls: CAR320
 Front Wall/Door Transom: Hairline stainless steel coated in antique bronze;
 Side Walls: Hairline stainless steel coated in antique bronze trim + mirrored stainless steel coated in black titanium + film-faced (wood grain);
 Rear Wall: Hairline stainless steel coated in antique bronze + hairline stainless steel coated in antique bronze trim + film-faced (fabric texture) + decorative painting

Car Door: Hairline stainless steel coated in antique bronze

Baseboard: Hairline stainless steel coated in antique bronze

Handrail: Mirrored stainless steel coated in black titanium

Flooring: Marble



CAR319

Ceiling: Film-faced ceiling panel (rose gold metallic texture) + film frame (black titanium metallic texture) + inner frame film (black titanium metallic texture) + concealed light trough + spotlights

COP: COP123 (black glass panel, segmented display)

Car Walls: CAR319
 Front Wall/Head Frame: Film (black titanium metallic texture);
 Side Walls: Film-faced (black titanium metallic texture) + film-faced (rose gold metallic texture);
 Rear Wall: Film-faced (black titanium metallic texture) + film-faced (stone texture) + concealed light trough

Car Door: Film (black titanium metallic texture)

Baseboard: Film (black titanium metallic texture)

Flooring: PVC (cloud gray)



CAR321

Ceiling: Mirrored stainless steel + abyss mirror + spotlights

COP: COP123 (black glass panel, segmented display)

Car Walls: CAR321
 Front Wall/Door Transom: Mirror stainless steel coated in black titanium;
 Side Walls: Shaped aluminum panels;
 Rear Wall: Sandblasted stainless steel etched + sandblasted stainless steel + concealed light trough

Car Door: Mirror stainless steel coated in black titanium

Baseboard: Sandblasted stainless steel

Handrail: Mirror stainless steel

Flooring: Sintered Stone

RENEW AND UPGRADE, NEVER STOP

Car Operation Panel(COP)

The following control operation panels are designed to be compatible with the elevator car



COP312

- Integrated control panel
- Mechanical buttons
- Stainless steel panel with illuminated nameplate

COP122

- 174×824×20 mm
- Mechanical buttons
- Stainless steel frame + glass panel
- Wall-mounted installation

COP43

- 170×690×55 mm
- Mechanical buttons
- Stainless steel panel
- Recessed installation

COP121

- 170×570×30 mm
- Mechanical buttons
- ABS frame + glass panel
- Recessed installation, protrudes 5 mm from the car wall



COP403

- Integrated handrail control panel
- 2.4-inch LCD display, mechanical buttons
- Aluminum alloy shell + black titanium mirror stainless steel panel + stainless steel handrail



COP503

- 700×150×45mm (bottom) / 25mm (top)
- Touch buttons
- Glass panel + stainless steel frame
- Wall-mounted installation



COP500-01

- 200×350×13 mm
- 13.3-inch full touch screen
- Wall-mounted installation



COP504

- 201×350×11.5 mm
- 13-inch touch LCD display
- Aluminum alloy shell + glass panel
- Wall-mounted installation

Hall Operation Panel(HOP) Wall-Mounted Installation



HOP508

- 43×118×15 mm
- Touch Button
- Metal Shell + Glass Panel



HOP512

- 31×140×14 mm
- Touch Button
- Zinc Alloy Frame + Glass Panel



HOP510

- 43×160.5×10.5 mm
- Touch Button
- Zinc Alloy Housing + Wood Grain Plastic + Glass Panel



HOP511

- 39×45.5×8.7 mm
- Touch Button
- Aluminum Alloy Frame + Glass Panel



HOP513

- 69×144×11.5 mm
- Touch Button
- Glass Panel + Metal Frame



HOP507

- 58×164×19 mm
- Touch Button
- Tempered Glass + Silver ABS Frame



HOP509

- 66×200×11 mm
- Touch Button
- Glass Panel + Aluminum Alloy Frame



HOP514

- 90×250×16.34 mm
- Mechanical Button
- Glass Panel + Stainless Steel Frame



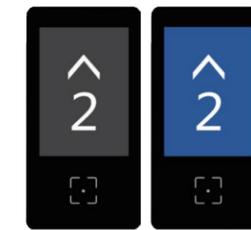
HOP36

- 90×325×17.5 mm
- Mechanical Button
- Light Green Glass Panel



HOP506

- 55×120×15 mm
- Touch Button
- Acrylic Panel + Zinc Alloy Frame



HOP503

- 80×152×11 mm
- Touch Button
- 4.2-inch TFT Display



HOP504-C / HOP504-F

- 91×230×13.2 mm
- Touch Button
- 3.5-inch True Color LCD Display



HOP212

- 93×265×16 mm
- Mechanical Button
- Glass Panel

Note: The width of the VILLUX-Mini hall operation panel must be ≤ 43 mm.

