

KONL[®] CANNY ELEVATOR



TRIONICS
ELEVATORS & ENGINEERING
CANNY ELEVATOR CO.,LTD.

KLW

KLW MACHINE ROOMLESS PASSENGER ELEVATOR



KLW

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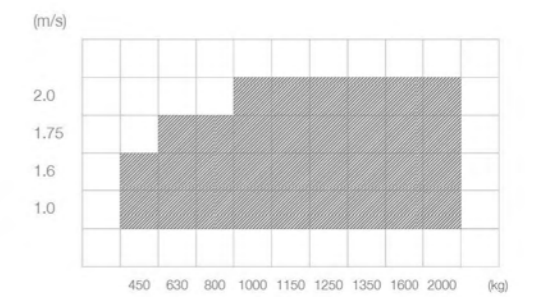
Target market

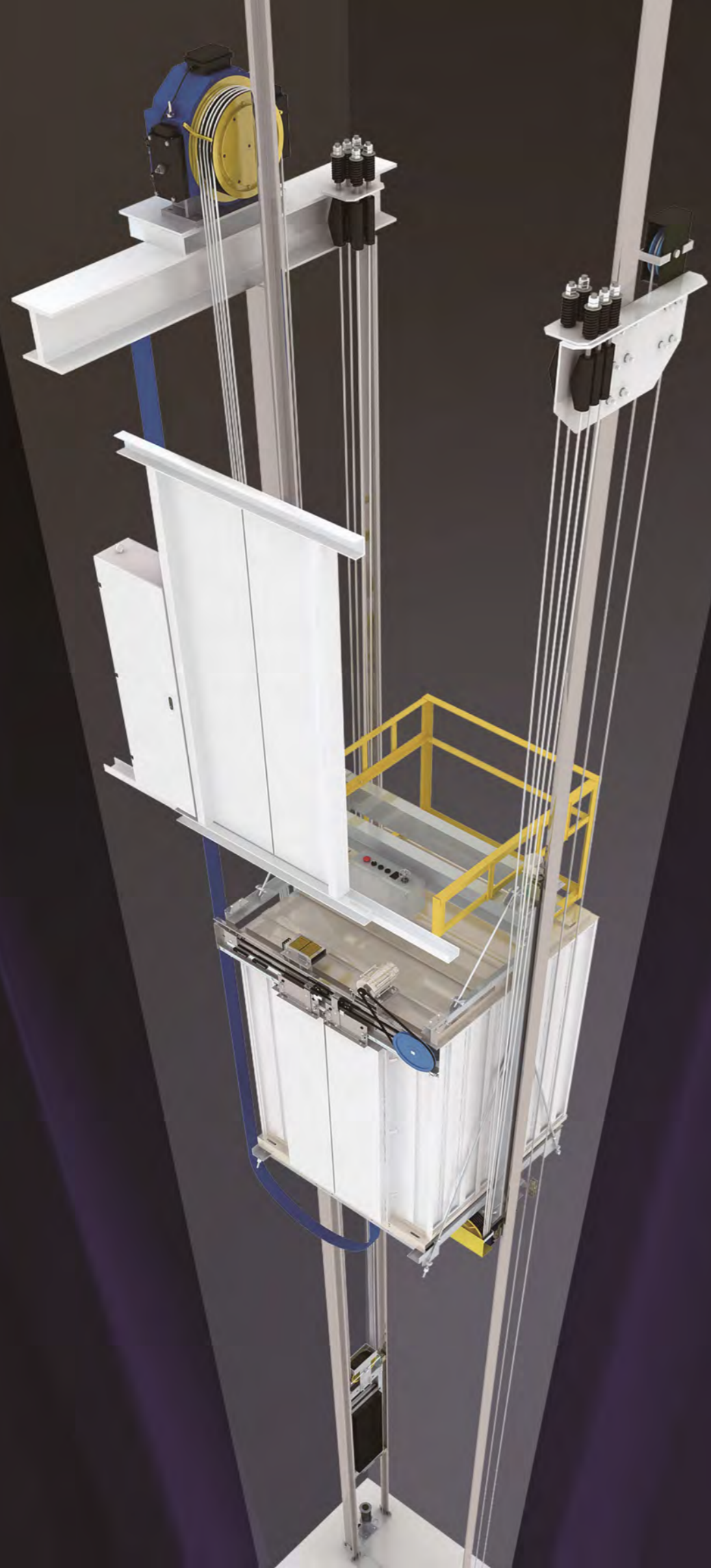


Residential



Business Building



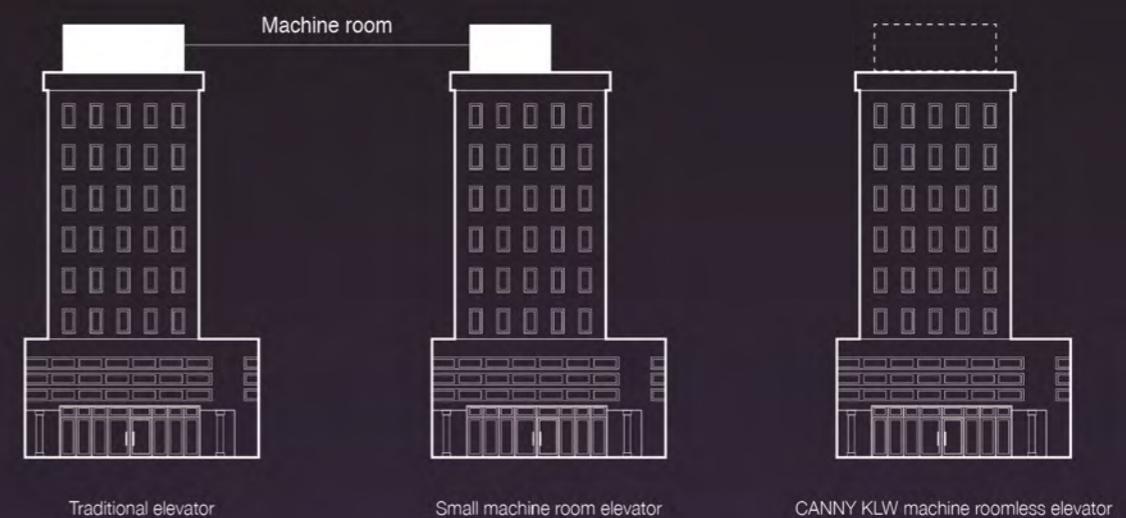


Released space and infinite innovation

It removes the multiple elevator restrictions at one time

CANNY KLW series, machine roomless elevator removes the elevator's restrictions in construction, construction costs, architectural design style and utilization scopes. In saving space and costs, it brings passengers the efficiency and robustness of the upper wise.

