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**KLB**  
KLB Hospital elevator

**CANNY ELEVATOR CO.,LTD.**

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**KLW**  
KLW Machine room less  
hospital elevator



Extra large car space  
1.4x2.4x2.4米

### Design of handrail

The fine and smooth round handrail, the engineering structure imitating the human body, and the curve perfectly fitting the arms, render the comfortable and secure feelings.



## Dedicate, subtle and complete care and concerns

Customized for the sites of hospitals

Given the particularity of hospitals, Canny hospital elevator makes special design in functions, to render more sense of safety to the elder people, children and patients.

**Space:** the super large lift car space of 1.4m\*2.4m\*2.4m and super large capacity makes the stretchers in and out freely.

**Materials of Lift Car:** completely environment-friendly materials without any peculiar smell and pollution.

**Elevator use functions for the handicapped (optional):** CANNY hospital elevator puts the needs of calling demand of the handicapped into consideration by prolonging the door opening time and makes it more convenient.

**Voice Announcement (optional):** voice instruction, which provides convenience for the blind and the elderly whose hearing is impaired or degenerated.

**Design of the Landing door:** three different designs of the landing gates including opening from the side, opening from the middle and the run-through between the front and the back, meet the requirements of different architectural structures.

### Purification and ventilation

The special design of ventilation, effectively purifies the air.



### Key buttons

The key buttons like keyboard with concave and convex is convenient for the blind to sense and makes the reaction more sensitive

### Height of the buttons

It adopts the most scientific human height standards for the design and installation, which makes it more easy and convenient to raise the hands for operations.





Extended  
delay closing



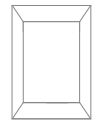
**Secure and stable, safe and reliable**

Creating the warm space for life

- ◆ It can automatically display the information of the breakdowns improve the efficiency of maintenance. Besides, it can automatically save the information of 30 breakdowns, thus facilitating the mastering of the details and clearing the trouble.
- ◆ It has electromagnetic compatibility, which can effectively avoid the electromagnetic wave interference of the medical instruments and elevator signals, thus meeting the demand of the modern medical system.
- ◆ There is the intensive distribution of 128 rays of infrared beams, which can probe any foreign matter entering the region in a readywitted manner and avoid injuries of pressing or colliding.
- ◆ It can maintain the on-state of the elevators for a relatively long period of time and lengthen the time of closing the gate, thus meeting the requirement of the medical care personal and the patients for safety in and out. (Optional)
- ◆ It has the elevator emergency device so that when the elevator powers off or the breakdown of the elevator stops, it can rapidly switch to the low-speed operation and move to the position of the leveling, thus evacuating the passengers after opening the gate while stopping stably. (Optional)



The VWF door-motor system can sensitively adjust the opening and closing speed of each floor, thus guaranteeing the smoothness and tranquility of the elevator gate.



## Standardized design

### Standard configuration of the lift car decoration

The inner wall of the lift car adopts the stainless steel overlapping uprights and the stainless steel skirting lines, which can be perfectly combined with the high-quality panel materials, thus further highlighting the stable and generous atmosphere.



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

### KL/Y4-001-2

Ceiling: KL/DD-Y001 Hairline stainless steel, polycarbonate sheet  
LED light source  
Floor: KL/JD-Y001  
Operation panel: KL241CD Integrated operation panel  
Car door: Hairline stainless steel  
Car trunk bulkhead: Hairline stainless steel + mirror stainless steel  
Handrail: KL-FS 001  
Skirting board: Hairline stainless steel

### Lift car decoration configuration which is Free and optional



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

### KL/Y4-002

Ceiling: KL-D 014 Hairline stainless steel  
Operation panel: KL-231C Integrated operation panel  
Car wall: Hairline stainless steel  
Car door: Hairline stainless steel  
Floor: KL-JD 006  
Skirting board: Hairline stainless steel





# Integrated operation panel

CANNY hospital elevator applies the most concise integrative operation panel in the aspect of the model. It needs no re-installation, is of the natural model, and uses environmental protection materials, is cost-saving, sensitively reactive, and with easy maintenance.

