

**MULLER ELEVATOR (THAILAND) CO., LTD.**

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**MÜLLER**



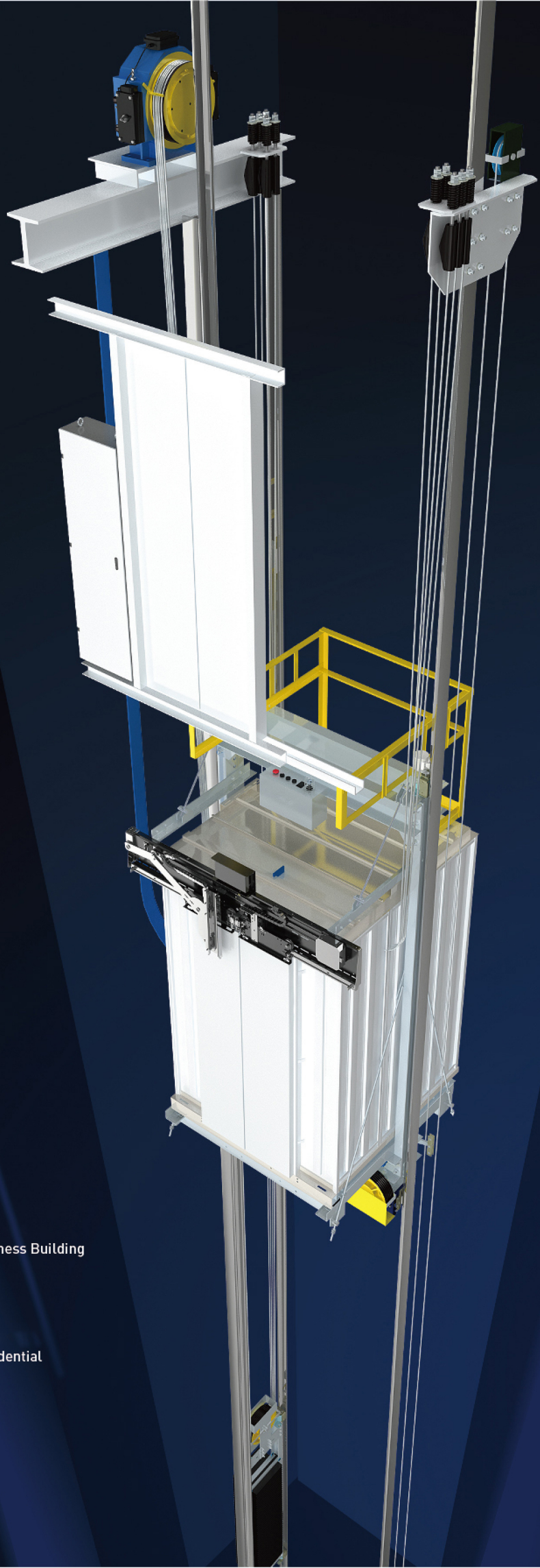
**MACHINE ROOMLESS  
PASSENGER ELEVATOR**



## BEING PEOPLE-ORIENTED, STARTING FROM THE HEART

Being people-oriented, it adopts intelligent modern technology,  
Uses the latest elevator manufacturing technology,  
Achieves high availability and high cost-efficiency of elevator,  
Can fully meet various space requirements of buildings at different scales and different lifestyles.

MACHINE ROOMLESS  
PASSENGER ELEVATOR

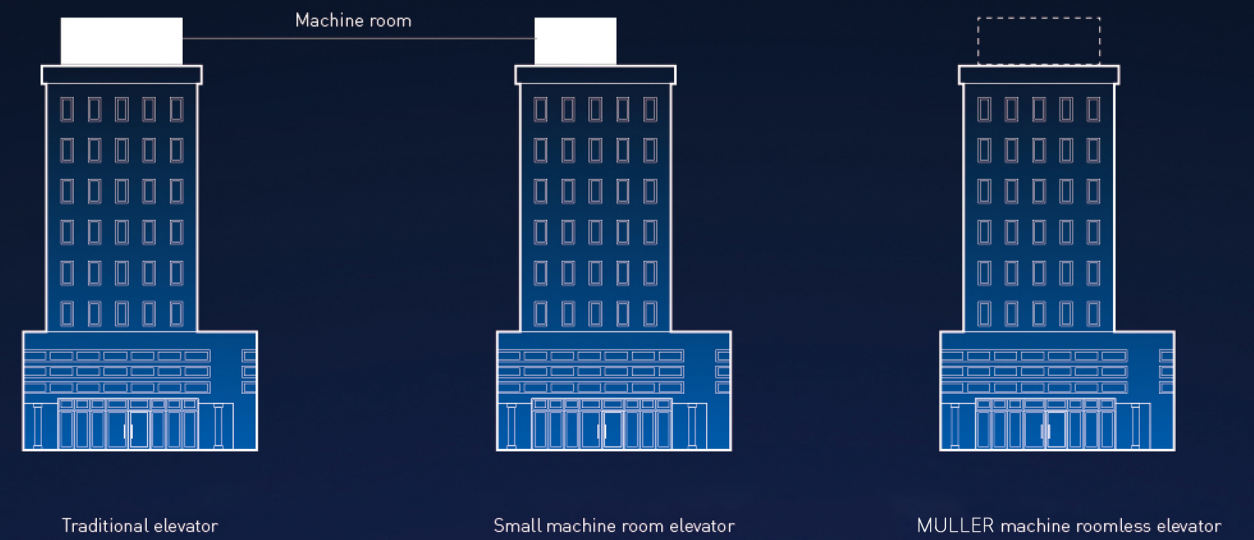


## Released space and infinite innovation

### It removes the multiple elevator restrictions at one time

MULLER machine roomless elevator removes the elevator's restrictions on construction, construction costs, architectural design style and utilization scopes. While saving space and costs, it brings passengers the efficiency and robustness of the upper wise.

#### Comparison of various types of elevator machine room



Traditional elevator

Small machine room elevator

MULLER machine roomless elevator



#### Save Construction Space

MULLER machine roomless elevator puts the entire elevator into the shaft, so that the machine room can exert no limits to the construction, which can save the construction space.

#### Save construction costs

MULLER machine roomless elevator places the control cabinet in the shaft. And there is no need to build a machine room additionally, thereby saving construction costs.

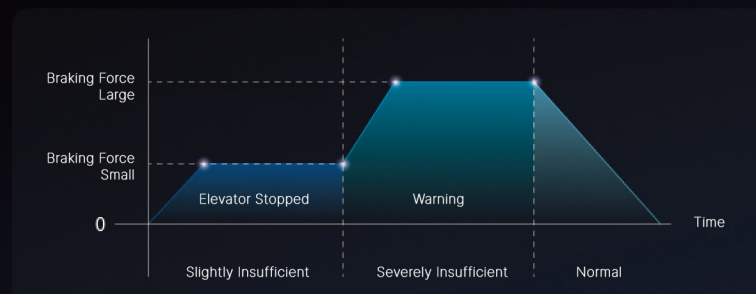
#### Optimize Construction Design

MULLER machine roomless elevator saves the space occupied by the machine room, which provides more choices for building design.

## Intrinsic strength and extraordinary stability

### Braking force self-detecting and monitoring function

It can test the braking force regularly, and prevent serious accidents from happening by prompting failure and stopping elevator from running.



### Electric release device

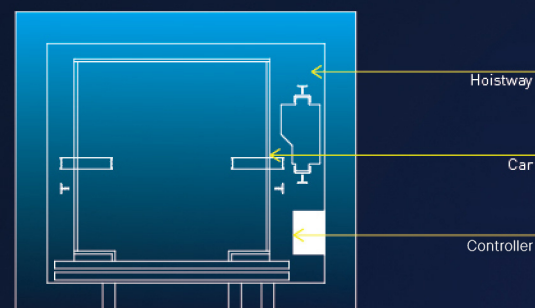
MULLER machine roomless elevator is specially equipped with the electric brake release switch so that the emergency rescue can be more timely and convenient.

### Traction rope sliding detection

The lift monitors real-time sliding data and enters emergency deceleration automatically as needed for safe operation mode.

### Inbuilt control cabinet (Optional)

The control cabinet is placed inside the shaft, so that there is no need to reserve holes in the building and the installation will be more convenient; meanwhile, the noise pollution of the machine room can be avoided effectively.

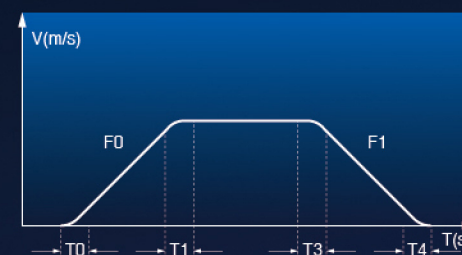


### New permanent magnetic door machine system

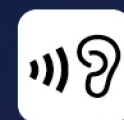
The optimized S-curve, smooth door open-close, smaller motor load shock, good self-adaptive control capability can cope with various disturbing factors and realize self-test, self-adaptation and self-regulation. The big diameter polyurethane rollers have strong abrasion resistance and can achieve quiet operation.

