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Comprehensive Upgrade, Innovation with Breakthrough

Founder of Comfort Elevator Technique

LEHY-III inherits the outstanding performance of LEHY-II, leads the new trend of compact machine room elevator in the future with breakthrough techniques and innovations. After the innovation of "Variable Voltage Variable Frequency (VVVF) Speed Regulating Control Technique" and "Permanent Magnetic (PM) Synchronous Traction", Shanghai Mitsubishi promotes new generation of LEHY-III series compact machine room elevator. LEHY-III adopts multiple nationwide or worldwide advanced techniques, standing a new banner focusing on safety, comfort and technology.

Advanced Intelligence

Unparalleled Comprehensive Upgrade

Inheriting the technique advantage of last generation LEHY series compact machine room, LEHY-III introduces various advanced technologies: 5 breakthroughs, 6 innovations.

Economic Technology

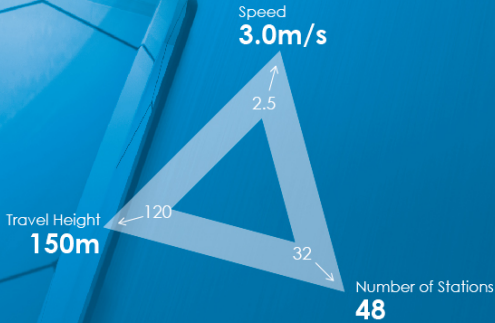
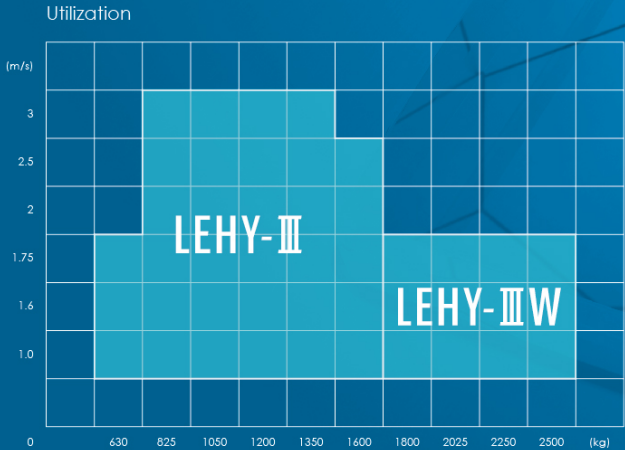
Energy-efficient and Environment Friendly, Last to the Future

Use fresh-new gearless traction machine driven by PM motor, comprehensively upgrades the system efficiency, meanwhile it lowers the energy consumption; based on double PWM modulated energy feedback technique, lowers pollution and energy consumption simultaneously, lead the green future.

Human Oriented

Unprecedentedly Comfort Experience

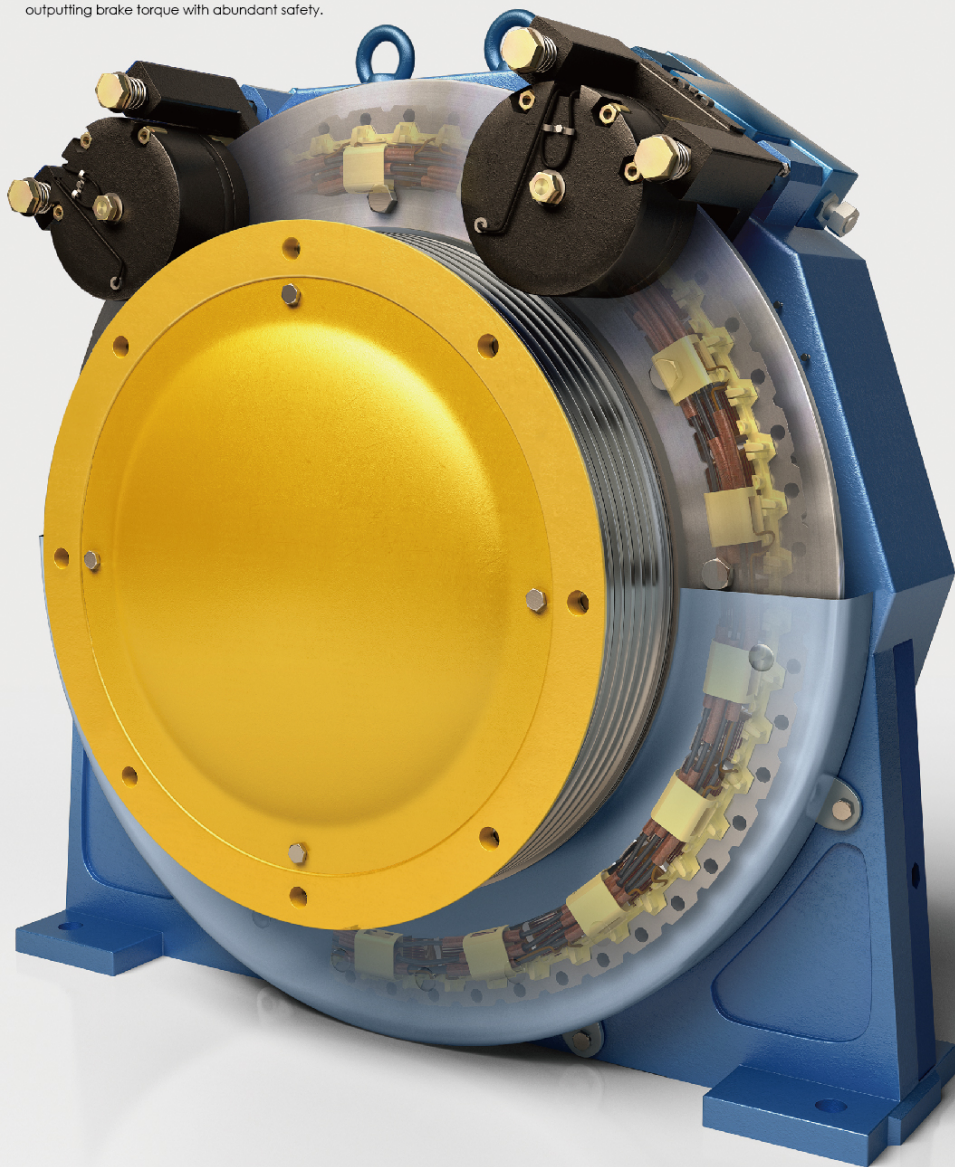
Utilize advanced artificial intelligence, achieve unprecedented precise and comfortable riding; various luxury decoration components and multiple new materials are available, and it is also possible to provide our clients the customized system.



5 Breakthroughs ----- P.3	General
6 Innovations ----- P.5	
A new generation of Decoration system ----- P.8	
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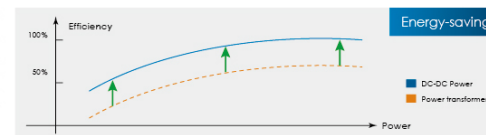
Traction Machine Absolute Upgrade

The new generation PM synchronous traction machine with high performance uses high quality rare earth material and PM body positioning technique with high precision, meanwhile it comprehensively uses motor techniques such as separate punching and riveting iron core and auto integral coil, which not only makes traction machine output more efficiency, less energy consumption, more peaceful and stable, but also makes traction machine has shorter axle distance and more compact structure; The latest large-scale brake plate and disk brake with low noise are adopted, which are safer, more reliable and more durable, ensuring that brake noise can be significantly reduced while outputting brake torque with abundant safety.

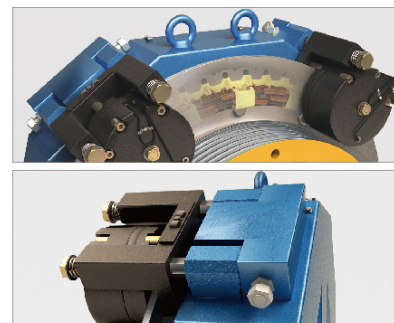


All-digit Intelligence Power System

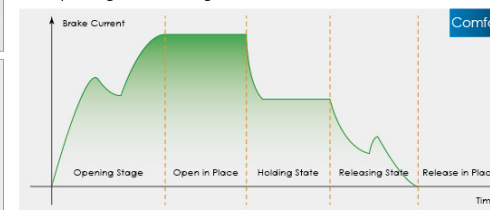
It utilizes all-digit control intelligent DC-DC power as the substitution for three-phase power transformer to provide power for elevator control system. New power system is not only more stable and reliable, invulnerable to grid fluctuation, but also consume less energy, with higher efficiency and more comprehensive protection.



Mute Brake Control Technology

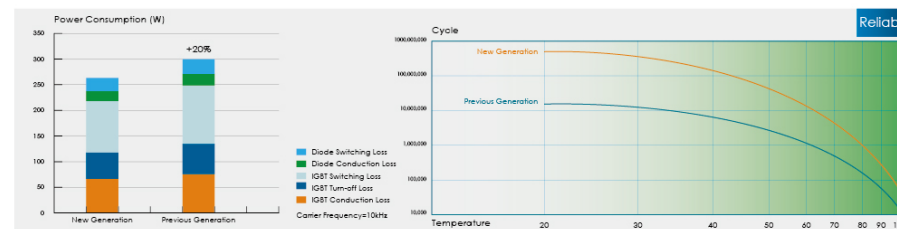


Compared to traditional open-loop voltage control, more accurate closed-loop current control mode is now employed to control the action speed and braking torque at all stages of the brake. This has remarkably reduced the noise from the brake during action and improved the comfort of the passengers while taking the elevators.



The Latest Generation of High-power Module

Take the lead in employing the sixth generation of high-power module system in the industry. Multiple fast protection circuit can better protect the power module, further improving the reliability of the drive system. Meanwhile, the drive control circuit of power module connects with the power module by direct plugging, further enhancing the system's anti-jamming ability.



High-performance and Intelligent CPU Control System

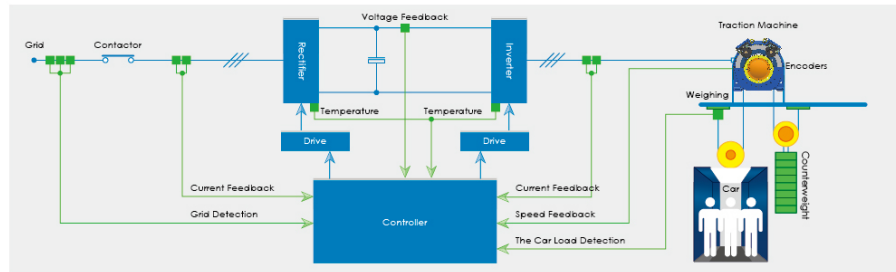
Apply new generation of high-performance CPU technology and PCB system architecture and realize elevator's main control system with multi-chip architecture of motor drive, elevator control management, elevator communication and FPGA logic control. Cooperation work of multiple CPUs has greatly improved the elevator system performance. The redundancy protection with multiple CPUs and the FPGA hardware monitoring have improved system stability and security.



Reliable and Comfortable

AC VVVF Speed Regulation Control Technology, Full Digital Control Technology

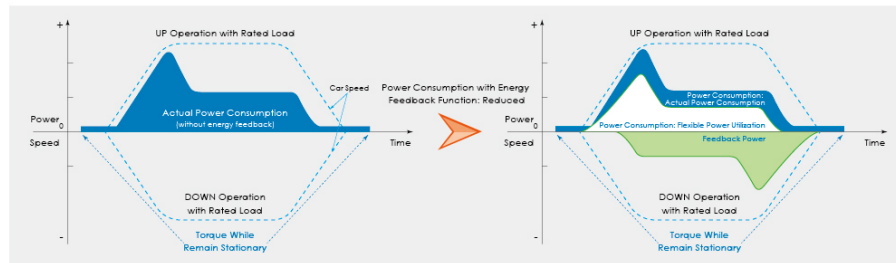
Adhering to the philosophy of steadily and slowly releasing of profound knowledge and constantly using latest technologies and components in VVVF drive of elevators enable Shanghai Mitsubishi VVVF speed regulation technology to develop rapidly toward high performance, high reliability, digitization and miniaturization. Employing space vector pulse width modulation (SVPWM) technology to realize elevator speed regulation, taking the lead in adopting international latest sixth generation of high-power module, 32-bit high speed digital signal controller (DSC) and large scale integrated circuit and other advanced electrical components, enabling the elevator to accurately regulate the motor rpm completely according to optimum speed variation curve and operate following the perfect speed curved optimized according to modern ergonomics principle. These have realized full digital control and motor drive in true sense and enabled the elevator run smoothly, safely and efficiently.



Green and Energy-saving

Energy Feedback Technology (Optional)

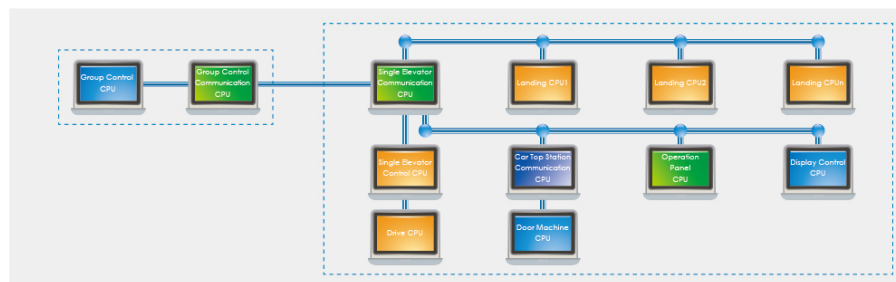
Highly energy-saving energy feedback technology based on dual-PWM control can feed the renewable green electric energy, which was consumed through energy consumption resistors, back to the grid without pollution. This can save more than 30% energy compared to common VVVF elevators on average, and so to meet relevant national power quality standards.



