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KOYO2022120000

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Edition of 2022

版腾传媒 张士信置 18868047066

ELEVATOR

MILANO 2015

CONTENT

P03 Company Profile
P05 Innovative technology
P07 Energy saving & Eco-friendly
P09 Safety and comfort
P11 Small machine room passenger elevator
P12 Machine-room-less passenger elevator
P13 Car decoration
P37 Panorama elevator
P39 Car decoration
P41 Hospital elevator
P43 Freight elevator
P45 Car operation panel
P59 Landing door series
P61 Ceiling series
P65 Handrail series
P67 Floor series
P69 Electrical control unit specification
P71 Spec sheet

Company Profile

Founded in 2002, KOYO has been a modern elevator and escalator manufacturer based in Kunshan, China with invested capital of 130 million US Dollars, and an occupied area of 230,000 square meters. It is a comprehensive elevator manufacturer that integrates research & development, design, manufacture, sales, installation, maintenance, and retro-fitting into one combined solution. Up until today, the company is capable of producing high-speed elevators with a maximum speed of 8m/s. The built units are equipped with the Elevator Group Supervisory Control System which is capable of managing eight units at the same time operating in buildings up to 64 stories. In addition to KOYO's product line, the maximum lifting height of escalators can reach 25 meters, and the maximum length for passenger conveyor products can reach 200 meters. By collaborating with Suzhou University and Shanghai Jiaotong University, KOYO has developed a series of mainboards and control systems of its own. Since 2002, our products are popular in 122 countries such as Germany, France, Italy, USA, Britain etc.

KOYO Elevator was ranked as the National High-tech Entrepreneur due to its heavy investment in R&D and innovative technology. With automated metal-working production equipment and escalator assembly-line assembly equipment plus a mindset of constantly striving for perfection, KOYO has been able to ensure its product quality and performance since day one. All production conforms to the standards of CCC, GB, VDI, EN81, EN115, CE, TUV, IEC, etc. KOYO has also obtained ISO9001:2015 Quality Supervision System Authentication Certificate, ISO14001:2015 Environmental Management System Certificate and ISO45001:2018 Occupational Safety Hygiene Management System Certificate issued by the authoritative international certification institutes.

Capital invested : **130** million USD

Occupied area : **230,000** square meters

8 m/s maximum speed

64 floors, **8** units group supervisory control system

Maximum **25** m height escalator

Maximum **200** m length passenger conveyor

Popular in **122** countries

Innovative technology
Drive an intellectual life

Advanced control system

Applies to double 32-digit embedded micro-processor to jointly finish the elevator operation functions and motor drive control.

Destination floor group-supervision system

Executes optimized distribution to multiple elevators as per different destination floors. Reducing the parking times and providing passengers with the more prompt and convenient services.

Long-distance Cyber-Physical monitor system

Matches with long-distance monitor Cyber-Physical system. Not only fulfills all-round coverage of monitor and supervision, but also largely enhances the efficiency and quality of after-sale service. And increasing the elevators' safety grade.

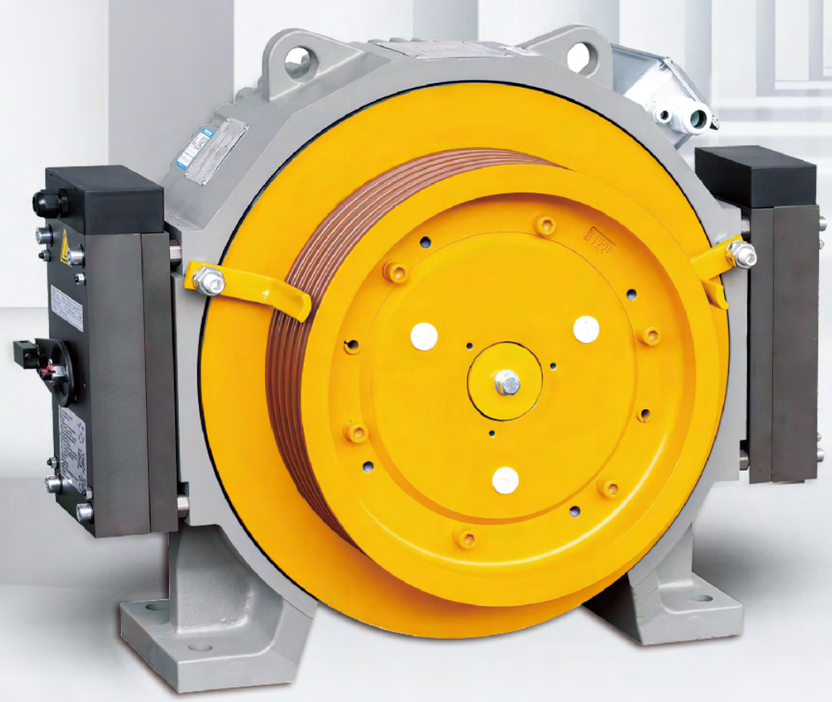
Intellectual identity recognition system

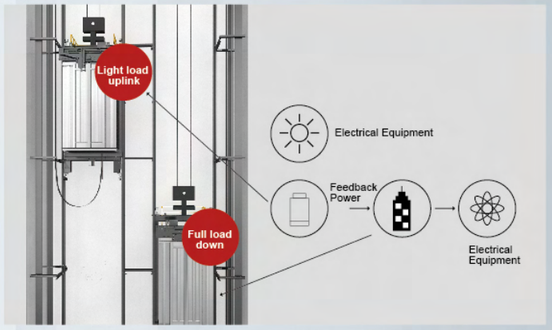
Controls the elevator use through IC card, human-face recognition etc., greatly strengthens the safety of building management, ensuring users satisfaction and security at the best.

Energy saving
Enhance green developments

New generation of permanent magnet Synchronous and gear-less traction machine

KOYO Elevator uses permanent magnet synchronous and gearless traction machine. It features as effective energy-saving, compact structure, advantageous properties. And it saves over 40% of energy.





Energy re-generation technology

Converts potential energy during elevator overload or weight loss to high purity electric energy for the supply of other power equipment to prolong service life of elevators and reduce energy consumption by more than 20%.

Group-supervision technology

The system supports a group of 8 elevators, coordinates the dispatch as per group supervision system with universal management. thus enhances the travel efficiency and reduces the energy consumption.

Safety and comfort
Enjoy the cozy moments

VVVF variable frequency and variable voltage door machine control system

The system applies AC permanent magnet and VVVF variable frequency door machine control system with free adjustment of opening / closing curve, safe and cozy operation, low noise, stable and reliable properties.

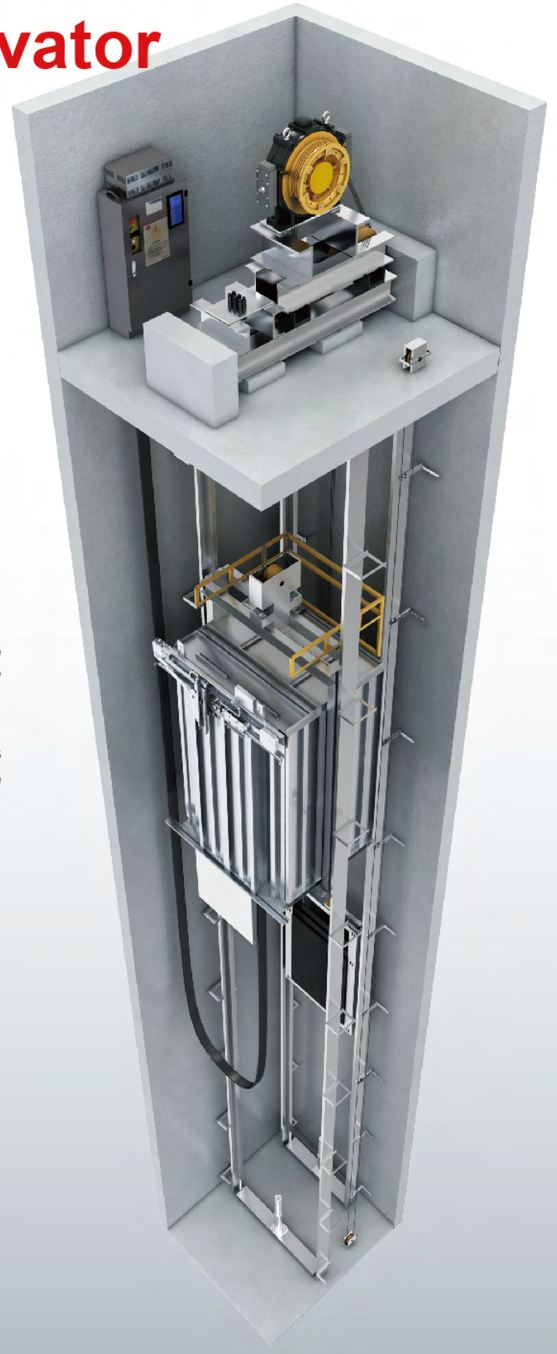
Infrared ray light-curtain protection system

The system forms an intensive light-curtain protection net in entry / exit of elevators. It can freely monitor any person / object that enters into / exits from the elevator to effectively protect the human safety.

Accurate position control system

Such system utilizes the advanced sensor to fulfill real-time feedback and disposal of signals. It fulfills no-error leveling effect with sole and reliable car memory technology. It ensures opening in advance and leveling safety after parking.

Small machine room Passenger elevator

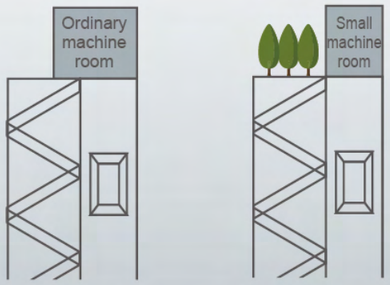


50%

Saving space and building cost

Compared with ordinary machine room, it saves half of the space. It is convenient for construction layout. effectively enhances the utilization rate of the building area.