### A New generation of VVVF Inverter

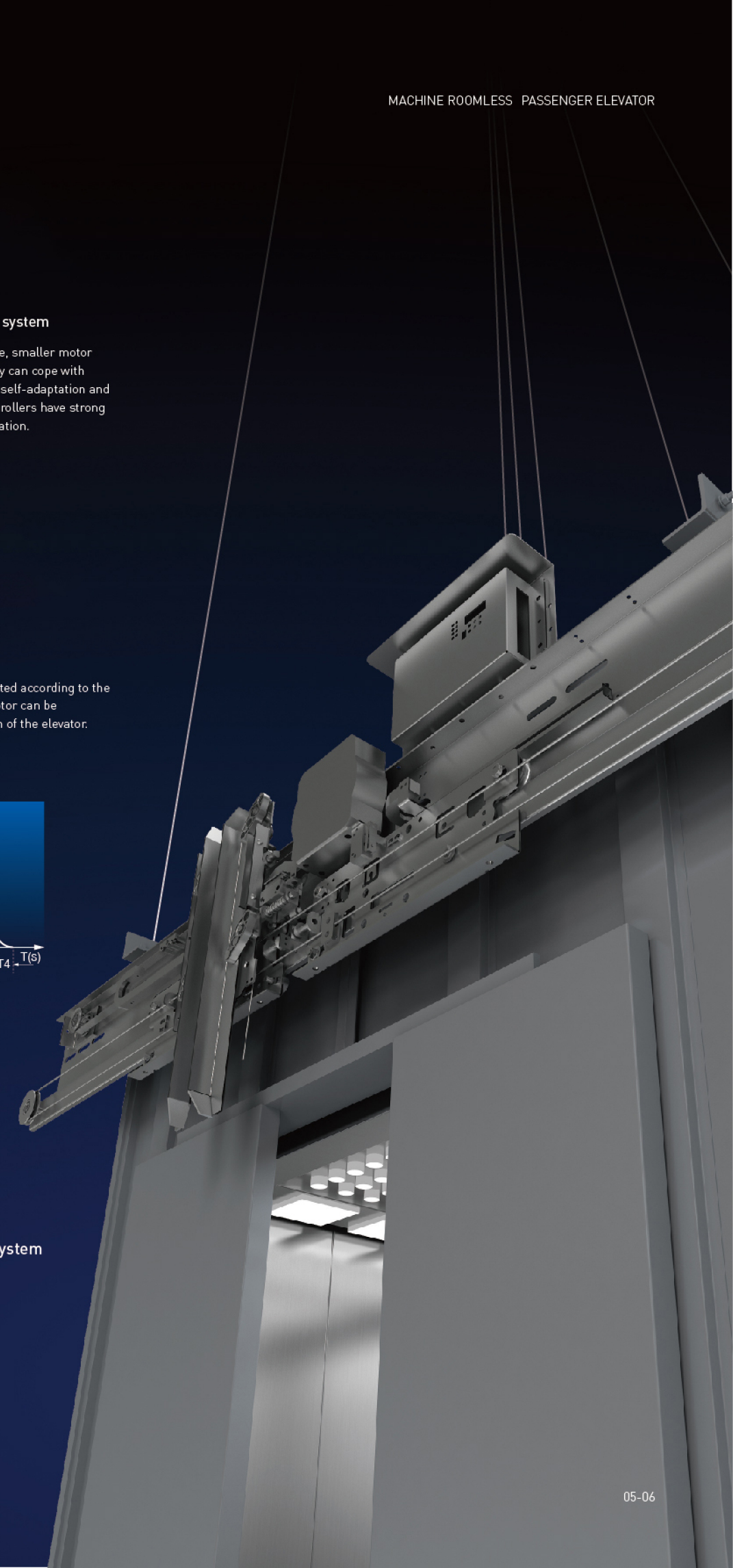
The current magnitude and phase can be adjusted according to the elevator cabin load. Rotational torque of the motor can be controlled accurately to ensure stable operation of the elevator.



### Variable frequency door operation system



### Quiet and stable



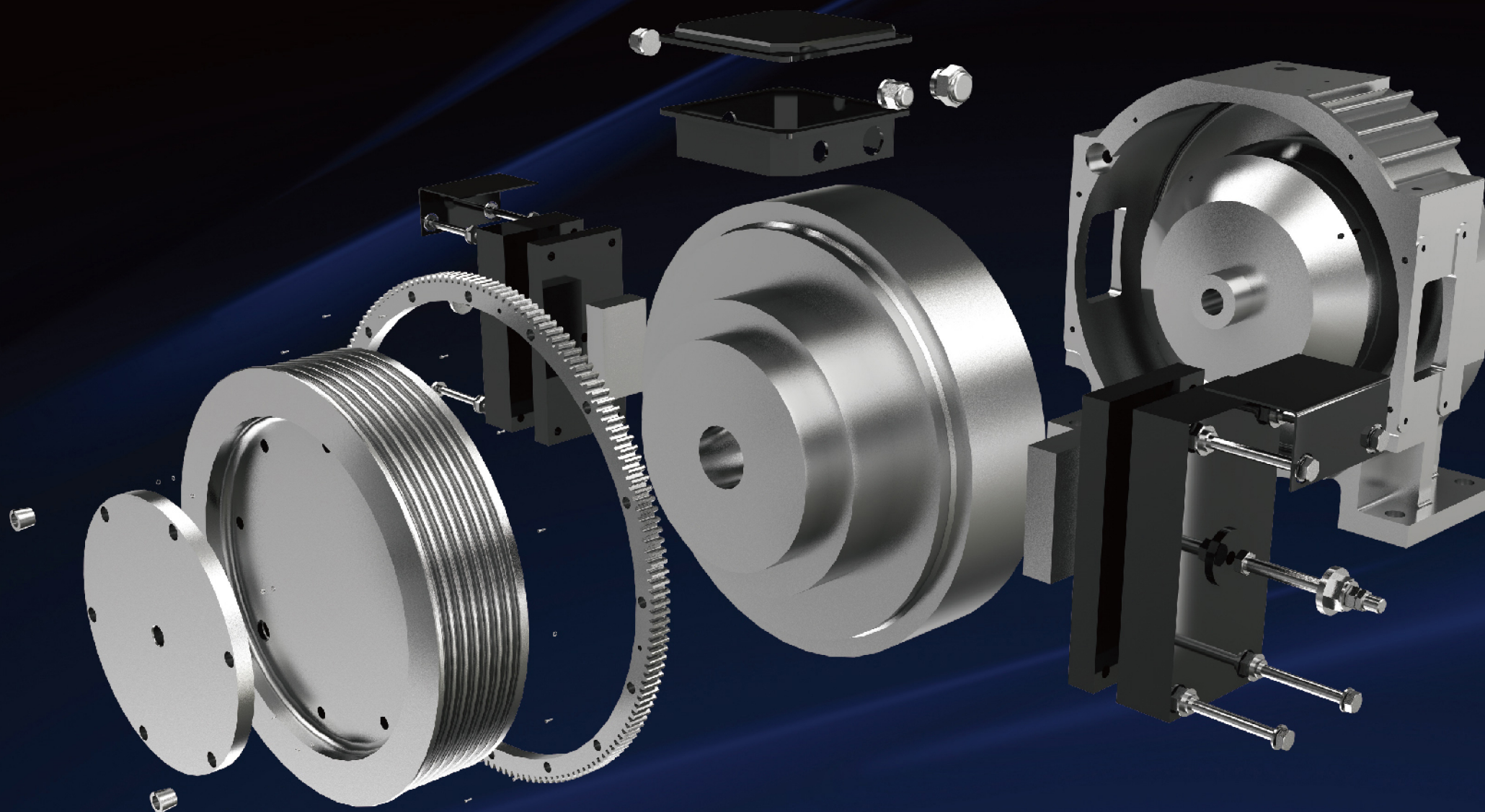
Anticipation,  
energy conservation and bearing the future

**A new generation of permanent magnet synchronous gearless traction machine**

A new generation of permanent magnet synchronous gearless traction machine can save more than 40% of the energy and it is maintenance-free. There is less noise and without need to replace grease.

**40%**

Energy Saving



**LED car lighting**

LED car lighting device has the advantages such as safety, efficiency, no-radiation, easy maintenance etc.

**LED Lighting And Standard Lighting**



**Energy saving display**

After a long period of time without a call signal, the display automatically goes into energy saving mode.