High-speed Network

Data Network Control Technology

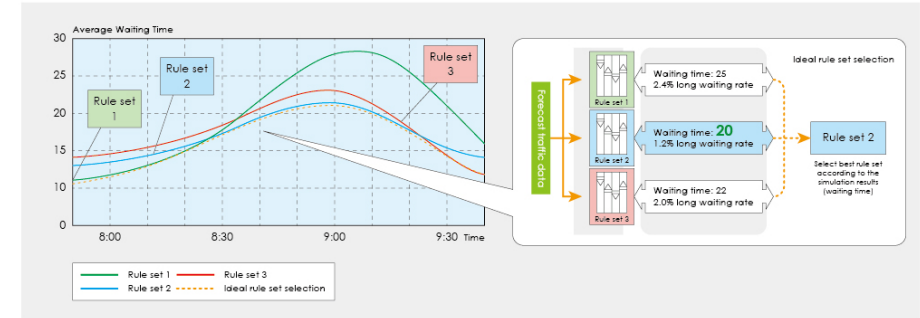
Data network control technology based on CANBUS (Field bus) features high communication rate, large data volume. Independent microprocessors are used separately in elevator car command controller, floor indicators inside the car, door machine controller, each landing button and floor indicators and various subsystems. The communication between the various subsystems needs only a few signal lines. This has greatly improved system reliability, electromagnetic interference immunity and flexibility, and reduced the maintenance costs.



Efficient Group Control

Intelligent Group Control System (Optional)

ITS-21, ITS-2100 group control systems use a high-performance CPU processor for computing and achieving high-speed processing of complex algorithms. High-speed data network has effectively improved the system throughput and scalability. Expert system, fuzzy logic technology and neuron technologies are adopted. Dispatching plan can be given in an intelligent way according to different traffic conditions. This can substantially reduce passengers' waiting time and riding time and reduce elevator operation energy consumption throughout the building by reducing invalid elevator operation.



Innovative Operation

Destination Forecasting System (Optional)

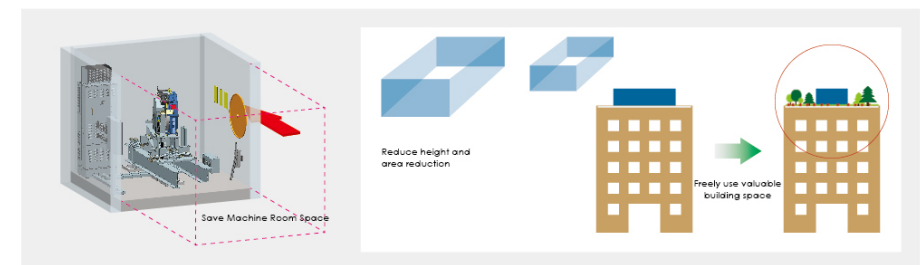
Greatly improve the utilization rate of elevators and reduce passengers' average waiting time through the efficient destination forecasting system. After a passenger has pressed the floor button he/she wish to go to the landing, the destination forecasting system will inform the passenger to take a specified elevator, and the passenger can then wait before the specified elevator. After the elevator has arrived, the passenger does not need to press the button for the destination floor inside the car, and the elevator will automatically register and go to the destination floor.



High Adaptability

Really Small Machine Room Design

LEHY-III adopts really small machine room design with the machine room size equal to shaft. This saves machine room space, improves building utilization rate, allows more free building design, and compared to traditional machine room, provides more convenient and safe maintenance of the traction machine, control cabinet, over speed governor and other components.



Universal Decoration System

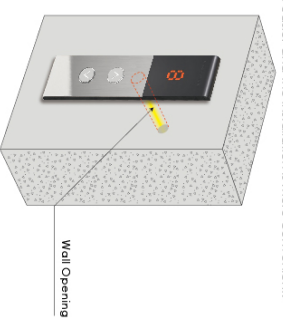
A new Generation of Decoration System

Universal decoration system applies to all LEHY elevators of Shanghai Mitsubishi, including LEHY-III, LEHY-MRL, LEHY-MHL, LEHY-H and etc. On the basis of full preliminary surveys and demand collection analysis, the flexibility and responsiveness of the brand new developed decoration configuration are enhanced greatly, providing the customers with choices of different grades and styles.



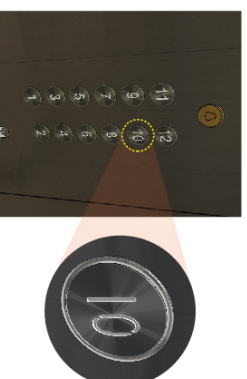
Easy to Install Wall-mounted Call

Call without bottom box does not require reservation of rectangular holes on the wall but small round holes on the wall for installation. The construction is easier and the installation is more convenient.

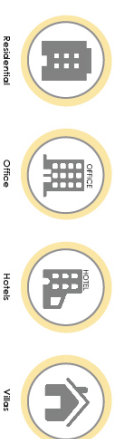


Easily Recognizable Micro-light Buttons

Micro-light design for standby status of buttons improves the recognition of the button numbers, ensuring that the floor numbers on the buttons may be read fast under dim environment.



Brand new Designed Integrated Cars Apply to a Variety of Architectural Styles

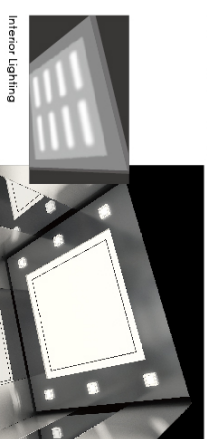


The brand new designed integrated cars apply to a majority of architectural occasions, providing various styles and satisfying diversified customer requirements:

- No additional decoration layer, and saving more space and cost;
- One-time delivery save both time and labour;
- Original quality, safe and secure.

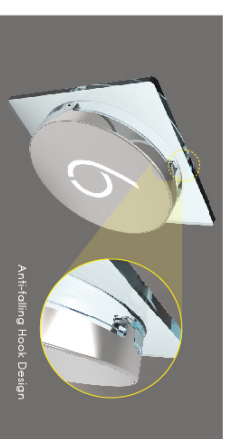
Energy Saving and Environment Friendly LED Lighting

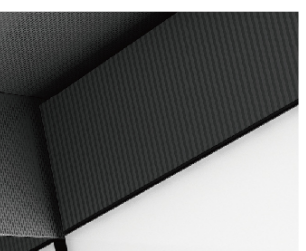
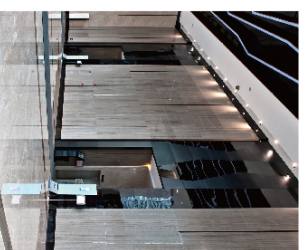
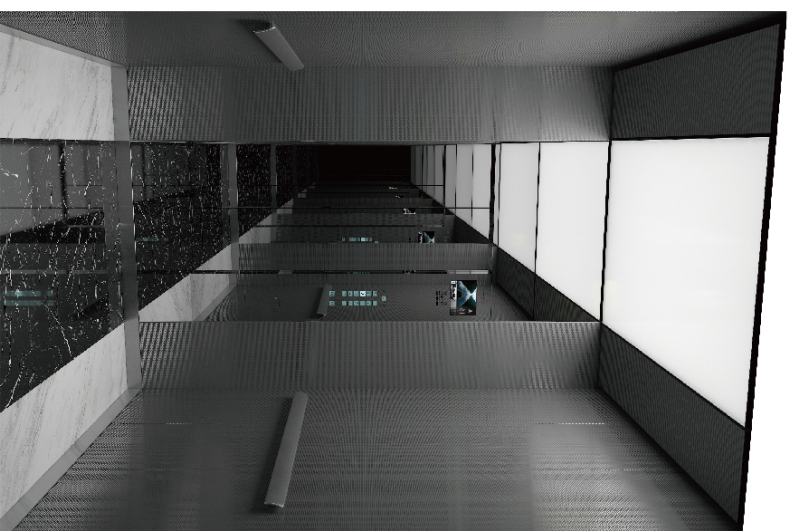
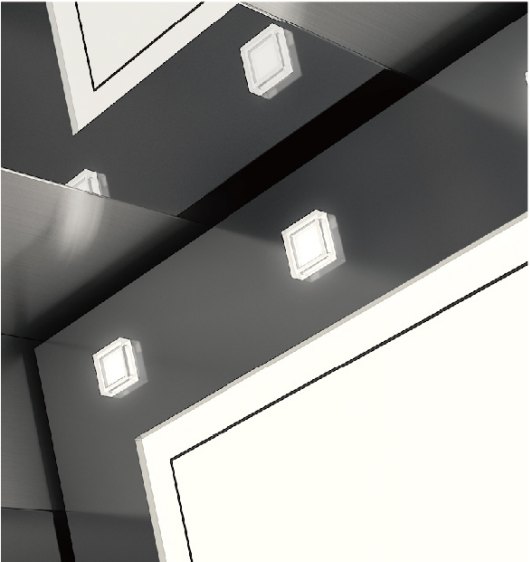
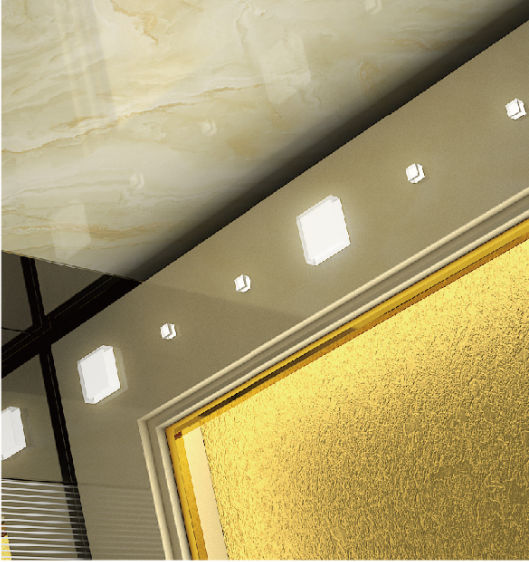
The car roofs of LEHY-III are all changed into LED lighting, which has 5 times longer service life than the traditional fluorescent tubes, saving at least 50% electrical cost and thus greatly reducing the maintenance and use costs.



Durable Buttons

The button lifter reaches up to 5 million times. The reinforced stainless steel button caps designed dedicated for residential elevators adopts anti-falling hook design, which may be resistant to sabotage. (The block falling from a height of 0.5m to the button surface for three times and the button can still work normally.)





Modern Simple



Pinzun Cabinet / ZCD-020G LED

Car Ceiling

ZCL-DS12

Operation Panel

ZCBDO-1710(Priory) / ZCBDO-1760(Auxiliary)

(Mirror Panel) (Can select other models)

Front Wall

Mirror Stainless Steel

Side Walls

Hairline Etched Titanium Plated Stainless Steel (ZHF-003+ZDT-005)

Back Wall

Two Sides with Hairline Etched Titanium-coated Stainless Steel (ZHF-003+ZDT-005)

Central Mirror Stainless Steel

Car Door

Mirror Stainless Steel

Unifil

Mirror Stainless Steel

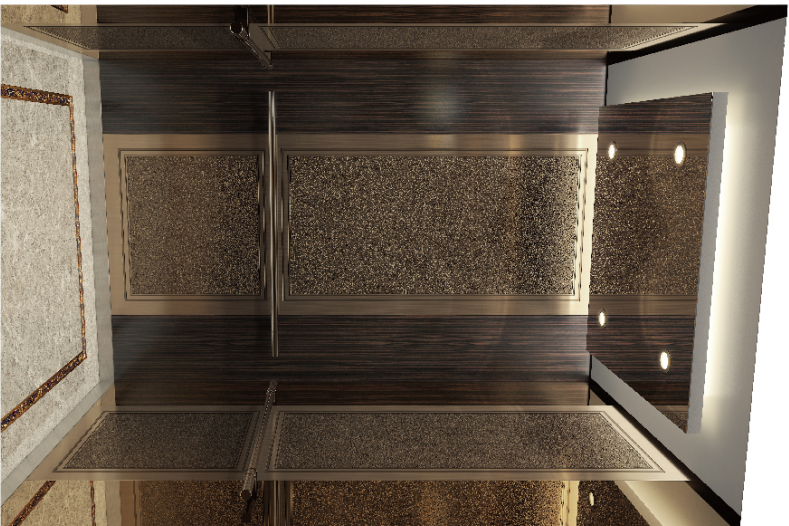
Handrails

Two-side Stainless Steel Oblique Handrail (ZYH-SH01)

(Can provide none or select other models)

Floor

Marble Floor (ZSC-001) (Can select other models)