Comparison of various types of elevator machine room



Save Construction Space

CANNY 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

CANNY 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.

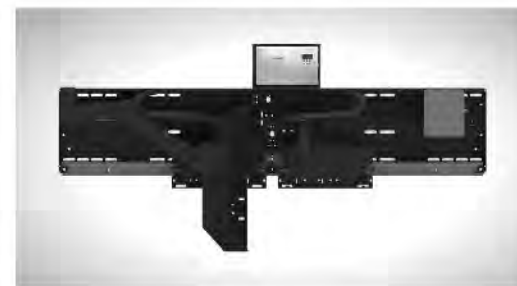
Optimize Construction Design

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

Intrinsic strength and extraordinary stability

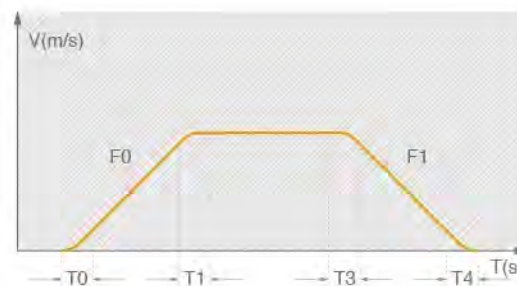
Brake force self-testing and monitoring function

Test the brake force periodically and autonomously to avoid serious accidents by means of fault display reminder and no running prohibition etc.



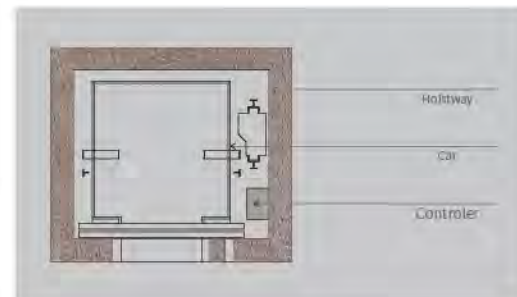
New permanent magnetic door machine system

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 automatic test, adjust and adapt. The big diameter polyurethane rollers have strong abrasion resistance and can achieve quiet operation.



A new generation VVVF frequency inverter

A new generation VVVF frequency inverter can adjust the current magnitude and phase according to car load and precisely control the motor rotating torque to ensure the stable operation of the elevator.



Inbuilt control cabinet (Optional)

The control cabinet is placed inside the shaft, so that building reserved holes are removed and the installation will be more convenient; meanwhile, the noise pollution of the machine room can be avoided effectively.

Traction rope sliding detection

Traction rope sliding detection can conduct a real-time monitoring over the data and automatically enter the safe operation mode as required to respond to the emergency by slowing down, so that the elevator accident will not happen.

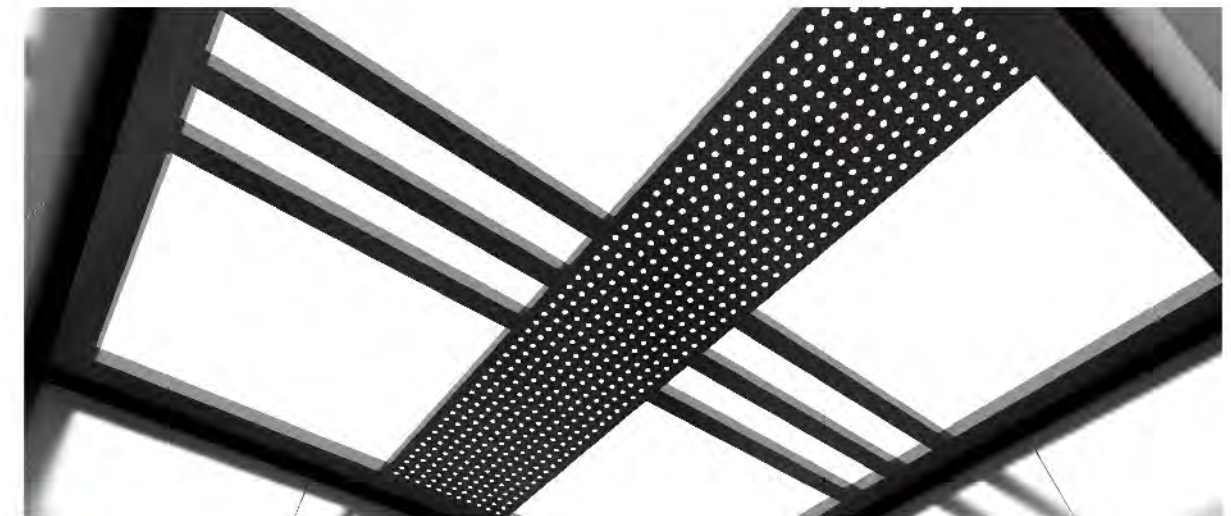
Electric brake release switch

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

Anticipation, energy conservation and bearing the future

A new generation permanent magnet synchronous gearless traction machine

A new generation 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.



LED

LED car lighting

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



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.