Ceiling



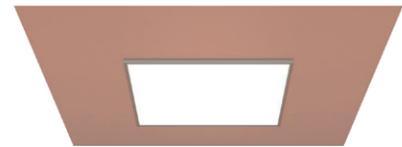
C101

White painted steel plate + hairline stainless steel coated in champagne gold trim + LED downlight + concealed lighting



C203

Hairline stainless steel + LED ceiling light (material optional)



C212

Mirror stainless steel with rose gold plating + ultra-thin ceiling light (protruding 10mm)



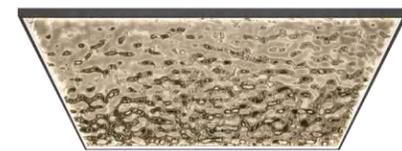
C216

Mirror stainless steel + acrylic light-transmitting panel



C230

Mirror stainless steel + LED light strip



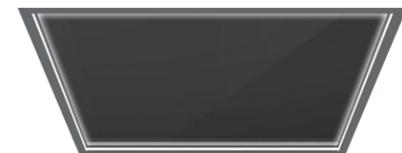
C231

Water ripple pattern mirror stainless steel with champagne gold plating + LED light strip



C501

Honeycomb aluminum panel + aluminum alloy frame + LED light strip



C502

Mirror stainless steel with black titanium plating + aluminum alloy frame + LED light strip (material optional)



C503

Center mirror stainless steel with black titanium plating + LED spotlight + aluminum alloy frame + LED light strip



C504

Starry sky ceiling + aluminum alloy frame + LED light strip

Hall Door Panel

VILLUX / VILLUX-Pro Hall Door Panel



L01-00

Hairline Stainless



L01-10

Hairline Stainless Steel with Black Titanium Coating



L01-12

Hairline Stainless Steel with Champagne Gold Coating



L01-09

Hairline Stainless Steel with Rose Gold Coating



L01-18

Sandblasted Stainless Steel with Fingerprint-Resistant Champagne Gold Coating



L01-17

Sandblasted Stainless Steel with Fingerprint Resistance



L06-00

Champagne Gold Aluminum Alloy Frame + Tempered Laminated Glass
Note: only applicable to VILLUX.



L06-08

Gray Aluminum Alloy Frame + Tempered Laminated Glass
Note: only applicable to VILLUX-Pro.

VILLUX-Mini Hall Door Panel



Chinese Red
CTP-B004



Sand Texture Black
CTP-A003



Sand Texture Starry Gray
TP-B013



Sand Texture White
CTP-B005



Gold Sand
CTP-B011



Titanium Gold
CTP-B007

Shaft Configuration

VILLUX Aluminum Alloy Shaft with Color Options



Shaft Glass Color Options



VILLUX-Pro Aluminum Alloy Shaft with Color Options

VILLUX-Mini Aluminum Alloy Shaft with Color Options



Shaft Glass Color Options

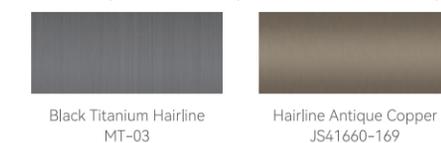


Shaft Lighting: Standard Yellow Light (2200K ~ 2700K)

Shaft Partition Colors:

For aluminum alloy shafts in Chinese Red, Sand Texture Black, and Sand Texture Starry Gray, the partition will be paired with Black Titanium Hairline.

For aluminum alloy shafts in Sand Texture White, Flowing Sand Gold, and Titanium Gold, the partition will be paired with Hairline Antique Copper.





DEDICATED TO EVERY CLASSIC PROJECT

1 Fairway Vistas

This high-end luxury villa project is located in Dubai Hills. It is developed by Emaar, one of the most prestigious real estate developers in the Middle East, focusing on luxurious, modern affluent communities.