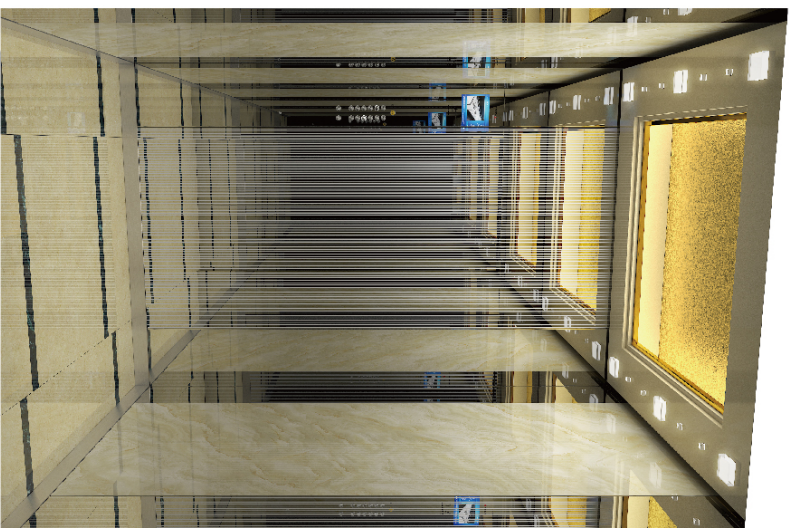


Jueshi House / ZCD-022X LED

- Car Ceiling**
ZCL-GS08
- Operation Panel**
ZCB802-1710
(Mirror Titanium-coated ZDT-006 Panel) (Can select other models)
- Front Wall**
Mirror Titanium-coated Stainless Steel (ZDT-006)
- Side Walls**
Two-side Mirror Titanium-coated Stainless Steel (ZDT-006)
Central Halime Etched and Antique Bronze Treed Stainless Steel (ZHF-002)
- Back Wall**
Two-side Pressed-film Steel Sheet (ZYM-016)
Central Halime Etched and Antique Bronze Treed Stainless Steel (ZHF-002)
- Car Door**
Mirror Titanium-coated Stainless Steel (ZDT-006)
- Lintel**
Mirror Titanium-coated Stainless Steel (ZDT-006)
- Handrails**
Three-side Stainless Steel Round Handrails (ZYH-RH01)
(Can provide none or select other models)
- Floor**
Marble Floor (ZSC-014) (Can select other models)

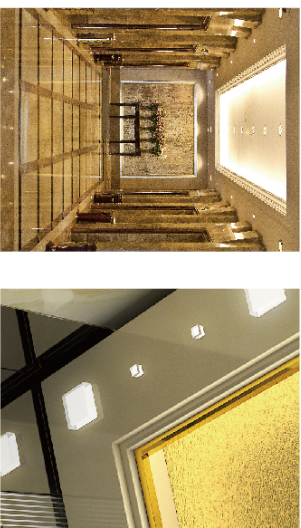


New Classics

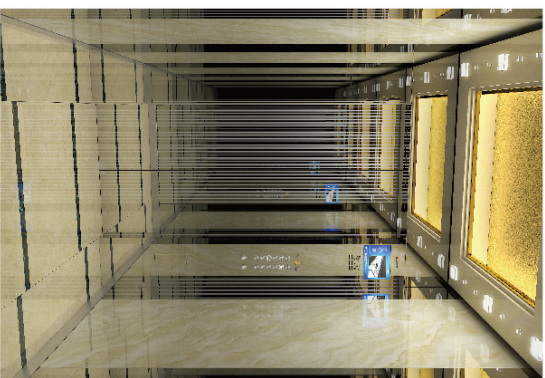


Guixin House / ZCD-019X LED

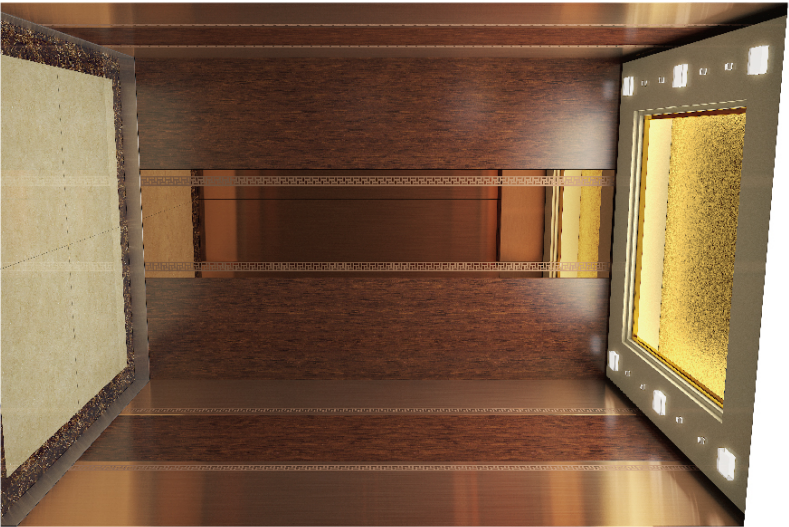
- Car Ceiling**
ZCL-GS16 (Color code: Y033)
- Operation Panel**
ZCBA11-1710
(Mirror Panel)(Can select other models)
- Front Wall**
Mirror Stainless Steel
- Side Walls**
Two-side Mirror Stainless Steel
Central Laminated Steel Sheet (ZYM-014)
- Back Wall**
Two-side Mirror Stainless Steel
Central (Mirror Etched Stainless Steel (ZHY-013)
- Car Door**
Mirror Stainless Steel
- Lintel**
Mirror Stainless Steel
- Floor**
Marble Floor (ZSC-002) (Can select other models)



Modern Luxury



Note: If you have any other requirements for car configuration, please contact the Business Department of our company.

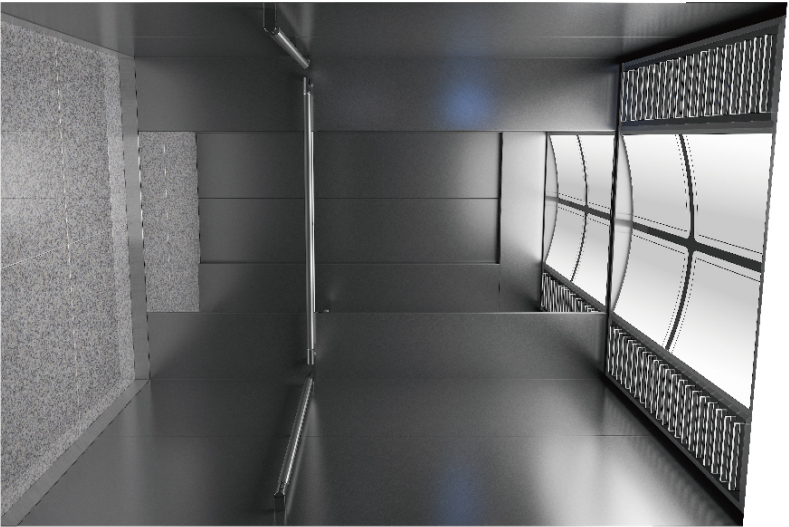


Zijing House / ZCD-021X LED

- Car Ceiling**
ZCL-CS16 (Color code: Y033)
- Operation Panel**
ZCB802-1710
(Hofline Titanium-coated ZDT-001 Panel)
(Can select other models)
- Front Wall**
Hofline Titanium-coated Stainless Steel (ZDT-001)
- Side Walls**
Two-side Hofline Etched Titanium-coated Stainless Steel (ZHY-Q28+ZDT-001)
Central Laminated Steel Sheet (ZVM-001)
- Back Wall**
Two-side Laminated Steel Sheet (ZVM-001)
- Central Mirror** Etched Titanium-coated Stainless Steel (ZHY-Q27+ZDT-001)
- Car Door**
Hofline Titanium-coated Stainless Steel (ZDT-001)
- Lintel**
Hofline Titanium-coated Stainless Steel (ZDT-001)
- Floor**
Marble Floor (ZSC-011) (Can select other models)



Modern Chinese

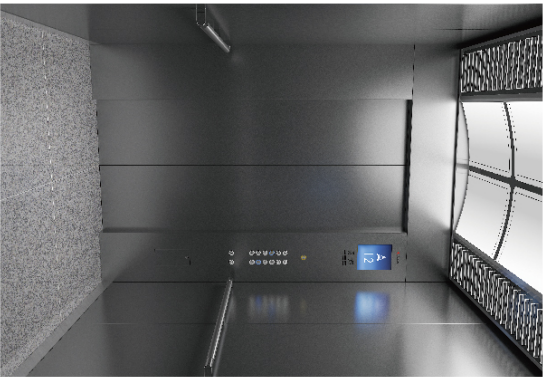


Juying Cabinet / ZCD-023G LED

- Car Ceiling**
ZCL-DS13
- Operation Panel**
ZCBA23-1310
(Titanium-coated ZDT-005 Panel with Irregularly-polished Lines)
(Can select other models)
- Front Wall**
Titanium-coated Stainless Steel with Irregularly-polished Lines (ZDT-005)
- Side Walls**
Titanium-coated Stainless Steel with Irregularly-polished Lines (ZDT-005)
- Back Wall**
Two-side Titanium-coated Stainless Steel with Irregularly-polished Lines (ZDR005)
Central Mirror Stainless Steel
- Car Door**
Titanium-coated Stainless Steel with Irregularly-polished Lines (ZDT-005)
- Lintel**
Titanium-coated Stainless Steel with Irregularly-polished Lines (ZDT-005)
- Handrails**
Three-side Stainless Steel Round Handrails (ZHY-RH01)
(Can provide none or select other models)
- Floor**
Marble Floor (ZSC-015) (Can select other models)



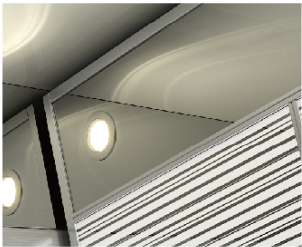
Modern Simple



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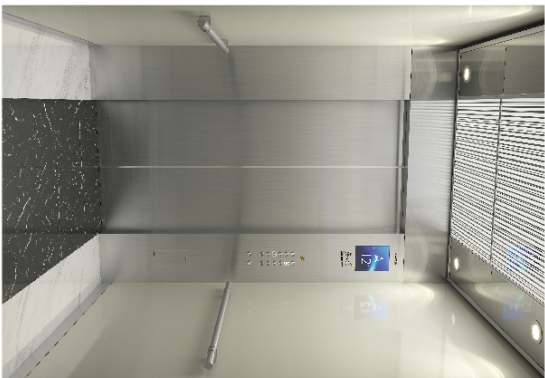


Modern Simple

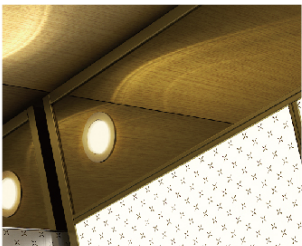


Shuyue Cabinet / ZCD-024G LED

- Car Ceiling
ZCL-GN04
- Operation Panel
ZCBA11-1310
- (Hotline Panel) (Can select other models)
- Front Wall
Hotline Stainless Steel
- Side Walls
Metallic Paint (ZLS-01 G)
- Back Wall
Two-side Mirror Stainless Steel
- Central Wiedrawing Stainless Steel with Irregularly-polished Lines (ZLF-001)
- Car Door
Hotline Stainless Steel
- Lintel
Hotline Stainless Steel
- Handrails
Two-side Stainless Steel Round Handrail (ZYH-RH01)
(Can provide none or select other models)
- Floor
Marble Floor (ZSC-001) (Can select other models)



Natural and Elegant

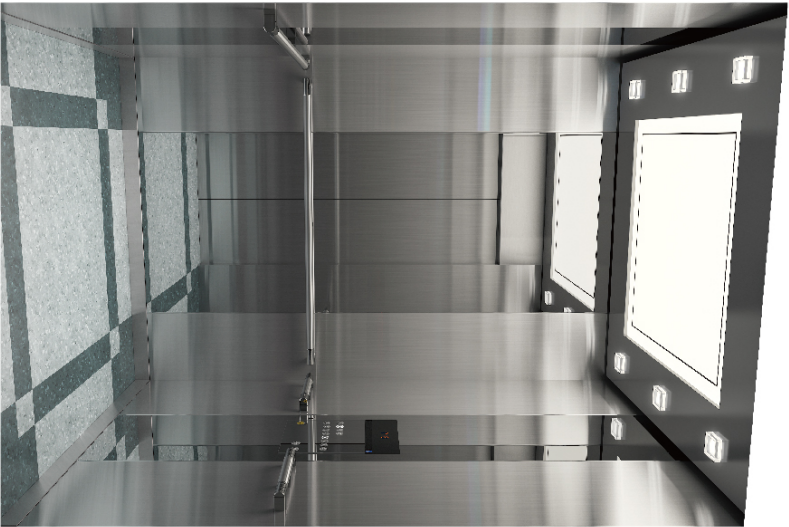


Qinfang House / ZCD-017X LED

- Car Ceiling
ZCL-GN05
- Operation Panel
ZCBA12-CS10
- (Hotline Panel) (Can select other models)
- Front Wall
Hotline Stainless Steel
- Side Walls
Laminated Steel (ZYH-015)
- Back Wall
Two-side Mirror Stainless Steel
- Central Mirror Wiedrawing Stainless Steel (ZLS-001)
- Car Door
Hotline Stainless Steel
- Lintel
Hotline Stainless Steel
- Floor
Parquet Floor (ZPH-026) (Can select other models)

