KOYO® Elevator
Lead The Best Life

ELEVATOR

KOYO Elevator Co., Ltd.

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FOREWORD

We will accompany and guard you safely to travel with utmost care.

We pass every piece of love and life with care. Whenever you touch lift button and make a step, love shall be around with you.

We have rock-solid guarantee of safety, with attentive daily accompany filled with warm. We fully participate in your splendid life. We exist around the world, we are responsible for you and us.

CONTENTS

COMPANY PROFILE

Lead the best life

KOYO®, as an outstanding representative of Chinese elevator companies, is specialized in designing, researching, manufacturing, selling, installing and maintaining. Combining advanced technique with Chinese traditional aesthetic, KOYO team with its own main board and control system, try their best to perfect products. Since 2002, KOYO products have been exported over 98 countries including America, South Africa, Germany, France, Italy, England and so on.

“Created in China”-KOYO, well-known Brand across the world

KOYO creates the perfect service experience with first-class quality of the staff. The perfect fusion of technology creates the world’s leading elevator products, which is able to bring its products all over the world. KOYO has rewritten Chinese history and created the world famous elevator brand.

Using “No.1” achieves “Created in China”

From “Made in China” to “Created in China”, KOYO creates the perfect products with enthusiasm, bears fruit with its effort, and gets proud achievements. KOYO has completed world “NO.1” one by one, set the example for China private enterprises, and created the world’s sixteen “No.1”.

PASSENGER ELEVATOR FEATURES

Safety

Pioneer & Leader in elevator field, giving you comprehensive protection

VVVF Door Operator Control System

Using permanent magnet and VVVF synchronous inverter control system, operation curve of opening and closing door is adjustable, operating safely,comfortably, with low noise and high reliability.

Infrared Light Curtain System

Light curtain protection is formed at the entrance of elevator, which can inspect human or objects going in or out of elevator anytime so that accidents can be avoided. Passenger's safety and property can be protected efficiently.

Environment-friendly

Green life is responsibility

Permanent magnet synchronous motor technology

KOYO elevators use rare-earth material, outer rotor structure, permanent magnet synchronous motor drive, combining with coaxial driving technology, digital inverter technology and computer group control to make system more reliable. Compared with same capacity geared motor elevator, it can save energy by 50%. This kind of motor does not need to use oil, reducing fuel consumption and avoiding fire accident due to oil.

Energy Regeneration Technology

Adopting the high speed DSP CPU and the most advanced SVPWM modulation technology, we can restore three phase output volt; Adopting phase sequence automatic identifying technology and LC filter technology, harmonic and EMI can be efficiently inhibited to ensure regenerating clean energy; The effects of energy saving is remarkable,with 20-50% fractional energy saving and 97.5% regeneration energy recycling efficiency.

Intelligence

Science creates quality

Elevator controller

Adopting 32 bits embedded microprocessor to achieve elevator function and motor driving control, using CAN bus communication, the system wiring is easy and also date transmission has high ability and is more reliable.

Remote Diagnosis System

- Have multiple remote connection methods,such as GPRS,WIFI Internet;
- Have field diagnosis module,which can work separated, without vibration and date collector;
- Use only three parameters to complete elevator commission: elevator type, speed and capacity;
- Use human-based levelling adjustment: guide the levelling status,car and sill gap directly.

MR CONTROL CABINET

MRL CONTROL CABINET

CONTROL SYSTEM MAIN FEATURES

01 Prefect integration of control and drive of elevator. The whole device features compact structure and small size, fewer connections, which is characterized as high reliability and easy-to-use property and cost-efficiency.

02 Double 32-bit embedded microprocessor jointly finish the elevator operation and motor drive control.

03 Redundant safety design, double safety protection for control processor and drive processor to achieve the maximum safety guarantee for elevator travel.

04 The design requirements of anti-interference capacity go beyond the highest standard in the industrial design requirement.

05 All CAN bus communication make the whole system connected easily, data transmitted strongly, and more reliable.

06 The adoption of the advanced direct landing technology make elevator running more efficiently.

07 The advanced multifunctional elevator operation mode can fully meet various needs of customers.

08 Advanced group control feature. Not only compatible with the traditional group control mode of up to 8 units, but also support the new group control of destination floor distribution.

09 The adoption of advanced vector control technology can make the motor speed adjusted well for the realization of the best elevator comfort.

10 Adapt to both synchronous motor and asynchronous motor.

11 Newly-developed none-load sensor-activated compensation technology provides excellent starting comfort to elevator even if no counterweight is installed.

12 To adopt incremental ABZ encoder to realize the synchronized control of motors. To adopt the none-load sensor-activated compensation technology to achieve the excellent start-up comfort.

13 New PWM dead band compensation technology can effectively reduce the motor noise and loss of machine.

14 Dynamic PWM carrier modulation technology can effectively reduce the motor noise.

15 Auto-tuning phase of synchronous motor without encoder.

16 Asynchronous motor is not required for motor parameter acquisition process once the motor parameter is set correctly. The convenient static motor parameter acquisition process is available If is impossible to acquire the exact motor parameter on site. So there is no need to hoist the car and etc in this way.

17 The hardware is the 6th generation of module with the junction temperature resistance up to 175"C. Low loss for switch and connection to ensure the long use life.

PASSENGER ELEVATOR (STANDARD DESIGN)