4 Taiyuan April Sky No. 1 Courtyard

Developed with great care by Taiyuan Yuda Real Estate, this project covers approximately 105 acres. IFE has meticulously crafted solutions to enhance the expansive layout, embodying the respect and elegance of elite living.

2 Shenzhen Shuixie Spring Garden

As a top 100 real estate brand in China, Shenzhen Shuixie Spring Garden Real Estate has partnered with IFE to customize an intelligent elevator solution tailored to the project's needs.

5 Hainan Zhongji Meiyu

Located adjacent to the Leiqiong Global Geopark, this project features an eco-friendly mountainous lake landscape and a mature wellness community. IFE collaborates once again with Xinsheng Real Estate to create a "paradise within the bustling world."

3 Chongqing Zhong'an Jiacu Lake

Surrounded by a 500-acre emerald lake, this project boasts six rare resources: rivers, mountains, forests, lakes, hot springs, and golf.

6 Indonesia Golf Island Villa Complex

Developed by Agung Sedayu Group, one of Indonesia's largest real estate developers, the Golf Island project is designed as a perfect home for high-net-worth communities. IFE has established a strong reputation in the overseas market.

*For more classic cases, please refer to our project catalog.

VILLUX Home Lift Function Table

NO	Operating Functions	VILLUX	VILLUX-Pro	VILLUX-Mini
01	Full Selective Collection	●	●	—
02	Car Call Reset	●	●	—
03	Door Open/Door Close Button	●	●	●
04	Door Open/Door Close Button Light	●	●	—
05	Re-operation by Data Initialization	●	●	●
06	Automatic Home Landing	●	●	●
07	Door Reopening by Landing Call	●	●	●
08	Torque Compensation in Start	●	●	●
09	Direct Landing Technology	●	●	●

NO	Safety Functions	VILLUX	VILLUX-Pro	VILLUX-Mini
01	Fault Self-diagnosis	●	●	●
02	Fault Storage	●	●	●
03	Overload Protection	●	●	●
04	Light Curtain Protection	●	●	●
05	Door Reverse Protection	●	●	●
06	Door Interlock Protection	●	●	●
07	Landing Zone Guard	●	●	●
08	Downward Over speed Protection	●	●	●
09	Upward Over speed Protection	●	●	●
10	Direction Feedback Detection	●	●	●
11	Brake Guard	●	●	●
12	Safety Torque Cut-off	●	●	●
13	Speed Limited Forced in Terminal Station	●	●	●
14	Buffer Safety Protection	●	●	●
15	Power-on Self-test Protection	●	●	●
16	Anti-locked-rotor Feature of Motor	●	●	●
17	Star Circuit Closure	●	●	●
18	Electrical Safety Circuit	●	●	●
19	Child Lock	○	○	●

NO	Special Operation	VILLUX	VILLUX-Pro	VILLUX-Mini
01	Main Floor Setting	●	●	●
02	Firefighting Floor Setting	●	●	—
03	Car Top Inspection Operation	●	●	—
04	Flexible Car Park Setting	●	●	●
05	Floor Lock	○	○	●

NO	HMI	VILLUX	VILLUX-Pro	VILLUX-Mini
01	Direction Indicator	●	●	●
02	Position Indicator	●	●	●
03	Floor Mark Flexible Set	●	●	●
04	Lighting Control	●	●	○
05	Voice Announcement System	○	○	●
06	Internet of Things Integration	○	○	○
07	Smart Voice Call for Elevator	○	○	—

NO	Emergency Functions	VILLUX	VILLUX-Pro	VILLUX-Mini
01	Emergency Car Light	●	●	●
02	Emergency Electrical Operation	●	●	●
03	Emergency Call	●	●	●
04	Automatic Rescue Device	●	●	●
05	Electrical Brake Release	●	●	●
06	Intelligent Rescue During Power Failure	●	●	●

NO	Energy Saving Functions	VILLUX	VILLUX-Pro	VILLUX-Mini
01	Energy Saving Standby	●	●	●
02	Fan Control	●	●	—

Note: Standard items are marked with "●", optional "○", and non-optional "—".
Due to ongoing technological advancements, design improvements, and updates, specifications are subject to change without prior notice.