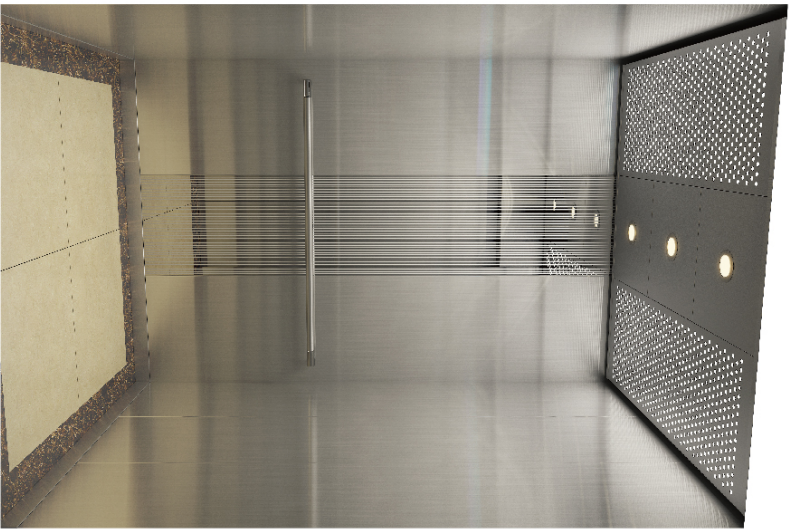
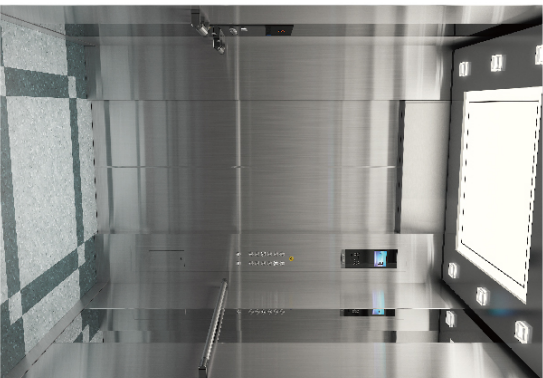
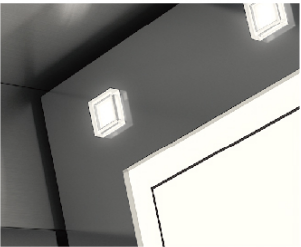


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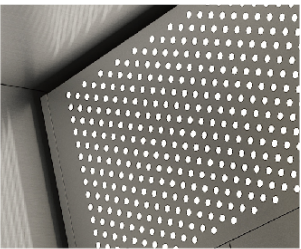
Jintai Cabinet / ZCD-025G LEDJ

- Car Ceiling**
ZCL-GS06
- Operation Panel**
ZCBA1-4-CS10
(Hotline Panel) (Can select other models)
- Wheel Chair Operation Panel**
ZCBA04-F10 (Mirror Panel)
- Front Wall**
Hotline Stainless Steel
- Side Walls and Back Wall**
Two-side Hotline Stainless Steel
- Central Mirror** Stainless Steel
- Car Door**
Hotline Stainless Steel
- Lintel**
Hotline Stainless Steel
- Handrails**
Three-side Stainless Steel Round Handrail (ZYH-RH02)
(Can provide none or select other models)
- Floor**
Parquet Floor (ZPH-014) (Can select other models)



Yishu Cabinet / ZCD-022G LEDJ

- Car Ceiling**
ZCL-GN02
- Operation Panel**
ZCBA11-CS10
(Hotline Panel) (Can select other models)
- Front Wall**
Hotline Stainless Steel
- Side Walls**
Hotline Stainless Steel
- Back Wall**
Two-side Hotline Stainless Steel
- Central Mirror** Etched Stainless Steel (ZYH-013)
- Car Door**
Hotline Stainless Steel
- Lintel**
Hotline Stainless Steel
- Handrails**
Front Stainless Steel Round Handrail (ZYH-RH02)
(Can provide none or select other models)
- Floor**
Parquet Floor (ZPH-028) (Can select other models)



Note: If you have any other requirements for car configuration, please contact the Business Department of our company.

Pictures of computer painting may slightly differ from the actual.

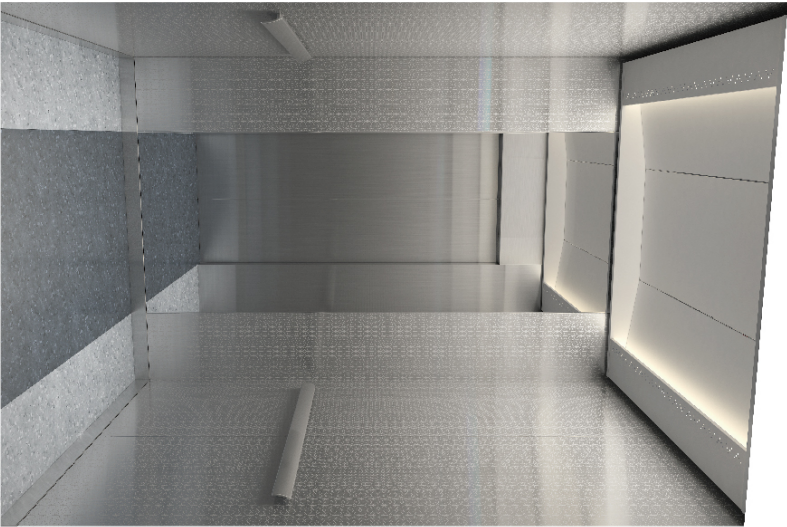


Xingyu Court / ZCD-0221 LED

- Car Ceiling**
ZCL-GN03
- Operation Panel**
ZCBA12-C210
(Hotline Panel) (Can select other models)
- Front Wall**
Hotline Stainless Steel
- Side Walls**
Hotline Stainless Steel
- Back Wall**
Mirror-Blasted Titanium-coated Stainless Steel (ZPS-002+ZDT-001)
- Car Door**
Hotline Stainless Steel
- Lintel**
Hotline Stainless Steel
- Handrails**
Two-side Stainless Steel Round Handrail (ZTH-RH02)
(Can provide none or select other models)
- Floor**
Parquet Floor (ZPH-031) (Can select other models)

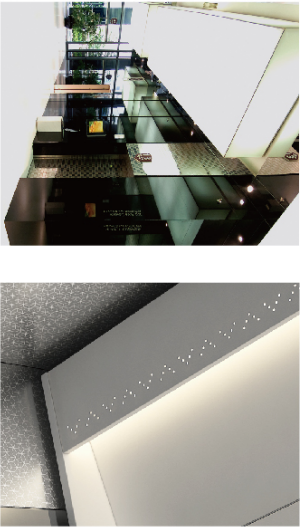


Modern Urban

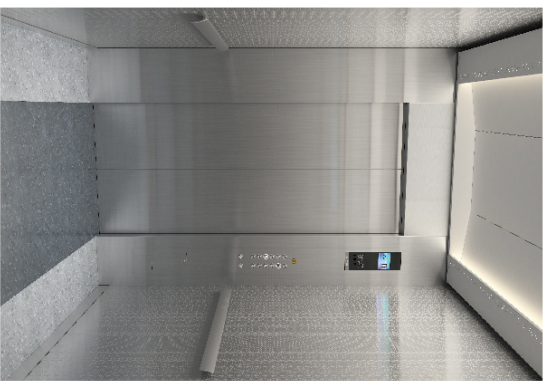


Yulin Court / ZCD-0231 LED

- Car Ceiling**
ZCL-SS06
- Operation Panel**
ZCBA11-C510
(Hotline Panel) (Can select other models)
- Front Wall**
Hotline Stainless Steel
- Side Walls**
Hotline Etched Stainless Steel (ZHY-026)
- Back Wall**
Two-side Hotline Etched Stainless Steel (ZHY-026)
- Central Mirror** Stainless Steel
- Car Door**
Hotline Stainless Steel
- Lintel**
Hotline Stainless Steel
- Handrails**
Two-side Stainless Steel Oblique Handrail (ZVH-SH01)
(Can provide none or select other models)
- Floor**
Parquet Floor (ZPH-027) (Can select other models)



Modern Luxury



Note: If you have any other requirements for car configuration, please contact the Business Department of our company.



Jingyue Court / ZCD-020T LED

Car Ceiling

ZCL-SS08 (Color code: Y033)

Operation Panel

ZCBA11-C510 (Hotline Panel) (Can select other models)

Wheel Chair Operation Panel

ZCBA04-F110 (Hotline Panel) (Can select other models)

Front Wall

Hotline Stainless Steel

Side Walls

Hotline Stainless Steel

Back Wall

Two-side Hotline Stainless Steel

Central Mirror Stainless Steel

Car Door

Hotline Stainless Steel

Lintel

Hotline Stainless Steel

Handrails

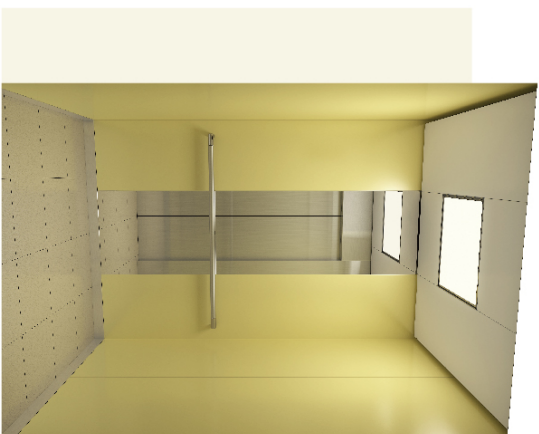
Three-side Stainless Steel Round Handrail (ZYH-RH02)
(Can provide none or select other models)

Floor

Parquet Floor (ZPH-023) (Can select other models)



Modern Simple



Pinxuan Court / ZCD-019T LED

Car Ceiling

ZCL-SN03 (Color code: Y033)

Operation Panel

ZCBA09-C110 (Hotline Stainless Steel) (Can select other models)

Front Wall

Hotline Stainless Steel

Side Walls

Painted Steel Plate (Y023)

Back Wall

Two-side Painted Steel Sheet (Y023), Central Mirror Stainless Steel

Car Door

Hotline Stainless Steel

Lintel

Hotline Stainless Steel

Handrails

Front Stainless Steel Round Handrail (ZYH-RH02)
(Can provide none or select other models)

Floor

PVC Stone Floor (ZPR-012) (Can select other models)



Haoyue Court / ZCD-021T LED

Car Ceiling

ZCL-SS07 (Color code: Y033)

Operation Panel

ZCBA11-C510 (Hotline Stainless Steel) (Can select other models)

Car Walls

Hotline Stainless Steel

Car Door

Hotline Stainless Steel

Lintel

Hotline Stainless Steel

Mirror

Half-Height Mirror

Handrails

Two-side Stainless Steel Flat Handrail (ZYH-FH10)
(Can provide none or select other models)

Floor

PVC Stone Floor (ZPR-001) (Can select other models)

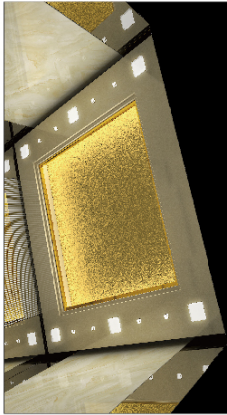


ZCL-DS12 (Optional)



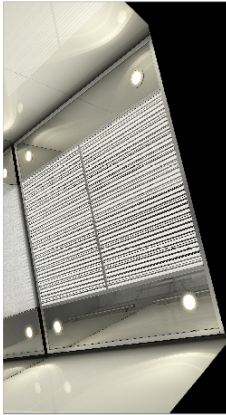
Lighting: central direct lighting, center white, translucent soft film. Two-side mirror etched stainless steel plate. Ambient lighting board: ambient metalic painting steel sheet.
Material: central ink, white printed acrylic lighting board. Two-side mirror etched stainless steel plate. Ambient lighting board: ambient metalic painting steel sheet.
Thickness: 200mm

ZCL-GS16 (Optional)



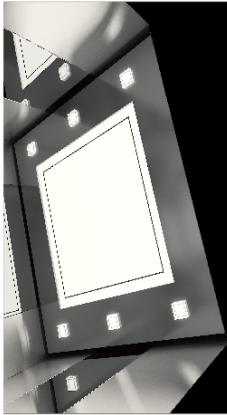
Lighting: central floodlight key lighting, two-side auxiliary lighting.
Material: central floodlight good color ambient painted steel sheet (color code: Y033, if other color possible). Two-side acrylic crystal hanging pieces.
Thickness: 200mm

ZCL-GN04 (Optional)



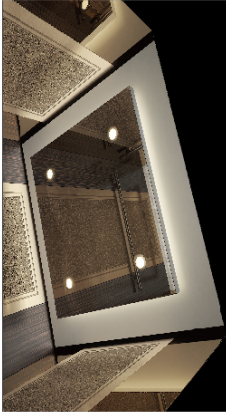
Lighting: central direct lighting, two-side down lamp lighting.
Material: central ink, white printed acrylic lighting board. Two-side mirror acrylic board, aluminum alloy frame.
Thickness: 200mm

ZCL-GS06 (Optional)



Lighting: central direct lighting, two-side auxiliary lighting.
Material: central ink, white printed acrylic lighting board. Ambient metalic painting steel sheet. Two-side acrylic crystal hanging pieces.
Thickness: 200mm

ZCL-GS08 (Optional)



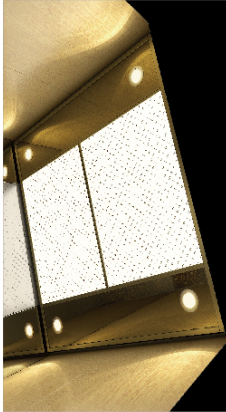
Lighting: ambient floodlight lighting, central down light direct lighting.
Material: central down light two stainless steel, ambient painted steel plate (color code: Y033).
Thickness: 200mm

ZCL-DS13 (Optional)



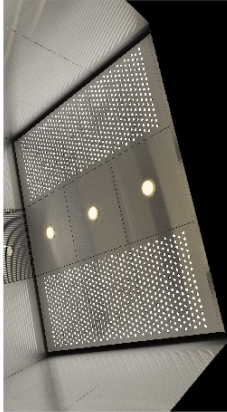
Lighting: central direct lighting, two-side auxiliary lighting.
Material: ambient ink, white printed acrylic lighting board. Two-side acrylic crystal hanging pieces.
Thickness: 200mm