MODEL: **KYC301**

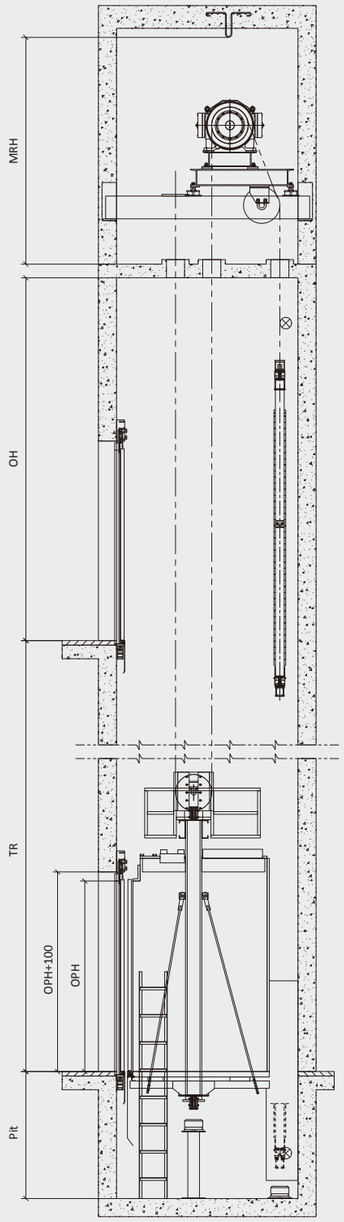
Ceiling: Painted steel, LED

Car Wall: Hairline stainless steel

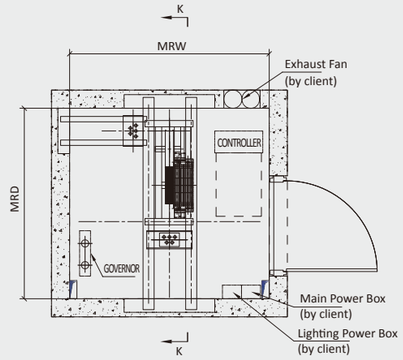
Floor: PVC

• MR PASSENGER ELEVATOR | Drawing

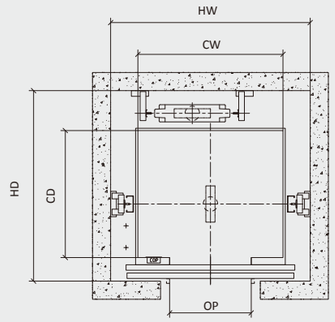
Shaft Vertical Section
K-K



Machine Room Plane Layout



Shaft Plane Layout



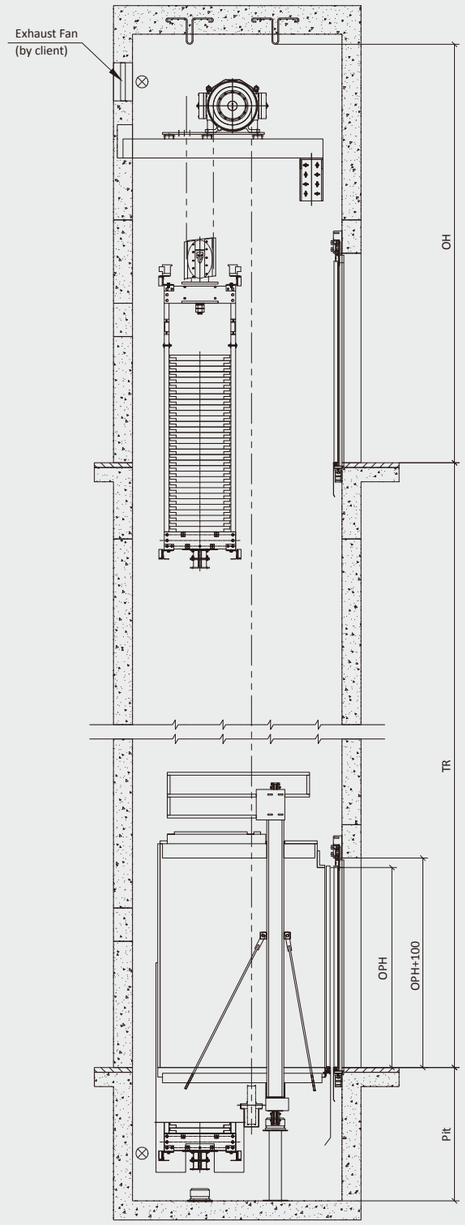
| Parameter Table

Type	Persons	Rated Speed (m/s)	TR (m)	OH (mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
TKJ450	6	1	TR≤45	3900	1400	CO 750×2100	1350×900×2200	1850×1550
TKJ630	8	1	TR≤45	3900	1400	CO 800×2100	1400×1100×2200	1900×1750
		1.5	25≤TR≤65	4000	1500			
		1.75	35≤TR≤80	4300	1500			
TKJ800	10	1	TR≤45	3900	1400	CO 800×2100	1400×1350×2200	1900×2000
		1.5	25≤TR≤65	4000	1500			
		1.75	35≤TR≤80	4300	1500			
		2	40≤TR≤90	4400	1600			
TKJ1000	13	1	TR≤45	3900	1400	CO 900×2100	1600×1400×2200	2100×2050
		1.5	25≤TR≤65	4000	1500			
		1.75	35≤TR≤80	4300	1500			
		2	40≤TR≤90	4400	1600			
TKJ1150	15	1	TR≤45	4100	1400	CO 900×2100	1800×1400×2200	2300×2050
		1.5	25≤TR≤65	4200	1500			
		1.75	35≤TR≤80	4300	1600			
		2	40≤TR≤90	4400	1600			
TKJ1250	16	1	TR≤45	4100	1400	CO 1100×2100	2000×1400×2200	2600×2100
		1.5	25≤TR≤65	4200	1500			
		1.75	35≤TR≤80	4300	1600			
		2	40≤TR≤90	4600	1700			
TKJ1350	18	1	TR≤45	4200	1500	CO 1100×2100	2000×1500×2200	2500×2150
		1.5	25≤TR≤65	4300	1600			
		1.75	35≤TR≤80	4400	1600			
		2	40≤TR≤90	4600	1700			
TKJ1600	21	1	TR≤45	4200	1500	CO 1200×2100	2100×1600×2200	2600×2250
		1.5	25≤TR≤65	4300	1600			
		1.75	35≤TR≤80	4400	1600			
		2	40≤TR≤90	4600	1700			

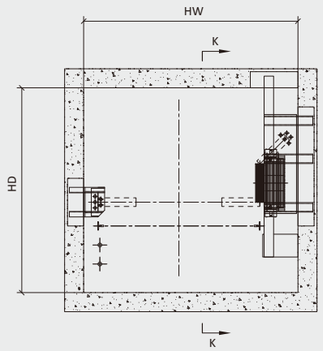
• MRL PASSENGER ELEVATOR | Drawing

Shaft Vertical Section

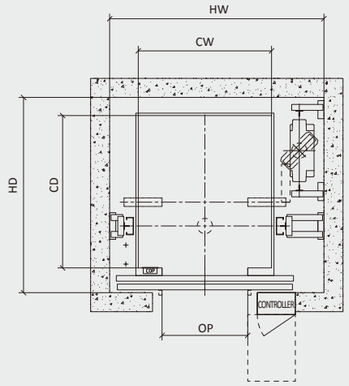
K-K



Top Plane Layout



Shaft Plane Layout



| Parameter Table

Type	Persons	Rated Speed (m/s)	TR (m)	OH (mm)	Pit (mm)	Opening Size(W×D) OP×OPH (mm)	Car Size (W×D×H) CW×CD×CH (mm)	Shaft Size (W×D) HW×HD (mm)
TWJ450	6	1	TR≤45	3800	1400	CO 750×2100	900×1350×2200	1900×1750
TWJ630	8	1	TR≤45	3500*	1100*	CO 800×2100	1100×1400×2200	1850×1800
		1	TR≤45	3800	1400		1100×1400×2200	2000×1850
		1.5	25≤TR≤65	4000	1500			
		1.75	35≤TR≤80	4000	1600			
TWJ800	10	1	TR≤45	4000	1400	CO 800×2100	1350×1400×2200	2200×1850
		1.5	25≤TR≤65	4200	1500			
		1.75	35≤TR≤80	4200	1600			
TWJ1000	13	1	TR≤45	3500*	1100*	SO 900×2100	1100×2100×2200	1750×2550
		1	TR≤45	4000	1400	CO 900×2100	1400×1600×2200	2250×2050
		1.5	25≤TR≤65	4200	1500			
		1.75	35≤TR≤80	4200	1600			
TWJ1150	15	1	TR≤45	4300	1400	CO 900×2100	1400×1800×2200	2400×2250
		1.5	25≤TR≤65	4500	1500			
		1.75	35≤TR≤80	4500	1600			
TWJ1250	16	1	TR≤45	4400	1500	CO 1000×2100	1400×2000×2200	2550×2450
		1.5	25≤TR≤65	4500	1600			
		1.75	35≤TR≤80	4500	1700			
TWJ1350	18	1	TR≤45	4400	1500	CO 1000×2100	1500×2000×2200	2600×2450
		1.5	25≤TR≤65	4500	1600			
		1.75	35≤TR≤80	4500	1700			
TWJ1600	21	1	TR≤45	4500	1600	CO 1100×2100	1600×2100×2200	2700×2500
		1.6	25≤TR≤65	4600	1700			
		1.75	35≤TR≤80	4600	1800			

* Only for non-standard without inspection

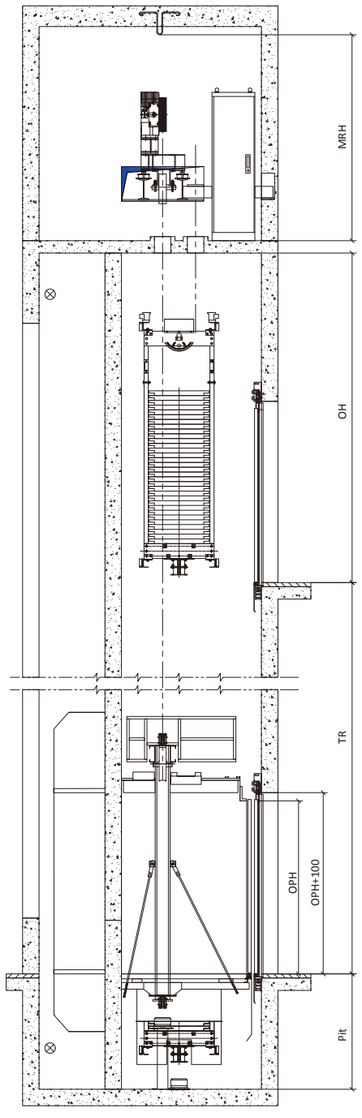
PANORAMIC ELEVATOR (STANDARD DESIGN)

MODEL: KY1403

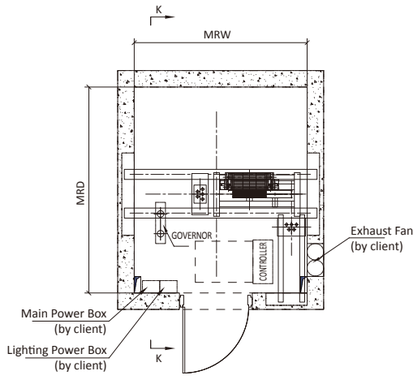
Shell: Steel plate with baking finish, ACRYL
Ceiling: Steel plate with baking finish, mirror SS, downlight
Panoramic: laminated safety glass
Wall: Hairline SS
Handrail: SS tube
Car Sill: Mirror SS
Floor: Marble
Front Wall: Hairline SS
Car Door: Hairline SS