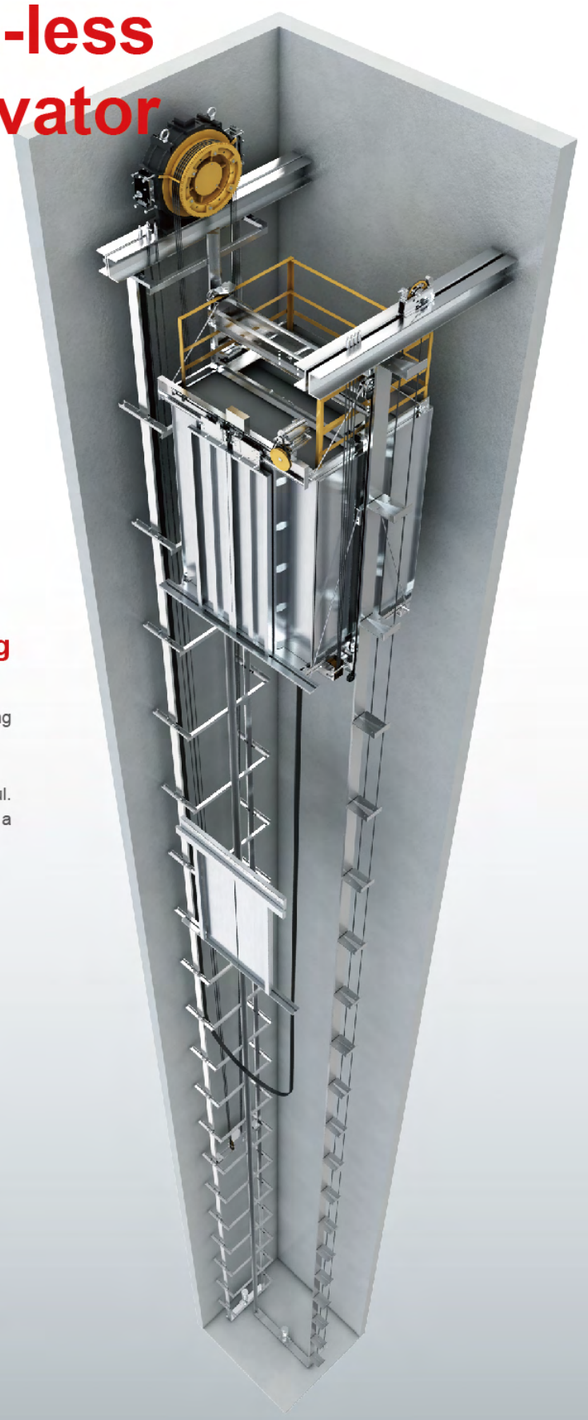
The minimum requirement for machine room height is 2800mm, not only reduces over 20% of ordinary machine room height but saves the building cost.



Machine room of ordinary elevator

Machine room of small elevator

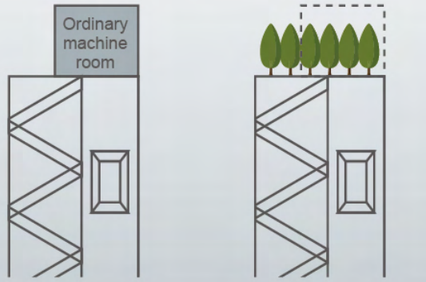
Machine-room-less Passenger elevator



Optimized design, space-creating

Installing machine room parts in the well. It saves the building space and reduces the construction cost.

Car sound-isolating technology appears cozy and peaceful. Double-layer of car effectively reduces machine noise. brings a more cozy and peaceful travel environment.



Machine room of ordinary elevator

Machine room of machine roomless elevator

Model: KYC-H201

Standard

Back wall:
Hairline stainless steel

Side wall:
Hairline stainless steel

Front wall and header:
Hairline stainless steel

Skirting:
Hairline stainless steel

Car door:
Hairline stainless steel

Ceiling:
KYT-D101, Hairline stainless steel

Floor:
KYS-S029, PVC floor

Note: Hairline stainless steel refers to short-hair hairline stainless steel

Model: KYC-H216

Back wall:
Black glazed glass(LG-008),
Hairline stainless steel frame

Side wall:
Wooden steel(CP-005 horizontal stripe)

Ceiling:
KYT-D125, Mirror stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F101, Hairline stainless steel

Model: KYC-H217

Back wall:
Embossed stainless steel,
Mirror stainless steel insert

Side wall:
Rose gold hairline stainless steel

Ceiling:
KYT-D125, Mirror stainless steel

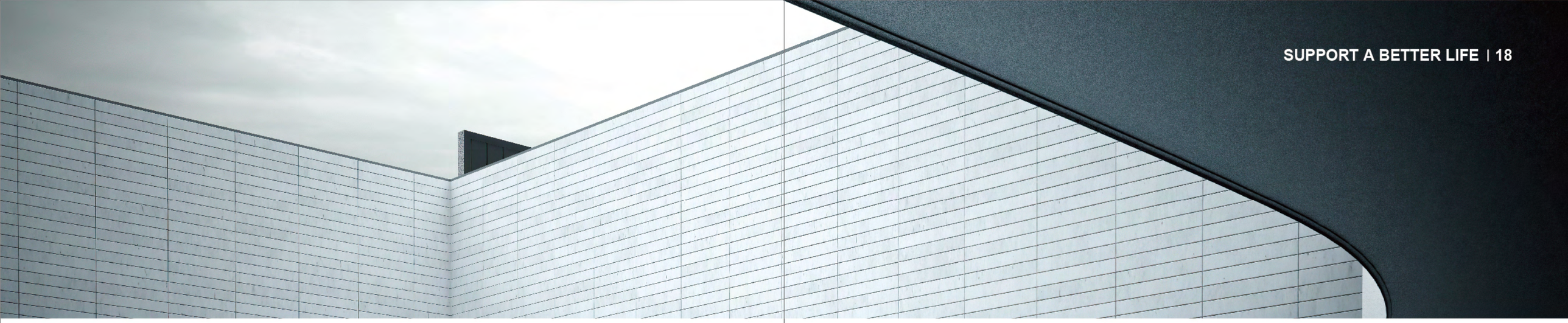
Front wall and header:
Rose gold hairline stainless steel

Car door:
Rose gold hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F106, Hairline stainless steel



Model: KYC-H218

Back wall:
Mirror stainless steel

Side wall:
Hairline stainless steel

Ceiling:
KYT-D124, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F107, Hairline stainless steel

Model: KYC-H219

Back wall:
Painting(Light grey PS-008),
Ceremonial mirror(400×1400)mm

Side wall:
Painting(Light grey PS-008)

Ceiling:
KYT-D124, Hairline stainless steel

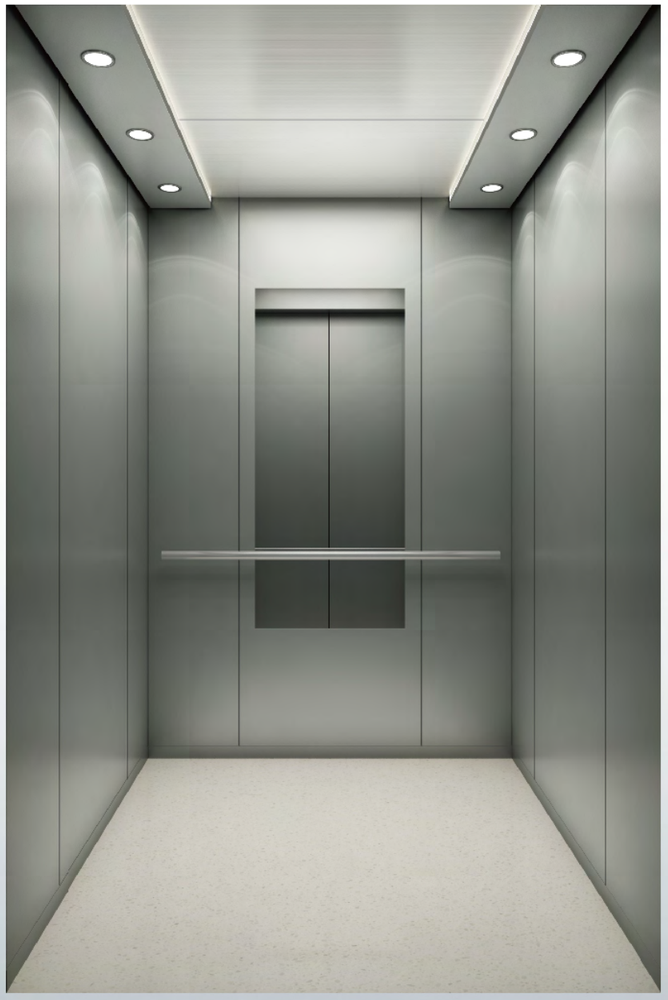
Front wall and header:
Painted steel plate(PS-008)

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F101, Hairline stainless steel



Model: KYC-H220

Back wall:
Hairline stainless steel

Side wall:
Titanium gold stainless steel sandblasting

Ceiling:
KYT-D126, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F104, Hairline stainless steel

Model: KYC-H221

Back wall:
Titanium gold stainless steel sandblasting

Side wall:
Hairline stainless steel

Ceiling:
KYT-D127, Hairline stainless steel

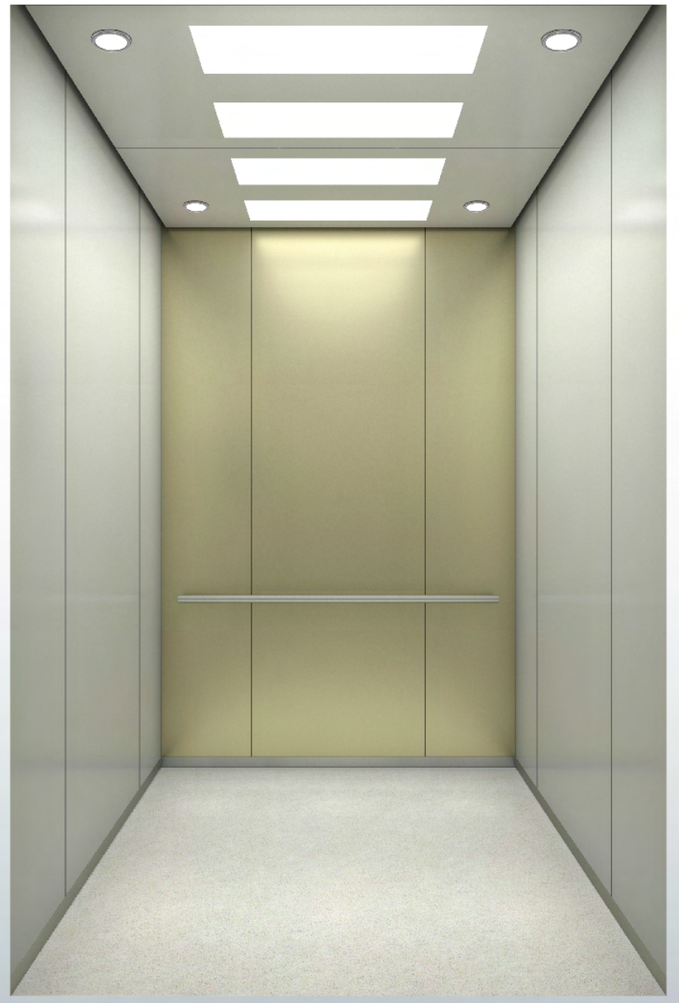
Front wall and header:
Titanium gold hairline stainless steel