ZCL-GN05 (Optional)



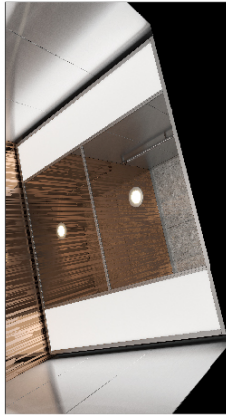
Lighting: central direct lighting, two-side down lamp lighting.
Material: central ink, white printed acrylic lighting board. Two-side golden mirror acrylic panel, aluminum alloy frame.
Thickness: 200mm

ZCL-GN02 (Optional)



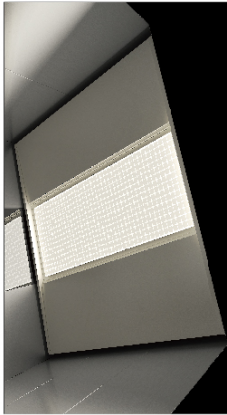
Lighting: central down lamp lighting, two-side lighting board lighting.
Material: ambient metalic painting steel ceiling panels.
Thickness: 200mm

ZCL-GN03 (Optional)



Lighting: central down lamp lighting, two-side lighting board lighting.
Material: central down lamp lighting board, two-side ink, white acrylic lighting boards, aluminum alloy frame.
Thickness: 200mm

ZCL-SS08 (Optional)



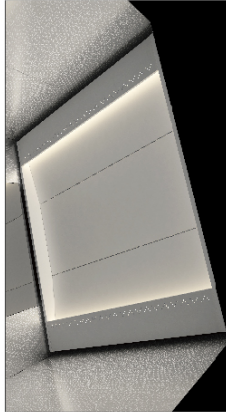
Lighting: central direct lighting.
Material: central ink, white printed lighting board. Two-side coating steel sheet (color possible). Other colors are in need, select color in accordance with Shanghai.
Thickness: 200mm

ZCL-SS07 (Optional)



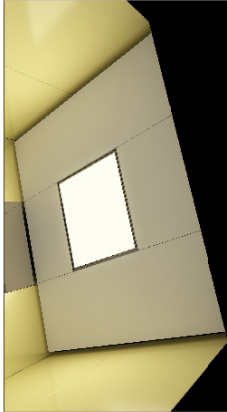
Lighting: down light direct lighting.
Material: coating steel sheet ceiling (color code: Y033, if other colors are in need, select color in accordance with Shanghai color palette).
Thickness: 100mm

ZCL-SS06 (Optional)



Lighting: two-side warm floodlight lighting.
Material: two-side warm floodlight lighting plate (color code: Y033).
Thickness: 200mm

ZCL-SN03 (Optional)



Lighting: central direct lighting.
Material: central ink, white light guide plate, purplered coating steel sheet ceiling (color possible). Other colors are in need, select color in accordance with Shanghai color palette).
Thickness: 100mm

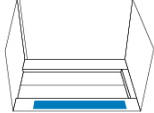
ZCL-CN01 (Empty Car Roof)

By others. (ceiling thickness: 100mm).

ZCL-CN08 (Empty Car Roof)

By others. (ceiling thickness: 200mm).

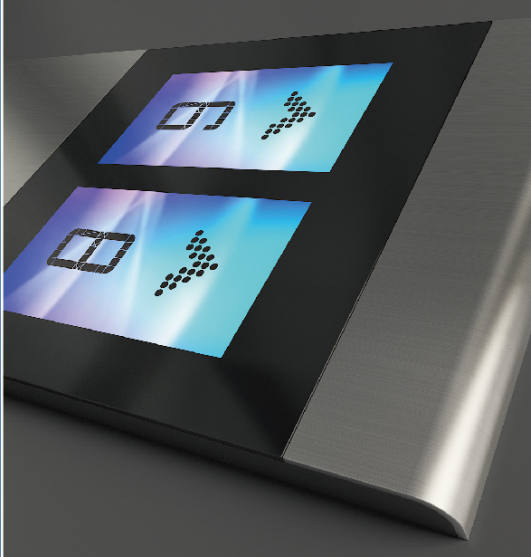
Front Wall Half Height Operation Panel



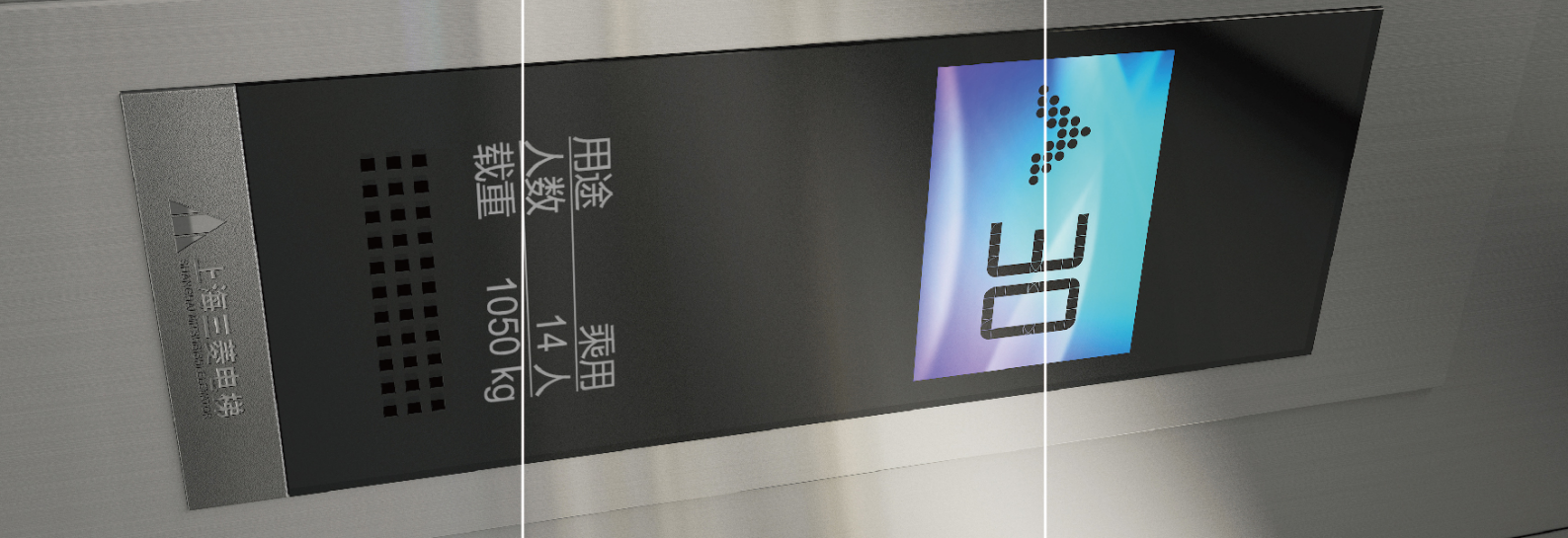
 Amber LED, classic and durable.	 5.7" Color segmented LCD, fine and vivid.	 5.7" TFT LCD, fine and vivid.
Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel
 The buttons are interchangeable. The figure shown is A09 button.	 The buttons are interchangeable. The figure shown is A11 button.	 The buttons are interchangeable. The figure shown is A23 button.
ZCB ■ -C110 (Primary) ZCB ■ -C160 (Auxiliary)	ZCB ■ -C510 (Primary) ZCB ■ -C560 (Auxiliary)	ZCB ■ -C210 (Primary) ZCB ■ -C260 (Auxiliary)

Note:

- *1 Configurable when front wall width ≥250mm.
- *2 The symbol ■ represents the button model from Page 92, it is recommended to select A01~A06 buttons when the parking floors of front wall half-height operation panel exceed 20 floors.
- *3 Please refer to Page 35 for LCD.



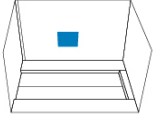
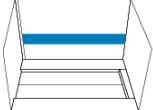
Human-machine
Component
Design



Side Wall Full-height Operation Panel

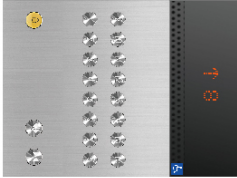
Side Wall Full-height Operation Panel
Comply with GB/ T24477 Standard

Wheel Chair
Operation Panel

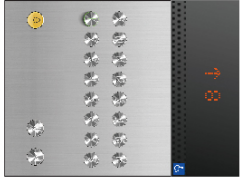


	Amber LED, classic and durable.	5.7" Color segmented LCD, fine and vivid.	5.7" TFT LCD, fine and vivid.
Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel
The buttons are exchangeable. The figure shown is A09 button.	The buttons are exchangeable. The figure shown is A11 button.	The buttons are exchangeable. The figure shown is A23 button.	

	Amber LED, classic and durable.	5.7" Color segmented LCD, fine and vivid.	5.7" TFT LCD, fine and vivid.
Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel
The buttons are exchangeable. The figure shown is A04 button.*1	The buttons are exchangeable. The figure shown is A04 button.*1	The buttons are exchangeable. The figure shown is A04 button.*1	The buttons are exchangeable. The figure shown is A04 button.*1



*3 ZCB-F110 (Primary)
ZCB-F160 (Auxiliary)

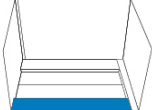


ZCB-F130 (Primary)
ZCB-F180 (Auxiliary)
Comply with GB/ T24477 Standard

Note:
*1 Configurable when front wall width <250mm.
*2 The symbol ■ represents the button model, please select button from Page 32.
*3 Please refer to Page 35 for LCD.

Note:
*1 Signal ■ represents the button model. The optional buttons of the operation panel in this page are A04, A05, A06 (complying with GB/T24477 standard). See details in Page 32.
*2 Please refer to Page 35 for LCD.
*3 The difference of the appearance of ZCB-F130 and ZCB-F110: the button of the first floor is protruding and the frames of the two sides are black.

Front-wall Integrated Operation Panel



If integrated operation panel is selected, the thickness of the side wall decoration layer decorated secondarily by the client should be less than 15mm.



ZCB-1310 (Primary) **ZCB-1710 (Primary)** **ZCB-1410 (Primary)** **ZCB-1810 (Primary)**
ZCB-1360 (Auxiliary) **ZCB-1760 (Auxiliary)** **ZCB-1460 (Auxiliary)** **ZCB-1860 (Auxiliary)**
(Configurable when front wall≥300) (Configurable when front wall≥350) (Configurable when front wall≥400) (Configurable when front wall≥450)
8.4" TFT LCD 10.4" Multimedia LCD 12.1" Multimedia LCD 15.0" Multimedia LCD
Stainless Steel Panel Stainless Steel Panel Stainless Steel Panel Stainless Steel Panel
The figure shown is A11 button. The figure shown is A23 button. The figure shown is B02 button. The figure shown is D01 button.

Wall-mounted Landing Call

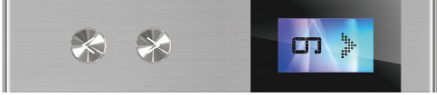
LED Dot Matrix Display



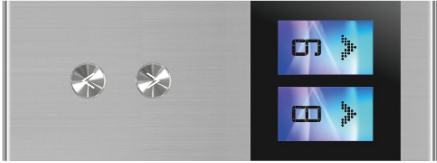
ZP10-G110
Stainless Steel Panel
Without Bottom Box

ZP10-G120
Stainless Steel Panel
Without Bottom Box

4.3" Color Segmented LCD



ZP10-G810
Stainless Steel Panel
Without Bottom Box

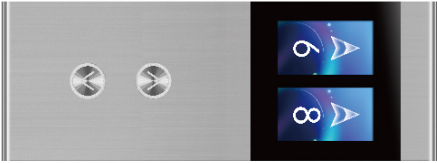


ZP10-G820
Stainless Steel Panel
Without Bottom Box

4.3" TFT LCD



ZP10-GA10
Stainless Steel Panel
Without Bottom Box



ZP10-GA20
Stainless Steel Panel
Without Bottom Box

Note:

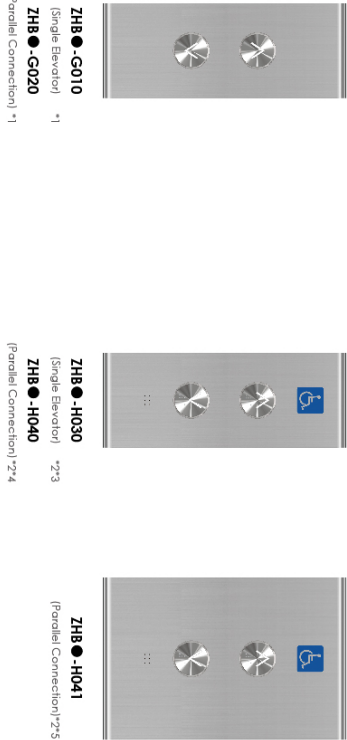
*1 The symbol ■ represents the button model, please select button from Page 32.
*2 Please refer to Page 35 for LCD.

Note:

*1 The symbol ● represents the button model, please select button Page 32.
*2 If bottom box is required, contact the sales persons for non-standard installation of bottom box. The appearance of the landing indicators with or without bottom box will be consistent.