• MR PANORAMIC ELEVATOR | Drawing

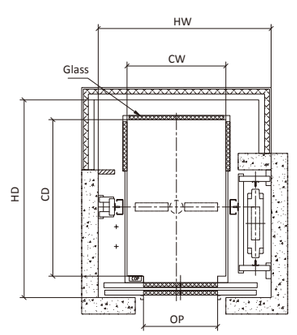
Shaft Vertical Section
K-K



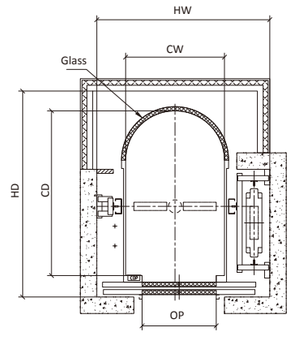
Machine Room Plane Layout



Shaft Plane Layout

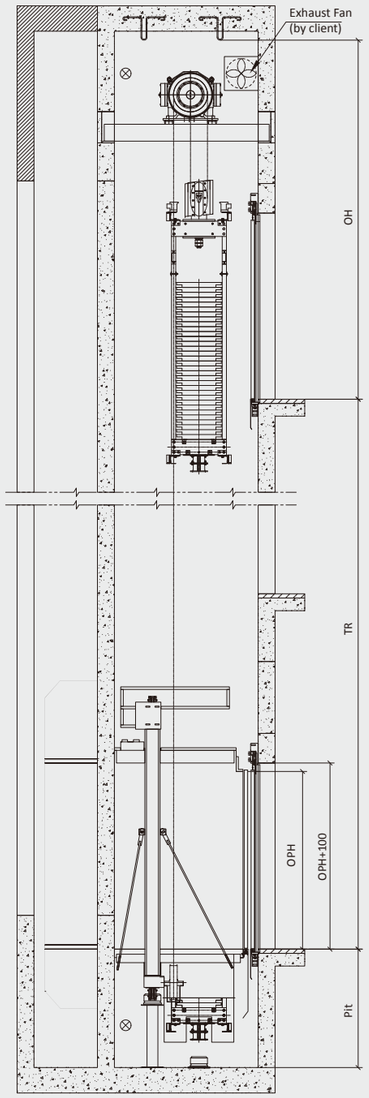


Shaft Plane Layout

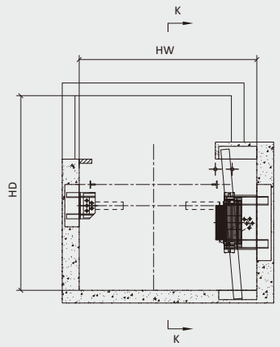


• MRL PANORAMIC ELEVATOR | Drawing

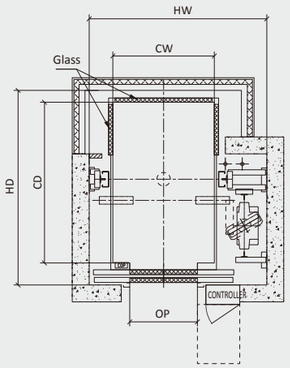
Shaft Vertical Section
K-K



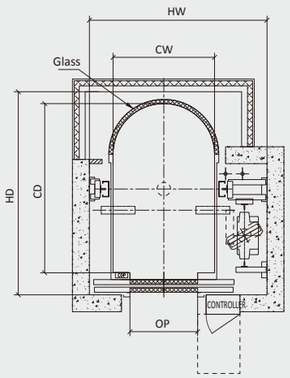
Top Plane Layout



Shaft Plane Layout



Shaft Plane Layout



| MR Panoramic Elevator Parameter Table

Type	Persons	Rated Speed (m/s)	TR (m)	OH (mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm) Square Car	Car Size CW×CD×CH (mm) Half-round Car	Shaft Size HW×HD (mm)
TGJ800	10	1	TR≤45	4400	1800	CO 800×2100	1100×1700×2200	-	2100×2200
		1.5	25≤TR≤65	4600	1900				
		1.75	35≤TR≤80	4800	1900				
TGJ1000	13	1	TR≤45	4400	1900	CO 900×2100	1200×1900×2200	1200×2000×2200	2200×2500
		1.5	25≤TR≤65	4600	1900				
		1.75	35≤TR≤80	4800	1900				
TGJ1250	16	1	TR≤45	4400	1900	CO 1000×2100	1300×2100×2200	1300×2200×2200	2400×2700
		1.5	25≤TR≤65	4600	2000				
		1.75	35≤TR≤80	4800	2000				
TGJ1350	18	1	TR≤45	4400	1900	CO 1000×2100	1400×2100×2200	1400×2200×2200	2500×2700
		1.5	25≤TR≤65	4600	2000				
		1.75	35≤TR≤80	4800	2000				

| MRL Panoramic Elevator Parameter Table

Type	Persons	Rated Speed (m/s)	TR (m)	OH (mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm) Square Car	Car Size CW×CD×CH (mm) Half-round Car	Shaft Size HW×HD (mm)
TGJW800	10	1	TR≤45	4700	1900	CO 800×2100	1100×1700×2200	-	2100×2200
		1.5	25≤TR≤65	4900	2000				
		1.75	35≤TR≤80	5000	2100				
TGJW1000	13	1	TR≤45	4700	1900	CO 900×2100	1200×1900×2200	1200×2000×2200	2200×2500
		1.5	25≤TR≤65	4900	2000				
		1.75	35≤TR≤80	5000	2100				
TGJW1250	16	1	TR≤45	4700	1900	CO 1000×2100	1300×2100×2200	1300×2200×2200	2400×2700
		1.5	25≤TR≤65	4900	2000				
		1.75	35≤TR≤80	5000	2100				
TGJW1350	18	1	TR≤45	4700	1900	CO 1000×2100	1400×2100×2200	1400×2200×2200	2500×2700
		1.5	25≤TR≤65	4900	2000				
		1.75	35≤TR≤80	5000	2100				

HIGH SPEED ELEVATOR (STANDARD DESIGN)

MODEL: **KYC206**

Ceiling: Hairline stainless steel,Acrylic plate, LED

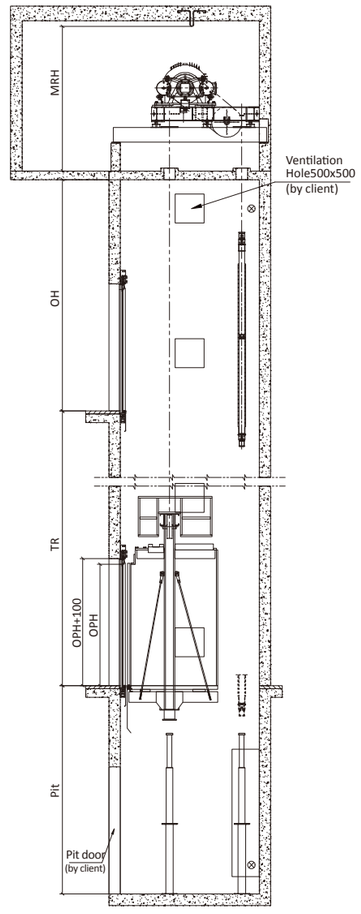
Car Walls: Hairline /Mirror stainless steel

Handrail: Hairline stainless steel

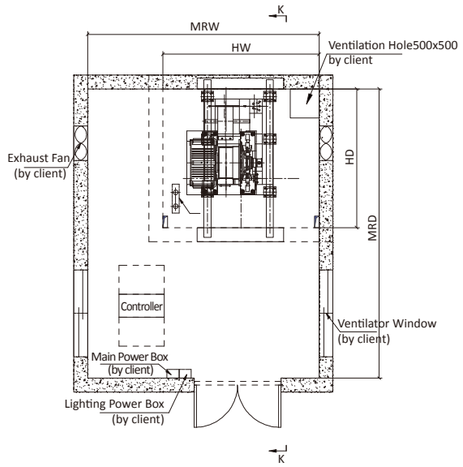
Floor: Marble

• HIGH-SPEED ELEVATOR MR | Drawing

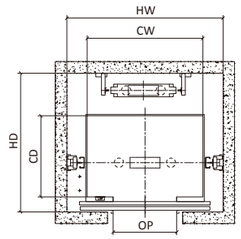
Shaft Vertical Section
K-K



Machine Room Plane Layout



Shaft Plane Layout



| Parameter Table

Type	Persons	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
TKJS 1250	16	2.5	55≤TR≤100	4700	2100	CO 1100×2100	2000×1400×2200	2700×2400
		3	65≤TR≤135	5000	3600			
TKJS 1350	18	2.5	55≤TR≤100	4700	2100	CO 1100×2100	2000×1500×2200	2700×2500
		3	65≤TR≤135	5000	3600			
		4	85≤TR≤180	5700	4000			
TKJS 1600	21	2.5	55≤TR≤100	4700	2100	CO 1200×2100	2100×1600×2200	2900×2600
		3	65≤TR≤135	5000	3600			
		4	85≤TR≤180	5700	4000			

HOSPITAL ELEVATOR (STANDARD DESIGN)