Car door:
Titanium gold hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F101, Hairline stainless steel



Model: KYC-H222

Back wall:
Embossed stainless steel,
Mirror stainless steel insert

Side wall:
Titanium gold hairline stainless steel

Ceiling:
KYT-D124, Hairline stainless steel

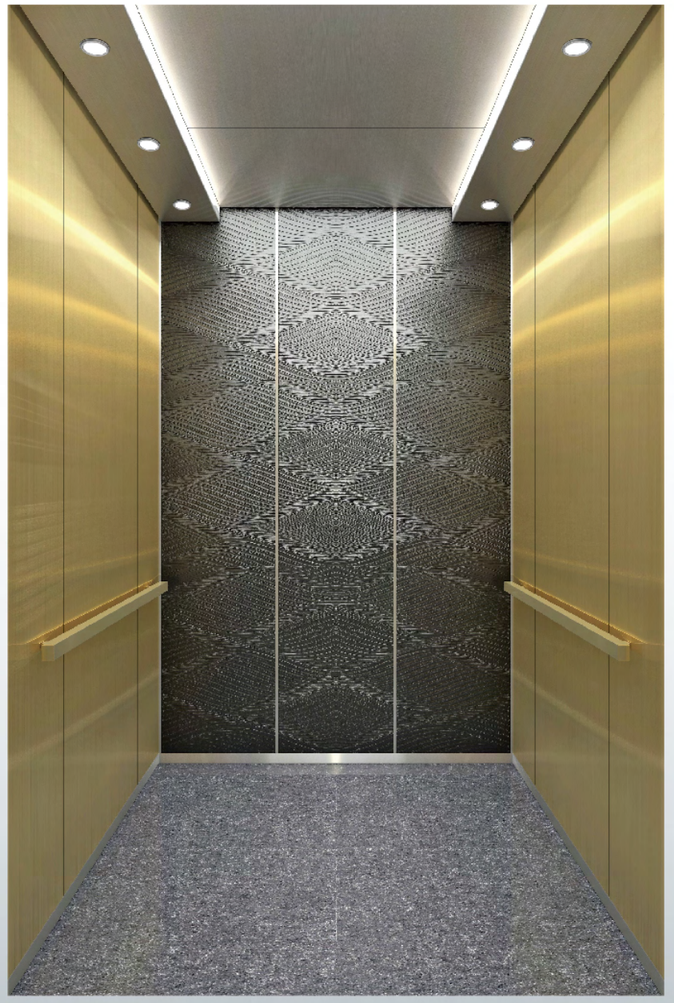
Front wall and header:
Titanium gold hairline stainless steel

Car door:
Titanium gold hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S28, PVC floor

Handrail:
KYH-F106,
Titanium gold hairline stainless steel



Model: KYC-H223

Back wall:
Mirror etching stainless steel

Side wall:
Wooden steel(CP-002)

Ceiling:
KYT-D124, Hairline stainless steel

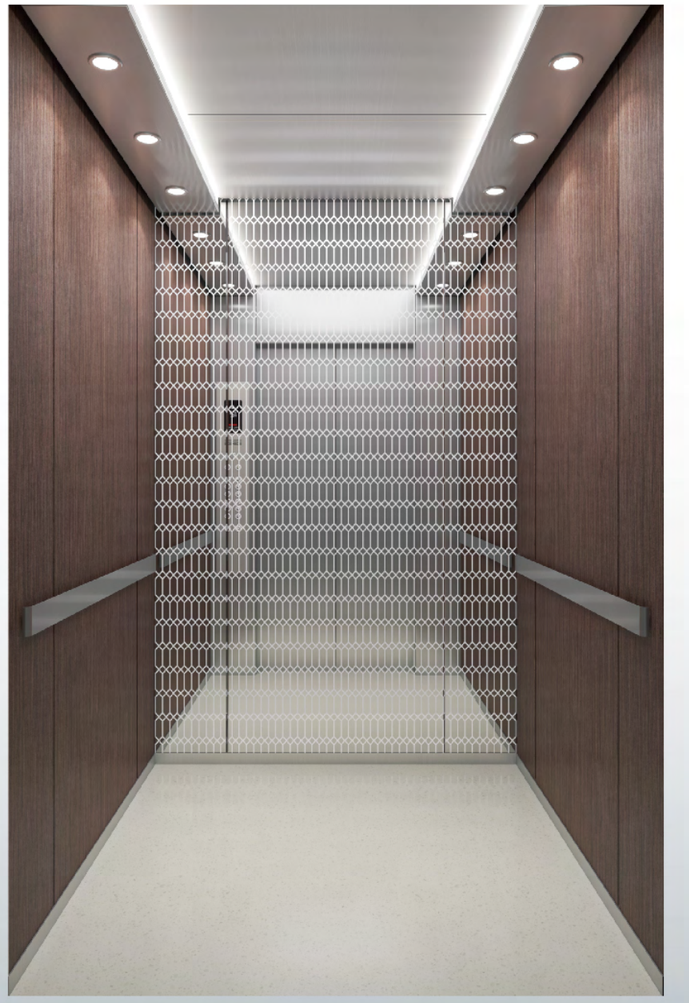
Front wall and header:
Hairline stainless steel

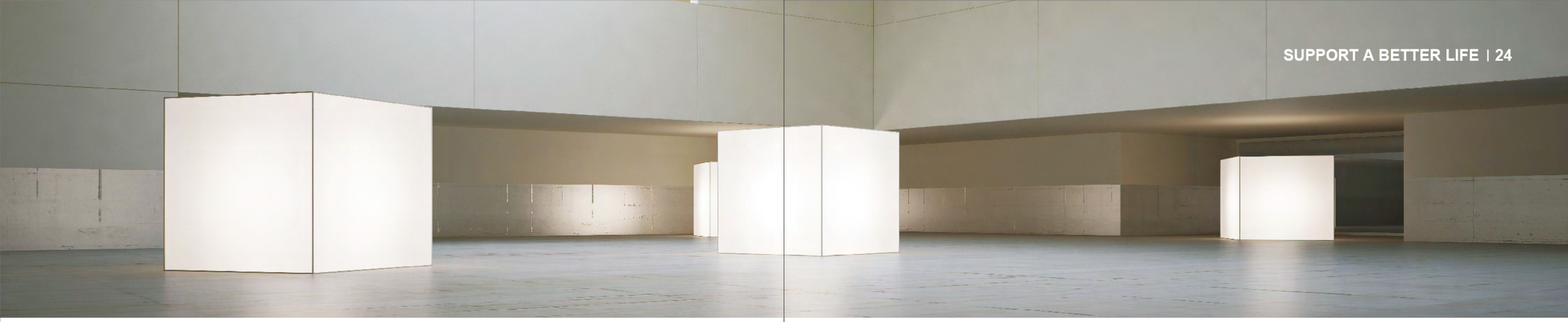
Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F104, Hairline stainless steel





Model: KYC-H224

Back wall:
Hairline stainless steel, Half height glass mirror

Side wall:
Glazed glass(Mint LG-003)

Ceiling:
KYT-D124, Hairline stainless steel

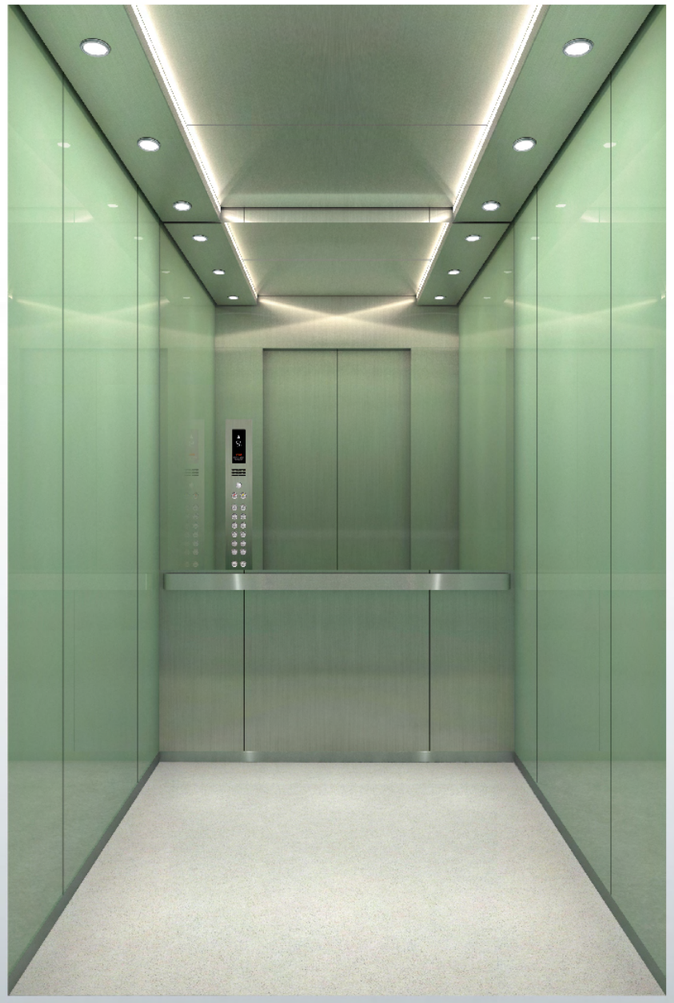
Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F104, Hairline stainless steel