**Display screen**  
Dot matrix display  
**Parking number**  
2-48 stop layer

Panel material (Mirror stainless steel)

Optional button

**KL241CD**  
Standard

**KL242CD**  
Free optional

Panel material (Hairline stainless steel)

Optional button

**KL231CD**  
Free optional

**KL232CD**  
Free optional

**Display screen**  
Liquid crystal display screen  
**Parking number**  
2-48 stop layer

Panel material (Hairline stainless steel)

Panel material (Mirror stainless steel)

## Calling indicator without bottom box

Simplex elevator

**KL631H**  
Standard  
Dot matrix display

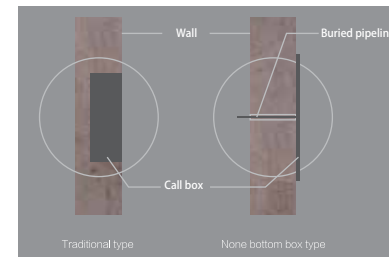
**KL632H**  
Free optional  
Dot matrix display

Fire protection box and elevator locking box  
Without bottom case

**KL651H**  
Fire Protection Box  
Standard

**KL652H**  
Elevator Locking Box  
Standard

Installation methods comparison



Traditional type: It needs pre-set hole in the construction. It costs time and labor.  
None bottom box type: It only requires pre-embedded lines and wires. It needs no pre-set hole. It is prompt and convenient in repair and installation.

Hospital Elevator

## Hoist-way door series

Entry & exit decoration

Jamb: It matches with the hoist-way door  
Hoist-way door: Hairline stainless steel  
Dusting steel plate  
Sill: Hard aluminum



Side opening type



Center opening type

## Handrail (optional)



KL-FS 001  
Stainless steel hairline mono-tube



KL-FS 003  
Stainless steel hairline double-tube



KL-FS 005  
Stainless steel hairline tri-tube



KL-FS 009  
Short grain stainless steel, arc head

## PVC floor (optional)



KL-JD 001



KL-JD 002



KL-JD 003



KL-JD 004



KL-JD 005



KL-JD 006



KL-JD 009

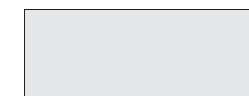


KL-JD 010



KL/JD-Y001

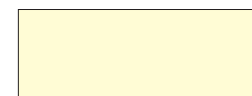
## Dusting color standard (optional)



KL-SK 001  
Ice gray



KL-SK 002  
Plane gray



KL-SK 003  
Corny yellow



## ● Braking Force Self-Detecting

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.

## ● Braking 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.

## ● 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 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.

## ● 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

After the fire-fighting switch closes, the system enters into fire-fighting running. The system will remove all the landing calling and car command signals, and it automatically return to fire-fighting home landing, and the door keeps open. If the elevator is traveling reversely, 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, after 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 opens, it immediately exits from parking condition and throws 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), under the condition of none elevator running, you only require to press the car command button at the same floor to cancel the register. (By then the car indicating lamp dies out.)

## ● 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 lighting 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.

## ● Cancel 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 calling 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.

## ● Automatic return to home landing

In no-operator running, if automatic return function to home landing is still effective, when no-landing calling signal time fulfills preset time, the elevator returns to home landing automatically.