MODEL: **KYC303**

Ceiling: Hairline stainless steel, LED

Car Walls: Hairline / Mirror stainless steel

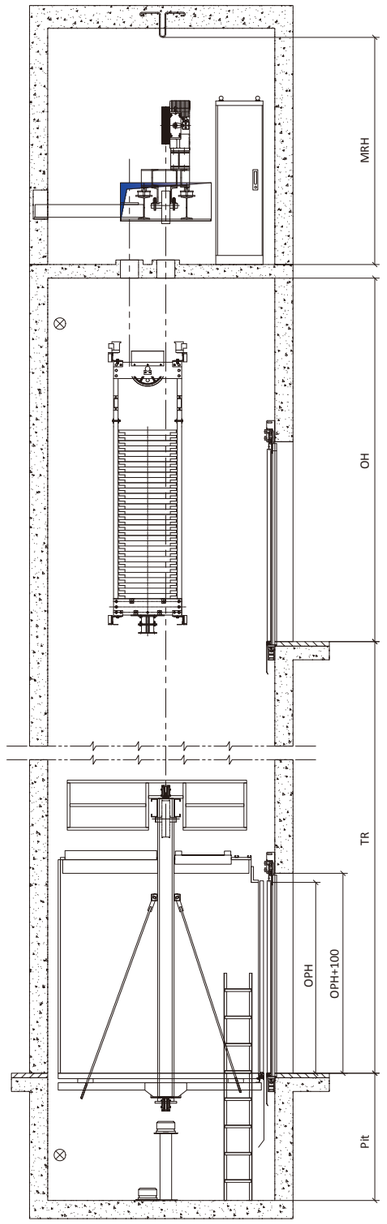
Handrail: Hairline stainless steel

Floor: PVC

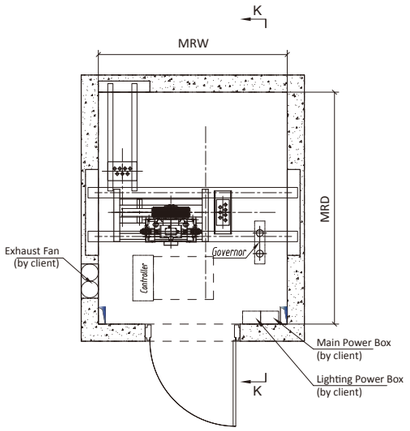
• MR HOSPITAL ELEVATOR | Drawing

Shaft Vertical Section

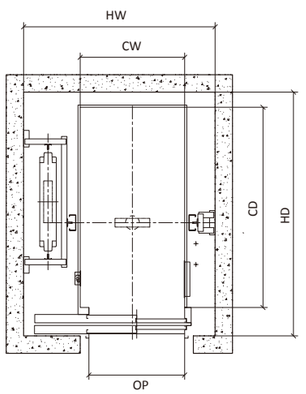
K-K



Machine RoomPlane Layout

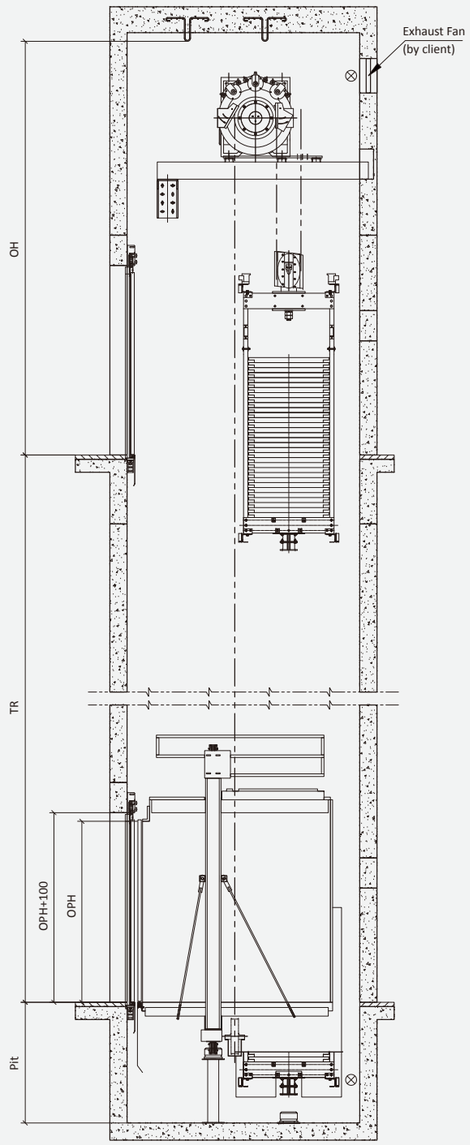


Shaft Plane Layout

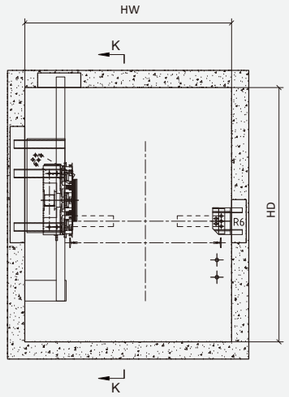


• MRL HOSPITAL ELEVATOR | Drawing

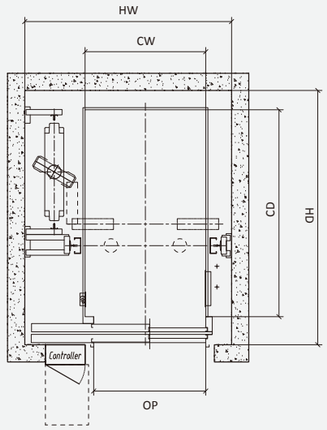
Shaft Vertical Section
K-K



Top Plane Layout



Shaft Plane Layout



| MR Hospital Elevator Parameter Table

Type	Persons	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
TBJ1250	16	1	TR≤45	4200	1500	SO 1100×2100	1200×2300×2200	2200×2850
		1.5	25≤TR≤65	4300	1600			
		1.75	35≤TR≤80	4400	1600			
		2	40≤TR≤90	4500	1700			
TBJ1350	18	1	TR≤45	4300	1500	SO 1100×2100	1300×2300×2200	2300×2850
		1.5	25≤TR≤65	4400	1600			
		1.75	35≤TR≤80	4500	1600			
		2	40≤TR≤90	4600	1700			
TBJ1600	21	1	TR≤45	4300	1500	SO 1300×2100	1400×2400×2200	2400×2950
		1.5	25≤TR≤65	4400	1600			
		1.75	35≤TR≤80	4500	1600			
		2	40≤TR≤90	4600	1700			

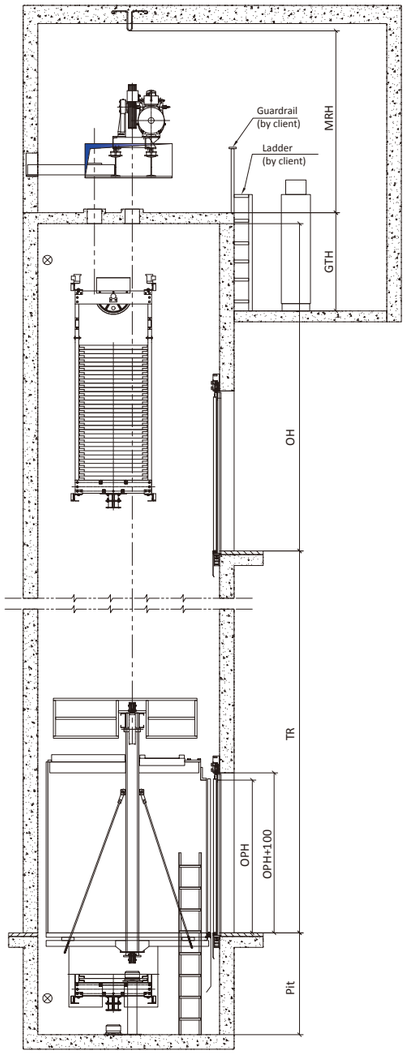
| MRL Hospital Elevator Parameter Table

Type	Persons	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
TBJW1250	16	1	TR≤45	4300	1500	SO 1100×2100	1200×2300×2200	2200×2850
		1.5	25≤TR≤65	4400	1600			
		1.75	35≤TR≤80	4500	1700			
TBJW1350	18	1	TR≤45	4300	1500	SO 1100×2100	1300×2300×2200	2300×2850
		1.5	25≤TR≤65	4400	1600			
		1.75	35≤TR≤80	4500	1700			
TBJW1600	21	1	TR≤45	4300	1600	SO 1300×2100	1400×2400×2200	2400×2950
		1.5	25≤TR≤65	4500	1700			
		1.75	35≤TR≤80	4600	1800			