Model: KYC-H225

Back wall:
Hairline stainless steel, Half height glass mirror

Side wall:
Glazed glass(Cappuccino LG-005)

Ceiling:
KYT-D125, Hairline stainless steel

Front wall and header:
Hairline stainless steel

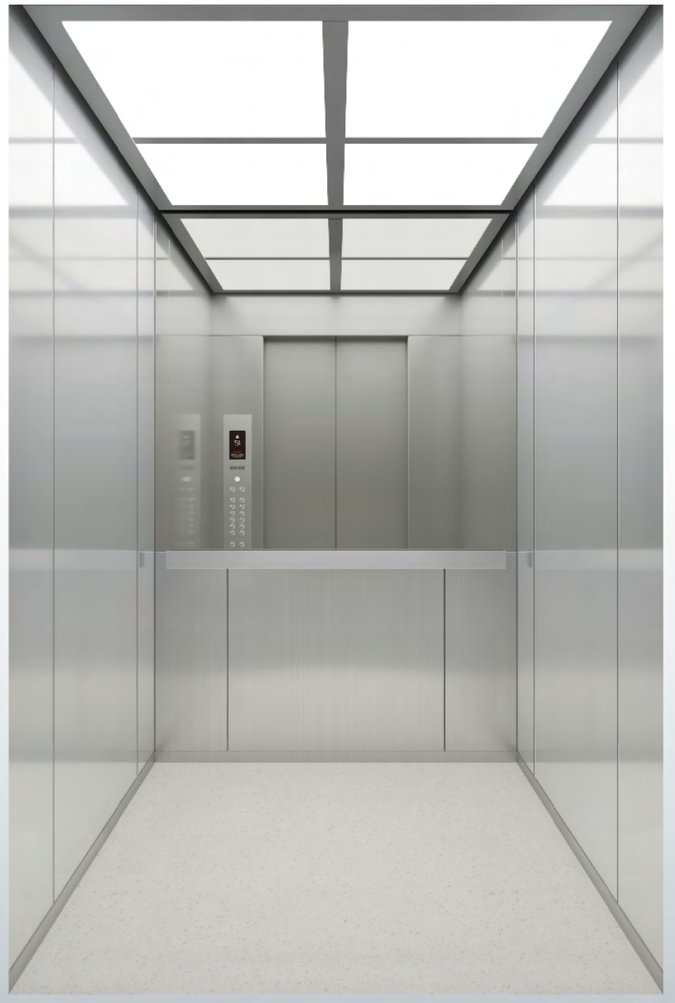
Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F104, Hairline stainless steel

Model: KYC-H226



Back wall:
Hairline stainless steel, Half height glass mirror

Side wall:
Glazed glass(Pearl LG-006)

Ceiling:
KYT-D102, Hairline stainless steel

Front wall and header:
Hairline stainless steel

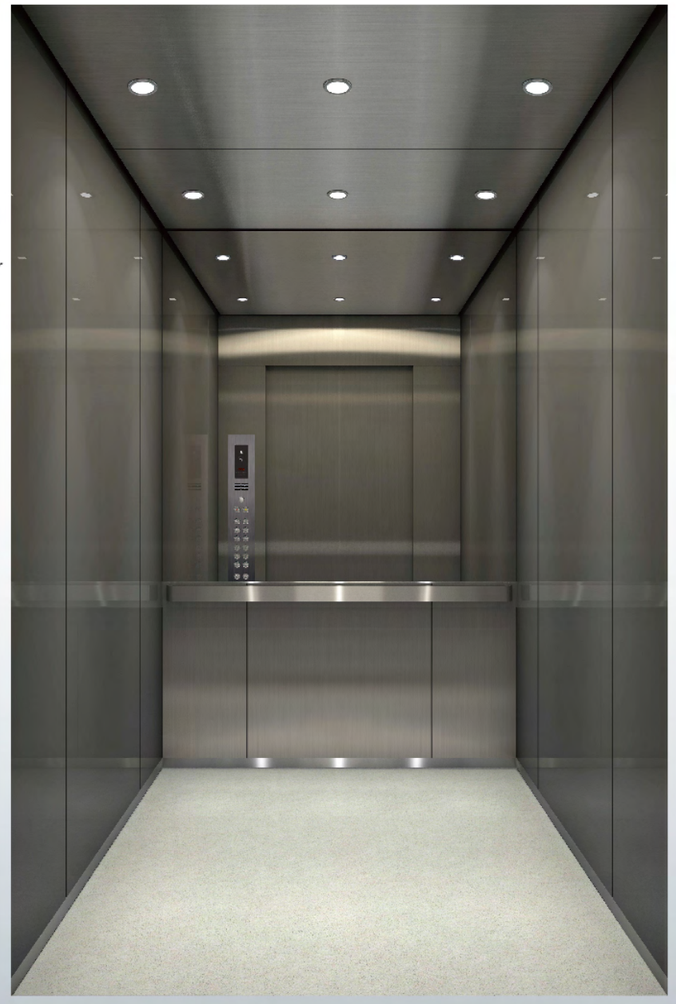
Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F104, Hairline stainless steel

Model: KYC-H227



Back wall:
Hairline stainless steel, Half height glass mirror

Side wall:
Glazed glass(Husky LG-004)

Ceiling:
KYT-D125, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Handrail:
KYH-F104, Hairline stainless steel

Model: KYC-H228

Back wall:
Hairline stainless steel, Mirror etching stripe(KYDM-016-02)

Side wall:
Hairline stainless steel, Mirror etching stripe(KYDM-016-02)

Ceiling:
KYT-D124, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H229

Back wall:
Hairline stainless steel, Mirror etching stripe(KYDM-015-02)

Side wall:
Hairline stainless steel, Mirror etching stripe(KYDM-015-02)

Ceiling:
KYT-D124, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H230

Back wall:
Embossed stainless steel(KYDM-027), Hairline stainless steel

Side wall:
Embossed stainless steel(KYDM-027), Hairline stainless steel

Ceiling:
KYT-D125, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H231

Back wall:
Mirror etching stainless steel(KYDM-058), Hairline stainless steel

Side wall:
Mirror etching stainless steel(KYDM-058), Hairline stainless steel

Ceiling:
KYT-D125, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H232

Back wall:
Hairline stainless steel, Mirror stainless steel

Side wall:
Hairline stainless steel, Mirror stainless steel

Ceiling:
KYT-D124, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H233

Back wall:
Black titanium hairline stainless steel, Black titanium mirror stainless steel

Side wall:
Black titanium hairline stainless steel, Black titanium mirror stainless steel

Ceiling:
KYT-D124, Black titanium hairline stainless steel

Front wall and header:
Black titanium hairline stainless steel

Car door:
Black titanium hairline stainless steel

Skirting:
Black titanium hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H234

Back wall:
Titanium gold hairline stainless steel, Titanium gold mirror stainless steel

Side wall:
Titanium gold hairline stainless steel, Titanium gold mirror stainless steel

Ceiling:
KYT-D125, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
Titanium gold hairline stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H235

Back wall:
Rose gold hairline stainless steel, Rose gold mirror stainless steel

Side wall:
Rose gold hairline stainless steel, Rose gold mirror stainless steel

Ceiling:
KYT-D125, Rose gold mirror stainless steel

Front wall and header:
Rose gold hairline stainless steel

Car door:
Rose gold hairline stainless steel

Skirting:
Rose gold hairline stainless steel

Floor:
KYS-S029, PVC floor

Model: KYC-H236

Back wall:
Mirror stainless steel

Side wall:
Wooden steel(CP-015)

Ceiling:
KYT-D124, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S028, PVC floor

Model: KYC-H237

Back wall:
Mirror stainless steel

Side wall:
Wooden steel(CP-002)

Ceiling:
KYT-D124, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S028, PVC floor

Model: KYC-H238

Back wall:
Mirror stainless steel

Side wall:
Wooden steel(CP-005)

Ceiling:
KYT-D125, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S028, PVC floor

Model: KYC-H239

Back wall:
Mirror stainless steel

Side wall:
Wooden steel(CP-006)

Ceiling:
KYT-D125, Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Skirting:
Hairline stainless steel

Floor:
KYS-S028, PVC floor

Model: KYC-H240

Back wall:
Titanium gold mirror etched stainless steel,
Titanium gold hairline stainless steel

Side wall:
Titanium gold mirror etched stainless steel,
Titanium gold hairline stainless steel

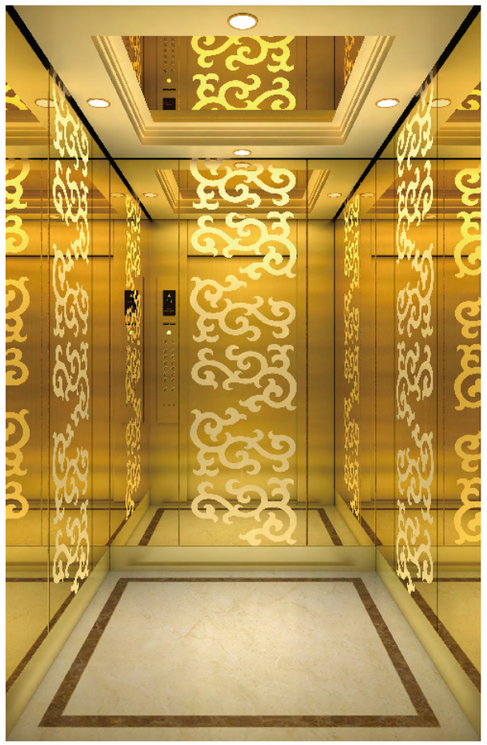
Ceiling:
KYT-D108, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
KYD-Z114, Titanium gold mirror etched stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S030, PVC floor



Model: KYC-H241

Back wall:
Titanium gold mirror stainless steel,
Titanium gold mirror etched stainless steel

Side wall:
Titanium gold mirror stainless steel,
Titanium gold mirror etched stainless steel