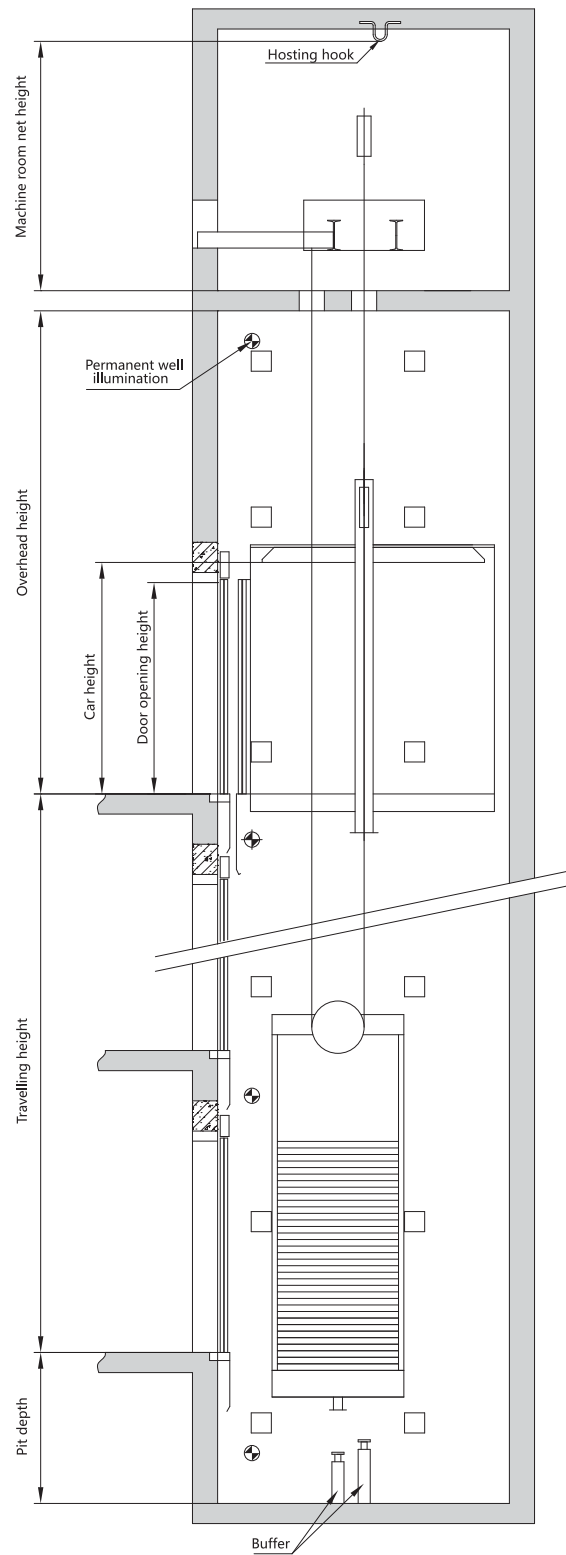
## ● Electric brake release

Under the non-balancing conditions, Machine Roomless elevator, It automatically alarms after entering into the door zone with the manual door-open aid.

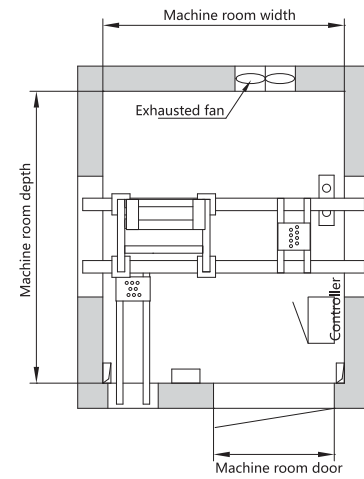
Note: Electric brake release for KLW machine roomless hospital elevator.