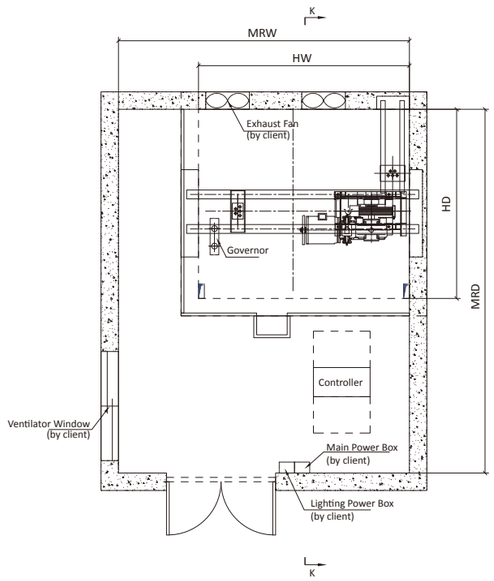
FREIGHT ELEVATOR (STANDARD DESIGN)

• MR FREIGHT ELEVATOR | Drawing

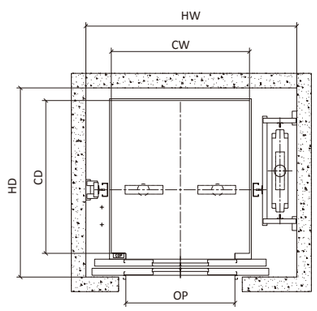
Shaft Vertical Section
K-K



Machine Room Plane Layout



Shaft Plane Layout



MODEL: **KYC304**

Ceiling: Painted steel
Car Walls: Painted steel
Floor: Checkered steel

Paint Color

RAL 1027

RAL 1020

RAL 5024

RAL 5009

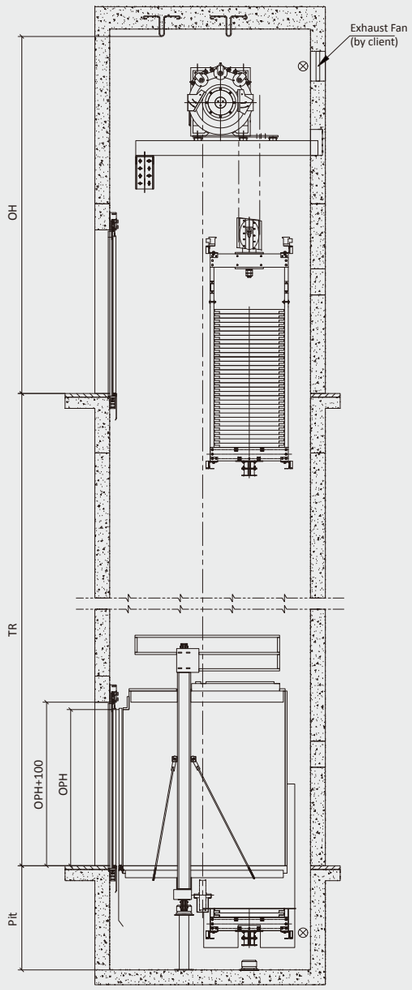
RAL 9001

| Parameter Table

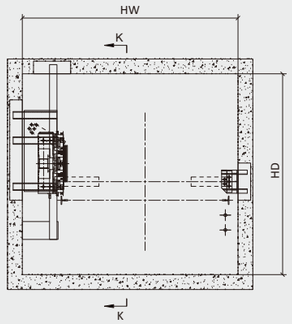
Type	Rated Speed (m/s)	TR(m)	OH (mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
THJ1000	0.5	TR≤45	4300	1500	C0-4P 1300×2100	1600×1400×2200	2200×2150
THJ1600	0.5	TR≤45	4300	1500	C0-4P 1500×2100	1800×1900×2200	2800×2400
THJ2000	0.5	TR≤45	4300	1500	C0-4P 1500×2100	1900×2100×2200	2900×2600
THJ3000	0.5	TR≤45	4400	1500	C0-4P 1700×2100	2200×2500×2200	3200×3000
THJ4000	0.5	TR≤45	4500	1600	C0-4P 2000×2100	2400×3000×2200	3600×3500
THJ5000	0.25	TR≤25	4500	1500	C0-4P 2000×2100	2500×3500×2200	3700×4000
	0.5	TR≤45		1600			

• MRL FREIGHT ELEVATOR | Drawing

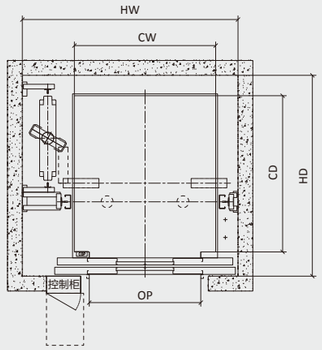
Shaft Vertical Section
K-K



Top Plane Layout



Shaft Plane Layout

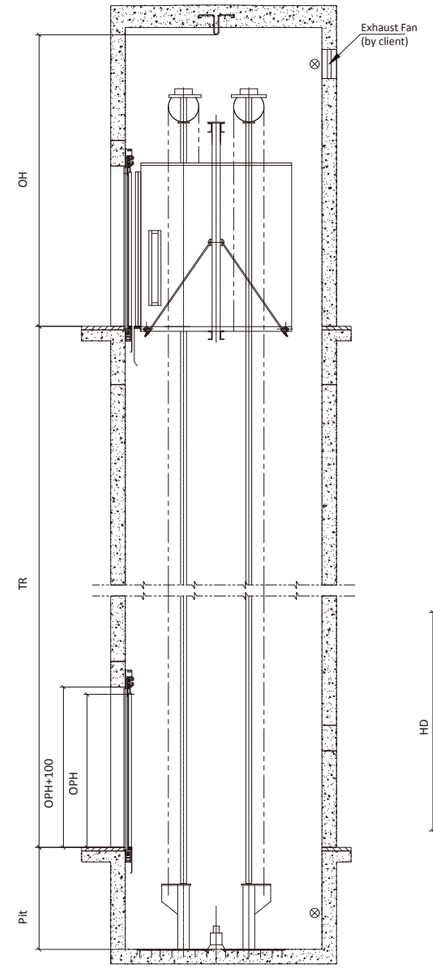


| Parameter Table

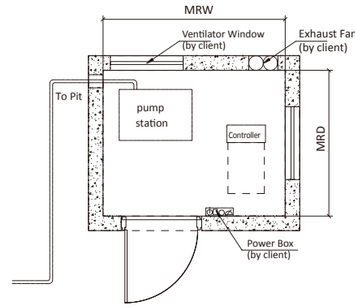
Type	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
THJW1000	1.0	TR≤45	4400	1400	C0-4P 1300×2100	1400×1600×2200	2350×2150
THJW1600	1.0	TR≤45	4500	1600	C0-4P 1500×2100	1800×1900×2200	2800×2500
THJW2000	1.0	TR≤45	4600	1600	C0-4P 1500×2100	1900×2100×2200	2900×2700
THJW3000	0.5	TR≤45	4800	1600	C0-4P 1700×2100	2200×2500×2200	3550×3000

• HYDRAULIC FREIGHT ELEVATOR | Drawing

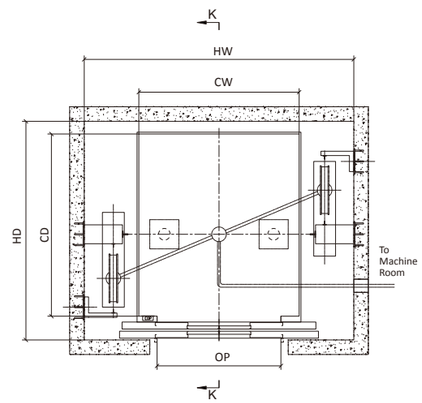
Shaft Vertical Section
K-K



Machine Room Plane Layout



Shaft Plane Layout

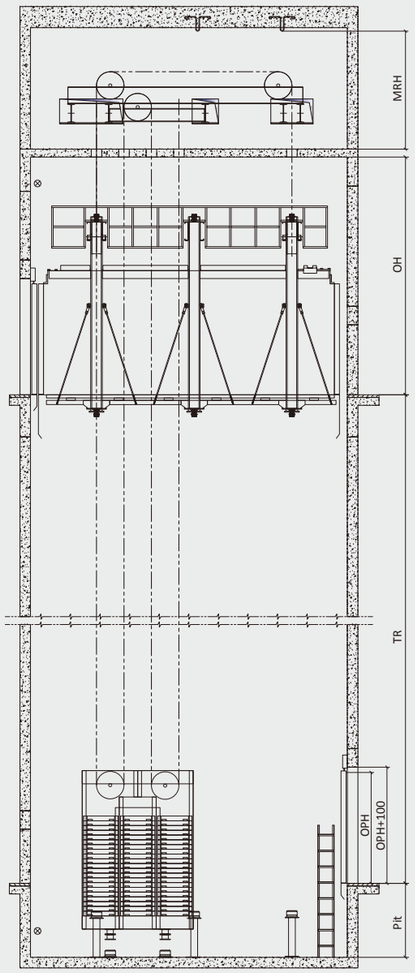


| Parameter Table

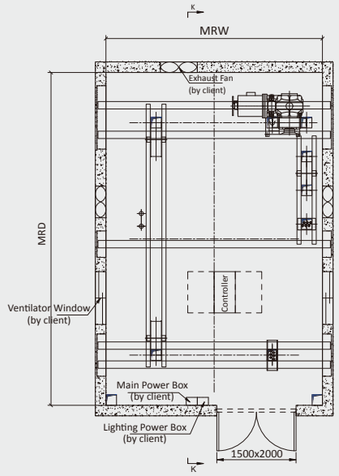
Type	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
THY1000	0.5	TR≤40	3600	1500	C0-4P 1300×2100	1300×1750×2200	2300×2300
THY1600	0.5	TR≤40	3800	1500	C0-4P 1500×2100	1500×2250×2200	2700×2800
THY2000	0.5	TR≤40	4000	1500	C0-4P 1500×2100	1800×2250×2200	3000×2800
THY3000	0.25	TR≤20	4200	1600	C0-4P 1700×2100	2200×2500×2200	3700×3000
THY4000	0.25	TR≤20	4200	1600	C0-4P 2000×2100	2200×3200×2200	3700×3700
THY5000	0.25	TR≤20	4200	1600	C0-4P 2000×2100	2400×3600×2200	3900×4100