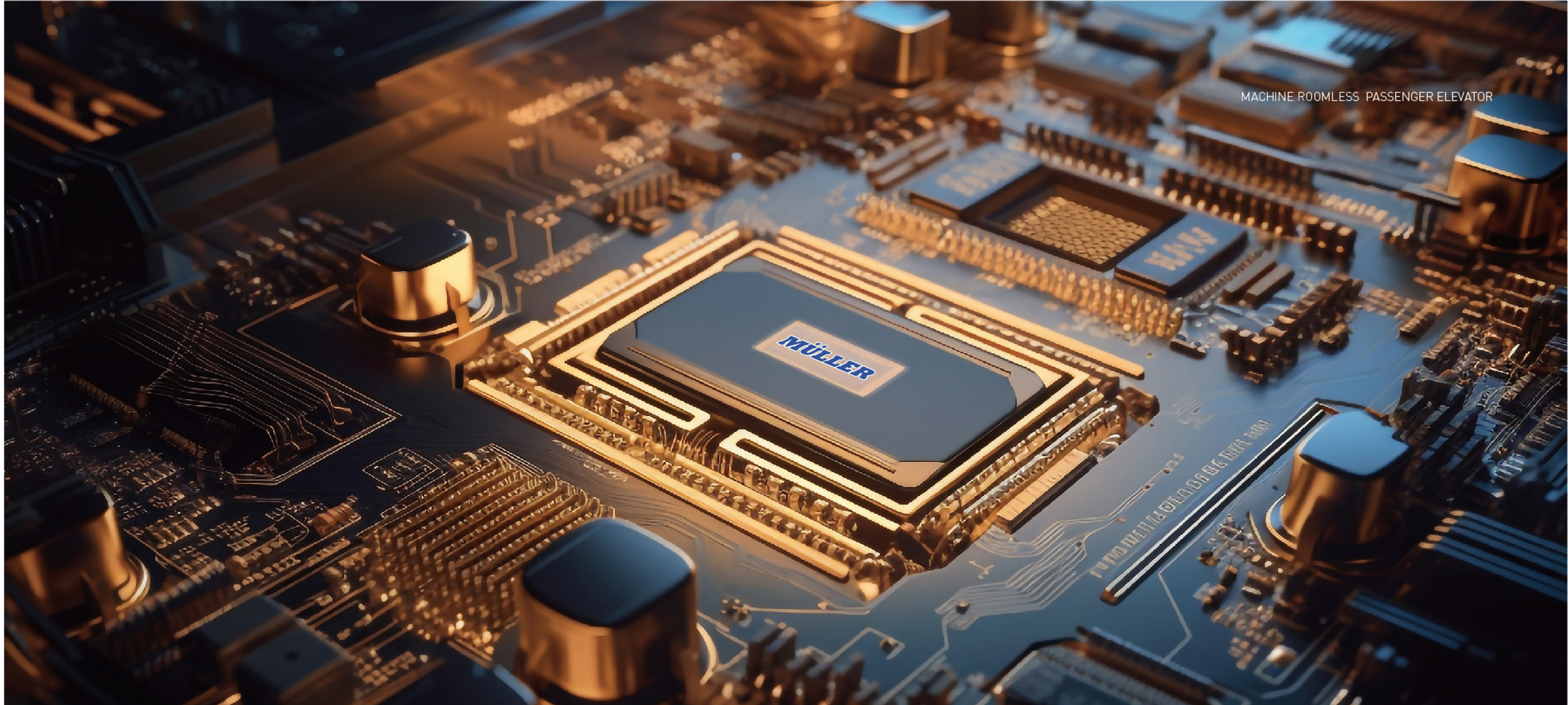
**Dormancy energy saving procedures**

In case of no callings, the elevator will start the sleep mode energy saving procedures; When there's passenger call, the device will automatically start so as to save the energy consumption during the non-operational period.

### Intelligent linkage (optional)

#### Robot Ride On Elevator

Provide the standard interface protocol 485. The robots of customers can be connected with elevators via the interface 485 autonomous elevator ride, autonomous obstacle avoidance, voice interaction, scene application, saving labor, fast and efficient.



### Intelligent Elevator Control

Provides standardized 485 interface protocols. Customer door access control, video walkie-talkies, IC card devices, etc. can be linked with the elevator through the 485 interface. If the IC card device needs to be configured, you need to select additional IC card functions.



Access Control Linkage

#### Access Control Linkage

Safe and intelligent, convenient and efficient, the usage scenario can be customized according to customer needs, and can be freely adjusted.

- Owners can unlock the elevator at the same time as unlocking the access control of the unit building through facial recognition, card swiping, and other methods, and call the elevator to the entrance level of this base station.
- Configure the automatic registration time from access control to elevator entrance during automatic registration.



Indoor Call Elevator

#### Indoor Call Elevator

One click elevator call, simple and fast, with pre call operation, saving time for homeowners.

Owners can call the elevator indoors by pressing the indoor extension or intelligent panel of the access control system, which is simple, convenient, and improves efficiency. At the same time, they can also view the operating status of the elevator, the current floor where the elevator is located, and other information.

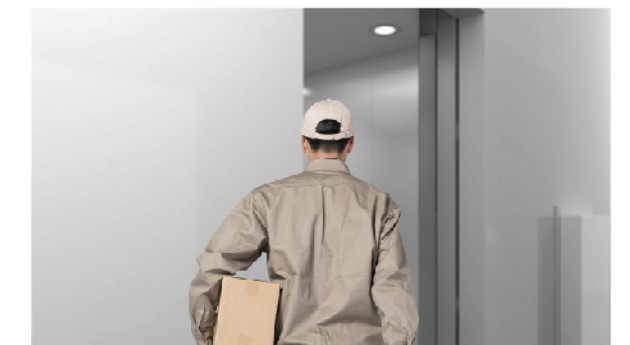


Visitor Linkage

#### Visitor Linkage

One click unlocking of access control and limited time opening of elevator permissions, making it convenient for visitors to take the elevator.

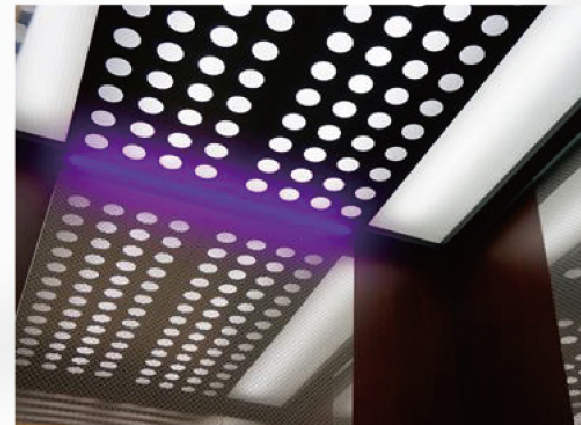
- After the owner confirms the visitor's identity, they can unlock the access control of the unit building with one click, and at the same time send the visitor instructions to the elevator on this floor to dispatch the elevator to the entrance level of the base station. After the elevator reaches the entrance level of the visitor base station, register the target floor and wait for the visitor to board.



## Healthy Elevator Ride (Optional)

### Voice-controlled Elevator Calling

Through voice interaction instructions, the elevator can support automatic floor registration, door closing and opening, destination cancellation and other functions for non-contact elevator calling, convenient and rapid.  
Available in China

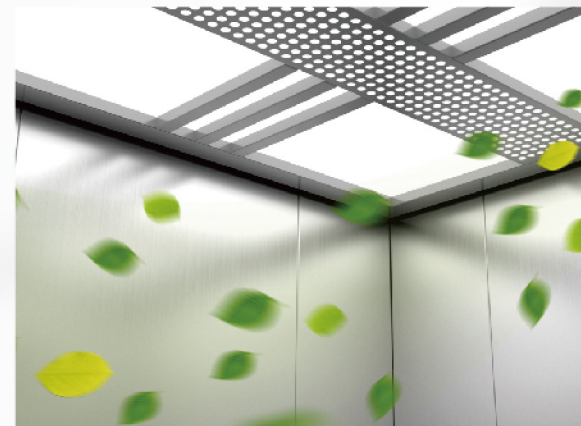


### Car UV Disinfection

After the elevator has been unused for a certain period of time, it communicates and controls with the elevator to automatically light up the ultraviolet lamp for disinfection and sterilization. Ultraviolet rays can disinfect and sterilize various common pathogenic bacteria, with a sterilization rate of more than 99%, providing passengers with a safe and clean elevator environment.

### Face Recognition in Cars

After the registration of face information and authorization, the camera can capture and recognize the face information of passengers entering the elevator. Then, passengers can be authorized to use the elevator without contact.  
Available in China

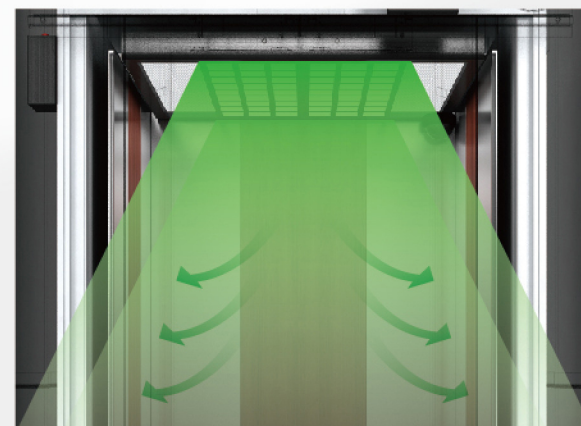


### Negative Ion Fresh Air System

Automatically releasing negative ions, adsorbing small dust particles, oxidizing foreign objects in the air, purifying the air, and caring for human health.

### Non-contact Elevator Calling

Through the combination of the WeChat mini program and the independently developed IoT function, every elevator is provided with an exclusive QR code. After scanning the QR code by the mobile app WeChat, users can conduct data interaction with the IoT platform for non-contact elevator calling.  
Available in China



### Car Air Purifier

Automatic dust removal and sterilization, clean and pollution-free, keeping the air inside the elevator car clean and hygienic at all times. The automatic operation time can be set, which is energy-saving and environmentally friendly.

### Anxin Customized Service



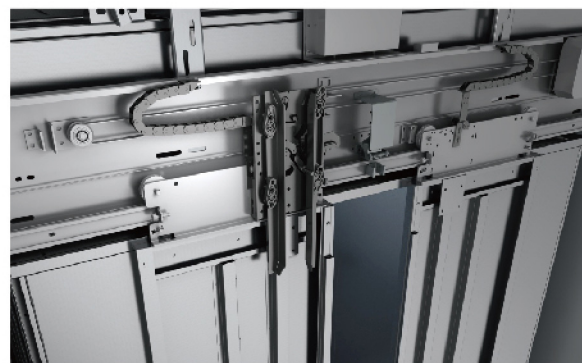
#### Time period floor lockdown (Standard)

According to customer needs, the up call, down call, or floor command can be automatically blocked within a set time period.



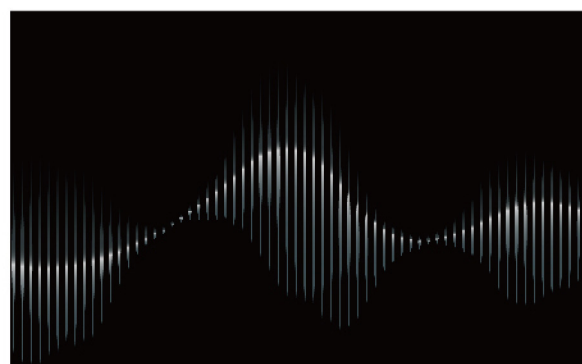
#### Adaptive Torque of door operator (Standard)

By adopting WWF control technology, automatic detection and learning of door load changes, automatic adjustment of door opening and closing moment for each floor, the elevator experience is more comfortable.