Ceiling:
KYT-D128, Titanium gold stainless steel

Front wall and header:
Titanium gold mirror stainless steel

Car door:
Titanium gold mirror stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S208, PVC floor

Model: KYC-H242

Back wall:
Titanium gold hairline etched stainless steel,
Rose gold mirror etched stainless steel

Side wall:
Titanium gold hairline etched stainless steel,
Rose gold mirror etched stainless steel

Ceiling:
KYT-D124, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
KYD-Z115, Rose gold mirror etched stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S031, PVC floor

Handrail:
KYH-F101, Titanium gold hairline stainless steel

Model: KYC-H243

Back wall:
Titanium gold mirror etched stainless steel,
Titanium gold hairline etched stainless steel

Side wall:
Titanium gold mirror etched stainless steel

Ceiling:
KYT-D127, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
KYD-Z116, Titanium gold mirror etched stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S032, PVC floor

Handrail:
KYH-F101, Titanium gold hairline stainless steel

Model: KYC-H244

Back wall:
Titanium gold hairline etched stainless steel,
Titanium gold mirror stainless steel

Side wall:
Titanium gold hairline etched stainless steel,
Titanium gold mirror stainless steel

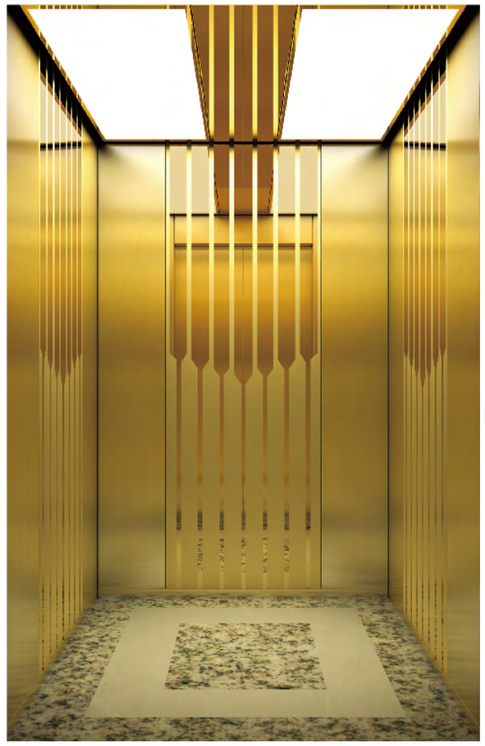
Ceiling:
KYT-D115, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
Titanium gold hairline stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S033, PVC floor



Model: KYC-H245

Back wall:
Titanium gold hairline stainless steel,
Titanium gold mirror etched stainless steel

Side wall:
Titanium gold hairline stainless steel,
Titanium gold mirror etched stainless steel

Ceiling:
KYT-D115, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
KYD-Z117, Titanium gold mirror etched stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S034, PVC floor

Model: KYC-H246

Back wall:
Titanium gold mirror stainless steel,
Titanium gold mirror etched stainless steel

Side wall:
Titanium gold mirror stainless steel,
Titanium gold mirror etched stainless steel

Ceiling:
KYT-D129, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
Titanium gold hairline stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S032, PVC floor

Handrail:
KYH-F104, Titanium gold hairline stainless steel

Model: KYC-H247

Back wall:
Titanium gold hairline stainless steel,
Titanium gold mirror etched stainless steel

Side wall:
Titanium gold hairline stainless steel,
Titanium gold mirror etched stainless steel

Ceiling:
KYT-D129, Titanium gold mirror stainless steel

Front wall and header:
Titanium gold hairline stainless steel

Car door:
Titanium gold hairline stainless steel

Skirting:
Titanium gold hairline stainless steel

Floor:
KYS-S035, PVC floor

Handrail:
KYH-F101, Titanium gold hairline stainless steel

Panorama elevator

Technology creates unique beauty. With glass car walls design,
One can enjoy the city charms while standing in the cabin.

Square observation elevator

Model: KYC-H501

Standard

Back wall:
Tempered glass,
Hairline stainless steel frame

Side wall:
Tempered glass,
Hairline stainless steel frame

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Ceiling:
KYT-D101, Hairline stainless steel

Handrail:
KYH-F101, Stainless steel round tube

Floor:
KYS-S202, PVC

Note: Hairline stainless steel refers to short-hair hairline stainless steel

Model: KYC520

Cover:
Hairline stainless steel, Etched pattern

Ceiling:
Hairline stainless steel, White ceiling lamp, LED downlight

Car wall:
Hairline stainless steel

Sightseeing area:
6 + 6 laminated glass 3 pieces

Handrail:
Hairline stainless steel

Floor:
PVC

Model: KYC521

Cover:
Hairline stainless steel, Decorative light strip

Ceiling:
Hairline stainless steel frame, Acrylic, LED lamp

Car wall:
Hairline stainless steel

Sightseeing area:
6 + 6 laminated glass

Handrail:
Hairline stainless steel

Floor:
PVC

Model: KYC522

Side wall:
Titanium gold mirror stainless stee, Wood finish

Back wall:
Round laminated tempered glass

Cover:
Titanium gold hairline stainless stee, Organic lamp post

Ceiling:
Wooden frame, Top gold-foil lamination, LED downlight,
All around return light strip

Handrail:
Titanium gold stainless steel round tube

Floor:
PVC

Model: KYC523

Cover:
Titanium gold mirror stainless steel, Acrylic

Ceiling:
Titanium gold mirror stainless steel, Top gold-foil lamination, Down lights

Car wall:
Titanium gold mirror stainless steel

Sightseeing area:
6 + 6 laminated glass

Handrail:
Titanium gold stainless steel

Floor:
PVC

Hospital elevator

There is strict requirement for bed elevator because of the special environment in the hospital. Focusing on human-oriented design, KOYO precisely controls elevator traveling speed and attentively makes comfortable space for passengers.

Model: KYC-H208

Standard

Back wall:
Hairline stainless steel

Side wall:
Hairline stainless steel

Front wall and header:
Hairline stainless steel

Car door:
Hairline stainless steel

Ceiling:
KYT-D104, Hairline stainless steel, Acrylic

Floor:
KYS-S029, PVC

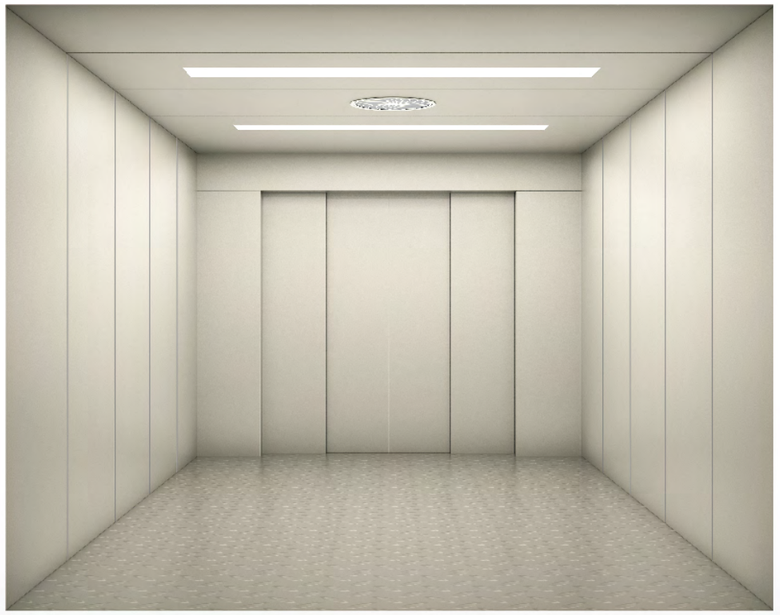
Optional

Handrail:
KYH-F105, Hairline stainless steel

Operation box for the disabled:
KYCOP121

Freight elevator

KOYO Freight elevator creates new concept of cargo moving, and ensures best loading capacity with wide open space, it is the best choice for factory and warehouse.