# Construction parameter

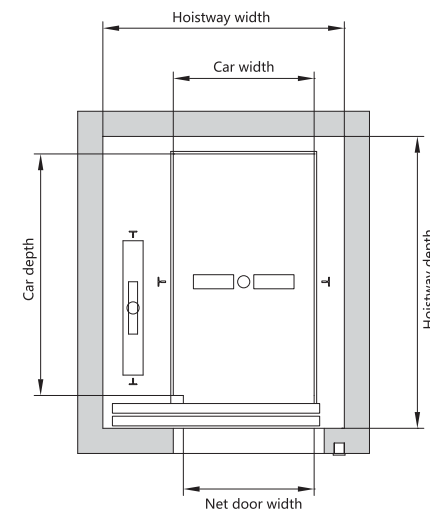
KLB Hospital elevator



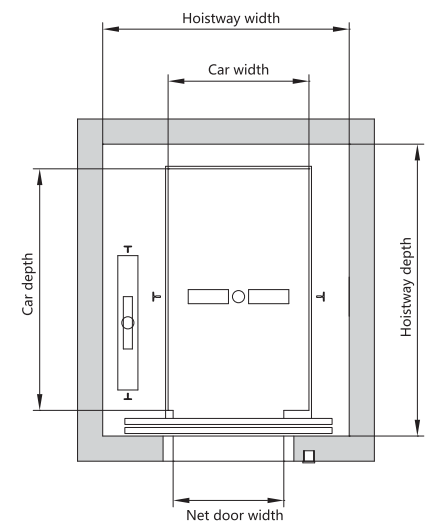
Hoistway section



Machine room plan



Side opening plan



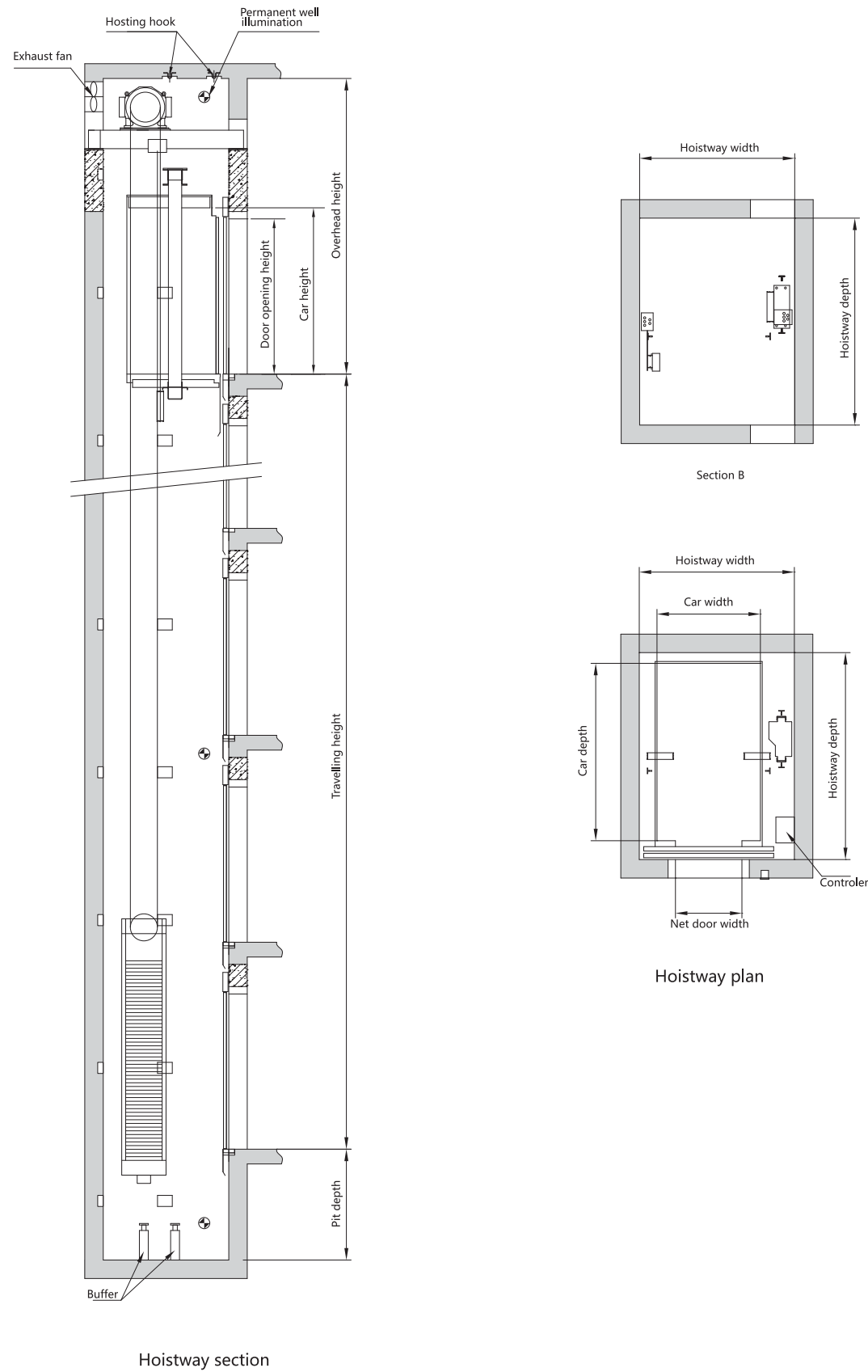
Folde center opening plan

KLB Hospital elevator parameter table

Loading capacity	Rated speed	Door opening width	Door opening height	Car size			Hoistway size		Machine room size		Top floor height	Pit depth	Max.travelling height
				Width	Depth	Height	Width	Depth	Width	Depth			
1600	1.0	1300	2100	1400	2400	2400	2400	2900	2400	2900	4300	1750	60
	1.6	1300	2100	1400	2400	2400	2400	2900	2400	2900	4400	1750	80
	1.75	1300	2100	1400	2400	2400	2400	2900	2400	2900	4600	1800	105
	2.0	1300	2100	1400	2400	2400	2400	2900	2400	2900	4650	1850	120
1600	1.0	1300	2100	1400	2400	2400	2400	3050	2400	3050	4300	1750	60
	1.6	1300	2100	1400	2400	2400	2400	3050	2400	3050	4400	1750	80
	1.75	1300	2100	1400	2400	2400	2400	3050	2400	3050	4600	1800	105
	2.0	1300	2100	1400	2400	2400	2400	3050	2400	3050	4650	1850	120
1600	1.0	1100	2100	1400	2400	2400	2450	2900	2450	2900	4300	1750	60
	1.6	1100	2100	1400	2400	2400	2450	2900	2450	2900	4400	1750	80
	1.75	1100	2100	1400	2400	2400	2450	2900	2450	2900	4600	1800	105
	2.0	1100	2100	1400	2400	2400	2450	2900	2450	2900	4650	1850	120
1600	1.0	1100	2100	1400	2400	2400	2450	2910	2450	2910	4300	1750	60
	1.6	1100	2100	1400	2400	2400	2450	2910	2450	2910	4400	1750	80
	1.75	1100	2100	1400	2400	2400	2450	2910	2450	2910	4600	1800	105
	2.0	1100	2100	1400	2400	2400	2450	2910	2450	2910	4650	1850	120