#### Night Voice Silence (optional)

When the night is quiet, the station arrival prompt sound and voice announcement will automatically stop to prevent disturbing residents' rest.



#### Electric bicycle Recognition (optional)

By using AI cameras to identify electric bicycle the elevator is controlled not to close the door, and sound and light alarms are issued to prevent electric bicycle from going up the elevator and entering the house for charging, thereby preventing accidents such as fires and making elevator rides safer. AI cameras can also be used interchangeably with security cameras, reducing equipment costs.



#### Pet Tips (optional)

When pet owners take their pets on the elevator, they can press the pet button to turn on the pet indicator light outside the hall, reminding the elevator personnel that there are pets inside to prevent fright.



## AI Reminder (optional)

Through the Internet of Things real-time monitoring and collection of elevator operating parameters, provide a variety of cloud application services to achieve convenient management, maintenance reminders, early warning, multi-party linkage and other functions, so that the elevator can run without worry.



### Cloud Monitoring

- Status monitoring
- Resume information
- Run statistical information
- Elevator Operation Status Report



### Cloud Services

- Maintenance Plan
- Maintenance records
- Emergency repair record
- Troubleshooting Guide
- Spare parts replacement record

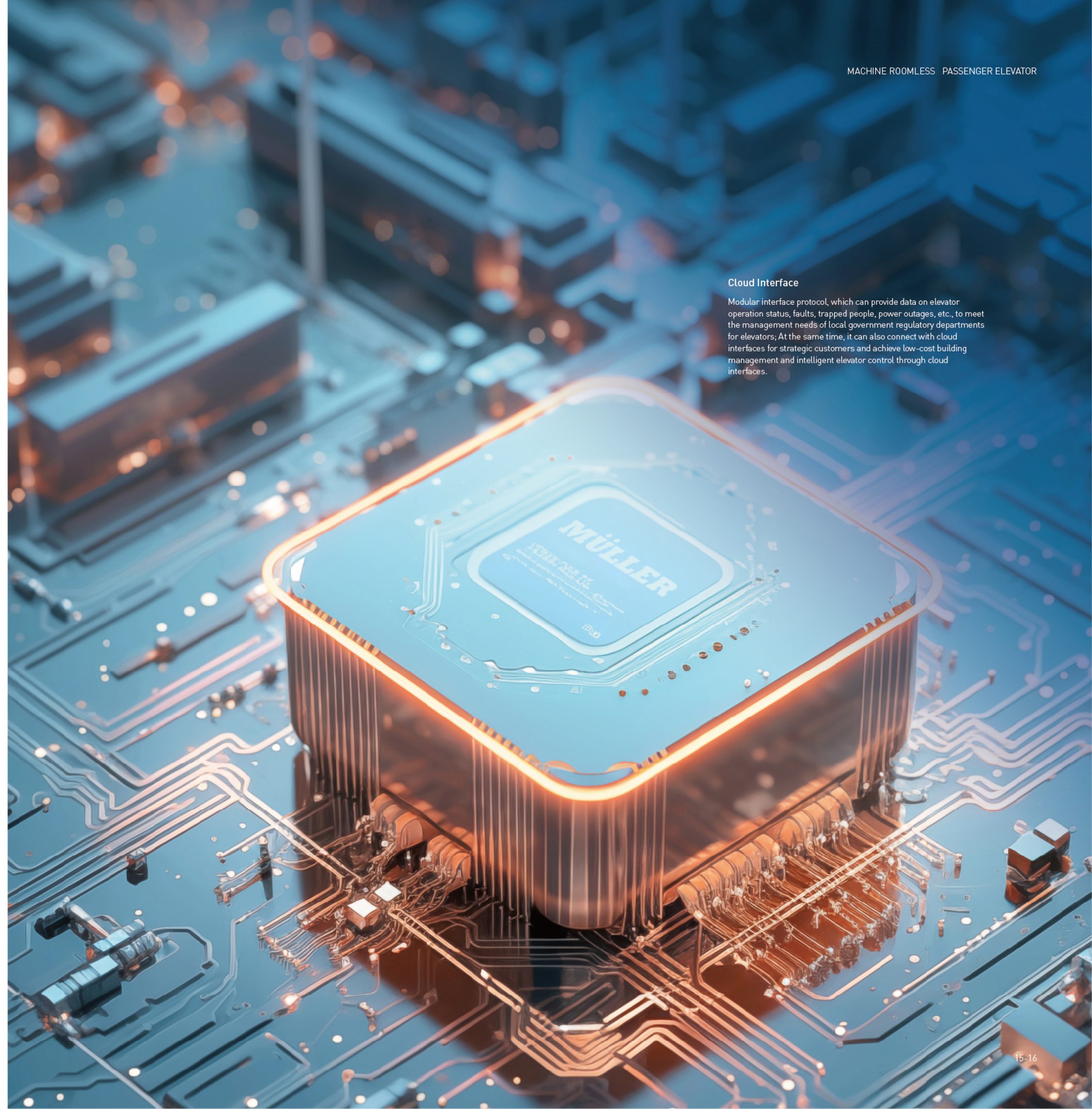


### Cloud Self Check

- Self inspection of elevator transportation quality
- Trapped person alert
- Fault alarm

### Cloud Interface

Modular interface protocol, which can provide data on elevator operation status, faults, trapped people, power outages, etc., to meet the management needs of local government regulatory departments for elevators; At the same time, it can also connect with cloud interfaces for strategic customers and achieve low-cost building management and intelligent elevator control through cloud interfaces.



# User-friendly Design



### Comprehensive evolution of car upholstery

More decoration scheme for customers to choose, each with a car to create ingenuity with fine craftsmanship, beautiful appearance design. Customers can also choose a variety of material and rich color, personalized configuration car, to achieve the perfect integration of the elevator and a variety of occasions and harmonious unity.

## KL/K7-2006R

(Standard)

Standard configuration

Car wall/Front wall: Hairline stainless steel  
Operation panel: KL513-4C rotate integrated operation panel, hairline stainless steel  
Floor: KL-JD 2004 (PVC)  
Car door: Hairline stainless steel



 Ceiling

KL/DD-1005

Integrated ceiling (I type)  
Hairline stainless steel

Environmental protection, energy-saving

There may be differences between the printing color and the real object color. Please refer to the real object.



OPTIONAL DESIGN



## KL/K7-2007R

Charged optional

Ceiling: KL/DD-1004, hairline stainless steel  
Car wall: The middle wall of the middle mirror etching, the other hairline stainless steel  
Front wall: Hairline stainless steel  
Floor: KL/JD-2004 (PVC)  
Car door: Hairline stainless steel  
Operation panel: KL513-4C rotate integrated operation panel, hairline stainless steel

## KL/K7-2008R

Charged optional

Ceiling: KL/DD-2008, hairline stainless steel  
Car wall: The middle wall of the middle mirror etching, the other hairline stainless steel  
Front wall: Hairline stainless steel  
Floor: KL/JD-3167(PVC)  
Car door: Hairline stainless steel  
Operation panel: KL513-4C rotate integrated operation panel, hairline stainless steel  
Handrail: Round tube



OPTIONAL DESIGN



### KL/K4-2001R

Charged optional

Ceiling: KL/DD-4004, dusting steel plate, hole on center support, LED light source  
Car wall: Hairline stainless steel  
Front wall: Hairline stainless steel  
Floor: KL/JD-4004 (PVC)  
Car door: Hairline stainless steel  
Operation panel: KL513-4C rotate integrated operation panel, hairline stainless steel

### KL/K4-2002R

Charged optional

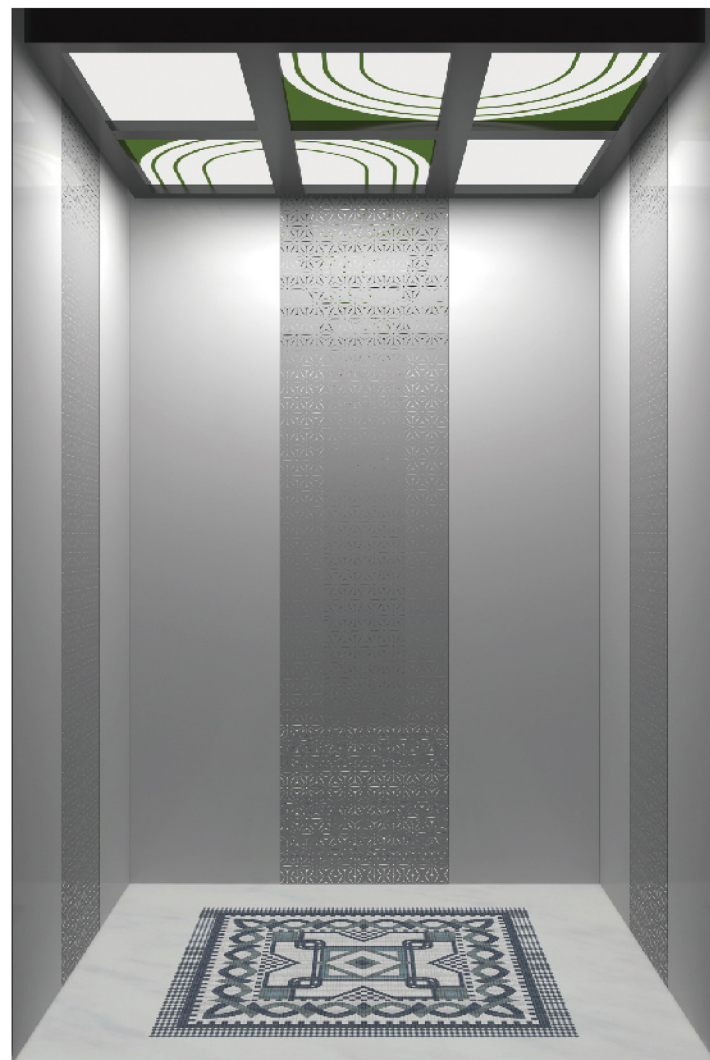
Ceiling: KL/DD-4005, dusting steel plate, acrylic, LED light source  
Car wall: Titanium gold mirror etched(Middle), model steel placed(Both side)  
Front wall: Titanium gold hairline stainless steel  
Floor: KL/JD-4005(PVC)  
Car door: Titanium gold hairline stainless steel  
Operation panel: KL513-4C rotate integrated operation panel, titanium gold hairline stainless steel



There may be differences between the printing color and the real object color. Please refer to the real object.