• CAR ELEVATOR | Drawing

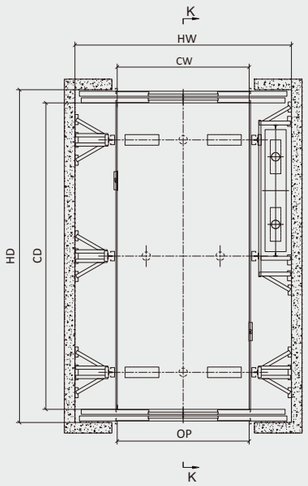
Shaft Vertical Section
K-K



Machine Room Plane Layout



Shaft Plane Layout

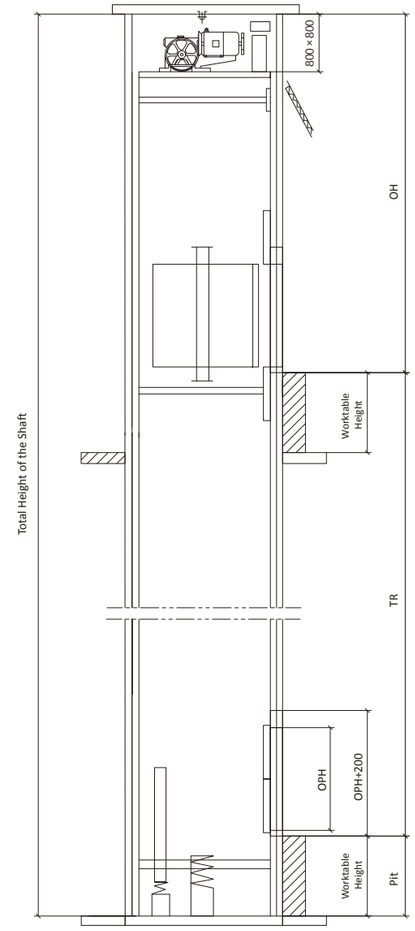


| Parameter Table

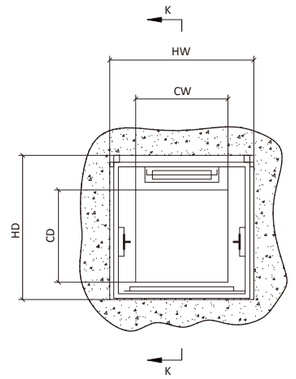
Type	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
TQJ3000	0.25	TR≤20	4600	1500	C0-4P 2500x2200	2500x5800x2400	4100x6300
	0.5	TR≤40					
TQJ5000	0.25	TR≤20	5000	1600	C0-4P 2800x2200	2800x7000x2400	4500x7500
	0.5	TR≤40					

• DUMBWAITER | Drawing

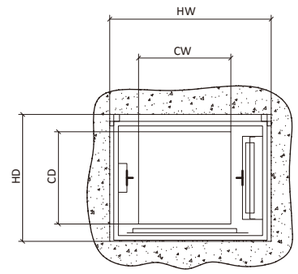
Shaft Vertical Section
K-K



Shaft Plane Layout
Post Counterweight



Shaft Plane Layout
Side Counterweight



| Parameter Table

Type	Style	Rated Speed (m/s)	TR (m)	OH (mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)	
								Side Counterweight	Post Counterweight
TZJG100	Worktable	0.4	TR≤12	3000	700	U&D-Hand Operated Door 700×800	700×700×800	1300×1000	1150×1150
TZJG200	Worktable	0.4	TR≤12	3200	700	U&D-Hand Operated Door 800×900	800×800×900	1400×1100	1250×1250
TZJD200	Under Ground	0.4	TR≤12	3400	800	U&D-Hand Operated Door 800×1000	900×900×1000	1500×1200	1350×1350
TZJD300	Under Ground	0.4	TR≤12	3600	1000	U&D-Hand Operated Door 800×1200	1000×1000×1200	1600×1400	1450×1450

HOME ELEVATOR (STANDARD DESIGN)

MODEL: **KYC311**

Ceiling: Mirror stainless steel, LED

Car Walls: Hairline stainless steel

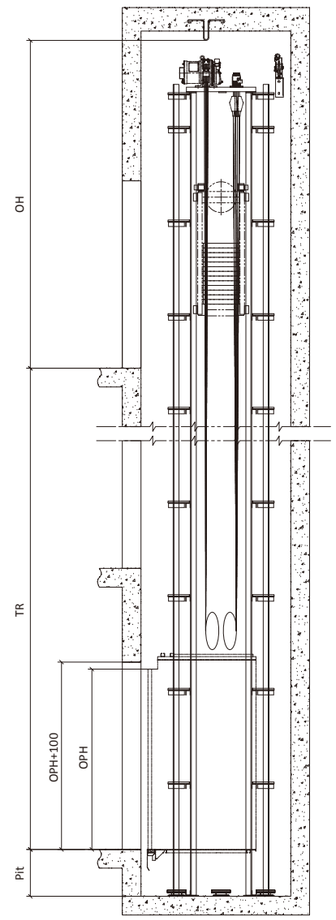
Handrail: Hairline stainless steel

Floor: PVC

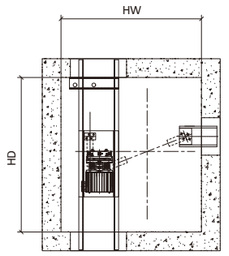
Drawing

Shaft Vertical Section

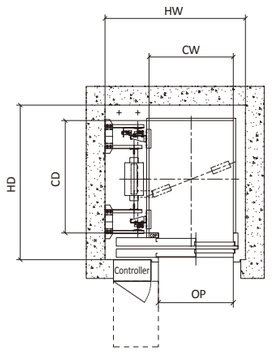
K-K



Top Plane Layout



Shaft Plane Layout



Parameter Table

Type	Persons	Rated Speed (m/s)	TR(m)	OH(mm)	Pit (mm)	Opening Size OP×OPH (mm)	Car Size CW×CD×CH (mm)	Shaft Size HW×HD (mm)
TYJX250	3	0.3	TR≤12	3500	500	SO 700×2000	800×1200×2100	1400×1650
		0.4		3500	500			
TYJX320	4	0.3	TR≤12	3500	500	SO 800×2000	900×1200×2100	1500×1650
		0.4		3500	500			
TYJX400	5	0.3	TR≤12	3500	500	SO 800×2000	900×1300×2100	1500×1750
		0.4		3500	500			

CABIN DECORATION

MODEL: KYC312

Ceiling: Painted steel panel, Acrylic, LED

Car Walls: Mirror, Hailine stainless steel

Handrail: Hairline stainless steel

Floor: PVC

MODEL: KYC313

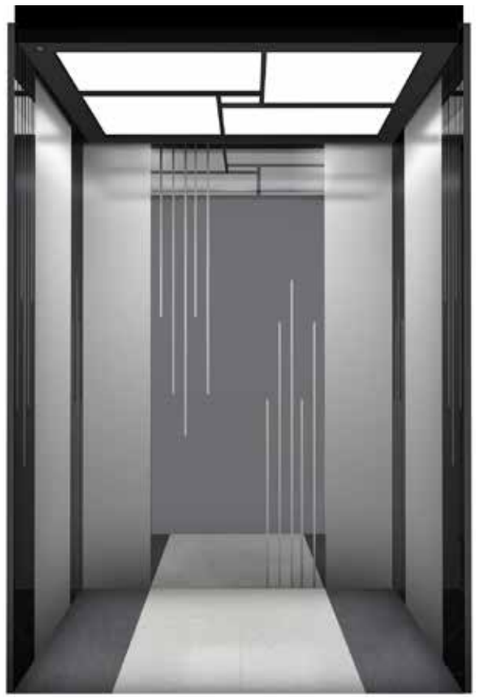
Ceiling: Painted steel panel; Acrylic, LED