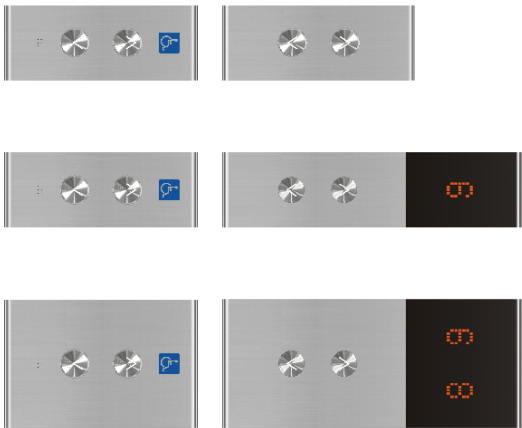
Wall-mounted Landing Call (Without Bottom Box)

Barrier-free design response, complying with GB/T24477 standard.



Matching Diagram (Respond to the requirements of the handicapped.)

Single elevator and parallel connection calls should be corresponding one by one.



Note:

- *1 The symbol ● represents the button model, please select button from Page 32.
- *2 The symbol ● represents the button model. The optional buttons are A14, A15, A16 (complying with GB24477 standard). See details in Page 32.
- *3 Required to be used together with ZH8-G010 or ZH8-G020.
- *4 Required to be used together with ZH8-G020.
- *5 Required to be used together with ZH8-G020.
- *6 If bottom box is needed, contact the sales person for non-standard installation of bottom box. The appearance of the landing indicators with or without bottom box will be consistent.

Basic Buttons

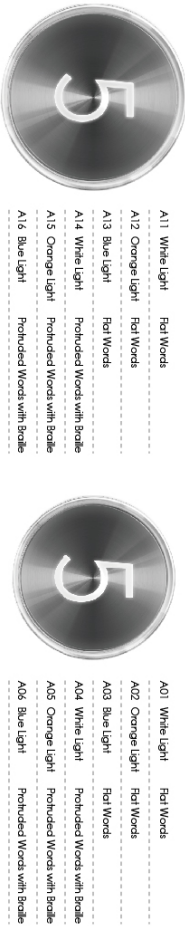
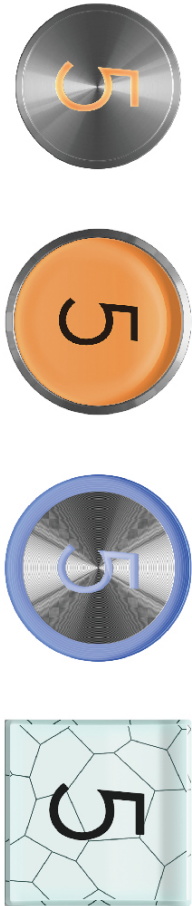


Illustration of the Button Samples



Optional Button Styles



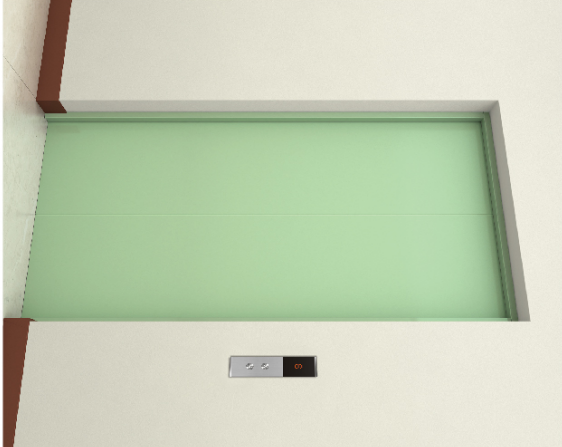
Note:

- *1 It is recommended to select A11-A16 buttons for hall call buttons when the car operation panel selects A01-A06 buttons.
- *2 A01-A06 are not optional for hall call buttons.

Hall Door and Jamb

E-102

Narrow Door Jamb
Applicable for wide cor., deep cor.



Landing Display Coil: ZPM09-G-110
Landing Door Material: Painted Steel Sheet
Jamb Material: Painted Steel Sheet

E-302

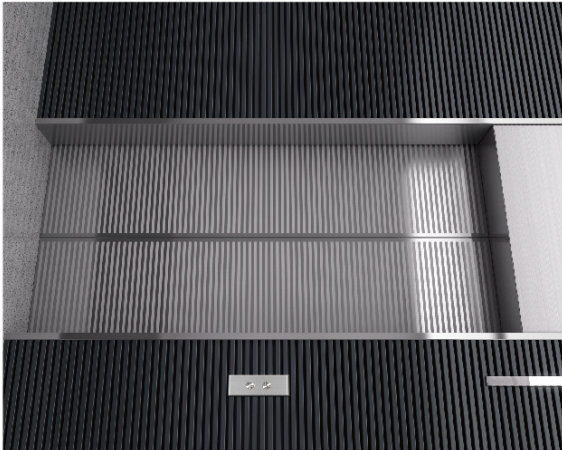
Bevel (10°) Large Door Jamb
Applicable for wide cor., deep cor.



Landing Display Coil: ZPA-11-GS10
Landing Door Material: Hairline Stainless Steel
Jamb Material: Hairline Stainless Steel

E-312

Curtain Plate Type Bevel (10°) Large Door Jamb
Only applicable for wide cor.



Landing Direction Light: ZHLV-H010
Landing Coil: ZHBA11-G010
Landing Door Material: Hairline Etched Stainless Steel (ZHY-006)
Jamb Material: Hairline Stainless Steel

E-322

Slant Curtain Plate Bevel (10°) Large Door Jamb
Only applicable for wide cor.



Landing LCD: ZPIH-N301 (Elegant Brown)
Landing Coil: ZHBA11-G010
Landing Door Material: Mirror Backed Double-color Titanium-coated Stainless Steel (ZPF-001)
Jamb Material: Mirror Titanium-coated Stainless Steel (ZDT-002)

Landing Direction Light

Should be used together with the landing coil button components referred to Page 31.



ZHLV-H021 Hairline/Mirror Stainless Steel Panels Matt white acrylic of the lighting part
ZHLV-H030 Without Panel Matt white acrylic of the lighting part
ZHLV-R061 Hairline/Mirror Stainless Steel Panels Matt white acrylic of the lighting part
ZHLV-R070 Without Panel Matt white acrylic of the lighting part
ZHLV-R050 Without Panel Matt white acrylic of the lighting part
ZHLV-B031 Hairline/Mirror Stainless Steel Panels Transparent acrylic of the lighting part (Prepared and Backed)
ZHLV-B040 Wall-mounted Type Without Bottom Box Transparent acrylic of the lighting part (Prepared and Backed)

* The above landing direction lights are all LED lighting, which are energy saving and with prolonged service life.
Each model of direction lights provides, white light, warm white light and blue light at your choice.

Diagram of the lighting color of each landing direction light



Landing Display

Should be used together with the landing coil button components referred to Page 31.



HID-A10

Embedded Large-scale Landing Display without Panel

Applicable when the Jamb model is E-312.



ZPIH-F301 *

Wall-mounted Landing Display
Transparent acrylic frame
Matt chrome-coated panel
8.4" TFT LCD

ZPIH-N301 *
Embedded Landing Display without Panel
HD 8.4" TFT LCD
Applicable when the Jamb model is E-322.

Embedded Large-scale Landing Display

Applicable when the Jamb model is non-E-312 and non-E322.

HID-A20



* Please refer to Page 35 for LCD.

Color Segmented LCD

Patented LCD technology: innovative interface design, full view, high contrast ratio.

4.3" LCD (for Landing Display)



5.7" LCD (for Operation Panel)



FTI LCD

The new generation of LCD adopts the state-of-the-art hardware driving circuits and finer LCD screens. Adopt also the brand new interface design, endowing common LCD with new vitality, livelier, more vivid and cozier. The typical interface designs of the four styles may comply with the demands of various car decorations.

Horizontal elevator operating indication
(for operation panel 5.7" for landing display 8.4")



Claiming Purple
Standard



Fragrant Green
Residence



Claiming Purple
Standard



Fragrant Green
Residence



Elegant Brown
Hotel



Gentle Blue
Business Building

Vertical elevator operating indication
(for landing display 4.3" for operation panel 8.4")



Elegant Brown
Hotel



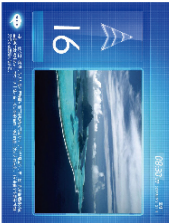
Gentle Blue
Business Building

* It is required to designate an interface when ordering the elevator.

Multimedia Information Display System (EMIDS)

Adopt stronger processing system and finer LCD. Develop several models of brand new designed interfaces on the basis of hardware update. Display multimedia information while realize elevator floor indication. Provide advertisement while bring more joyful elevator riding experience in the narrow elevator space.

10.4", 12.1", 15.0", real color 1024x768



Classic A



Classic B



Full Screen



Floor Forecast A



Floor Forecast B

* The 5 interfaces are all included in the equipment. The interface may be changed on the spot by host computer.

Handrail Type



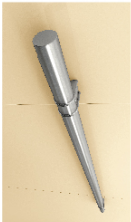
ZYH-SH01

Stainless Steel Leaning Handrail



ZYH-FH10

Stainless Steel Flat Handrail



ZYH-RH01

Stainless Steel Round Handrail



ZYH-RH02

Stainless Steel Round Handrail

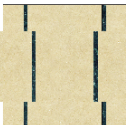
Floor Material

In order to correspond to different decoration demands, the 8 types of patterns may be corresponded by parquet noble floor or parquet PVC floor as well as single color PVC stone floor. The color code may be selected in accordance with the color sample of Shanghai Mitsubishi.

Parquet Marble Floor



ZSC-001



ZSC-002



ZSC-011



ZSC-012



ZSC-013



ZSC-014



ZSC-015



ZSC-016

Parquet PVC Floor



ZPH-027



ZPH-030



ZPH-028



ZPH-023



ZPH-026



ZPH-029



ZPH-031



ZPH-014

Project	Specifications	Notes
Car Woi and Car Door	Painted steel plate, hot-dip stainless steel, hot-dip etched stainless steel, hot-dip titanium-coated stainless steel, hot-dip etched titanium-coated stainless steel, mirror stainless steel, mirror etched titanium-coated stainless steel, stainless steel with irregularly-polished lines, titanium-coated stainless steel with irregularly-polished lines, sand-pattern stainless steel, sand-pattern titanium-coated stainless steel, metallic painting steel sheet, laminated steel sheet, film-mounting steel sheet	Applicable when the car decoration plan is self-selected.
Minor	None, half-height, full height	When the opening type is IDIG.
Handrail type	None, new wall, two side walls, three sides wall	When selecting self-selected plan for car decoration and the opening type is IDIG.
Floor	PVC stone floor, Parquet floor	When selecting self-selected plan for car decoration and the opening type is IDIG.
Landing Door	Painted steel plate, hot-dip stainless steel, hot-dip etched stainless steel, hot-dip titanium-coated stainless steel, hot-dip etched titanium-coated stainless steel, mirror stainless steel, mirror etched titanium-coated stainless steel, stainless steel with irregularly-polished lines, titanium-coated stainless steel with irregularly-polished lines, sand-pattern stainless steel, sand-pattern titanium-coated stainless steel, metallic painting steel sheet, F-Design	When selecting self-selected plan for car decoration and the opening type is IDIG.
Joint	Painted steel plate, metallic painted steel plate, hot-dip stainless steel, hot-dip titanium-coated stainless steel, mirror stainless steel with irregularly-polished lines, sand-pattern stainless steel, sand-pattern titanium-coated stainless steel	Applicable when it is E312, E322, when they are center opening doors; Applicable for E102 and E302.
	Painted steel, hot-dip stainless steel	Applicable for E312 and E322 when they are side opening doors.