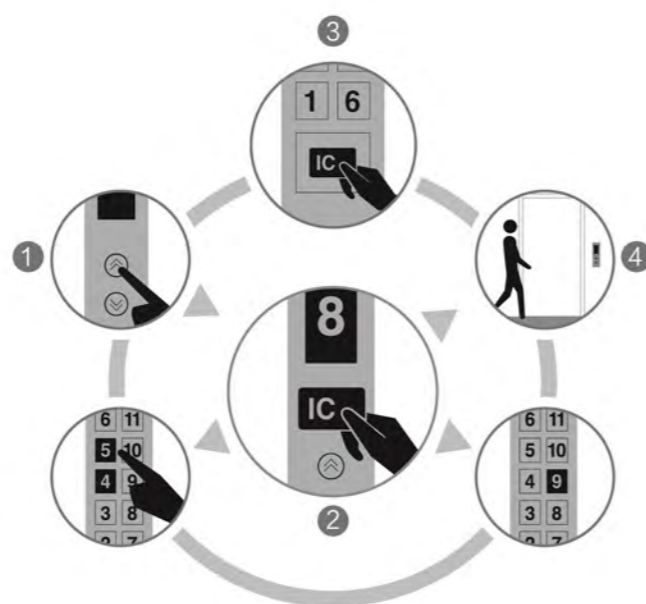
Road of respect, follow your heart



IC card intelligent management system(Optional)

IC card intelligentsystem inside the lift car

Equipped with IC card intelligent identification system; the passenger can enjoy convenient travelling experience by swiping card and reaching the destination.



1. Call
2. Read card at entrance floor
3. Select Floor No. in the elevator car
4. Enter the elevator car

Each floor can be selected for leveling, without pressing any button, it will automatically reach the designated floor of user.

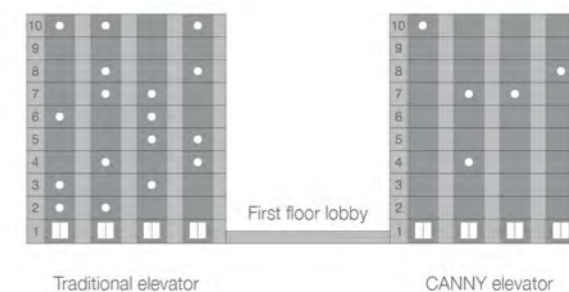
Leveling for power failure (Optional)

When the power grid powers off, the leveling device for powerfailure will power it to the nearest floor so that the door opens.



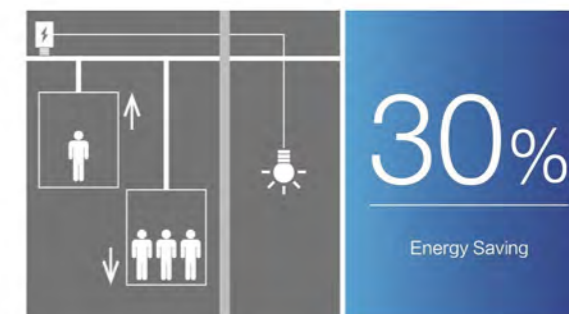
Group controlling intelligent dispatching system (Optional)

Abiding by the principle of intelligent dispersed principle, carry passengers with highest speed and efficiency.

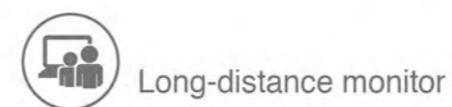


“Saineng” Energy renewable and feedback technology (Optional)

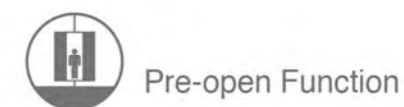
Transfer the renewable energy into the electric energy and return it to the local power grid for utilization, which reduces 30% of energy consumption.