Model: KYC-H401

Standard

Car wall:
Steel plate paint

Car roof:
Steel plate paint, Acrylic, Round fan

Car bottom:
Pattern steel plate paint

Car door:
Steel plate baking paint

Paint color

PS-001 Standard

PS-002

PS-006

Note: Hairline stainless steel refers to short-hair hairline stainless steel

KYCOP10
Standard

KYIND118G
Standard

KYIND118DG
Standard

Car operation panel

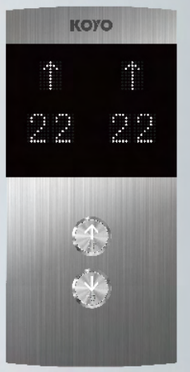
KYCOP108

KYCOP106

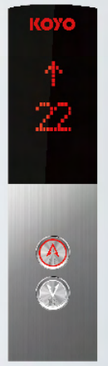
Light colors of buttons

Red Blue White

KYIND108



KYIND108D

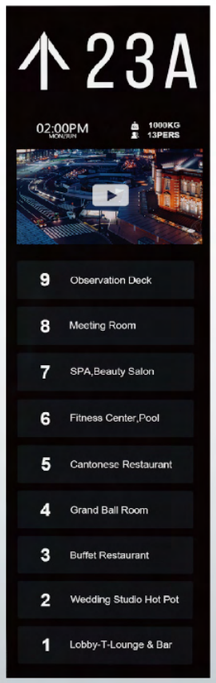


KYIND106

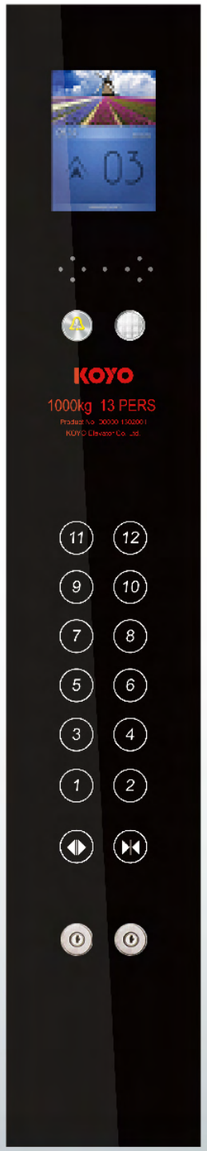
KYIND106D

Car operation panel

KYCOP185

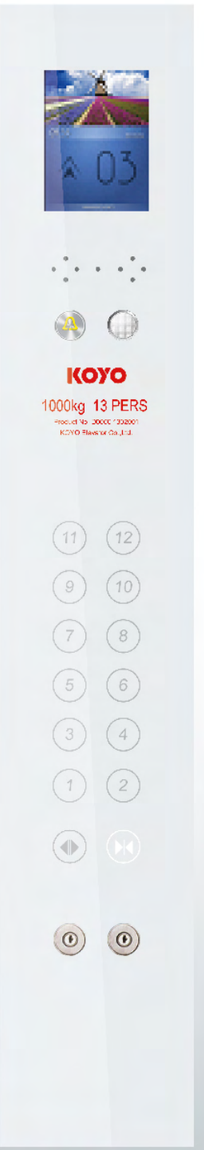


KYCOP380



KYCOP191

KYIND191



KYCOP192

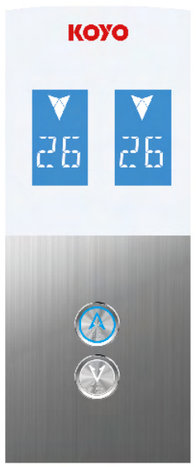
KYIND192

KYCOP109

Car operation Panel

KYCOP121

KYIND109



KYIND109D

KYCOP30
Side wall integrated

KYCOP10

KYIND20

KYIND13
Parallel connection

KYX122

KYSF122

KYX101

KYIND198

Car operation panel

COP103

COP103

KYIND450

KYIND20

KYIND20
Gesture calling

KYIND118G

KYINDG01

KYINDG02

KYIND110

KYIND035

KYIND036

Intelligent elevator
Safe accompanying

Non-contact outer calling control sensor

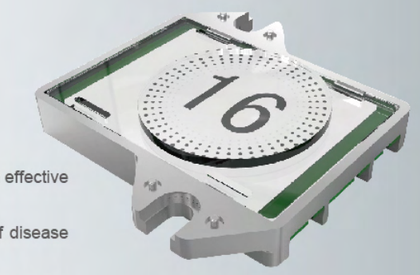
New magic of healthy travel
Fully automatic induced switch, wave hand in the air, no touch
Effectively avoids bacteria infection
Intellectually enjoy a prompt, healthy and convenient life

Intellectual air purification and sterilization system

Dual effective sterilization and purification technology
Real-time sterilization, air-exchange per 5 minutes
Authoritative test certification
Intellectual biological identification system

Non-contact induced press-button

Applies capacitance type non-contact long-distance induction with 10mm effective induced distance.
Prevents finger from touching press button. It thus reduces the risks of disease infection.
It is applicable for intensive passenger areas such as hospital, shopping center, office building etc.



Model: KYM-M102

Car wall width: 900 **Display:** 32 inches

Elevator Intellectual Advertisement

Long-distance control

1080
High Definition resolution ratio

Human-body induction

Mirror display screen intellectual advertisement

Supports news broadcast, building management notice, service advisory, safety knowledge, commercial advertisement etc.
Breaks through the traditional impression of people towards elevator advertisement.
It is not restricted to elevator display screen with media field functions.
It can also provide the public with more and more services.

Model: KYM-M103

Car wall width: Full width (Max width 1600)
Display: 24 inches

Model: KYM-M101

Car wall size: 500×1400 **Display:** 24 inches

Landing door Series

Material: Hairline stainless steel

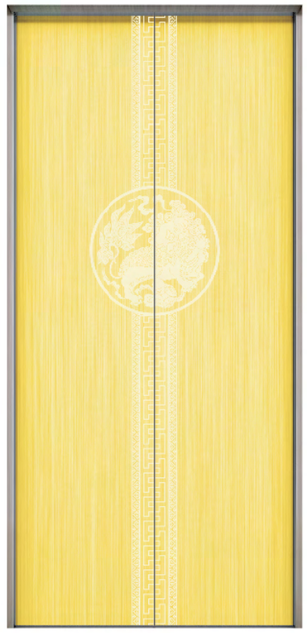
Paint color optional

PS-002

PS-006

PS-008

Material: Steel plate painting (PS-001)



Modle: KYD-Z114

Material:
Titanium gold mirror etched stainless steel

Modle: KYD-Z117

Material:
Titanium gold mirror etched stainless steel

Modle: KYD-Z118

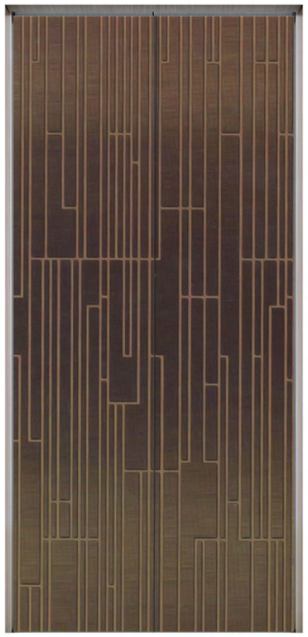
Material:
Mirror etched stainless steel

Modle: KYD-Z119

Material:
Mirror etched stainless steel

Modle: KYD-Z120

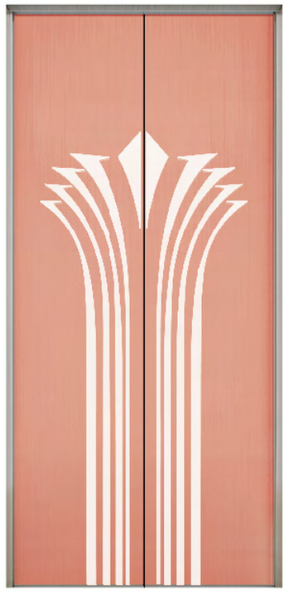
Material:
Champagne gold mirror etched stainless steel



Modle: KYD-Z121

Material:
Bronze mirror etched stainless steel

Landing door series



Modle: KYD-Z122

Material:
Rose gold mirror etched stainless steel

Modle: KYD-Z123

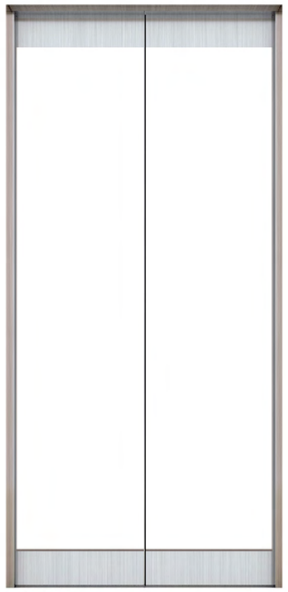
Material:
Titanium gold mirror etched stainless steel

Modle: KYD-Z124

Material:
Rose gold mirror etched stainless steel

Modle: KYD-Z125

Name: Framed glass door



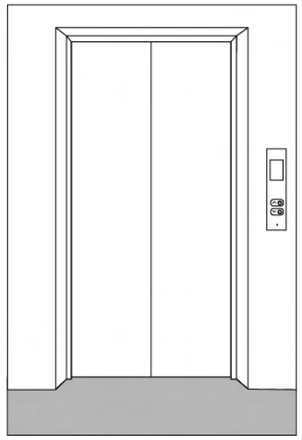
Modle: KYD-Z126

Name: Frameless glass door
Both ends: Stainless steel

Modle: KYD-Z127

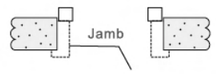
Name: Visual door

Door frame series

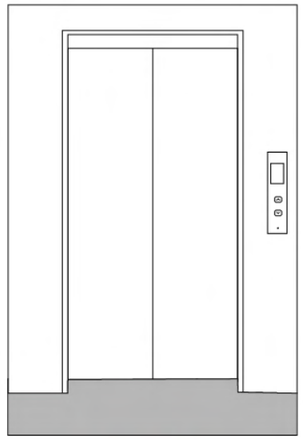


KYJ-J101

Narrow jamb

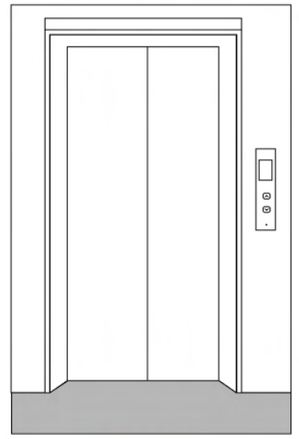


Decoration finish (By others)



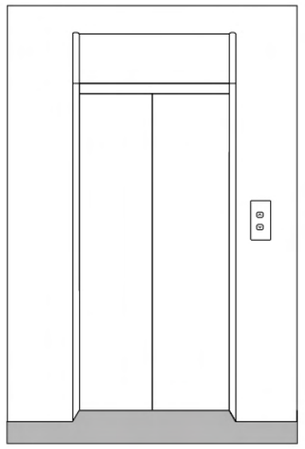
KYJ-J201

Wide jamb



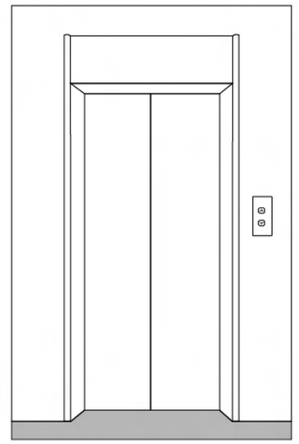
KYJ-J301

Wide jamb



KYJ-J202

Wide jamb with lintel



KYJ-J302

Wide jamb with lintel

Ceiling series

KYT-D101 Standard

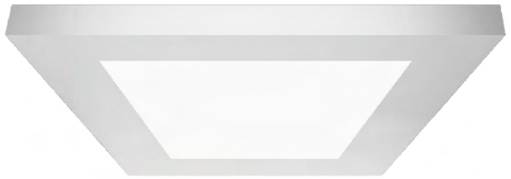
Explain:

Load range: ≤2000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm

KYT-D102

Explain:

Load range: ≤2000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm



KYT-D109

Explain:

Size range: CW≤2300; CD≤2300
Ceiling height: 100mm
Safety window: Yes

Note: If the car size becomes larger,
it will be spliced into two pieces.