OPTIONAL DESIGN



### KL/K4-2003R

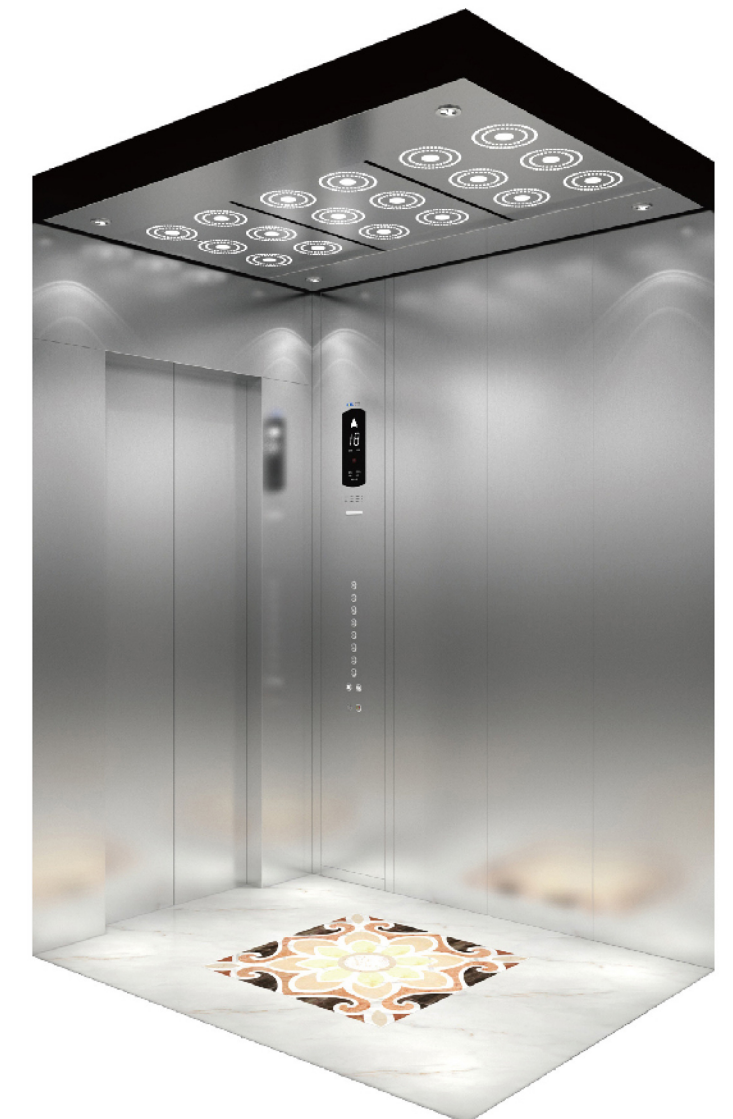
Charged optional

- Ceiling: KL/DD-4006, dusting steel plate, acrylic, LED light source
- Car wall: Mirror etched(Middle), model steel placed(Both side)
- Front wall: Mirror stainless steel
- Floor: KL/JD-4006 (PVC)
- Car door: Mirror stainless steel
- Operation panel: KL513-4C rotate integrated operation panel, mirror stainless steel

### KL/K7-2006R-3

Charged optional

- Ceiling: KL/DD-1005, hairline stainless steel
- Car wall: Hairline stainless steel
- Front wall: Hairline stainless steel
- Floor: KL/JD-2004(PVC)
- Car door: Hairline stainless steel
- Operation panel: KL233-4C wall built-up integrated operation panel, hairline stainless steel



There may be differences between the printing color and the real object color. Please refer to the real object.

### Rotary Integrated Control Cabinet (Only for front wall, not side wall)



Panel material( to be selected):  
Hairline/mirror stainless steel  
Button:  
Round micro-stroke button  
Display screen:  
LED segment code/ dot matrix  
Parking number:  
2-60 parking floors

#### Display screen

LED segment code



KL513-4C

Standard configuration

White dot matrix



KL511-1C

Charged optional

### KL513-4C

Standard configuration

### Embedded Operation Panel (Apply to front wall and side wall)



Panel material:  
Stainless steel panel, length 1800mm, slim type  
Button:  
Standard front loading button  
Display screen:  
White break code display, white dot matrix display  
Parking number:  
Circular waist design, logo carved in the metal panel under the waist line  
Metal brushed display window, logo designed with laser marking  
Number of stops:  
2-30 stops

#### Display screen

White dot matrix



KL1141-1C

Charged optional

White dot matrix



KL1141-1C(pro)

Charged optional

### KL1143-4C KL1143-4C (pro)

Charged optional

Charged optional

## Wall-mounted Integrated Control Cabinet (Apply to front wall and side wall)



Panel material( to be selected):  
Hairline/mirror stainless steel  
Button:  
Round micro-stroke button  
Display screen:  
LED segment code/ dot matrix  
Parking number:  
2-48 parking floors

### Display screen

LED segment code



KL233-4C

Charged optional

White dot matrix



KL231-1C

Charged optional

## KL233-4C

Charged optional

## OPTIONAL DECORATING DESIGN

### Calling Indicator Without Bottom Box

<b>KL1201-1H</b> Standard	<b>KL1201-2H</b> Free optional	<b>KL861-1H</b> Charged optional	<b>KL861-1H(Pro)</b> Charged optional	<b>KL863-1H</b> Charged optional	<b>KL863-1H(Pro)</b> Charged optional
Segment code display	Dot matrix display	Segment code display	Segment code display	Segment code display	Segment code display
<b>KL1203-1H</b> Charged optional	<b>KL1203-2H</b> Charged optional	<b>KL862-1H</b> Charged optional	<b>KL862-1H(Pro)</b> Charged optional	<b>KL864-1H</b> Charged optional	<b>KL864-1H(Pro)</b> Charged optional
Segment code display	Dot matrix display	Segment code display	Segment code display	Segment code display	Segment code display
		Touch button	Touch button	Touch button	Touch button
Panel material	Anti-fingerprint frosted stainless steel	Panel material	Frosted stainless steel		

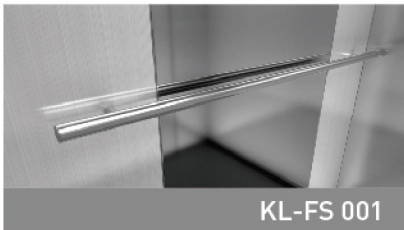
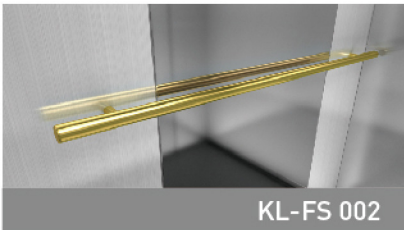
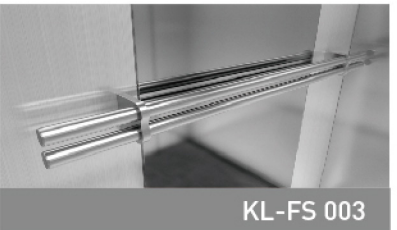
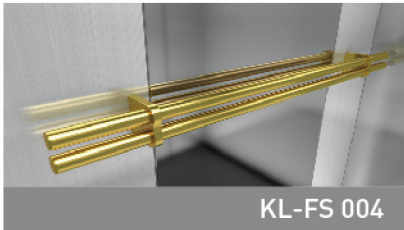
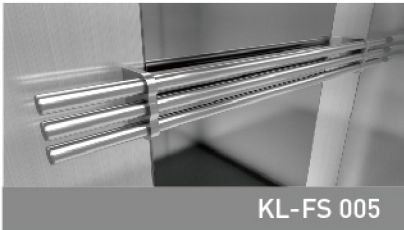
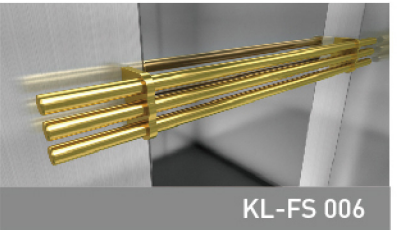
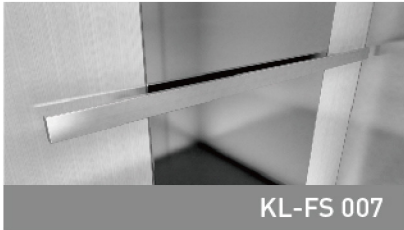
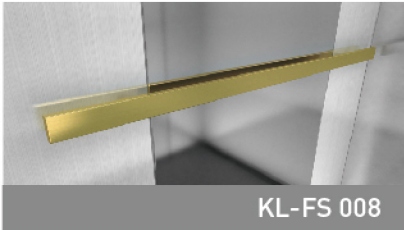