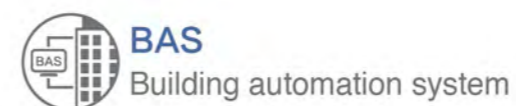
OTHER OPTIONAL FUNCTION



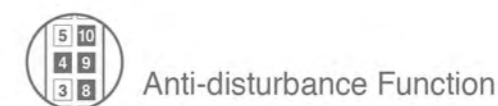
Long-distance monitor



Pre-open Function



BAS
Building automation system

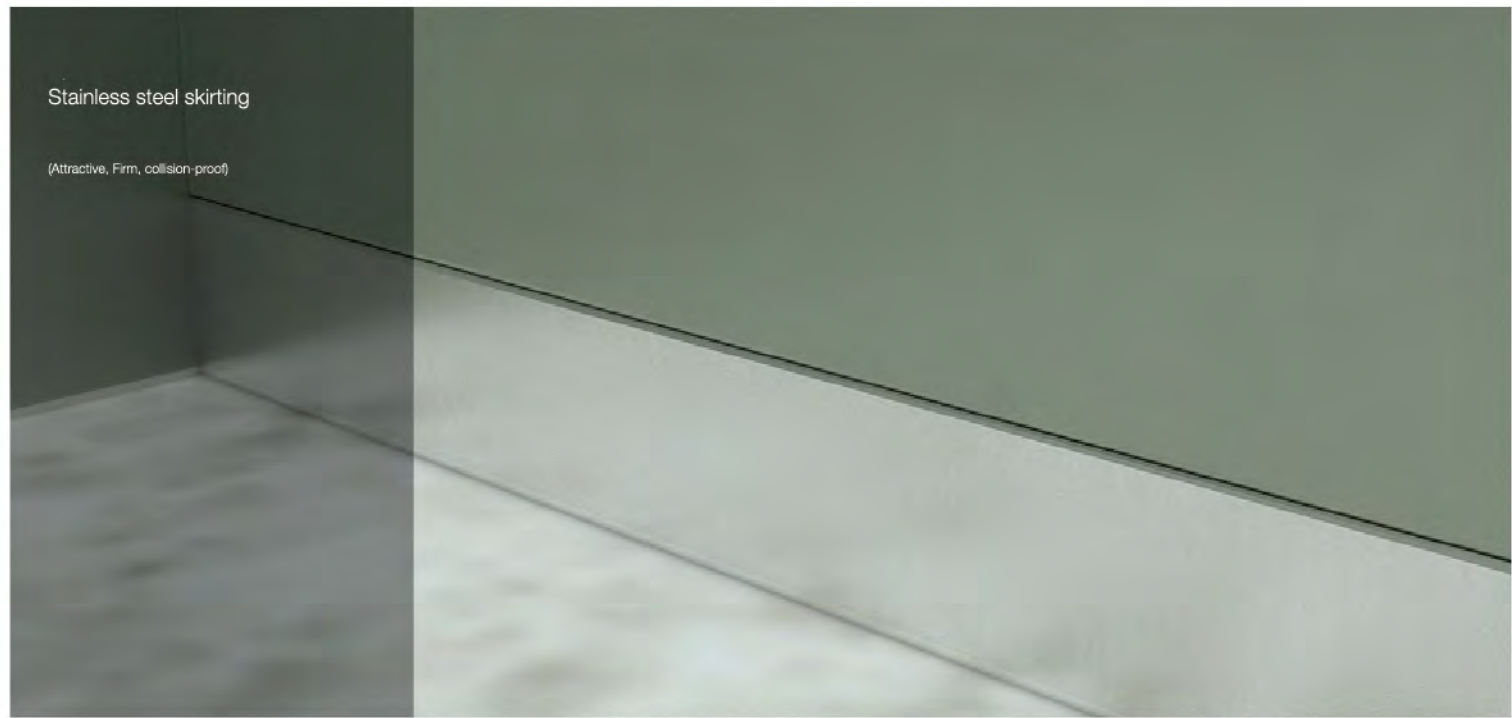


Anti-disturbance Function

Standard design

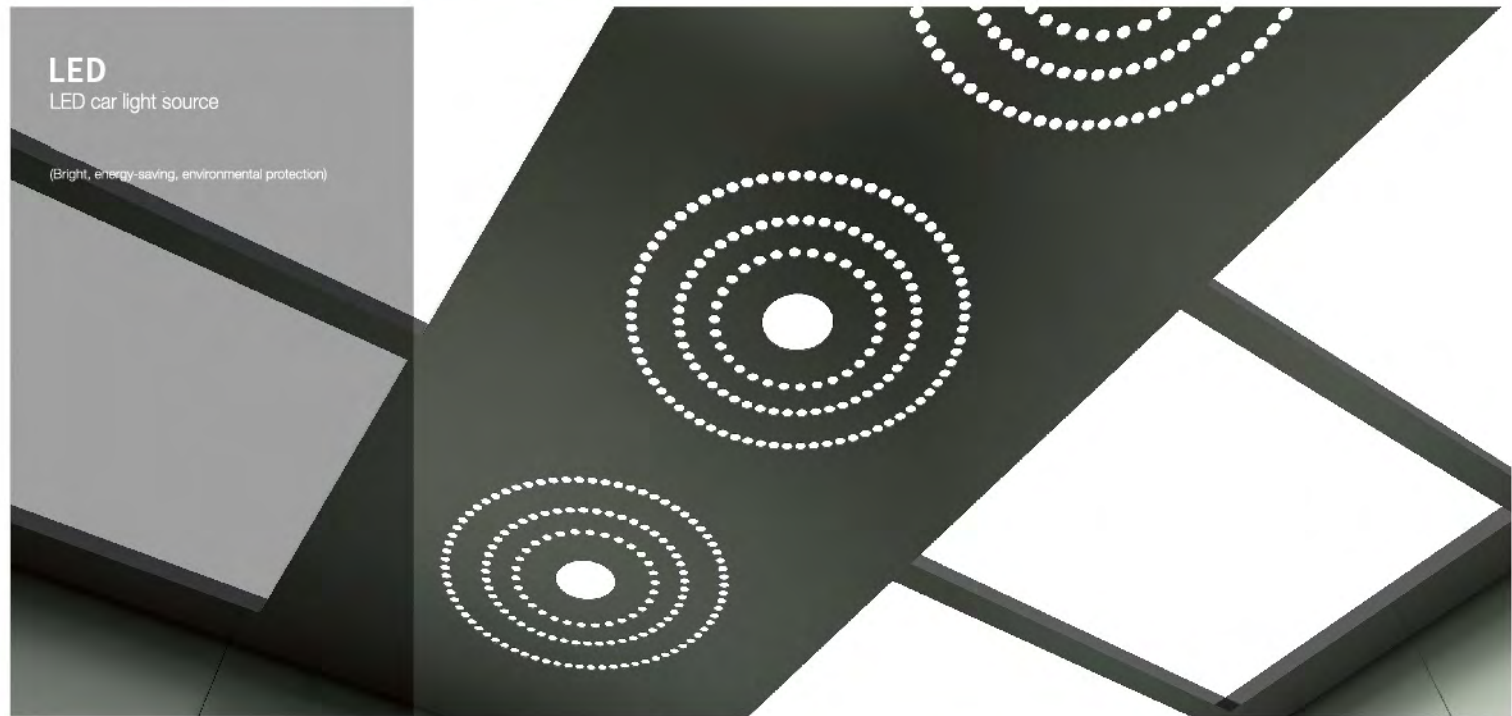


Embedded operating panel



Stainless steel skirting

(Attractive, Firm, collision-proof)



LED

LED car light source

(Bright, energy-saving, environmental protection)



Embedded operating panel

(Attractive, firm and solid, Easy maintenance)

KL/K7-1006A

Standard configuration

KL261C
KL-JD 009 (PVC)

Car wall/Front wall: Dusting steel plate (Ice gray)
Operation panel: KL261C, Hairline stainless steel
Floor: KL-JD 009 (PVC)
Skirting: Hairline stainless steel



Scan the QR code to know more about the lift car in the 360-degree manner

Optional cars

More optional designs please see CANNY"Elevator Show"

KL/K7-2006

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
 Skirting: hairline stainless steel
 Operation panel: KL233-1C integrated operation panel, hairline stainless steel

KL/K7-2007

Optional



Ceiling: KL / DD-1004, hairline stainless steel
 Car wall: middle rear wall in etched mirror stainless steel, other walls in hairline stainless steel
 Front wall: hairline stainless steel
 Floor: KL / JD-2004 (PVC)
 Car door: mirror stainless steel
 Skirting: hairline stainless steel
 Operation panel: KL233-1C integrated operation panel, hairline stainless steel

KL/K7-2008

Optional



Ceiling: KL / DD-2008, hairline stainless steel
 Car wall: middle rear wall in etched mirror stainless steel, other walls in hairline stainless steel
 Front wall: hairline stainless steel
 Floor: KL / JD-3167 (PVC)
 Car door: hairline stainless steel
 Skirting: hairline stainless steel
 Handrail: flat steel
 Operation panel: KL233-1C integrated operation panel, hairline stainless steel