Feature	Description	Code	IC-28C	IC-34D1	3-AC IF-20 IF-2100
■ Control and Security Features					
Automatic Landing with Predefined Landing Terminal Value	When the car parks at a station, if the vertical difference between the upper pane of the car sill and that of the landing door sill exceeds the predefined value, the elevator will level automatically.	AE1	①	①	①
Anti-tail Traction	When the traction rope slips or motor stall reaches the predetermined time, the elevator will stop.	ATP	①	①	①
Brake Redundancy Protection	When a group of brakes fail, the remaining brakes still can realize effective braking of the elevator.	BTB	①	①	①
Energy Feedback	Feed energy generated during operation back to the grid to save energy.	EBDK	①	①	①
Electrical Safe Stop Protection	Prevent the elevator from operating once the electrical safety devices connected together in series cut.	ESC	①	①	①
Automatic stop height measuring	Automatically measure and record story height	FAH	①	①	①
Hand Operation	Inspection operator mode for maintenance personnel.	HAND	①	①	①
Load Weighing Start	The elevator adjusts startup torque according to the car load so as to allow smooth start.	LWS	①	①	①
Over-current Protection	Stop elevator when the current through the rectifier or inverter is detected too high.	OCP	①	①	①
Over-speed Protection	Stop elevator when the running speed is detected over allowable value.	OSP	①	①	①
Over-temperature Protection	Stop elevator when over temperature of motor is detected.	OTP	①	①	①
Power Failure Protection	Stop elevator when open-phase, unbalance or other fault of power occurs.	OFF	①	①	①
Forward/Reverse Protection	If the car stops in the range of door area due to power failure, it will travel to the leveling position after the power's recovered.	FORL	①	①	①
Reversal Protection	Stop elevator when it is detected running in reverse direction.	RSP	①	①	①
Selective Cancelling	The elevator corrects the selector during operation.	SC	①	①	①
Safe Landing	If a car has stopped between floors for some reason, the controller checks the cause, and if it is considered safe to move the car, the car will move to the nearest floor and doors will open.	SL	①	①	①
Stop Open	The car door open automatically after the car stops at a floor.	SO	①	①	①
Inverter High-temperature Detect	Stop elevator when inverter high-temperature is detected.	THMF	①	①	①
Terminal Movement Decelerate	If the car stops at the terminal but the speed has not been reduced to specified value, the system will force it to decelerate and thus enable it to level normally.	TSD	①	①	①
Unintended Car Movement Protection	Elevator safely component to stop unintended car movement away from the landing with the landing door not in the locked position and the car door not in the closed position, as a result of any single failure of the lift machine or drive control system.	UCMP	①	①	①
Under speed Protection	Stop elevator when the running speed is detected under allowable value.	USP	①	①	①
■ Operational and Service Features					
Automatic Reset	When the car load exceeds 80%, adjustable rated capacity, the elevator does not respond hall call from other floor along its travel.	ABP	①	①	①
Secondary Operation Panel in the Car	Besides the primary operation panel, there is a primary operation panel in the car to facilitate passengers.	AC1	①	①	①
Attendee's service	Normal operation of the elevator is conducted by an attendee.	AS	①	①	①
Car Computer Back Up Operation	When an abnormally occurs on the car computer, the car stops at nearest floor and the elevator cannot restart.	CBK	①	①	①
Car Call Cancelling	When a car has responded to the final car call or landing call in one direction, the system automatically checks and clears remaining car calls from the memory.	CCC	①	①	①
Car Fan Shut Off - Automatic	If there are no calls for a specified period, the car ventilation fan will automatically be turned off to conserve energy.	CFO-A	①	①	①
Car Fan Shut Off - Manual (optional)	The car ventilation fan is turned off by combination buttons on the operation panel.	CFO-B	①	①	①
Car Light Shut Off - Automatic	If there are no calls for a specified period, the car light will automatically be turned off to conserve energy.	CLO-A	①	①	①
Car Light Shut Off - Manual (optional)	The car light is turned off by combination buttons on the operation panel.	CLO-B	①	①	①
Continuity of Service	To ensure normal operation of elevator in a whole group, when a certain elevator cannot respond registered landing calls, it will be excluded from landing call service, and service is provided by other elevators.	CO1	—	①	①
Emergency Dedicated Air Conditioning	Air conditioning for elevator car.	EAC-1	①	①	①
Safe-stop	Diagnose abnormalities and faults occurred during elevator operation.	EAC-2	①	①	①
Fail Switch	Switch to detecting state of fail	EB1-3W	①	①	①
False Call Cancelling - Automatic	If the number of registered calls is not agree with the number of passengers, it will cancel all calls to avoid unnecessary stops.	FCB-A-1	①	①	①
False Call Cancelling - Manual (optional)	If the wrong car button is pressed, it can be cancelled by quickly pressing the same button again twice.	FCB-A-2	①	①	①
Hall Call Bypass - Manual (hall button type)	If the wrong hall calling button is pressed, it can be cancelled by quickly pressing the same button again twice.	PHC-A	①	—	①
Hall Call Bypass - Manual (hall button type)	When one elevator cannot take all passengers, the landing button remains registered state, and the system will assign another elevator to provide service.	PHC-B	①	①	①
Automatic Hall Call Registration	Maintain service of individual elevators when group control becomes invalid due to failure of the group control controller or failure of communication between the group control and individual elevators.	RCAT	①	①	①
Group Control Backup Service	When an abnormally occurs on the hall computer, the car stops at nearest floor and the elevator cannot restart.	CCBK	—	①	①
Hall Computer Back Up Operation	When an abnormally occurs on the hall computer, the car stops at nearest floor and the elevator cannot restart.	HCBK	①	①	①
Hall Out-of-Service Operation	Turn on or shut off the elevator by operating the "RUN/STOP" switch installed on specified floor.	HOS	①	①	①
Independent service	Using the independent switch in the operation panel, the car can respond only to car calls without interrupting service.	IND-1	①	①	①
Non-response to specific floor (lock type)	Opening the switch can cancel service to specified floor.	NC-X2	①	①	①
Non-response to specific floor (lock type)	Cancel service to specific floor by operating buttons on the operation panel and the setting switch.	NC-X3	①	①	①
Non-response to specific floor (time type)	When landing call or car call is registered but the car cannot start within the predetermined time, it will clear the assigned landing call, reserve the car call light up the Alarms lamp, and sound the Alarms bell.	NC-T-22	①	①	①
Hall Stop Operation	When the car call light up the Alarms lamp, and sound the Alarms bell.	NS1-1	①	①	①
Next Landing	After the car has stopped at a destination floor, the next door cannot open fully, it will close the doors and continue to run to the next floor until the next car call is received at the destination floor.	NXL	①	①	①
Overload Holding Stop	When the car is overloaded, the door remain open and a buzzer sounds.	OH	①	①	①
Remote Control Stop	Start or stop the car through the remote control switch.	RC1-1	①	①	①
Return Operation	Opening Return switch to immediate call the car back to specified floor and park there.	RET-1	①	①	①
Serial Call Service (car button type)	Lock certain floor on the operation panel by setting password. The buttons of these specified floor can only be registered after the password is entered on the operation panel.	SC1-8	①	①	①
Serial Call Service (IC card type)	The buttons of certain specified floor can only be registered via IC card.	SC1-C	①	①	①
■ Emergency Operation Features					
Emergency Car Lighting	Immediately provide car lighting when normal lighting power supply ceases.	ECU	①	①	①
Emergency Emergency Return (3-axis)	When 3-axis earthquake detector cuts, the car immediately parks at the nearest floor with door opened.	EEA-1	①	①	①
Power Failure Emergency Landing Device	When normal power supply breaks, this device will supply power to move the car to the nearest floor, level and open the doors, and allow the passengers to leave safely.	ELD-1	①	①	①
Alarm Bell	Press the alarm bell in emergency, the bell and interphone will sound.	EBD-1	①	①	①
The Emergency Return	When the Fire Emergency Return switch cuts of landing call and car calls are cancelled, and the car immediately returns to predetermined floor and parks with door opened.	FER-1	①	①	①
Operation by Emergency Power Source - Safe Automatic	When normal power supply ceases, the pre-designed car will be powered by the emergency power source of the building and automatically travel to the predetermined floor in order. Once all cars have arrived at the predetermined floor, the specified car can operate normally.	OPSA-A-1	①	①	①
Remote Service System	When the building is not fully or abnormally, by the Service Center of the company, it can be contacted by a timely service team, and the building can be repaired in a timely manner.	REMS-1	①	①	①
Monitoring System	This system uses computer to monitor the elevator's operation and position status, and provide operation command as necessary.	SMO-1	①	①	①

Feature	Description	Code	IC-28C	IC-34D1	3-AC IF-20 IF-2100
■ Door Operating Features					
Light Curtain Protection	Light curtain protection with multiple light beam.	AMS-110	①	①	①
Door Close Limit Switch on Start	When the car door can not close completely, they will reverse and open.	CL15	①	①	①
Double Door Operation	When car door use in open state, if there is no car call and landing call toward direction and the landing call in reverse direction of this door, the car door will open again.	DDOP	①	①	①
Extended Door-open Button	Press and hold the button can extend door-open time.	DDO-18	①	①	①
Door Load Detect	If the car door cannot fully open or close due to overload, the doors will act in reverse direction.	DDNG	①	①	①
Not Door Open Feature	If car doors are blocked while opening, they will close immediately.	DDOT	①	①	①
Automatic Door-open Time Adjustment	Automatically adjust door-open time according to driving calls to car calls.	DDT	①	①	①
Door Close Torque Up Control	When car door encounter extra resistance while closing, the door system will automatically increase the torque.	DDC	①	①	①
Exceeding of Door Closure	After the car has stopped at a station and the doors have opened, pressing Door button can make the doors to close immediately.	EDOC	①	①	①
Door Hold-off Feature	If the door-open time exceeds the predetermined value, the car will temporarily ignore the action of noncancel door-open and close the door fully.	EDC	①	①	①
Multibeam Safety Edge	Safety edge with multi-beam. Provide double protection by multi-beam and safety edge. During door closing, when a passenger or object is detected, the doors will open again.	MS1-10	①	①	①
Door Nudging Feature with buzzer	If the door-open time exceeds the predetermined value, it will give alarm sound to call the passenger and try to close the door.	NDG-111	①	①	①
Repeated Door-Close	If car doors are blocked while closing, the elevator will repeat the closing action until the defect is removed.	NDC-X-11	①	①	①
Reopen with hall button	During door closing, when hall calling button in the same direction is pressed, the door will reopen.	ROH18	①	①	①
Safety Edge	During door closing, when the safety edge detects a passenger or object, the door will reopen.	SD1-10	①	①	①
■ Information and Display Features					
Voice Announce Device	Voice announce service (Chinese) informs the passengers of related elevator information.	AA130-115	①	①	①
Voice Announce Device	Voice announce service (Chinese and English) informs the passengers of related elevator information.	AA130-115	①	①	①
Voice Announce Device	Voice announce service (English) informs the passengers of related elevator information.	AA130-115	①	①	①
Car Arrival Chime (Call)	The chime prompts the passenger the car has arrived at the destination floor. (The chime is installed on the car roof and floor)	AEC1-11	①	①	①
Car Arrival Chime (Hall)	The chime prompts the passenger the car has arrived at the destination floor. (The chime is installed on the hall)	AEC1-11	①	①	①
Immediate Prediction Function	Once a passenger has registered a landing call, it will immediately select an elevator most suitable for responding his call and inform the passenger.	AIL	—	①	①
Automatic Operation Signal Light (Hall)	The landing indicator displays the elevator's in automatic operation state.	AIL-114	①	①	①
Signal Interface Device	Outputs basic operation state signal of the elevator via the device	BA-115	①	①	①
Bypass Signal Light (Hall)	The landing indicator displays the elevator's in "Bypass operation" state.	BF1-115	①	①	①
Direction Arrows in Car	Indicates running direction with arrow in the car.	D1A	①	①	①
Direction Arrows on Hall	Indicates running direction with arrow on the hall.	D1A	①	①	①
Door-Close Button Response Light	When the Door-Close button light illuminates at the same time when the button is pressed.	D1C1	①	①	①
Extended Door-Close Button Light	When the Extended Door-Close button is pressed, the indicator light illuminates for certain period.	D1C1	①	①	①
Door-Open Button Response Light	The Door-Open button light illuminates at the same time when the button is pressed.	DOL	①	①	①
Button Counter/Timer	Record number of turn and running time of the elevator.	ECT	①	①	①
Multimedia Display in Car	Can provide audio/video or other information for the passengers (installed in the car).	EMDC-C-22	①	①	①
Multimedia Display on Hall	Can provide audio/video or other information for the passengers (installed on the hall).	EMDC-H-22	①	①	①
Evacuate Service Indication	Display that the elevator is in evacuate service state.	EXCL-115	①	①	①
Fire Emergency Return - Compelled	A fire signal is output after the fire running is completed.	FER-CP-115	①	①	①
Fire Alarm Hall lantern	Flashing lantern indicates arrival of fire and is running detection.	FLH	①	①	①
Interphone	In emergency, persons in car, on car top, or pit can use this device to communicate with persons in machine room or monitoring room.	IFP-118	①	①	①
TV cable (optional)	The cable used for video communication, installed in the car for use to monitor the real image in the supervisory room.	ITV-A-115	①	①	①
TV cable (optional)	The cable used for video communication, installed in the car for use to monitor the real image in the supervisory room.	ITV-A-115	①	①	①
TV cable (optional)	The cable used for video communication, installed in the car for use to monitor the real image in the supervisory room.	ITV-A-115	①	①	①
TV cable for SMO1	The cable used for video camera equipped with SMO1 system.	ITV-C-115	①	①	①
Operation Emergency Power Source - Compelled	A fire signal is output after the operation by emergency power source is completed.	OPFC-CP-22	①	①	①
Overload indication in Car	When the elevator is overloaded, the overload indicator lamp illuminates.	OLH-115	①	①	①
Overload indication in Car	Indicate the elevator is out of service on the hall.	RE1-115	①	①	①
Next Car Prediction	During peak service, when one elevator cannot take all passengers, the hall prediction lamp of the elevator which will provide service next will flash.	TCP-121	①	①	①
■ Group Control Features					
Block Separation Operation	Separate landing buttons into several groups and provide independent group control, and each group has its own hall calling button.	B10-121	①	①	①
Car Assignment Time	In group control, the group control system adjust car assignment according to actual situation in real time.	CAT	①	①	①
Competition-Floor Service	When temporary congestion occurs due to meeting or other events, the system will try to arrange cars to the congested floor.	CFS	①	①	①
Car Nearest Floor Service	When responding landing call, the car nearest to the floor is assigned first.	CNS	①	①	①
Destination Forecast System	After the destination floor button on the operation panel or the hall is pressed, the system forecasts the number of the elevator serving this floor. The system assigns elevator depending on the destination floor to improve traffic efficiency.	DOA-122	①	①	①
Down Peak Service	During the predetermined off-hour, elevator are continuously sent to the top floor to meet the needs of off-hour peak traffic congestion.	EP1-1	①	①	①
Emergency Operation (Number of call)	When considering passenger flow, volume and meeting passengers' demand, when the elevators' service level has exceeded the specification, the system will reduce number of car call into service to save energy.	EO1-4	①	①	①
Special floor Floor Service	Cars passing a certain floor are forced to stop at this floor.	FF1-22	①	①	①
In-use Up Peak Service	During up peak service to improve operation efficiency, the elevator one slides into 2 groups to serve high-rise zone and low-rise zone respectively.	IFP-22	①	①	①
Lunch Time Service	Car assignment can be adjusted to have certain car return to floor to accommodate the high demand during lunch time.	L15	①	①	①
Main floor Calling	When there is no landing call or car call, the car returns to main floor and parks there.	M1P	①	①	①
Mean Floor Alignment	For group control elevator, the cars park dispersed at the main floor and middle floor.	OH1	①	①	①
Prevention of Simultaneous Running	This feature prevents simultaneous running within rated running region of elevators installed in the same well to avoid noise in the car.	PR1	①	①	①
Peak Traffic Control	To alleviate temporary peak traffic, heavy traffic floor (top floor or main floor) will give priority service.	PTC	①	①	①
Specified Car Priority Service	Specified car is sent first for the landing call from specified floor in group control system (e.g. guest elevator or the elevator with basement service).	SP1	①	①	①
Specified Floor Priority Service	Provide preferential car service to a specified floor when a hall call is made at that floor.	TP1-121	①	①	①
Main Floor Changer Operation	Main floor can be changed by pressing the Changer button.	UP1	①	①	①
Light-Indicated Car Priority Service	When the traffic is light, the car with no car call load (load is less than 10%) is assigned first.	UC15	①	①	①
Up Peak Service	During the predetermined hour when the up traffic from the main floor (usually) heavy, elevator can continuously sent to main floor meet the need of up peak traffic.	UP1	①	①	①
VIP Service	A specified car can be withdrawn from group service for special VIP service.	VP1-121	①	①	①