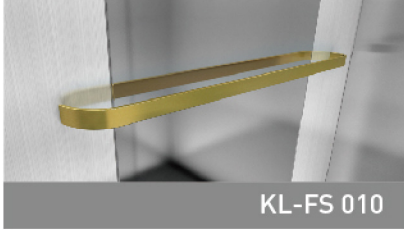
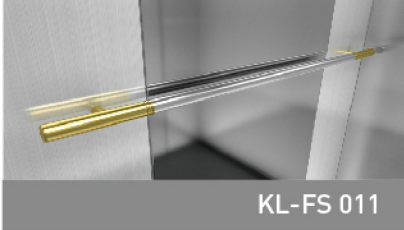
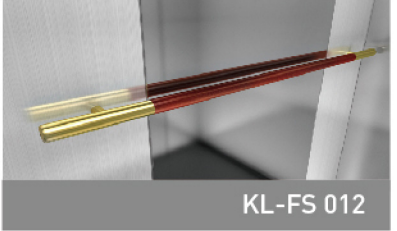
### Fireman switch without bottom box

	<b>KL1205H</b> (Supporting KL12 series) Panel material Anti-fingerprint frosted stainless steel		<b>KL865H</b> (Supporting KL86 series) Panel material Hairline stainless steel
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### Operation panel for disabled (Charged optional)



### Handrail (optional)

 KL-FS 001	 KL-FS 002	 KL-FS 003
Stainless steel hairline mono-tube	Titanium gold mirror stainless steel mono-tube	Stainless steel hairline double-tube
 KL-FS 004	 KL-FS 005	 KL-FS 006
Titanium gold mirror stainless steel double-tube	Stainless steel hairline tri-tube	Titanium gold mirror stainless steel tri-tube
 KL-FS 007	 KL-FS 008	 KL-FS 009
Hairline plate, square handrail	Titanium gold plate, square handrail	Short grain stainless steel, arc head
 KL-FS 010	 KL-FS 011	 KL-FS 012
Short grain titanium gold stainless steel, arc head	Combination of stainless steel and titanium gold	Combination of round wood and titanium gold

### Dusting color standard (optional)

							
KL-SK 001 Ice gray	KL-SK 002 Plane gray	KL-SK 003 Corny yellow	KL-SK 004 Pebble gray	KL-SK 005 Ultramarine blue	KL-SK 006 Pastel blue	KL-SK 007 Light green	KL-SK 008 Light pink

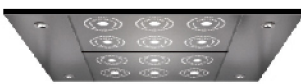

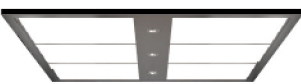








### Stainless steel color standard (optional)

	SUS304 Hairline stainless steel		SUS304 Mirror stainless steel		SUS304 Etched hairline stainless steel
	SUS304 Etched mirror stainless steel		SUS304 Titanium gold hairline stainless steel		SUS304 Titanium gold mirror stainless steel

### Landing Door

 KL-TM 001 Standard	 KL-TM 002 Standard	 KL/M-4013 Optional	 KL/M-4020 Optional
Landing Door: Hairline stainless steel Jamb: Hairline stainless steel	Landing Door: Dusting steel plate Jamb: Dusting steel plate	Landing Door: Etched mirror stainless steel Jamb: Hairline stainless steel	Landing Door: Etched mirror stainless steel Jamb: Hairline stainless steel

### Ceiling

 KL/DD-1005 Hairline stainless steel Standard	 KL/DD-1004 Hairline stainless steel Optional	 KL/DD-2008 Hairline stainless steel Optional	 KL/DD-4004 Dusting steel plate, hole on center support, LED light source Standard
 KL/DD-4005 Dusting steel plate, acrylic, LED light source Optional	 KL/DD-4006 Dusting steel plate, acrylic, LED light source Optional	 KL/DD-3313 Hairline stainless steel Optional	 KL/DD-3363 Hairline stainless steel Optional
 KL/DD-J303 Hairline stainless steel Optional	 KL-D001 Double arched white organic transparent board, plus the gentle illumination in the middle Optional	 KL/DD-300 Hairline stainless steel, downlights, panel lights Charged optional	

This one-piece top does not match the wall-mounted one-piece control box, and is only applicable to Q/KLJ 1-10016-2022 standard products

### PVC floor (optional)

 KL/JD-2004	 KL/JD-3167	 KL-JD 001	 KL-JD 002	 KL-JD 003	 KL-JD 004	 KL-JD 005	 KL-JD 006
 KL-JD 007	 KL-JD 008	 KL-JD 009	 KL-JD 010	 KL / JD-4004	 KL / JD-4005	 KL / JD-4006	

## ADVANCED FUNCTIONAL DESIGN

Standard functional	
Brake detection protection	Actively and regularly test the brake force; prevent more serious accident by means of malfunction indication and running prohibition and so on.
Traction Rope Slide Detection	It provides real-time monitoring of sliding data, and can automatically enter the safe operation mode for emergency according to requirements.
Brake detection protection	Brake arm detection switch executes real-time monitor to brake opening / closing. If the brake does not open by the requirements, the system will not start the elevator.
Protection of none door opening outside door zone	Automatic door opening is forbidden under none door zone condition.
Rescue speeding protection	The elevator system has its own star seal function, which allows the speed to be suppressed even during forced release.
Unexpected Car Movement Protection(UCMP)	In the event that the door lock is not locked and the car door is not closed, the lift has a device to stop the movement due to the failure of any single component of the drive mainframe or drive control system on which the safe operation of the car depends, causing an unintended movement of the car away from the floor station.
Doorlock short detection	Each time the lift stops at a floor station and opens the door, it will detect if there is a short in the hall door lock or the car door lock, if so it will report a fault and stop the lift until the fault is removed.
Doorlock short detection	Before the elevator shuts the door, if it detects overload signal, the elevator does not shut then, "door-shut button" becomes effective. After it removes overload problem, it re-starts automatically.
Automatic parking in trouble	When the elevator stops in none leveling zone due to any trouble, if it is not caused by safety device action, it executes self-rescue running towards the middle floor direction at low speed. It parks and opens the door at the nearest service floor to prevent from any trapping accident.
Attendant running	When it is under the operator condition, the elevator system operates according to the car command signal. If landing call signal is available, it automatically cuts as per forward landing call. The door opens automatically after the leveling parking. But it does not shut automatically until the operator presses "door closing button".
Fire-fighting return	When the fire-fighting switch closes, the system enters into fire-fighting running. The system will remove all the landing calls and car command signals, and it automatically returns to fire-fighting home landing, and the door keeps open. If the elevator is travelling in reverse direction, it parks at nearby floor, and returns to fire-fighting home landing with the door keeping closed, after that it keeps the door open.
Home landing elevator locking	When the elevator is under automatic condition, when it shuts home landing locking switch, the elevator will complete all the registered car command services, automatically return to home landing, it enters into parking condition. As soon as locking switch is on, it immediately returns from parking condition and goes into normal running.
Cancel the error-register	If the passenger presses the car command button at certain floor and has registered it by mistake, (by then the car indicating lamp is bright), if under the condition of none elevator running, you only press the car command button at the same floor to cancel the register. (By then the car indicating lamp dies out.)
Phonic station reporter	Phonic station reporter informs the passengers of the relevant elevator running information. It announces the arriving landing, the traveling direction etc. before door-close and running.
Voice appeasement	In special working conditions such as power outages and malfunctions in elevators, car position correction (except for leveling), fire or power outage emergency rescue, the voice broadcasting system will broadcast relevant soothing voices to alleviate passenger tension. (Note: Standard configuration in China)
Electrified automatic door-opening	Every time when the elevator is electrified, if the car is in the door zone, the elevator door opens automatically.
Automatic stop of the car illumination and fan	If nobody uses the elevator within certain period of time, the car illumination and fan shut off automatically and re-opens on receiving any landing call command(s).