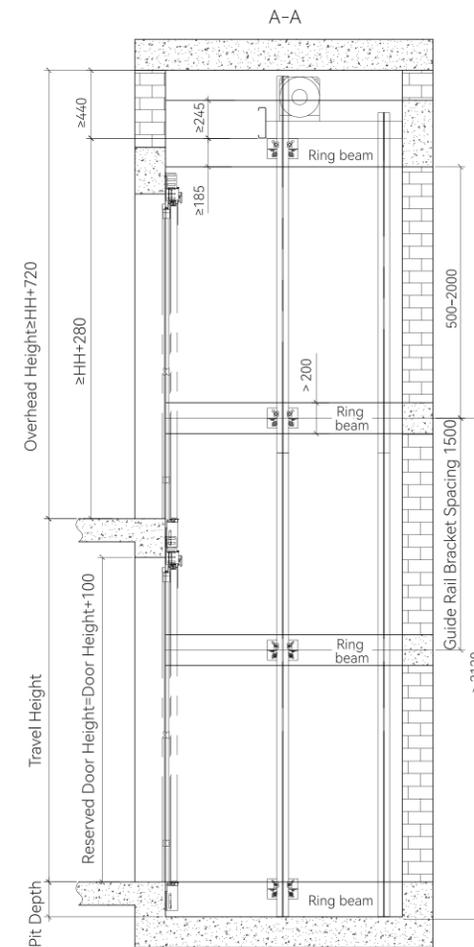
VILLUX Home Lift Technical Parameters and Shaft Layout

NO	Specification	Parameter		
01	Rated Capacity(kg)	400		
02	Speed(m/s)	0.4	0.63	1.0
03	Drive Method	Traction Drive (Steel Belt 2:1)		
04	Door Control	VVVF Variable Frequency Door Operator(Center Opening, Side Opening, 4 Panels Center Opening)		
05	Traction Machine	Permanent Magnet Synchronous Gearless Motor		
06	Control System	CTRL80 Integrated Controller		
07	Travel Height(m)	≤27		
08	Minimum Floor Height(mm)	Center Opening: Door opening height + 350 mm ; Side Opening: Door opening height + 420 mm ; 4 Panels Center Opening: Door opening height + 375 mm		
09	Machine Location	Positioned at the top of the hoistway		
10	Overhead Height(mm)	Rear counterweight ≥ 2900 mm Side counterweight ≥ 2950 mm	Rear counterweight ≥ 2960 mm Side counterweight ≥ 3150 mm	
11	Pit Depth(mm)	With marble finish: 225 mm; With PVC finish: 200 mm		
12	Motor Rated Power(kW)	1.2	1.9	3.0
13	Rated Current(A)	5	8	12
14	Starting Power At Rated Load(A)	7.5	12	18
15	Power Capacity(kVA)	3.5	4.5	6.5
16	Power	Standard Power Supply: Single-phase 220V (optional: 380V); single-phase 220V recommended		
17	Minimum Wiring Requirements	2x2.5mm ² copper sheath cable +2.5mm ² yellow-green cable		2x4mm ² copper sheath cable +4mm ² yellow-green cable