KYT-D104

Explain:

Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm

KYT-D130

Explain:

Size range: CW≤2300;CD≤2300
Ceiling height: 100mm
Safety window: Yes

KYT-D123

Explain:

Size range: CW≤2300;CD≤2300
Ceiling height: 100mm
Safety window: Yes

Note: If the car size becomes larger,
it will be spliced into two pieces.

KYT-D108

Explain:

Load range: ≤2000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm

KYT-D110

Explain:

Load range: ≤1000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm

Ceiling series

KYT-D124

Explain:

Size range: CW≤2300;CD≤2300
Ceiling height: 100mm
Safety window: No

KYT-D125

Explain:

Size range：CW≤2300;CD≤2300
Ceiling height：100mm
Safety window：Yes
Lamps：4/6 Pc

KYT-D127

Explain:

Size range: CW≤2300;CD≤2300
Ceiling height: 120mm
Safety window: Yes

Note: If the car size becomes larger,
it will be spliced into two pieces.

KYT-D126

Explain:

Load range: ≤2000kg
Ceiling height: 150mm
Safety window: No

KYT-D114

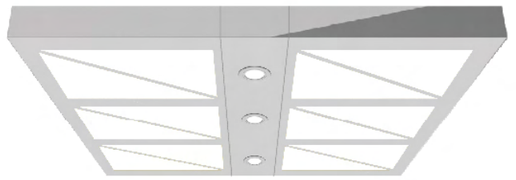
Explain:

Load range: ≤1000kg
Ceiling height: 150mm
Safety window: No
Frame size: 200mm-300mm

KYT-D115

Explain:

Load range: ≤2000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm



KYT-D116

Explain:

Load range: ≤2000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm

KYT-D128

Explain:

Load range: ≤1000kg
Ceiling height: 150mm
Safety window: No
Frame size: 80mm-300mm

Handrail series

KYH-F101

Material: Titanium gold hairline stainless steel

KYH-F101

Material: Black titanium hairline stainless steel

KYH-F106

Material: Titanium gold hairline stainless steel

KYH-F107

Material: Hairline stainless steel

KYH-F108

Material: Hairline stainless steel

KYH-F101

Material: Hairline stainless steel

KYH-F102

Material: Hairline stainless steel

KYH-F103

Material: Hairline stainless steel

KYH-F104

Material: Hairline stainless steel

KYH-F105

Material: Hairline stainless steel

Floor series

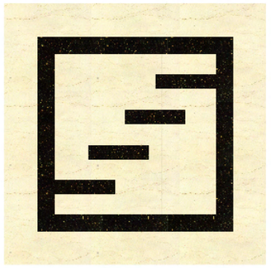
KYS-S029
PVC / Marble

KYS-S031
PVC / Marble

KYS-S032
PVC / Marble

KYS-S033
PVC / Marble

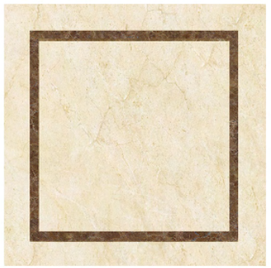
KYS-S034
PVC / Marble



KYS-S035
PVC / Marble

KYS-S028
PVC / Marble

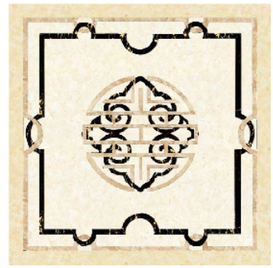
KYS-S030
PVC / Marble



KYS-S208
PVC / Marble

KYS-S201
PVC / Marble

KYS-S202
PVC / Marble



KYS-S203
PVC / Marble

KYS-S204
PVC / Marble

KYS-S205
PVC / Marble

KYS-S206
PVC / Marble

KYS-S207
PVC / Marble

Electrical control unit Specification

Standard function

No.	Function name	Function description
01	All collective selective control	Under the condition of automatic operation or with attendant, during the running process, at the same time of responding the car command signal, it automatically responds up / down calling press-button signal. Passenger at any floor can register up / down calling signal to call the elevator.
02	Inspection running	It is operation function used in inspection or debugging. If it accords with running condition, press up / down press-button, elevator runs upward / downward at inspection speed. Continuously press the button, elevator keeps running. Release the button, it stops right away.
03	Slow self-rescue running	Under the condition of none inspection and not parking at leveling zone, by this time, as long as it accords with starting safety requirements, elevator slowly and automatically runs to leveling zone, opens and releases the passengers.
04	Test running	Function is designed to test or check new elevator. Set certain parameter of integrated machine to test running, elevator runs automatically. Total times of automatic running and interval per each running go through parameter setting.
05	Clock control	System gets real-time clock inside. When it records any trouble, it can record specific time of each trouble. In addition, please take this clock as criterion for certain functions relating to time control.
06	Station-exchange parking	If continuous opening exceeds set time, and opening limit does not act, then elevator closes. After closing, it automatically runs to adjacent floor and opens.
07	Cancel error command	Passenger presses command button, it responds. It then finds out that it does not accord with actual requirements. After command register, continuously press error command button twice, it cancels the registered signal. It can be done through parameter setting.
08	Automatically cancel the command in reversal operation	When elevator arrives at the furthest landing, it is going to make reversal operation. It then cancels all the previous registers.
09	Full-load by-pass	Under fully automatic conditions, during full load (usually 80% of load rating), elevator does not responds any passing calling signal. It only responds the command signal.
10	Home landing	During fully automatic operation, if it is effective setting of automatic home landing function, and there is no command / calling in elevator group, after time-delay (time can go through parameter setting), it then makes automatic home landing.
11	Automatic stop of car fan and lighting in waiting	Under fully automatic conditions, without elevator command and outer calling register exceeds 3 minutes (3min. is default value, time can go through parameter adjustment), it then automatically stops car fan and lighting. After it receives any command or calling signal, it is re-electrified. It can be used again.
12	Free setting of service floor	Through hand operator, it can freely set any parking landings and none parking landings.
13	Attendant operation	Through toggle switch in operation box, it chooses attendant operation. During attendant operation, elevator has no auto-closing function. Elevator closing is executed under the conditions of continuous pressing of closing button by attendant. Meanwhile, it has attendant directional and press-button by-pass functions.
14	Independent running	Independent running means special-purpose running. By this time, elevator does not accept any calling register. It does not close automatically. Operation modes are similar to that of attendant operation.
15	Emergency return running in fire disaster	If fire disaster takes place, press “fire-disaster return switch”, elevator then immediately cancels all commands and callings. It runs to fire-fighting home landing as soon as possible. It then opens and stops.
16	Automatic correction of floor position signal	During systematic running, every terminal switch action point and each-floor leveling switch action point correct the elevators’ position signal by the position data got during self-tuning.
17	Elevator locking service	Under the conditions of fully automatic running or attendant operation, after it presses locking switch, it then cancels all calling registers. It only responds to car command till none is left. It then returns to home landing. After automatic opening, it shuts off car fan and lighting. It turns on “opening press-button lamp”. After 10 second of time-delay, it stops. After reset of locking switch, it starts normal operation.
18	Over-load protection	When over-load switch acts, it does not close and buzzer rings.
19	Running time limiter	During running process, after it continuously runs the stipulated time made by running time limiter (max. 45 second), if leveling switch does not act, it stops then.
20	Trouble protection of reducing switch	If decelerator switch is invalid, elevator makes emergency parking. It prevents it from rushing to top / bottom.
21	Limiter to running time	Up / down terminal installs terminal decelerator switch and terminal limit switch. It ensures that elevator does not exceeds the stroke.
22	Reducing switch trouble protection	After system gets safety loop trouble signal, it makes emergency stop. It prevents from running after it goes wrong.
23	Over-speed protection	It sets protection when speed is out of control and it might lead to safety problem.
24	Leveling switch trouble protection	It takes safety protection in order to prevent leveling switch from going wrong and causing any abnormal conditions.

Standard function

No.	Function name	Function description
25	Well self-tuning failure diagnosis	As well data is proof of control system in fast running, without correct well data, elevator can not operate normally. Therefore, if well self-tuning does not finish correctly, please set well self-tuning failure diagnosis.
26	Protection against broken door-lock in running	If it detects broken door-lock in running, it stops then.
27	Parallel running	After it opens forced closing function, it elevator opens continuously without closing signal because of light-curtain action or other reasons, it then makes forced closing and sends out forced closing signal.
28	Forced closing	After it opens forced closing function, it elevator opens continuously without closing signal because of light-curtain action or other reasons, it then makes forced closing and sends out forced closing signal.
29	Home-landing opening waiting function	Select the elevator through parameter in home landing, open the door and wait for elevator

Optional function

No.	Function name	Function description
01	Opening in advance	After such optional function is selected, during leveling process each time, when it arrives at “opening zone in advance”, it immediately opens in advance. It thus enhances the elevators’ running efficiency.
02	Opening re-leveling	If elevator is in high floor, because of wire rope expansion, when passengers enter into / exit from the car, car moves upward / downward. It leads to incorrect leveling. After system detects it, it opens and makes slow leveling.
03	Fireman operation	If fire disaster takes place, press “fireman operation switch”, elevator immediately cancels all commands and callings. It turns to fire-fighting home landing. It then enters into fireman operation mode.
04	Group-supervision running	Through group supervision, controller coordinates with various landing calling functions, it thus enhances the running efficiency. It offers peak-hour services, scattered waiting functions etc. System maximumly fulfills group supervision of 8 elevators.
05	Residence (or building) monitor	Through CAN communication line, control system connects with PC machine in monitor room. It can monitor elevator floor position, running direction, trouble conditions etc. in PC machine.
06	Earthquake running function	After it matches with earthquake operation function, if earthquake takes place and earthquake detector acts, it gets a contactor signal to input in control system. Control system controls the elevator to make nearby parking. It then opens and releases the passengers.
07	Car arrival gong	During elevators’ deceleration leveling process, up / down arrival gong rings in car top / bottom. It reminds the car passengers and waiting ones that it is making leveling. It arrives soon.
08	Hoist-way arrival pre-announcer lamp	After the optional function is selected, hall in each floor installs up / down arrival pre-announcer lamps. It tells the passengers that elevator arrival soon. Meanwhile, it pre-announces the running directions too.
09	Hoist-way arrival gong	After the optional function is selected, hall in each floor installs up / down arrival gongs. It tells the passengers that it arrives soon.
10	Front-and-aft door independent control	Passengers can independently operate front / rear door as per requirements with respective opening / closing.
11	VIP floor service	Provides VIP passengers with a special function. Therefore VIP passengers can arrival at destination floor as soon as possible.
12	Emergency leveling upon power failure	Because of power failure, running car is not in door zone. It traps the passengers. Power-failure emergency leveling device starts immediately. It drives the elevator to slowly run to door zone. It opens and releases the passengers.
13	Switch control service floor change-over	Converts the elevator service floor through car switch.
15	Voice announcer function	When system matches with voice arrival function, during every leveling process, voice announcer reports the arriving floor. Before each closing, announcer will pre-announce the running directions etc.
16	Weighing compensation	Detects car load data as per weighing device. It gives starting load compensation value. It also improves the cozy start.
17	Opening keeping press-button operation function	Through opening keeping press-button, it offers time-delay closing.
18	Car IC card floor service control	When it matches with such function, car operation box gets a card-reader. Passengers shall take card in order to register the authorized command.
19	Hoist-way IC card calling service control	When it matches with such function, car operation box gets a card-reader. Passengers shall take card in order to register the floors’ calling signal.