KL/K4-2001

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
 Vertical colum: hairline stainless steel
 Operation panel: KL233-1C
 Car door: hairline stainless steel
 Floor: KL / JD-4004 (PVC)
 Skirting: hairline stainless steel

KL/K4-2002

Optional



Ceiling: KL / DD-4005, dusting steel plate acrylic, LED light source
 Car wall: middle in: titanium gold mirror etched
 Both sides in: model steel placed
 Front wall: titanium gold hairline stainless steel
 Vertical colum: titanium gold hairline stainless steel
 Operation panel: KL233-1C
 Car door: titanium hairline stainless steel
 Floor: KL / JD-4005 (PVC)
 Skirting: titanium gold hairline stainless steel

KL/K4-2003

Optional



Ceiling: KL / DD-4006, dusting steel plate, acrylic, LED light source
 Car wall: middle in: mirror etched; both side in: model steel placed
 Front wall: mirror stainless steel
 Vertical colum: mirror stainless steel
 Operation panel: KL243-1C
 Car door: mirror stainless steel
 Floor: KL / JD-4006 (PVC)
 Skirting: hairline stainless steel



Scan the QR code to know more about the lift car in the 360-degree manner



Scan the QR code to know more about the lift car in the 360-degree manner



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Scan the QR code to know more about the lift car in the 360-degree manner



Scan the QR code to know more about the lift car in the 360-degree manner

Integrated operation panel

Canny KLV machine roomless passenger elevator, using the shape of the most simple one-piece dashboard, without having to install again, modeling natural, environmentally friendly materials, cost saving, responsive, and easy to maintain.

	<p>Display screen Liquid crystal display screen Parking number 2-48 stop layer</p> <p>Panel material (Hairline stainless steel)</p> <p>Button optional</p> <p>KL233-1C KL234-1C</p> <p>Charged optional Charged optional</p> <p>Panel material (Mirror stainless steel)</p> <p>Button optional</p> <p>KL243-1C KL244-1C</p> <p>Charged optional Charged optional</p>		<p>Display screen Liquid crystal display screen Parking number 2-48 stop layer</p> <p>Panel material (Hairline stainless steel)</p> <p>Button optional</p> <p>KL233-2C KL234-2C</p> <p>Charged optional Charged optional</p> <p>Panel material (Mirror stainless steel)</p> <p>Button optional</p> <p>KL243-2C KL244-2C</p> <p>Charged optional Charged optional</p>		<p>Display screen Liquid crystal display screen Parking number 2-48 stop layer</p> <p>Panel material (Hairline stainless steel)</p> <p>Button optional</p> <p>KL233-3C KL234-3C</p> <p>Charged optional Charged optional</p> <p>Panel material (Mirror stainless steel)</p> <p>Button optional</p> <p>KL243-3C KL244-3C</p> <p>Charged optional Charged optional</p>		<p>Display screen Dot matrix display Parking number 2-48 stop layer</p> <p>Panel material (Hairline stainless steel)</p> <p>Button optional</p> <p>KL231C KL232C</p> <p>Charged optional Charged optional</p> <p>Panel material (Mirror stainless steel)</p> <p>Button optional</p> <p>KL241C KL242C</p> <p>Charged optional Charged optional</p>
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Embedded operation panel

The embedded operating panel meets the customization of the diversified control functions, thus making the structure more solid and the maintenance more convenient.

Integrated operation panel

Display screen
Multimedia display screen
Parking number
2-48 stop layer



Panel material (Hairline stainless steel)

Button optional Optional screen size

			
KL235C	KL237C-A	KL239C	
Charged optional	Charged optional	Charged optional	
	KL236C	KL238C-A	KL23AC
Charged optional	Charged optional	Charged optional	Charged optional



Panel material (Mirror stainless steel)

Button optional Optional screen size

			
KL245C	KL247C-A	KL249C	
Charged optional	Charged optional	Charged optional	
	KL246C	KL248C-A	KL24AC
Charged optional	Charged optional	Charged optional	Charged optional

Display screen
Dot matrix display screen
Parking number
2-36 stop layer



Panel material (Hairline stainless steel)

Button optional

	
KL261C	KL262C
Standard	Free optional



Panel material (Mirror stainless steel)

Button optional

	
KL271C	KL272C
Charged optional	Charged optional

Display screen
Dot matrix display screen
Parking number
2-36 stop layer



Button optional



Panel material (Hairline stainless steel)

KL265C **KL266C**

Free optional Free optional

Panel material (Mirror stainless steel)

KL275C **KL276C**

Charged optional Charged optional



Button optional



Panel material (Hairline stainless steel)

KL267C **KL268C**

Charged optional Charged optional

Panel material (Mirror stainless steel)

KL277C **KL278C**

Charged optional Charged optional

Calling indicator without bottom box

Break the traditional mode that calling indicator need to reserve hole on the wall, bottom box free, compact, easy disassembly, fast to do repair and maintenance

Single elevator

KL6312H Standard	KL6333-1H Charged optional	KL6333-2H Charged optional	KL6333H Charged optional	KL631H Charged optional
	 Liquid crystal display KL634-1H Charged optional Liquid crystal display	 Liquid crystal display KL634-2H Charged optional Liquid crystal display	 Liquid crystal display KL634H Charged optional Liquid crystal display	 Dot matrix display KL632H Charged optional Dot matrix display

Panel material optional

Panel material (Hairline stainless steel)

Panel material (Mirror stainless steel)

Double elevator

KL637-1H Charged optional	KL637-2H Charged optional	KL637H Charged optional	KL635H Charged optional
 Liquid crystal display KL638-1H Charged optional Liquid crystal display	 Liquid crystal display KL638-2H Charged optional Liquid crystal display	 Liquid crystal display KL638H Charged optional Liquid crystal display	 Dot matrix display KL636H Charged optional Dot matrix display

Panel material optional

Panel material (Hairline stainless steel)