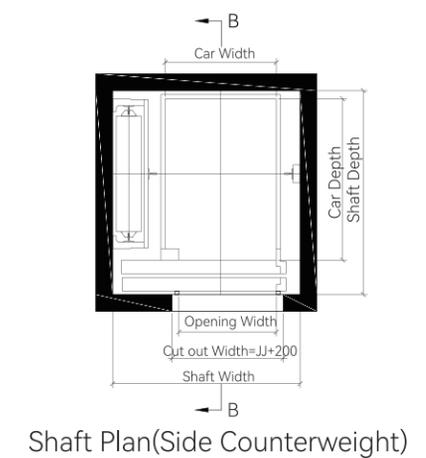
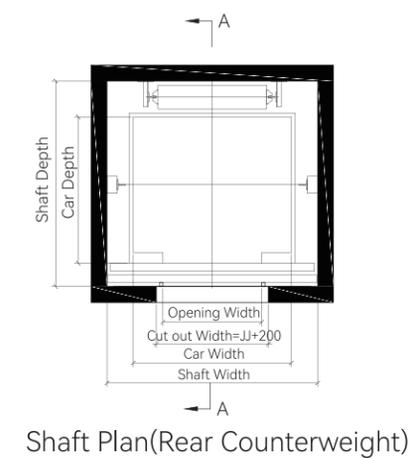
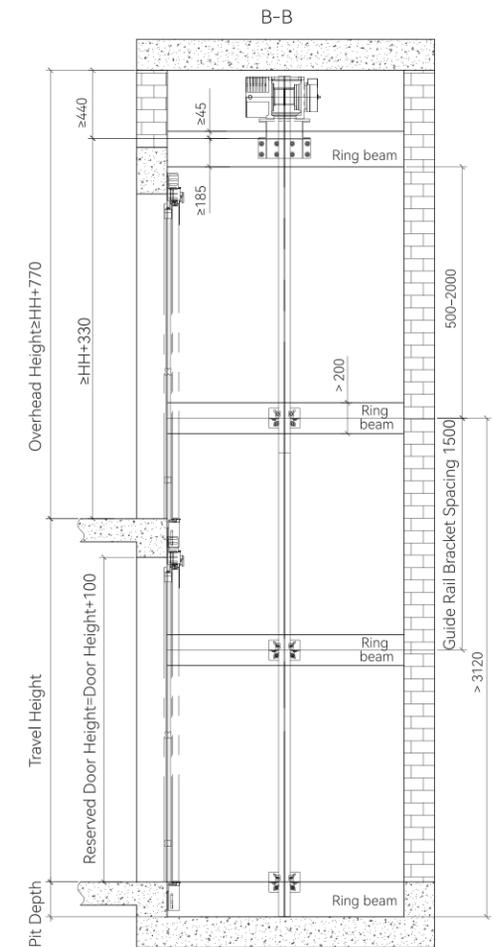
- Note: 1. Maximum load capacity: 450 kg.
 2. For power supply options of 380V, please consult with technical support for specific data.
 3. Maximum car area = (Rated Load / 250) m².
 4. Door opening height should follow the requirements in the construction layout drawing.

NO	Specification	400kg						
01	Net Car Size (W*D*H)	1200*1100*2100	950*1050*2100	1000*950*2100	1200*850*2100	700*950*2100	1100*1150*2100	
02		Single Entrance	Single Entrance	Single Entrance	Single Entrance	Single Entrance	Single Entrance	
02	Door Opening Size (W*H)	2 Panel Center Opening (Narrow jamb)	Side Opening (Narrow jamb)	Side Opening (Narrow jamb)	2 Panel Center Opening (Narrow jamb)	Side Opening (Narrow jamb)	2 Panel Center Opening (Narrow jamb)	
		700*2000	700*2000	700*2000	800*2000	650*2000	750*2000	
03	Net Shaft Size (W*D)	1600*1545	1350*1615	1400*1500	1800*1100	1300*1300	1700*1400	
04	Counter-Weight Arrangement	Rear	Rear	Rear	Side	Side	Side	

Shaft Section(Rear Counterweight)



Shaft Section(Side Counterweight)



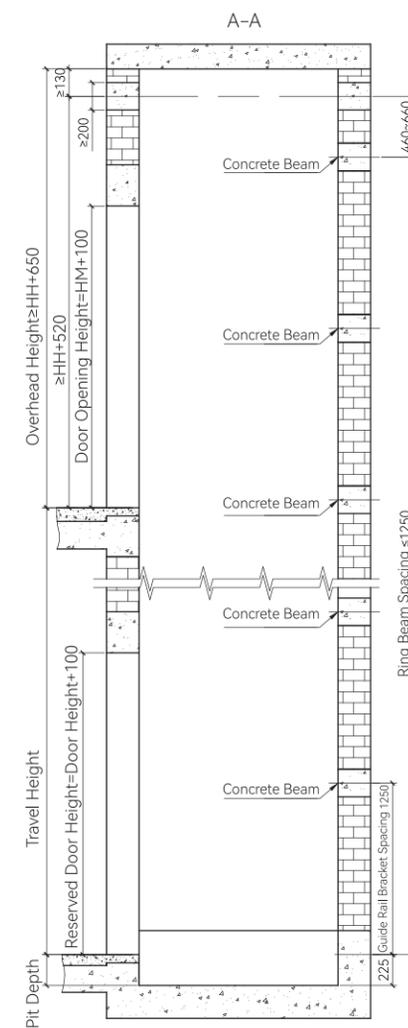
VILLUX-Pro Home Lift Technical Parameters and Shaft Layout