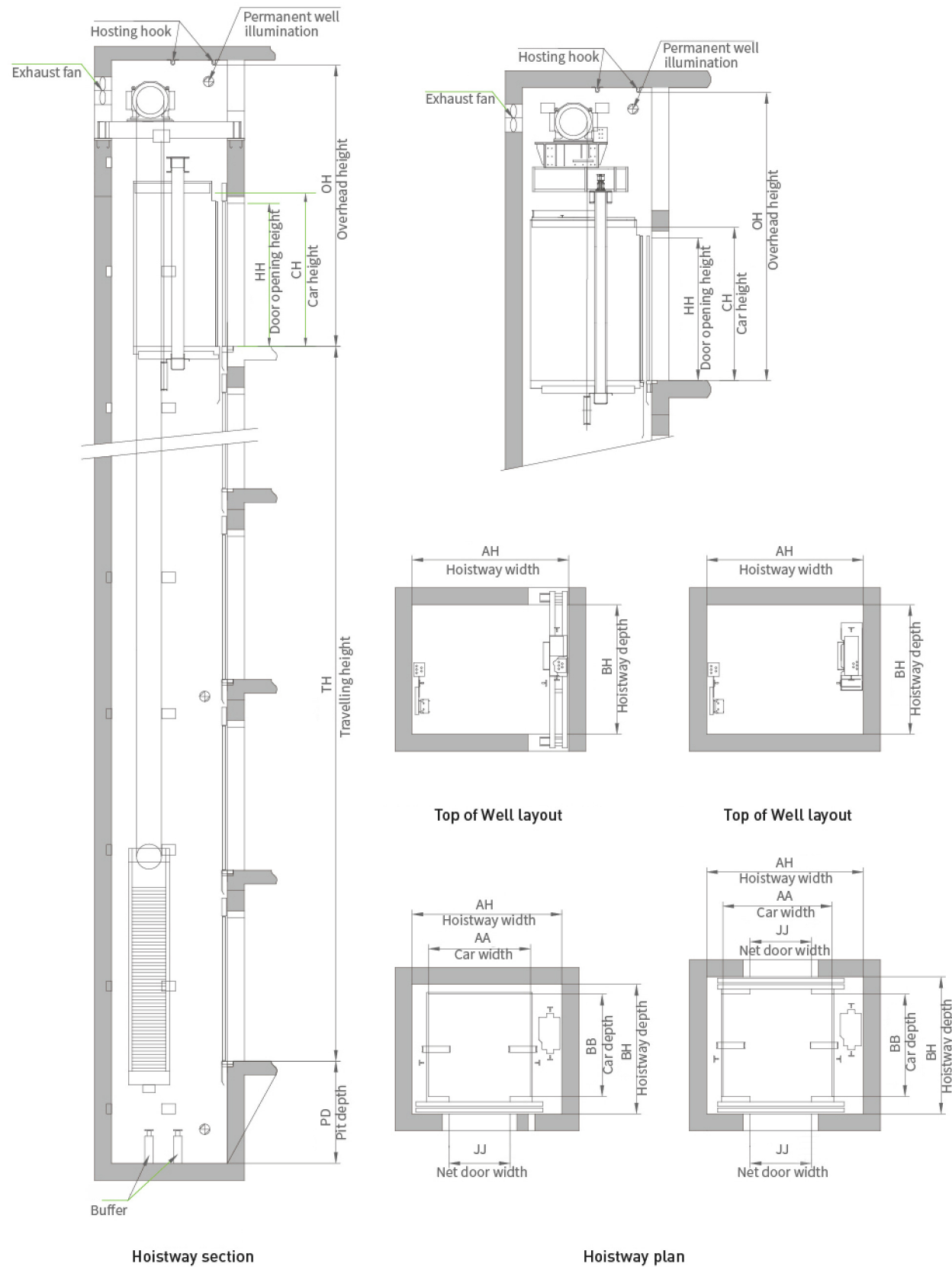
Standard functional	
Automatic correction of floor signal	If the floor display position has error, after the system detects terminal switch in the travel, it will automatically correct the floor display.
Cancellation of the reverse command(s) in the car	When the elevator travels to the farthest floor and changes the speed, it removes all the car command register.
Self-diagnostic embedded call button	If you press call button at certain landing for over 20 second, and it still does not disconnect, the system assumes that it is embedded button. It does not register the landing call of the same floor afterwards. Responsive lamp which corresponds to the button keeps flickering and alarming. When the button disconnects, it exits from above condition.
Re-leveling function	If the elevator parks on the current floor, when too many passengers enter into / leave the elevator, the car is separated from the leveling zone because of wire rope extension or shortening. The elevator will then travel to the leveling position at low speed under the condition of door-opening.
Remote monitoring/loT (standard on KLA systems)	Through signal interface device and wireless network technology, user can log in the corresponding server to check information, make statistical analysis of elevator failure rate and failure time, and achieve fault message alarm. Note: Domestic support

Free optional	
Automatic return to home landing	In non-attendant running, if automatic return function to home landing is still effective, and no-landing call signal time fulfills preset time, the elevator returns to home landing automatically.
Quiet mode	When the car arrival clock or voice station announcement function is selected, the mute period can be set according to the customer's needs. For example, the car arrival clock and voice station announcement can be set from 23:00 p.m. to 6:00 a.m.

Charged optional	
Car arrival gong	Arrival gong on top of the car reminds the passengers in the car and those waiting in the hall that the elevator has arrived.
BAS function	It outputs basic running condition signal through the signal interface device.
Automatic emergency leveling travel of power failure	If the power failure automatic emergency leveling function is set effectively, and the "power failure automatic emergency leveling device" is configured to meet the automatic emergency leveling conditions, the power supply of the elevator power failure automatic emergency leveling device will run to the leveling position of the nearest landing station after the power grid is cut off, and open the door to allow passengers to safely evacuate the car.
Fire-fighting running	When the fire-fighting switch closes, the system enters into fire-fighting running. The system will remove all the landing calls and car command signals, and it automatically returns to fire-fighting home landing, and the door keeps open. If the elevator is travelling in reverse direction, it parks at nearby floor, and returns to fire-fighting home.
Identification of E-bikes	After an e-bike is identified by the AI camera, it controls the elevator not to close the door. At the same time, it gives an audible and visual alarm to prevent the e-bike from entering the elevator to get charged in an upstairs room so as to avoid accidents like fires.
Absolute Value Encoder	Acquire the correct well position information and transmit it to the control system. The system is unaffected by the power failure of the elevator or the slipping of the wire rope, and can always acquire the correct position information in the well and never stops on wrong floors. The removal of the travel switch in the well can greatly reduce the failure rate of the system and facilitate debugging and installation.

### MACHINE ROOMLESS PASSENGER ELEVATOR

Standard: Q/KLJ1-10016-2022



Machine Roomless Elevator Parameter Table

(kg) Loading capacity	(m/s) Rated speed	(mm) Door opening width	(mm) Door opening height	(mm) Car size			(mm) Hoistway size			(mm) Top floor height	(mm) Pit depth	(m) Maxtravelling height
				Width	Depth	Height	Width	Depth	Height			
450	1.0	800	2100	1100	1100	2250	1800	1700	-	3800(3900)/3850(3950)	1450	30/50
	1.6	800	2100	1100	1100	2250	1800	1700	-	3950(4050)/4000(4100)	1550	30/60
630	1.0	800	2100	1100	1400	2250	1800	1800	1910	3800(3900)/3850(3950)	1450	30/50
	1.6	800	2100	1100	1400	2250	1800	1800	1910	3950(4050)/4000(4100)	1550	30/60
	1.75	800	2100	1100	1400	2250	1800	1800	1910	4000(4100)/4050(4150)	1600	30/60(75)
800	1.0	800	2100	1300	1400	2250	2000	1800	1910	3800(3900)/4100(4100)	1450	30/50
	1.6	800	2100	1300	1400	2250	2000	1800	1910	4050(4050)/4200(4200)	1550	30/60
	1.75	800	2100	1300	1400	2250	2000	1800	1910	4050(4100)/4200(4200)	1600	30/60(75)
1000	1.0	900	2100	1500	1500	2250	2200	1900	2010	3800(3900)/4100(4100)	1450	30/50
	1.6	900	2100	1500	1500	2250	2200	1900	2010	4050(4050)/4200(4200)	1550	30/60
	1.75	900	2100	1500	1500	2250	2200	1900	2010	4050(4100)/4200(4200)	1600	30/60(75)
	2.0	900	2100	1500	1500	2250	2200	1900	-	4700	1650	75
1050	1.0	900	2100	1600	1500	2250	2300	1900	2010	3800(3900)/4100(4100)	1450	30/50
	1.6	900	2100	1600	1500	2250	2300	1900	2010	4050(4050)/4200(4200)	1550	30/60
	1.75	900	2100	1600	1500	2250	2300	1900	2010	4050(4100)/4200(4200)	1600	30/60(75)
1000 Cabin Depth	1.0	800	2100	1100	2000	2250	1850	2400	2510	3800(3900)/4100(4100)	1450	30/50
	1.6	800	2100	1100	2000	2250	1850	2400	2510	4050(4050)/4200(4200)	1550	30/60
	1.75	800	2100	1100	2000	2250	1850	2400	2510	4050(4100)/4200(4200)	1600	30/60(75)
1050 Cabin Depth	1.0	800	2100	1100	2100	2250	1850	2500	2610	3800(3900)/4100(4100)	1450	30/50
	1.6	800	2100	1100	2100	2250	1850	2500	2610	4050(4050)/4200(4200)	1550	30/60
	1.75	800	2100	1100	2100	2250	1850	2500	2610	4050(4100)/4200(4200)	1600	30/60(75)
1150	1.0	1000	2100	1700	1500	2250	2550	1950	-	3900(4000)/4200(4300)	1500	30/50
	1.6	1000	2100	1700	1500	2250	2550	1950	-	4150(4250)/4300(4400)	1600	30/60
	1.75	1000	2100	1700	1500	2250	2550	1950	-	4150(4250)/4300(4400)	1650	30/60(75)
	2.0	1000	2100	1700	1500	2250	2550	1950	-	4700	1700	75
1250	1.0	1000	2100	1800	1500	2250	2650	1950	-	3900(4000)/4200(4300)	1500	30/50
	1.6	1000	2100	1800	1500	2250	2650	1950	-	4150(4250)/4300(4400)	1600	30/60
	1.75	1000	2100	1800	1500	2250	2650	1950	-	4150(4250)/4300(4400)	1650	30/60(75)
	2.0	1000	2100	1800	1500	2250	2650	1950	-	4700	1700	75
1350	1.0	1100	2100	1950	1500	2250	2800	1950	-	3900(4000)/4200(4300)	1500	30/50
	1.6	1100	2100	1950	1500	2250	2800	1950	-	4150(4250)/4300(4400)	1600	30/60
	1.75	1100	2100	1950	1500	2250	2800	1950	-	4150(4250)/4300(4400)	1650	30/60(75)
	2.0	1100	2100	1950	1500	2250	2800	1950	-	4700	1700	75
1600	1.0	1100	2100	1950	1750	2250	2800	2150	-	3900(4000)/4200(4300)	1500	30/50
	1.6	1100	2100	1950	1750	2250	2800	2150	-	4150(4250)/4300(4400)	1600	30/60
	1.75	1100	2100	1950	1750	2250	2800	2150	-	4150(4250)/4300(4400)	1650	30/60(75)
	2.0	1100	2100	1950	1750	2250	2800	2150	-	4700	1700	30/-(75)
2000	1.0	1100	2100	2000	2000	2250	2900	2400	-	3900(4000)/4200(4300)	1500	30/50
	1.6	1100	2100	2000	2000	2250	2900	2400	-	4150(4250)/4300(4400)	1600	30/60
	1.75	1100	2100	2000	2000	2250	2900	2400	-	4150(4250)/4300(4400)	1650	30/60(75)
	2.0	1100	2100	2000	2000	2250	2900	2400	-	4700	1700	75