Car Walls: Hairline stainless steel

Handrail: Hairline stainless steel, Decoration Light

Floor: PVC

CABIN DECORATION



MODEL: **KYC202**

Ceiling: Painted steel, Acrylic, LED
Car Walls: Mirror, Etched, Stainless steel, Black Titanium
Floor: PVC

MODEL: **KYC201**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Mirror, Hairline stainless steel
Handrail: Hairline stainless steel
Floor: PVC

MODEL: **KYC305**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Hairline stainless steel, Mirror, etched, Titanium
Handrail: Hairline stainless steel
Floor: PVC

MODEL: **KYC306**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Mirror, Etched, Titanium, Stainless steel
Handrail: Wooden-Ti Mixed
Floor: PVC

CABIN DECORATION

MODEL: **KYC307**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Mirror, Etched, Stainless steel, Black Titanium
Handrail: Hairline Stainless Steel
Floor: PVC

MODEL: **KYC308**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Mirror, Etched, Stainless steel, Black Titanium
Handrail: Hairline Stainless Steel
Floor: PVC

MODEL: **KYC309**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Hairline Stainless steel, Mirror, Titanium, Embossment
Handrail: Organo-Stainless steel
Floor: PVC

MODEL: **KYC310**

Ceiling: Mirror steel panel, Acrylic, LED
Car Walls: Embossment, Mirror, Black-Titanium, Colour
Handrail: Hairline Stainless Steel
Floor: PVC

CABIN DECORATION

MODEL: **KY1211**

Up and Down Cover: Hairline stainless steel, Art Glass
Ceiling: Hairline stainless steel, Acrylic
Cabin Wall: Hairline stainless steel
Sightseeing Surface: Laminated safety glass
Handrail: Stainless steel
Floor: Marble
Front Wall: Mirror finished stainless steel
Cabin Door: Hairline stainless steel

MODEL: **KY1417**

Car Cover: Hairline stainless steel
Ceiling: Mirror stainless steel Spot lights
Observation Wall: Laminated safety glass
Cabin wall: Mirror stainless steel
Handrail: Stainless steel
Sill: Mirror stainless steel
Floor: Marble
Front Wall: Laminated safety glass
Car Door: Glass and mirror stainless steel with frame

MODEL: **KY1401**

Shell: Titanium hairline SS, ACRYL
Ceiling: Wooden frame, gold leaf attached at the top area, downlight, lamp belt
Panoramic: laminated safety glass
Wall: Titanium mirror SS, Veneer facing, Marble lamp
Handrail: Titanium SS tube
Car Sill: Titanium mirror SS
Floor: Marble parquet
Front Wall: Titanium mirror SS
Car Door: Titanium mirror SS

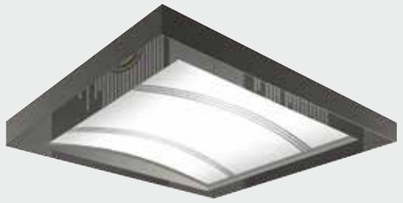
MODEL: **KY1402**

Shell: Steel plate with baking finish, ACRYL
Ceiling: Mirror SS, Downlight, Lamp belt
Panoramic: laminated safety glass
Wall: Mirror SS etching
Handrail: Titanium SS tube
Car Sill: Mirror SS
Floor: Marble
Front Wall: Hairline SS
Car Door: Hairline SS, Glass door with frame