1. Carried out emergency operation mode.

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Civil Construction Table

Item	L5H1-8										Remarks
Specification Code	P08W	P08D	P11W	P11D	P14G	P14D	P14R	P16W	P16D	P18G	
Capacity(kg)	630	630	825	825	1050	1050	1050	1200	1200	1350	
Inner Width of Car AA(mm)	1400	1100	1400	1100	1600	1100	2100	1800	1250	2000	
Inner Depth of Car BB(mm)	1100	1400	1330	1700	1800	2100	1100	1480	2100	1500	
Door Open Width (C) JJ(mm)	800/900	800/900	800/900	800/900	950/1000	800/900		1000/1100	1000	1100/1200	
Door Open Width (D) JJ(mm)	800/900	800/900	800/900	800/900	900	800/900	1200/1300	1000	1000		
Door Open Height HH(mm)	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	
Top Landing Height OH(mm)											
Fit Depth PD(mm)											
Inner Width of Hoisway AM(mm) *1	≥1800/1950		≥1850/1950		≥2050/2140		≥2400	≥2310/2340		≥2510/2540	Back CWT, Center opening door, single side open, Speed≥42.5m/s.
		≥2000			≥2110/2140		≥2400	≥2310/2340		≥2510/2540	Back CWT, Center opening door, single side open, W/O. CWT Safety Gear, Speed ≥3m/s.
≥2070/2140	≥1920/1990	≥2045/2135	≥1915/1985	≥2320/2360	≥1940/2010		≥2570/2590	≥2200			Side CWT, Center opening door, single side open, W/O. CWT Safety Gear, Speed≥41.75m/s.
		≥2110/2150	≥1930/2000	≥2330/2370	≥1950/2020		≥2570/2590	≥2200			Side CWT, Center opening door, single side open, W/O. CWT Safety Gear, Speed ≥3.25m/s.
≥2070	≥1820	≥2105	≥2015	≥2320	≥1850		≥2570	≥2010			Side CWT, Two panel sliding door, single side open, W/O. CWT Safety Gear, Speed≥41.75m/s.
		≥2120	≥1830	≥2330	≥1860		≥2570	≥2010			Side CWT, Two panel sliding door, single side open, W/O. CWT Safety Gear, Speed ≥3.25m/s.
		≥2050		≥2110			≥2400	≥2310/2340		≥2510/2540	Back CWT, Center opening door, single side open, W. CWT Safety Gear, Speed ≥3m/s.
≥2180/2250	≥2030/2100	≥2220/2270	≥2030/2120	≥2430/2470	≥2010/2080		≥2410	≥2250			Side CWT, Center opening door, single side open, W. CWT Safety Gear, Speed≥42.5m/s.
≥2140	≥1950	≥2200	≥1950	≥2390	≥1920		≥2410	≥2060			Side CWT, Two panel sliding door, single side open, W/O. CWT Safety Gear, Speed≥42.5m/s.
					≥2000/2070						Side CWT, Center opening door, W/O. CWT Safety Gear, Speed ≥3m/s.
					≥2040/2110						Side CWT, Center opening door, opposite door, W. CWT Safety Gear, Speed ≥3m/s.
					≥2060/2110						Side CWT, Two panel sliding door, W/O. CWT Safety Gear, Speed ≥3m/s.
					1910						Side CWT, Two panel sliding door, single side open, W. CWT Safety Gear, Speed ≥3m/s.
					1930						Side CWT, Two panel sliding door, single side open, W. CWT Safety Gear, Speed ≥3m/s.
					1990						Side CWT, Two panel sliding door, opposite door, W. CWT Safety Gear, Speed ≥3m/s.
Inner Depth of Hoisway BM(mm)	≥1665		≥1915		≥2090		≥1760	≥2050		≥2100	Back CWT, Center opening door, single side open, W/O. CWT Safety Gear, Speed≥41.75m/s.
			≥1930		≥2100		≥1760	≥2050		≥2100	Back CWT, Center opening door, single side open, W. CWT Safety Gear, Speed ≥3.25m/s.
			≥2070		≥2220		≥1950	≥2170		≥2220	Back CWT, Center opening door, single side open, Speed ≥3m/s.
	≥1440	≥1740	≥1490	≥2040	≥1840	≥2440		≥1800	≥2450		Side CWT, Center opening door, single side open, W/O. CWT Safety Gear, Speed≥42.5m/s.
≥1510	≥1810	≥1760	≥2110	≥1910	≥2510			≥1860	≥2510		Side CWT, Two panel sliding door, single side open, Speed≥42.5m/s.
≥1610	≥1910	≥1860	≥2210	≥2010	≥2610			≥1960	≥2610		Side CWT, Center opening door, opposite door, Speed≥42.5m/s.
≥1744	≥2044	≥1994	≥2344	≥2144	≥2744			≥2094	≥2744		Side CWT, Two panel sliding door, opposite door, Speed≥42.5m/s.
≥1740		≥1990		≥2140			≥1810	≥2100		≥2150	Back CWT, Center opening door, single side open, W. CWT Safety Gear, Speed≥42.5m/s.
≥1440	≥1740	≥1490	≥2040	≥1900	≥2440			≥1800	≥2450		Side CWT, Center opening door, single side open, W. CWT Safety Gear, Speed≥42.5m/s.
					≥2450						Side CWT, Center opening door, single side open, W/O. CWT Safety Gear, Speed ≥3m/s.
					≥2400						Side CWT,

Note1: When hoistway inner width AH and machine room inner width AM have different values, those two values correspond to two values of door open width JJ respectively

Item	LH1-II					LH1-III					Remarks
Specification Code	P-18	P18D	P21W	P-21	P21L	P21D	P-24	P-27	P-30	P-33	
Capacity(kg)	1380	1380	1600	1600	1600	1600	1800	2025	2250	2500	
Inner Width of Car A(A)(mm)	1800	1400	2000	1800	1400	1400	2100	2100	2300	2300	
Inner Depth of Car B(B)(mm)	1680	2100	1700	1900	2400	2100	1800	1950	1950	2130	
Door Open Width (C0) J(J)(mm)	1100/1200	1100	1100/1200	1100/1300	1100	1100/1200	1100	1200	1200	1200	
Door Open Width (2) J(J)(mm)	1100/1300	1100		1100/1300	1100	1100/1200					
Door Open Height H(H)(mm)	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100	2100	2100	2100	
Top Landing Height O(H)(mm)	See civil construction drawing LH1-II-94 for detail.					See civil construction drawing LH1-II-94 for detail.					
Pt Depth D(D)(mm)											
Inner Width of Hoisway A(H)(mm) *1			≥2400				2700	2700	2900	2900	Back CWT, Center opening door, single side open, Speed≥4.25m/s.
			≥2400								Back CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥3m/s.
	≥2590/2690	≥2370		≥2670/2740	≥2470	≥2570/2640					Side CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥1.75m/s.
	≥2590/2690	≥2370		≥2670/2740	≥2470	≥2570/2640					Side CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥2.25m/s.
	≥2870	≥2150		≥2670	≥2270	≥2470					Side CWT, Two panel sliding door, single side open, W/O, CWT Safety Gear, Speed≥1.75m/s.
	≥2870	≥2150		≥2670	≥2270	≥2470					Side CWT, Two panel sliding door, single side open, W/O, CWT Safety Gear, Speed≥2.25m/s.
			≥2400								Back CWT, Center opening door, single side open, W, CWT Safety Gear, Speed≥3m/s.
	≥2425	≥2430		≥2700/2770	≥2500	≥2400/2470					Side CWT, Center opening door, single side open, W, CWT Safety Gear, Speed≥2.5m/s.
	≥2400	≥2200		≥2700	≥2300	≥2500					Side CWT, Two panel sliding door, single side open, W, CWT Safety Gear, Speed≥2.5m/s.
											Side CWT, Center opening door, W/O, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Center opening door, single side open, W, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Center opening door, opposite door, W, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Two panel sliding door, W/O, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Two panel sliding door, single side open, W, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Two panel sliding door, opposite door, W, CWT Safety Gear, Speed≥3m/s.
Inner Depth of Hoisway B(H)(mm)			≥2340				2550	2700	2700	2880	Back CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥1.75m/s.
			≥2340								Back CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥2.25m/s.
											Back CWT, Center opening door, single side open, Speed≥3m/s.
	≥1990	≥2440		≥2230	≥2730	≥2430					Side CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥2.5m/s.
	≥2040	≥2510		≥2320	≥2820	≥2520					Side CWT, Two panel sliding door, single side open, Speed≥2.5m/s.
	≥2160	≥2610		≥2410	≥2910	≥2610					Side CWT, Center opening door, opposite door, Speed≥2.5m/s.
	≥2294	≥2744		≥2544	≥3044	≥2744					Side CWT, Two panel sliding door, opposite door, Speed≥2.5m/s.
			≥2370								Back CWT, Center opening door, single side open, W, CWT Safety Gear, Speed≥2.5m/s.
	≥1990	≥2440		≥2230	≥2730	≥2430					Side CWT, Center opening door, single side open, W, CWT Safety Gear, Speed≥2.5m/s.
											Side CWT, Center opening door, single side open, W/O, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Center opening door, single side open, W, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Center opening door, opposite door, Speed≥3m/s.
											Side CWT, Two panel sliding door, single side open, W/O, CWT Safety Gear, Speed≥3m/s.
											Side CWT, Two panel sliding door, opposite door, Speed≥3m/s.
Inner Width of Machine Room A(M)(mm) *1			≥2400				2700	2700	2900	2900	Back CWT, Center opening door, single side open, Speed≥2.5m/s.
			≥2400								Back CWT, Center opening door, single side open, W/O, CWT Safety

Note1: When hoistway inner width AH and machine room inner width AM have different values, those two values correspond to two values of door open width JJ respectively

Item	Specifications						Remark
Speed (m/s) Capacity (kg)	1	1.6	1.75	2	2.5	3	LEH-III
	630	630	630				
	825	825	825	825	825		
	1050	1050	1050	1050	1050		
	1200	1200	1200	1200	1200		
	1350	1350	1350	1350	1350		
	1600	1600	1600	1600			
	1800	1800	1800				
	2025	2025	2025				
	2250	2250	2250				
Max. Travel Height TR (m)	2500	2500	2500				LEH-IIIW
	55	90	90	120	120	150	
Specification Code	P08W, P08D						For 630kg capacity For 825kg capacity For 1050kg capacity For 1200kg capacity For 1350kg capacity For 1600kg capacity For 1800kg capacity For 2050kg capacity For 2250kg capacity For 2500kg capacity
	P11W, P11D						
	P14W, P14D, P14R						
	P16W, P16D						
	P18G, P-18, P18D						
	P21W, P-21, P21D, P21L						
	P-24						
	P-27						
	P-30						
	P-33						
Car Type	Wide car						For specification codes P08W, P11W, P14W, P14R, P16W, P18G, P-18, P21W, P-21, P-24, P-27, P-30, P-33
	Deep car						
Counterweight Position	Back						For specification codes P08D, P11D, P14D, P16D, P18D, P21D, P21L
	Back						
Side	Back						For specification codes P08W, P-24, P-27, P-30, P-33 and speed $\leq 1.75m/s$; For specification codes P11W, P11D, P14W, P16W, P18G and speed $\leq 3m/s$; For specification codes P11W, P11D, P14W, P16W, P18D, P-18, P18D, P-21, P21D, P21L and speed $\leq 2.5m/s$; For specification codes P14D and speed $\leq 3m/s$.
	Side						
	Side						
	Side						
Door Type	1D1G						For back CWT
	1D1G, 1D2G, 2D2G						
Door Opening Way	Two panel sliding, Center opening						LEH-III, In the case where door type is 1D1G.
	Center opening						
Door Opening Direction	Center opening						LEH-IIIW
	Left opening, Right opening						
Counterweight Safety Gear	Not provided, Provided						In the case where opening way is two panel sliding.
	Not provided						
Noising	Concrete noising will be provided by the customer.						LEH-III
	Steel noising will be provided by the seller.						
Min. Storey Height (mm)	See civil construction drawing LEH-III-94 for detail						LEH-III
	See civil construction drawing LEH-IIIW-06 for detail						
							LEH-IIIW



上海三菱电梯有限公司
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