Panel material (Mirror stainless steel)

Fireman switch without bottom box and elevator locking box

					
KL6351H Standard	KL6341H Standard	KL651H Charged optional	KL652H Charged optional	KL653H Charged optional	Panel material optional Panel material (Hairline stainless steel) Panel material (Mirror stainless steel)

Operation panel for disabled

				
	KL381CD Charged optional	KL382CD Charged optional	KL383CD Charged optional	KL384CD Charged optional

Panel material optional

Panel material (Hairline stainless steel)

Panel material (Mirror stainless steel)

Horizontal indicator for landing (without arrival lamp) Charged optional

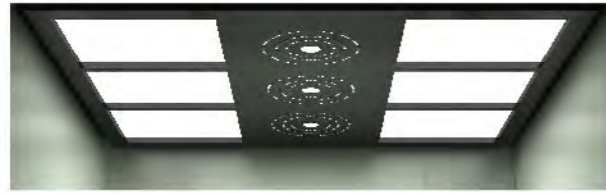
						
KL341H Panel material (Hairline stainless steel)	KL342H Panel material (Mirror stainless steel)	KL343H Panel material (Hairline stainless steel)	KL344H-A Panel material (Mirror stainless steel)	KL345H Panel material (Mirror stainless steel)	KL351H Panel material (Hairline stainless steel)	KL352H Panel material (Mirror stainless steel)

显示屏可选尺寸 Optional screen size

Horizontal indicator for landing (with arrival lamp) Charged optional

	
KL365H Panel material (Hairline stainless steel)	KL366H Panel material (Hairline stainless steel)
KL375H Panel material (Mirror stainless steel)	KL376H Panel material (Mirror stainless steel)

Ceilings



KL / DD-2005
Standard

LED
Dusting steel plate, LED light source



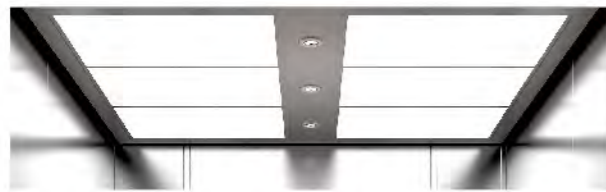
KL / DD-1005
Optional

Hairline stainless steel



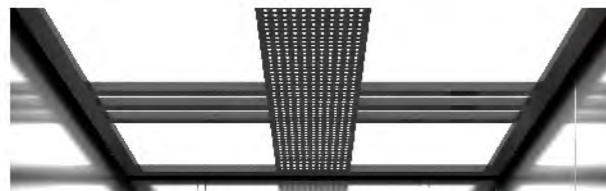
KL / DD-1004
Optional

Hairline stainless steel



KL / DD-2008
Optional

Hairline stainless steel



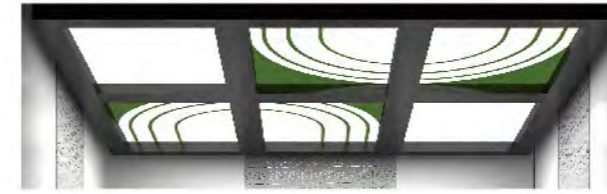
KL / DD-4004
Optional

LED
Dusting steel plate, hole on center support, LED light source



KL / DD-4005
Optional

LED
Dusting steel plate acrylic, LED light source



KL / DD-4006
Optional

Dusting steel plate acrylic, LED light source



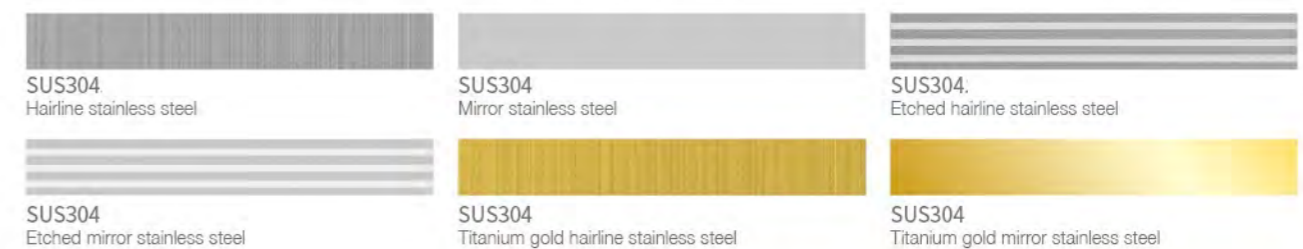
KL-D 001
Optional

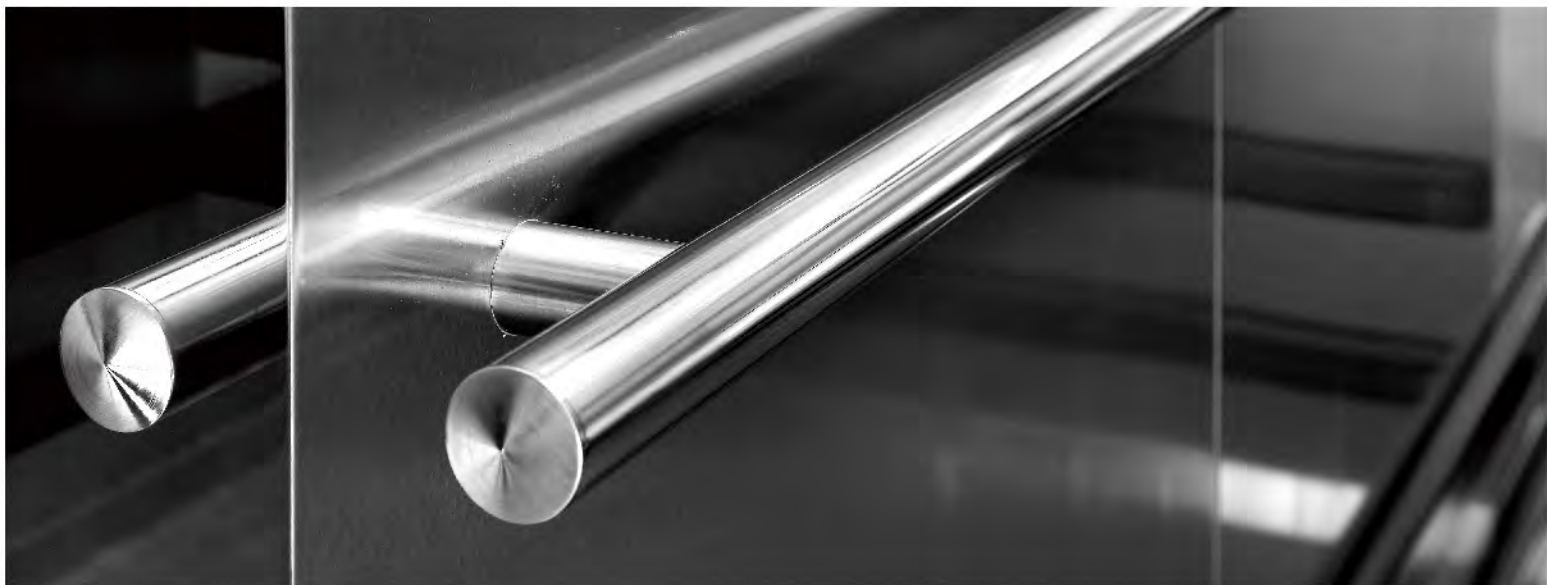
Double arched white organic transparent board, plus the gentle illumination in the middle