Note: Above functional information is not lawful. It is not lawful proof for claim. Users shall be liable and responsible to make sure if the chosen products satisfy the application demands or not. Out of technical progress requirements, we always keep the right to revise any information. As long as catalogue sample-books are issued, it is invalid for previous product manuals.

Spec sheet

Machine room passenger elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
450	6	1	4200	1300	Center openning 750x2100	1350x900x2300	1800x1550	3700	900	TR≤45
630	8	1	4200	1300	Center openning 800x2100	1400x1100x2300	1850x1750	3700	900	TR≤45
		1.5	4300	1500				3800	1000	25≤TR≤65
		1.75	4400	1600				3900	1100	35≤TR≤80
800	10	1	4200	1300	Center openning 800x2100	1400x1350x2300	1850x2000	3700	900	TR≤45
		1.5	4300	1500			1850x2000	3800	1000	25≤TR≤65
		1.75	4400	1600			1850x2000	3900	1100	35≤TR≤80
		2	4500	1700			1900x2050	4000	1300	40≤TR≤90
1000	13	1	4200	1300	Center openning 900x2100	1600x1400x2300	2050x2050	3700	900	TR≤45
		1.5	4300	1500			2050x2050	3800	1000	25≤TR≤65
		1.75	4400	1600			2050x2050	3900	1100	35≤TR≤80
		2	4500	1700			2100x2100	4000	1300	40≤TR≤90
		2.5	4700	1900			2100x2100	4200	1500	55≤TR≤100
1150	15	1	4200	1300	Center openning 900x2100	1800x1400x2300	2250x2050	3700	900	TR≤45
		1.5	4300	1500			2250x2050	3800	1000	25≤TR≤65
		1.75	4400	1600			2250x2050	3900	1100	35≤TR≤80
		2	4500	1700			2300x2100	4000	1300	40≤TR≤90
		2.5	4700	1900			2300x2100	4200	1500	55≤TR≤100
1250	16	1	4200	1300	Center openning 1000x2100	2000x1400x2300	2450x2050	3700	900	TR≤45
		1.5	4300	1500			2450x2050	3800	1000	25≤TR≤65
		1.75	4400	1600			2450x2050	3900	1100	35≤TR≤80
		2	4500	1700			2500x2100	4000	1300	40≤TR≤90
		2.5	4700	1900			2500x2100	4200	1500	55≤TR≤100
1350	18	1	4200	1300	Center openning 1000x2100	2000x1500x2300	2450x2150	3700	900	TR≤45
		1.5	4300	1500			2450x2150	3800	1000	25≤TR≤65
		1.75	4400	1600			2450x2150	3900	1100	35≤TR≤80
		2	4500	1700			2500x2200	4000	1300	40≤TR≤90
		2.5	4700	1900			2500x2200	4200	1500	55≤TR≤100
1600	21	1	4200	1300	Center openning 1100x2100	2100x1600x2300	2550x2250	3700	900	TR≤45
		1.5	4300	1500			2550x2250	3800	1000	25≤TR≤65
		1.75	4400	1600			2550x2250	3900	1100	35≤TR≤80
		2	4500	1700			2600x2300	4000	1300	40≤TR≤90
		2.5	4700	1900			2600x2300	4200	1500	55≤TR≤100

Machine roomless passenger elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
450	6	1	4000	1250	Center openning 700x2100	1200x1000x2300	1750x1400	3650	950	TR≤45
		1	4150	1300				3800	1050	TR≤65
		1.5	4200	1300				3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
630	8	1	4000	1250	Center openning 800x2100	1400x1100x2300	1950x1500	3650	950	TR≤45
		1	4150	1300				3800	1050	TR≤65
		1.5	4200	1300				3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
800	10	1	4000	1250	Center openning 800x2100	1400x1350x2300	1950x1700	3650	900	TR≤45
		1	4150	1300				3800	1000	TR≤65
		1.5	4200	1300				3850	1000	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		2	4500	1500				—	—	TR≤90
1000	13	1	4000	1250	Center openning 900x2100	1600x1400x2300	2150x1750	3650	900	TR≤45
		1	4150	1300				3800	1000	TR≤65
		1.5	4200	1300				3850	1000	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		2	4500	1500				—	—	TR≤90
1150	15	1	4000	1250	Center openning 1000x2100	1800x1400x2300	2400x1750	3650	950	TR≤45
		1	4150	1300				3800	1050	TR≤65
		1.5	4200	1300				3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
1250	16	1	4000	1250	Center openning 1000x2100	1950x1450x2300	2550x1800	3650	950	TR≤45
		1	4150	1300				3800	1050	TR≤65
		1.5	4200	1300				3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
1350	18	1	4000	1250	Center openning 1000x2100	1950x1550x2300	2600x1900	3650	950	TR≤45
		1	4150	1300				3800	1050	TR≤65
		1.5	4200	1300				3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
1600	21	1	4000	1250	Center openning 1100x2100	1950x1750x2300	2600x2100	3650	950	TR≤45
		1	4150	1300				3800	1050	TR≤65
		1.5	4200	1300				3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
2000	26	1	4200	1350	Center openning 1200x2100	2100x1900x2300	2900x2250	3900	1350	TR≤45
		1	4350	1450				4050	1450	TR≤65
		1.5	4400	1450				4100	1450	TR≤70
		1.75	4500	1500				4200	1500	TR≤80

Spec sheet

High speed passenger elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Lifting height (m)
1000	13	3	5500	3000	900x2100	1600x1400x2500	2300x2200	TR≤135
		3.5	5600					TR≤155
		4	5800					TR≤180
1150	15	3	5500	3000	Center openning 1000x2100	1800x1400x2500	2500x2200	TR≤135
		3.5	5600					TR≤155
		4	5800					TR≤180
1250	16	3	5500	3000	Center openning 1000x2100	1950x1450x2500	2650x2250	TR≤135
		3.5	5600					TR≤155
		4	5800					TR≤180
1350	18	3	5500	3000	Center openning 1000x2100	1950x1550x2500	2650x2350	TR≤135
		3.5	5600					TR≤155
		4	5800					TR≤180
1600	21	3	5500	3000	Center openning 1100x2100	1950x1750x2500	2650x2550	TR≤135
		3.5	5600					TR≤155
		4	5800					TR≤180
2000	26	3	5500	3000	Center openning 1200x2100	2100x2000x2500	2800x2800	TR≤135
		3.5	5600					TR≤155
		4	5800					TR≤180

Machine room bed elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
1350	18	1	4200	1300	Center openning 1000x2100	1300x2300x2300	2200x2700	3700	900	TR≤45
		1.5	4300	1500				3800	1000	25≤TR≤65
		1.75	4400	1600				3900	1100	35≤TR≤80
		2	4500	1700				4000	1300	40≤TR≤90
		2.5	4700	1900				4200	1500	55≤TR≤100
1600	21	1	4200	1300	Center openning 1100x2100	1400x2400x2300	2400x2800	3700	900	TR≤45
		1.5	4300	1500			2400x2800	3800	1000	25≤TR≤65
		1.75	4400	1600			2400x2800	3900	1100	35≤TR≤80
		2	4500	1700			2450x2850	4000	1300	40≤TR≤90
		2.5	4700	1900			2450x2850	4200	1500	55≤TR≤100

Machine roomless bed elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
1350	18	1	4150	1300	Center openning 1000x2100	1300x2300x2300	2200x2700	3500	900	TR≤45
		1.5	4350	1500				3700	1000	25≤TR≤65
		1.75	4450	1600				3800	1100	35≤TR≤80
		2	4650	1800				4100	1300	40≤TR≤90
1600	21	1	4150	1300	Center openning 1100x2100	1400x2400x2300	2400x2800	3500	900	TR≤45
		1.5	4350	1500				3700	1000	25≤TR≤65
		1.75	4450	1600				3800	1100	35≤TR≤80
		2	4650	1800				4100	1300	40≤TR≤90

Machine room freight elevator

Load (kg)	Door openning	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Lifting height (m)
2000	Center openning double folded	0.5	4400	1500	1500x2100	1900x2100x2200	2900x2600	TR≤45
		1	4400	1500				TR≤45
3000	Center openning double folded	0.5	4500	1500	1700x2100	2200x2500x2200	3200x3000	TR≤45
		1	4500	1500				TR≤45
4000	Center openning double folded	0.5	4700	1600	2000x2100	2400x3000x2200	3600x3500	TR≤45
5000	Center openning double folded	0.5	4700	1600	2000x2100	2500x3500x2200	3700x4000	TR≤45

Machine roomless freight elevator

Load (kg)	Door openning	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Lifting height (m)
2000	Center openning double folded	0.5	4600	1600	1500x2100	1900x2100x2200	3100x2600	TR≤45
		1	4600	1600				TR≤45
3000	Center openning double folded	0.5	4800	1600	1700x2100	2200x2500x2200	3400x3000	TR≤45
		1	4800	1600				TR≤45