Remarks				Car net height excluding ceiling									

# Construction parameter

KLW Machine roomless hospital elevator



KLW Machine roomless hospital elevator parameter table

Loading capacity	Rated speed	Door opening width	Door opening height	Car size			Hoistway size		Top floor height	Pit depth	Max. travelling height
				Width	Depth	Height	Width	Depth			
1600	1.0	1100	2100	1400	2400	2250	2400	2800	4100 / 4300	1500	30 / 50
	1.6	1100	2100	1400	2400	2250	2400	2800	4250 / 4400	1600	30 / 60
	1.75	1100	2100	1400	2400	2250	2400	2800	4300 / 4400	1650	30 / 80
	2.0	1100	2100	1400	2400	2250	2400	2800	4700	1700	95
1600	1.0	1300	2100	1400	2400	2250	2400	2900	4200 / 4300	1500	30 / 50
	1.6	1300	2100	1400	2400	2250	2400	2900	4350 / 4400	1600	30 / 60
	1.75	1300	2100	1400	2400	2250	2400	2900	4400 / 4450	1650	30 / 80
	2.0	1300	2100	1400	2400	2250	2400	2900	4700	1700	95
1600(贵)	1.0	1100	2100	1400	2400	2250	2400	2910	4100 / 4300	1500	30 / 50
	1.6	1100	2100	1400	2400	2250	2400	2910	4250 / 4400	1600	30 / 60
	1.75	1100	2100	1400	2400	2250	2400	2910	4300 / 4400	1650	30 / 80
1600(贵)	2.0	1100	2100	1400	2400	2250	2400	2910	4700	1700	95
	1.0	1300	2100	1400	2400	2250	2400	3050	4200 / 4300	1500	30 / 50
	1.6	1300	2100	1400	2400	2250	2400	3050	4350 / 4400	1600	30 / 60
	1.75	1300	2100	1400	2400	2250	2400	3050	4400 / 4450	1650	30 / 80
2.0	1300	2100	1400	2400	2250	2400	3050	4700	1700	95	
Remarks	Car net height excluding ceiling									Less than 30m uncompensated chain configuration 2.0m/s whole compensation chain configuration	