CEILING

KYT001

Material: Mirror stainless steel, Acrylic, LED

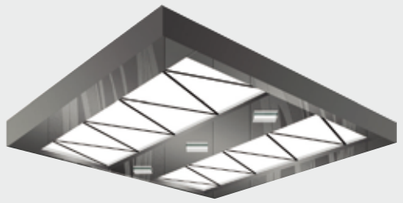


KYT1403

Material: Mirror stainless steel, Acrylic, LED

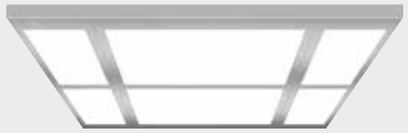
KYT002

Material: Painted steel, Acrylic, LED



KYT1407

Material: Mirror stainless steel, Acrylic, LED



KYT003

Material: Hairline stainless steel, Acrylic, LED

KYT1408

Material: Titanium Stainless steel, Acrylic, LED

KYT1401

Material: Painted steel, LED

KYT1410

Material: Mirror stainless steel, Acrylic, LED

DOOR

KYD054

Mirror,
Etched Stainless steel

KYD055

Mirror,
Etched Stainless steel

KYD301

Mirror, Etched,
Hairline stainless steel

KYD303

Mirror,
Etched Stainless steel

KYD302

Mirror, Etched,
Titanium stainless steel

KYD304

Mirror, Etched,
Titanium stainless steel

KYD305

Mirror, Embossed,
Titanium stainless steel

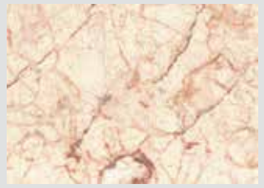
KYD306

Mirror, Etched,
Black Titanium

DECORATION SERIES

• FLOOR

KYS002



KY-S07

KY-S09

KY-727

KY-728

KY-S17

• HANDRAIL

KY-302TJ

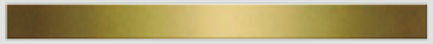
KY-301F

KY-302J

KY-301TF

KY-315F

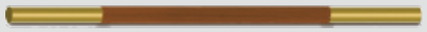
KY-303J



KY-315TF

KY-303TJ

KY-308



KY-309TM

• DECORATION COLORS

RAL 1027 | RAL 1020 | RAL 5024 | RAL 5009 | RAL 9001

* Note: If need others, please choose from RAL Colors

CAR OPERATION PANEL

• COP

KYCOP108

KYCOP104

KYCOP102

KYCOP191

KYCOP10

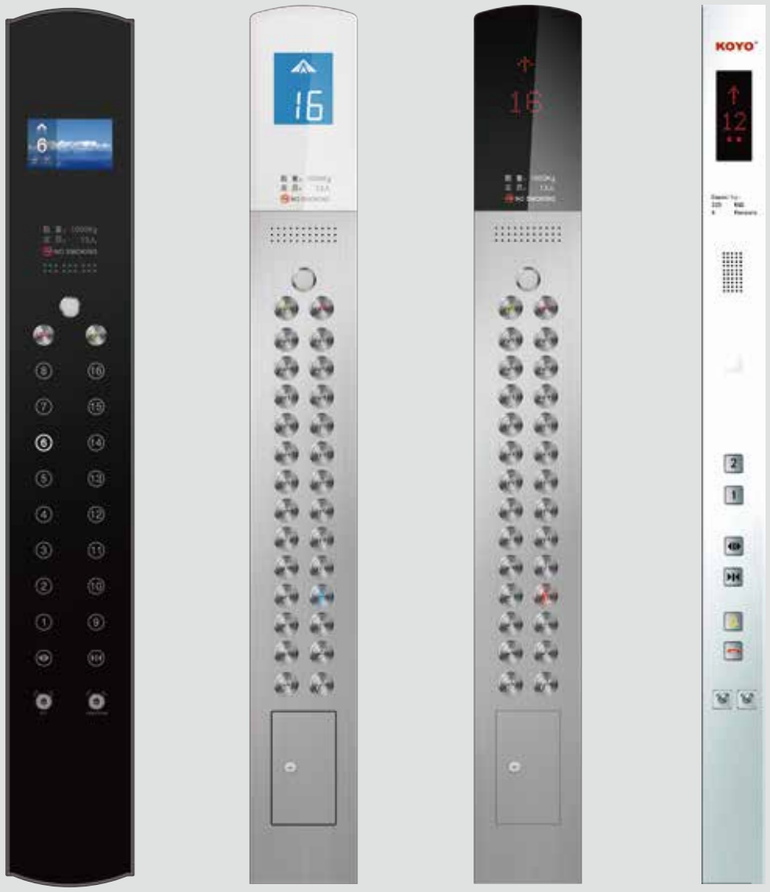
KYCOP20

KYCOP30

KYCOP90

CAR OPERATION PANEL

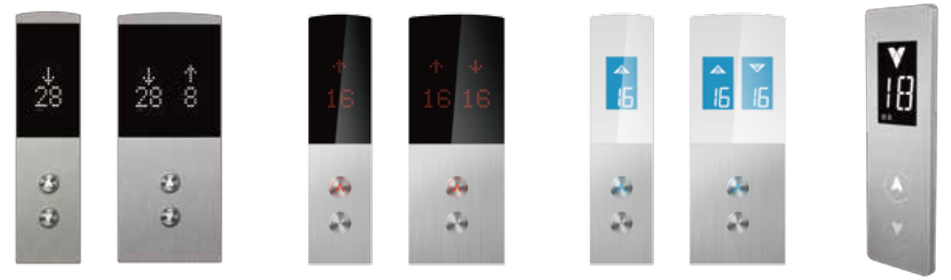
• COP



KYCOP103 KYCOP109 KYCOP106 KYCOP40

KYCOP121

• LOP



KYIND108 KYIND108D KYIND106 KYIND106D KYIND109 KYIND109D KYIND122

KYINDG01 KYINDG02 KYIND21 KYIND51 KYIND20 KYIND50 KYIND103 KYIND191

KYIND198

• FIREMAN SWITCH

KYX101 KYSF122 KYX122

• HALL LANTERN

KYZ105

FUNCTION DESCRIPTION

STANDARD FUNCTION		
No.	**Function Name**	**Function Description**
01	Fully Selective Control	When in automatic or attendant control, the elevator stops in response to the in-car registrations while automatically follows landing calls up and down, i.e., a passenger can register his or her call at any landing.
02	Inspection Travel	It is a function for field mechanics or engineers to carry out maintenance, inspection or testing tasks. When operational conditions are satisfied, an authorized person can inch the car by pressing and releasing the red button, he can move the car at inspection speed by continuously pushing down the button and stop it by releasing the button.
03	Testing Travel	It is a function designed for measuring the performance of a new elevator. By setting a given parameter in testing travel on the Master Control board, a field engineer will put the elevator into automatic operation. Both the total number of trips and the interval time between trips of the testing travel can be determined by parameter setting.
04	Automatic Control for Door-opening Time	When the elevator travels in automatic state without attendant, the door closes automatically by a delay after the car arrives at a landing with the door open.
05	Cancel a Wrong Registration	If a passenger realizes that he or she has pushed down a wrong button in the car panel, he or she can cancel the wrong registration by pushing the same button twice incessantly. The registered signal will be canceled. This function can be activated by the parameter setting.
06	Clear Registrations at Changing Direction	When the elevator car arrives at the last landing and is about to reverse the direction, all the registrations behind its present travel will be cancelled at once.
07	Direct landing	The control system decelerates the elevator according to distance principle. No creeping when leveling.
08	Full load by pass	When a full-loaded elevator car travels in automatic mode without attendant, the elevator will NOT answer any calls from its passing landings, stopping at the landings by in-car registrations only.
09	Auto Homing	When the elevator travels in automatic mode without attendant service while setting Auto Homing in effect, the elevators which receives neither in-car nor landing calls will automatically return to the main landing within a given period of time determined by parameter setting.
10	Fault history Log	The Fault history Log keeps the latest 20 fault records concerning the occurrence time, floors and fault codes.
11	Hoist way landing data self-study	the hoist way self-study system should be activated before the elevator goes into service. The system will study various kinds of data within the hoist way and save those running data permanently.
12	Service Landing arbitrarily Setting	Using the handheld operator to set at will which floors the elevator serves and which floors the elevator does NOT serve.
13	Attendant Service	Using the switch in the car operation panel, one can put the elevator into attendant service, under which the automatic door closing is absent and the door can only be closed when attendant keep pressing the door-closing button. Meanwhile the function can also allow attendant to choose direction and by-passing.
14	Independent Travel	Independent Travel is an exclusive travel, during which the elevator overlooks all landing calls and the automatic door-closing is absent. Other features are similar to Attendant Service.
15	Emergency elevator returning against fire	When encountering fire, passenger set the fire returning switch in position. Elevator immediately cancels all the instruction and call and travel to firefighting station for door-opening and stand-by.
16	Automatic Correction in Landing Position Signals	The traveling elevator system compare its own position signals at each terminal switch and the leveling switch of each landing against those obtained by self-study and making automatic data corrections accordingly.
17	Elevator Lock-in	Setting the lock-in switches of elevator in automatic mode or with attendant, and clear up all the registration call. The elevator only respond to the in-car instruction until no new instructions registered. Then the elevator returns to the base station, turns off in-car lighting and fan after opening the door automatically, lighten the door-opening button indicator, and automatically close the door when 10 seconds time delay expired. Finally, the elevator stops running, and will be back to operation when the lock-in switch reset.
18	Over-load Protection	With the over-load switch functioning, the door remains open with alarm buzzing on
19	Operation Time Limiter	If the elevator in operation has traveled incessantly for a longer time than the value preset by the time limiter (max.45s) without leveling, all elevator operation will be stopped.
20	Deceleration switch failure protection	When encountering the deceleration switch failure, elevator land in emergency to avoid possible top or bottom floor collision.
21	Protection against terminal overtravels	Both the uppermost and the lowest ends of the hoistway are mounted with limit switches and speed retardation switch to prevent any elevator over-travels.
22	Contact Detectionprotection of Safety Relay and Contactor	The system checks up the contact reliability of the safety relays and contactors. If any inconformity between the contact movement and the working status of the coil is detected, all car movements will be stopped.

STANDARD FUNCTION		
No.	**Function Name**	**Function Description**
23	Main Circuit Fault protection	Emergency stop occurs once system receives the signals indicating failure of main circuit. This function is also able to prevent running of a elevator at fault.
24	Overspeed Protection	This protection function is provided to avoid safety problems due to elevator running speed higher than control limit.
25	Fully Selective Control	The system check the reliability of band-type brake through its switch. Protection will be launched once the band-type brake is found not reliable.
26	Door Switch Fault Protection	The protection shall be activated to stop elevator once system detect abnormal condition of door lock.
27	Door Lock disconnection Protection	Elevator will stop once lock disconnection is found in operation.
28	Parallel connection running	the coordination of landing calls between two elevators is realized through CAN serial communication bus-based data transfer between the two elevators. The running efficiency of the elevators is improved.
29	Base station door-opening standby function	Use parameter setting to choose the elevator door-opening and standby when it is in base station.
30	Floor blocking within time slot fun	Conduct the specific blocking service to designated floor at specific time. The specific block service means that user can choose to block outside call registration independently, blocking instruction registration independently, blocking instruction and outside instruction registration. Meanwhile, user can also choose not to block.

OPTIONAL FUNCTION		
No.	**Function Name**	**Function Description**
01	Door pre-opening	The option enable leveling elevator to open door immediately upon arrival at the pre door-opening zone. In this way the elevator operation is more efficient.
02	Door-opening and releveling	Due to the stretch of wire ropes in case of high-rise buildings, the parking car may move up and down while passengers leave and board the car, which may lead to mal-levelling. Once this situation is detected by the system, the control will make the car relevel at a slow speed with the door open.
03	Fireman Service	The fireman switch is set on in case of fire, the elevator will immediately clear out all instruction & call and return to firefighting base station. Then system switches to fireman service mode.
04	operating panel for the disable	The system check the reliability of band-type brake through its switch. Protection will be launched once the band-type brake is found not reliable.
05	Group control operation	Use group control controller to coordinate landing calls of elevators in the bank. In this way the running efficiency of elevator can be improved. And function such as peak service and distribution waiting state are provided. The group control system can control up to 8 units
06	Parallel Connection Running	Control system link to the PCs in monitoring room through CAN communication line. Working staff can monitor the elevator position, running direction and fault condition and etc.
07	Earthquake response function	Activate the earthquake function. if earthquake occur, the earthquake inspection device activated. A contact signal from the device will be transferred to the control system. The control system will instruct the running elevator to park at nearest floor and open the doors for passenger evacuation as well as stop the elevator then.
08	Arrival lamp at landing	Activate the function. The up/down arrival lamp installed at the hall of each floor will inform passengers the upcoming arrival of the elevator.
09	Arrival gong at landing	Activate the function. The up/down arrival gong at hall of each floor will inform passengers the upcoming arrival of the elevator.
10	VIP priority service	A special service for the VIP passengers, the function enables the VIP passenger to arrival the destination floor at fastest speed.
11	Emergency leveling when blackout	The building blackout causes the running elevator fail to reach the door zone and entrapment occurs as the consequence. Under the above circumstance does the blackout emergency leveling device activated. The elevator will be pushed at the low speed to the nearest door zone for passenger evacuation.
12	Broadcasting function for upcoming floor	When install the floor broadcasting function to the system, the floor broadcaster will report the upcoming floor during the leveling process and report the subsequent running direction of the elevator at each time of door-closing.
13	Door-opening holding buttons	Use the door holding button to enable the door-closing delay.
14	IC card floor service control in car	Once this function is installed, a card reader is installed in the operating panel. Passenger must use the card to register the instruction for authorized floors.
15	IC card elevator call service control at hall	Once this function is installed, a card reader is installed at the call panel of each floor. Passenger must use the card to register the call signal for the corresponding floor.