NO	Specification	Parameter	
01	Rated Capacity(kg)	400	
02	Speed(m/s)	0.4	0.5
03	Drive Method	Traction Drive (Steel Belt 2:1)	
04	Door Control	VVVF Variable Frequency Door Operator(Center Opening, Side Opening, 4 Panels Center Opening)	
05	Traction Machine	Permanent Magnet Synchronous Gearless Motor	
06	Control System	CTRL80 Integrated Controller	
07	Travel Height(m)	≤18	
08	Minimum Floor Height (mm)	Center Opening Doors: Opening Height + 305 mm (Aluminum Shaft); Opening Height + 385 mm (Concrete Shaft); Side Opening and 4 Panel Center Opening Doors: Opening Height + 435 mm (Aluminum Shaft); Opening Height + 405 mm (Concrete Shaft)	
09	Machine Location	Positioned at the top of the hoistway	
10	Overhead Height(mm)	≥2900	
11	Pit Depth(mm)	With marble finish: 225 mm	
12	Motor Rated Power(kW)	1.1	1.7
13	Rated Current(A)	7.2	9.2
14	Starting Power At Rated Load(A)	10.8	13.8
15	Power Capacity(kVA)	3.5	4.5
16	Power	Standard Power Supply: Single-phase 220V (optional: 380V); single-phase 220V recommended	
17	Minimum Wiring Requirements	2x2.5mm ² copper sheath cable +2.5mm ² yellow-green cable	2x4mm ² copper sheath cable +4mm ² yellow-green cable

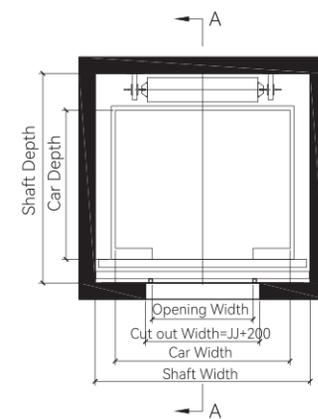
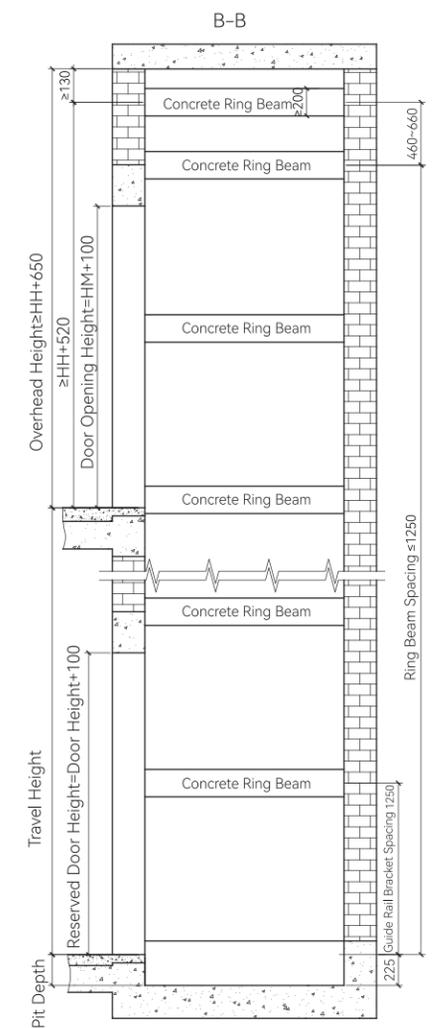
Note: 1. Maximum car area = (Rated Load / 250) m².
2. Door opening height should follow the requirements in the construction layout drawing.