Dusting color standard (optional)



Stainless steel color standard (optional)





Handrail(optional)



KL-FS 001

Stainless steel hairline mono-tube



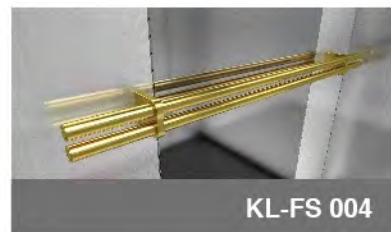
KL-FS 002

Titanium gold mirror stainless steel mono-tube



KL-FS 003

Stainless steel hairline double-tube



KL-FS 004

Titanium gold mirror stainless steel double-tube



KL-FS 005

Stainless steel hairline tri-tube



KL-FS 006

Titanium gold mirror stainless steel tri-tube



KL-FS 007

Hairline plate, square handrail



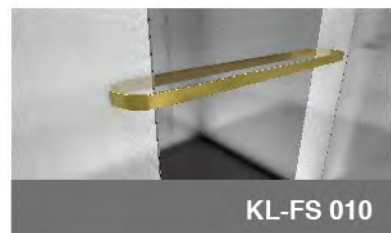
KL-FS 008

Titanium gold plate, square handrail



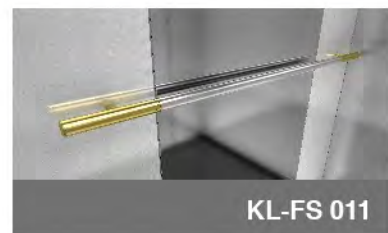
KL-FS 009

Short grain stainless steel, arc head



KL-FS 010

Short grain titanium gold stainless steel, arc head



KL-FS 011

Combination of stainless steel and titanium gold



KL-FS 012

Combination of round wood and titanium gold

Landing door



KL-TM 001

Standard

Landing Door:
Hairline stainless steel

Jamb: Hairline stainless steel



KL-TM 002

Standard

Landing Door:
Dusting steel plate

Jamb: Dusting steel plate



KL/M-4013

Optional

Landing Door:
Etched mirror stainless steel

Jamb: Hairline stainless steel



KL/M-4020

Optional

Landing Door:
Etched mirror stainless steel

Jamb: Hairline stainless steel

PVC floor



KL/JD-2004

KL / JD-2004



KL/JD-3167

KL / JD-3167



KL-JD 001

KL-JD 001



KL-JD 002

KL-JD 002



KL-JD 003

KL-JD 003



KL-JD 004

KL-JD 004



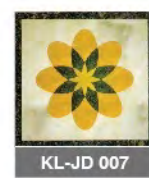
KL-JD 005

KL-JD 005



KL-JD 006

KL-JD 006



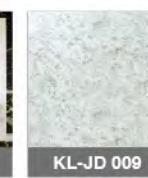
KL-JD 007

KL-JD 007



KL-JD 008

KL-JD 008



KL-JD 009

KL / JD-4004



KL-JD 010

KL / JD-4005



KL / JD-4004

KL / JD-4005



KL / JD-4005

KL / JD-4006



KL / JD-4006

KL / JD-4006

Optional

PVC parquet

Optional

PVC parquet

Optional

PVC single-color

Optional

PVC single-color

Optional

PVC single-color

Optional

PVC

Optional

PVC

Optional

PVC

Optional

PVC parquet

Optional

PVC parquet

Optional

PVC single-color

Optional

PVC single-color

Optional

PVC

Optional

PVC

Optional

PVC

Functions

● Standard

● Free optional

● Charged optional

● 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 for 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.

● Low-speed protection

It prevents elevator from low-speed running outside the control range causing any safety problem(s).

● Overload protection

Before the elevator shuts the door, if it detects overload signal, the elevator does not shut them, "door shut button" becomes ineffective. 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.

● Protection of elevator blockage

When the system runs start command, it does not start within preset time nor because it is during the elevator travelling, and it does not reach certain distance within preset time as well, the elevator stops accordingly.

● 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.

● 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.

● 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.)

● 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.

● 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.

● 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 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.

● 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).

● 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.

● Signal interface position

It outputs basic running condition signal through the signal interface device.

● Automatic emergency leveling travel

If automatic emergency leveling function setting is effective, it is equipped with "automatic emergency leveling device" to satisfy automatic emergency leveling conditions. After power grid fails, automatic emergency leveling device supplies electricity and the elevator travels to the leveling position of the nearest landing. It opens the door, for safe evacuation of the passengers from the car.

● Long-distance monitor

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.