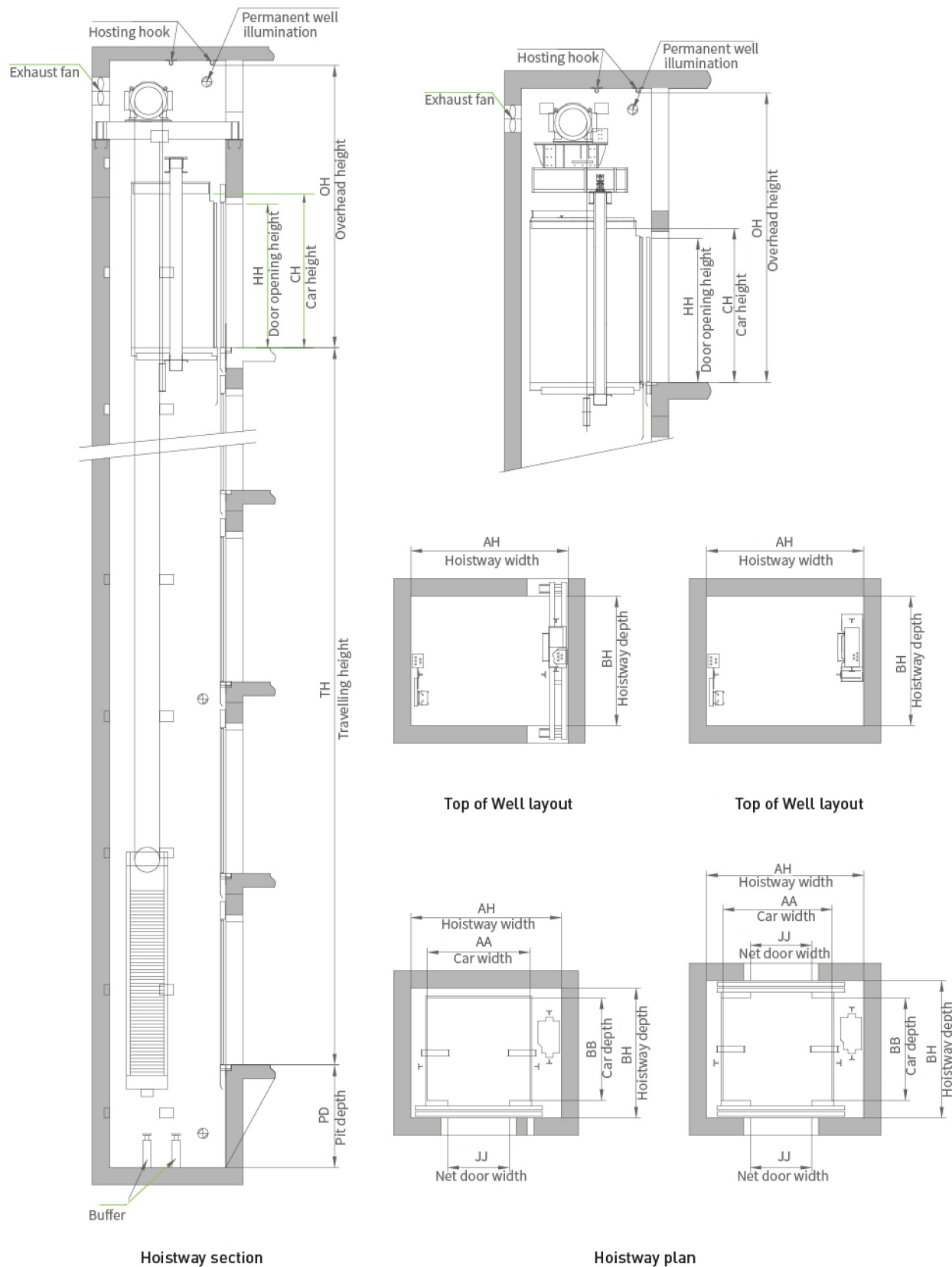
Notice Cabin Internal Height (excluding ceiling panel) Single Slide Door/ Through Door Bracketed content indicates the main machine Beam-fixed Bracketed content indicates the main machine Beam-fixed

Note: For speeds of v=2.0m/s, only beam fixed can be used

Standard : Q/KLJ1-10016-2022

### MACHINE ROOMLESS PASSENGER ELEVATOR

Standard : GB/T7588.1-2020



Machine Roomless Elevator Parameter Table

(kg) Loading capacity	(m/s) Rated speed	(mm) Door opening width	(mm) Door opening height	(mm) Car size			(mm) Hoistway size			(mm) Top floor height	(mm) Pit depth	(m) Maxtravelling height
				Width	Depth	Height	Width	Depth	Height			
450	1.0	800	2100	1100	1100	2250	1800	1700	-	4150(4150)/4200(4200)	1450	30/50
	1.6	800	2100	1100	1100	2250	1800	1700	-	4350(4350)/4400(4400)	1550	30/60
630	1.0	800	2100	1100	1400	2250	1800	1800	1910	4150(4150)/4200(4200)	1450	30/50
	1.6	800	2100	1100	1400	2250	1800	1800	1910	4350(4350)/4400(4400)	1550	30/60
	1.75	800	2100	1100	1400	2250	1800	1800	1910	4400(4400)/4450(4450)	1600	30/60(75)
800	1.0	800	2100	1300	1400	2250	2000	1800	1910	4150(4150)/4200(4200)	1450	30/50
	1.6	800	2100	1300	1400	2250	2000	1800	1910	4350(4350)/4400(4400)	1550	30/60
	1.75	800	2100	1300	1400	2250	2000	1800	1910	4400(4400)/4450(4450)	1600	30/60(75)
1000	1.0	900	2100	1500	1500	2250	2200	1900	2010	4150(4150)/4200(4200)	1450	30/50
	1.6	900	2100	1500	1500	2250	2200	1900	2010	4350(4350)/4400(4400)	1550	30/60
	1.75	900	2100	1500	1500	2250	2200	1900	2010	4400(4400)/4450(4450)	1600	30/60(75)
	2.0	900	2100	1500	1500	2250	2200	1900	-	4750	1650	75
1050	1.0	900	2100	1600	1500	2250	2300	1900	2010	4150(4150)/4200(4200)	1450	30/50
	1.6	900	2100	1600	1500	2250	2300	1900	2010	4350(4350)/4400(4400)	1550	30/60
	1.75	900	2100	1600	1500	2250	2300	1900	2010	4400(4400)/4450(4450)	1600	30/60(75)
1000 Cabin Depth	1.0	800	2100	1100	2000	2250	1850	2400	2510	4150(4150)/4200(4200)	1450	30/50
	1.6	800	2100	1100	2000	2250	1850	2400	2510	4350(4350)/4400(4400)	1550	30/60
	1.75	800	2100	1100	2000	2250	1850	2400	2510	4400(4400)/4450(4450)	1600	30/60(75)
1050 Cabin Depth	1.0	800	2100	1100	2100	2250	1850	2500	2610	4150(4150)/4200(4200)	1450	30/50
	1.6	800	2100	1100	2100	2250	1850	2500	2610	4350(4350)/4400(4400)	1550	30/60
	1.75	800	2100	1100	2100	2250	1850	2500	2610	4400(4400)/4450(4450)	1600	30/60(75)
1150	1.0	1000	2100	1700	1500	2250	2550	1950	-	4200(4200)/4250(4250)	1500	30/50
	1.6	1000	2100	1700	1500	2250	2550	1950	-	4400(4400)/4450(4450)	1600	30/60
	1.75	1000	2100	1700	1500	2250	2550	1950	-	4450(4450)/4500(4500)	1650	30/60(75)
	2.0	1000	2100	1700	1500	2250	2550	1950	-	4750	1700	75
1250	1.0	1000	2100	1800	1500	2250	2650	1950	-	4200(4200)/4250(4250)	1500	30/50
	1.6	1000	2100	1800	1500	2250	2650	1950	-	4400(4400)/4450(4450)	1600	30/60
	1.75	1000	2100	1800	1500	2250	2650	1950	-	4450(4450)/4500(4500)	1650	30/60(75)
	2.0	1000	2100	1800	1500	2250	2650	1950	-	4750	1700	75
1350	1.0	1100	2100	1950	1500	2250	2800	1950	-	4200(4200)/4250(4250)	1500	30/50
	1.6	1100	2100	1950	1500	2250	2800	1950	-	4400(4400)/4450(4450)	1600	30/60
	1.75	1100	2100	1950	1500	2250	2800	1950	-	4450(4450)/4500(4500)	1650	30/60(75)
	2.0	1100	2100	1950	1500	2250	2800	1950	-	4750	1700	75
1600	1.0	1100	2100	1950	1750	2250	2800	2150	-	4200(4200)/4250(4250)	1500	30/50
	1.6	1100	2100	1950	1750	2250	2800	2150	-	4400(4400)/4450(4450)	1600	30/60
	1.75	1100	2100	1950	1750	2250	2800	2150	-	4450(4450)/4500(4500)	1650	30/60(75)
	2.0	1100	2100	1950	1750	2250	2800	2150	-	4750	1700	30/-(75)
2000	1.0	1100	2100	2000	2000	2250	2900	2400	-	4200(4200)/4250(4250)	1500	30/50
	1.6	1100	2100	2000	2000	2250	2900	2400	-	4400(4400)/4450(4450)	1600	30/60
	1.75	1100	2100	2000	2000	2250	2900	2400	-	4450(4450)/4500(4500)	1650	30/60(75)
	2.0	1100	2100	2000	2000	2250	2900	2400	-	4750	1700	75

Note: For speeds of v=2.0m/s, only beam fixed can be used

Standard : GB/T7588.1-2020