NO	Specification	400kg				
01	Net Car Size (W*D*H)	1350*1000*2200	1150*1200*2200	1150*1260*2200	900*1200*2200	900*1260*2200
		Single Entrance	Single Entrance	Double Entrance	Single Entrance	Double Entrance
	Door Opening Size (W*H)	2 Panel Center Opening (Narrow jamb)	2 Panel Center Opening (Narrow jamb)	2 Panel Center Opening (Narrow jamb)	Side Opening (Narrow jamb)	Side Opening (Narrow jamb)
		700*2100	700*2100	700*2100	700*2100	700*2100
02	Concrete Shaft					
03	Net Shaft Size (W*D)	1500*1400	1500*1410	1500*1560	1250*1470	1250*1680
04	Counter-weight Arrangement	Rear	Side	Side	Side	Side
05	Net Car Size (W*D*H)	1350*1000*2200	1150*1200*2200	1150*1260*2200	900*1200*2200	900*1260*2200
		Single Entrance	Single Entrance	Double Entrance	Single Entrance	Double Entrance
	Door Opening Size (W*H)	2 Panel Center Opening (Narrow jamb)	2 Panel Center Opening (Narrow jamb)	2 Panel Center Opening (Narrow jamb)	Side Opening (Narrow jamb)	Side Opening (Narrow jamb)
		700*2100	700*2100	700*2100	700*2100	700*2100
	06	Aluminum Shaft				
07	Reserve Shaft Size (W*D)	1630*1530	1630*1540	1630*1670	1360*1600	1360*1790
08	Net Shaft Size (W*D)	1500*1400	1500*1410	1500*1540	1230*1470	1230*1660
09	Counter-weight Arrangement	Rear	Side	Side	Side	Side

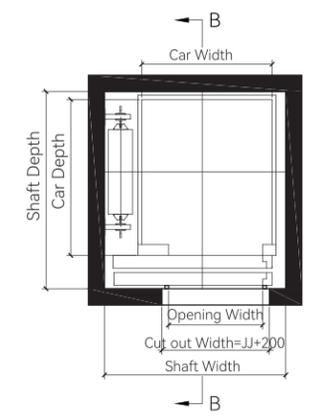
Shaft Section(Rear Counterweight)



Shaft Section(Side Counterweight)



Shaft Plan(Rear Counterweight)



Shaft Plan(Side Counterweight)

VILLUX-Mini Home Platform Lift Technical Parameters

NO	Specification	Parameter	
01	Rated Capacity(kg)	260	320
02	Speed(m/s)	0.3	
03	Drive Method	Traction Drive (Steel Belt 1:1)	
04	Door Control	Automatic Door(Center Opening)	
05	Traction Machine	Permanent Magnet Synchronous Gearless Motor	
06	Control System	CTRL80 Integrated Controller	
07	Travel Height(m)	≤15	
08	Floor	≤6	
09	Minimum Floor Height (mm)	Clear Door Height + Floor Thickness + 215 mm	
10	Machine Location	Positioned at the top of the hoistway	
11	Overhead Height(mm)	≥2500 (or HH+500) HH: Total car height	
12	Pit Depth(mm)	100≤PD≤400 (Minimum reserved pit depth for construction: 85 mm)	
13	Motor Rated Power(kW)	0.6	
14	Rated Current(A)	6	
15	Starting Power At Rated Load(A)	9	
16	Power	Standard Power Supply: Single-phase 220V (optional: 380V); single-phase 220V recommended Power Supply Capacity: 2.1 kVA	
17	Minimum Wiring Requirements	For single-phase 220V (single-phase three-wire system), cable diameter should not be less than 4 mm ² For three-phase 380V (three-phase five-wire system), cable diameter should not be less than 2.5 mm ²	

Note: 1. The supply voltage fluctuation range should not exceed ±7%.
2. The neutral and ground wires must always be separate, with a grounding resistance value no greater than 4Ω.

NO	Specification	Car Size	Door Opening Size	Door Opening Type	Inside Shaft Size	Outside Shaft Size	Reserve Shaft Size	Counter-Weight Arrangement
01	Aluminum Shaft	830*870*2000	640*2000	Single Entrance	910*1200	950*1240	980*1270	Rear
02		850*850*2000	660*2000	Single Entrance	1200*910	1240*950	1270*980	Side
03		850*870*2000	660*2000	Double Entrance	1200*910	1240*950	1270*980	Side
04		870*850*2000	660*2000 640*2000	90 Degree Entrance	1200*910	1240*950	1270*980	Side

COMMITTED TO PROVIDING CLIENTS WITH
COMPREHENSIVE SERVICE SOLUTIONS FOR SAFE,
COMFORTABLE, AND INTELLIGENT
TRANSPORTATION SYSTEMS

50+

Global subsidiaries
and branches

60+

Countries and Regions
of Product Sales

2000+

The service network covering
of administrative institutions

150000+

Serving clients