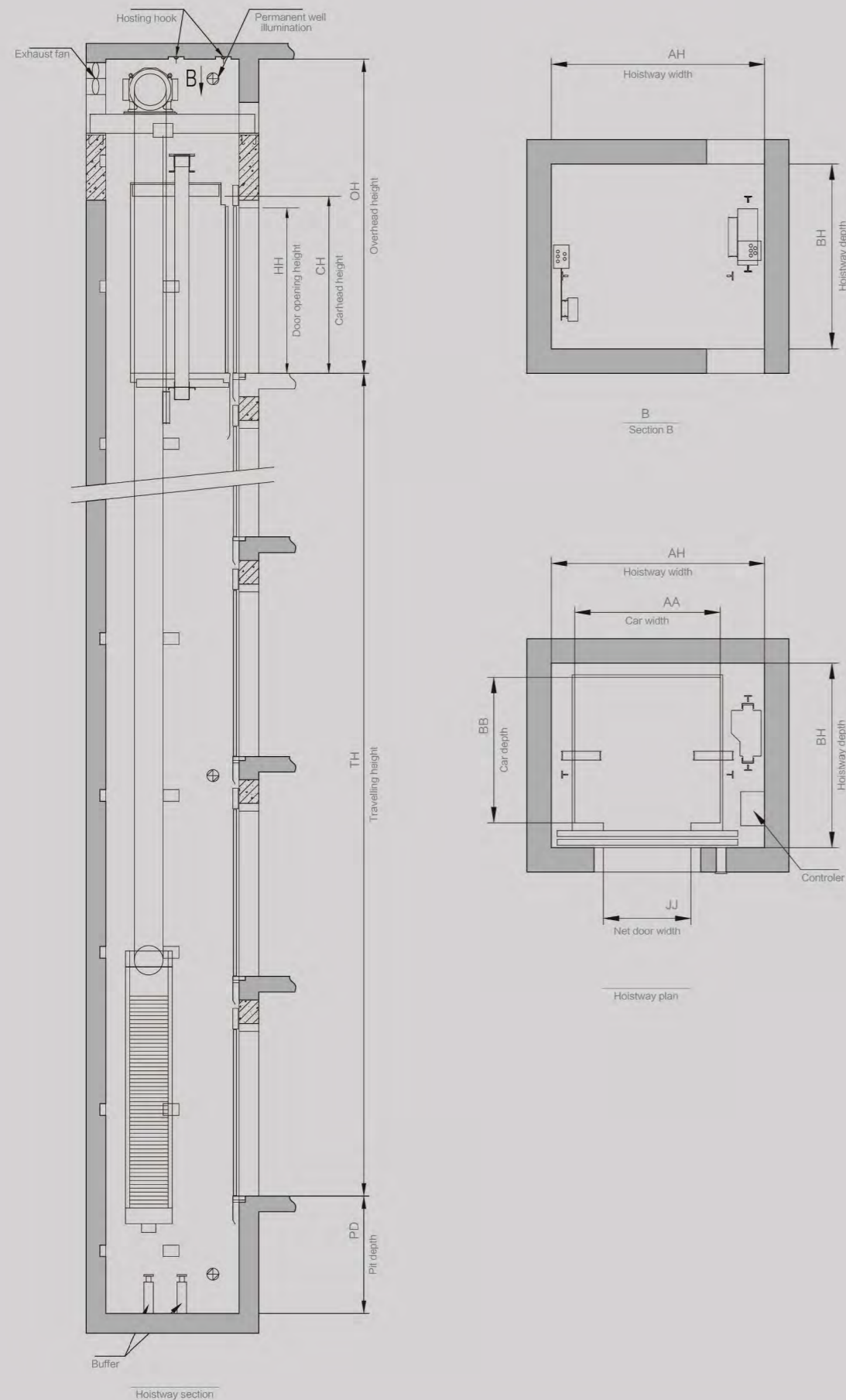
● Energy feedback

When energy feedback device is installed, the energy produced during the elevator light-load up-motion and heavy-load down-motion will be used by power grid and the surrounding equipments, it fulfills the energy-saving purposes.

● Electric brake release switch

CANNY machine roomless elevator is specially equipped with the electric brake release switch so that the emergency relief can be more timely and conveniently.

Construction parameters



KLW KLW Machine Roomless Elevator Parameter Table

(Kg)	(m/s)	(mm)	(mm)	Car size (mm)			Hoistway size (mm)		(mm)	(mm)	(m)
Loading capacity	Rated speed	Door opening width	Door opening height	Width	Depth	Height	Width	Depth	Top floor height	Pit depth	Max. travelling 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	3800 (3900) / 3850 (3950)	1450	30 / 50
	1.6	800	2100	1100	1400	2250	1800	1800	3950 (4050) / 4000 (4100)	1550	30 / 60
	1.75	800	2100	1100	1400	2250	1800	1800	4000 (4100) / 4050 (4150)	1600	30 / 80
800	1.0	800	2100	1300	1400	2250	2000	1800	3800 (3900) / 4100	1450	30 / 50
	1.6	800	2100	1300	1400	2250	2000	1800	4050 / 4200	1550	30 / 60
	1.75	800	2100	1300	1400	2250	2000	1800	4050 (4100) / 4200	1600	30 / 80
1000	1.0	900	2100	1500	1500	2250	2200	1900	3800 (3900) / 4100	1450	30 / 50
	1.6	900	2100	1500	1500	2250	2200	1900	4050 / 4200	1550	30 / 60
	1.75	900	2100	1500	1500	2250	2200	1900	4050 (4100) / 4200	1600	30 / 80
	2.0	900	2100	1500	1500	2250	2200	1900	4700	1650	95
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 / 80
1250	2.0	1000	2100	1700	1500	2250	2550	1950	4700	1700	95
	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
1350	1.75	1000	2100	1800	1500	2250	2650	1950	4150 (4250) / 4300 (4400)	1650	30 / 80
	2.0	1000	2100	1800	1500	2250	2650	1950	4700	1700	95
	1.0	1100	2100	1950	1500	2250	2800	1950	3900 (4000) / 4200 (4300)	1500	30 / 50
1600	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 / 80
	2.0	1100	2100	1950	1500	2250	2800	1950	4700	1700	95
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 / 80
	2.0	1100	2100	2000	2000	2250	2900	2400	4700	1700	95