



ELEVATOR

COMFORT
ELEVATORS & ESCALATORS



كمفيرت
للمصاعد والسلالم المتحركة



商標登録証
(CERTIFICATE OF TRADEMARK REGISTRATION)

登録第 4 6 3 8 2 4 6 号
(REGISTRATION NUMBER)

商標(THE MARK)



指定商品又は指定役務並びに商品及び役務の区分(LIST OF GOODS AND SERVICES)

第 7 類 エレベーター、エスカレーター

商標権者(OWNER OF THE TRADEMARK RIGHT)

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富士エレベーター株式会社

埼玉県蓮田市見沼町 15-13 A102

真藤 李絵

出願番号(APPLICATION NUMBER)

商願 2001-075351

出願年月日(FILING DATE)

平成 13 年 8 月 3 日 (August 3, 2001)

この商標は、登録するものと確定し、商標原簿に登録されたことを証する。
(THIS IS TO CERTIFY THAT THE TRADEMARK IS REGISTERED ON THE REGISTER OF THE JAPAN PATENT OFFICE.)

平成 15 年 1 月 24 日 (January 24, 2003)

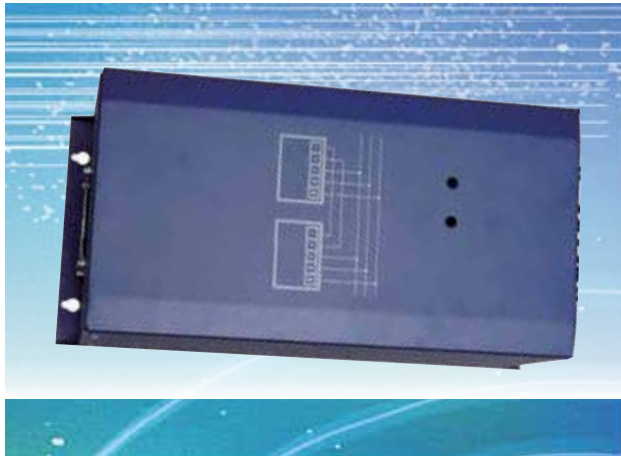
特許庁長官(COMMISSIONER, JAPAN PATENT OFFICE)

太田 信一郎





All kinds of products of FUJI adopt the advanced magnetic synchronized traction machine, The traction machine has advantages of environmental protection, energy- saving, free-maintenance, safe reliability and high efficiency, it has low vibration, low noise and perfect ride comfort. The traction machine can save 30%-60% of power consumption compared to classical gear machine.



e-com control system is an epochal product of FUJI . It represents advanced technology by adopting innovative design. It is a real GREEN product; more than 100 protection design and precaution measurement guarantee ultimate SAFETY compared with usual control system, e-com has lots of advantages

ALL-IN-ONE design of highly integrated motor driving and logic control unit, not separated inverter and control board, reduces the middle control tache, multi CPUs share software and hardware which brings higher speed; multi CPUs monitor each other to make control more safe and reliable



e-com MRA/MMR control system

e-com offers multiple controllers to match different constructions, such as: wall-mounted controller for MRA controller inside of hoistway for MRL closet controller for high speed elevator

Energy generated during braking is feed back to the power supply by the use of energy regeneration device. Compared with usual method of braking resistor, e-com saves 20~40% of power consumption

Automatically hibernation will reduce power consumption prominently during elevator standby. Compared with elevator without this function, auto wakeup elevator saves 90% power consumption during standby

With comprehensive EMC design scheme, e-com fully complies with EN12015, EN12016 standards, it is 'GREEN' electrical product with limit and acceptable electromagnetic pollution and strong electromagnetic susceptibility

N-curve algorithm adopts distance control, it automatically calculates out possible maximum speed according to different floor distance, makes landing directly without creeping. Compared with usual control system, e-com improves 5~30% service efficiency, reduces time of waiting and riding elevator

Brand-new pin board design can avoid mis-plug. Also the connection way of pin and plug guarantees a reliable and convenient junction

Special technology of synchronous starting without load weighing compensation is adopted. By the using of sincos encoder, there is no need to adjust the load weighing compensation

e-com adopts advanced earthquake monitoring detector which real-time detects P wave or S wave shaking acceleration, guarantees passengers evacuation before L wave coming which has the maximal demolition

Surge protection will keep your equipments away from kinds of interferences caused by the energy from power wiring.



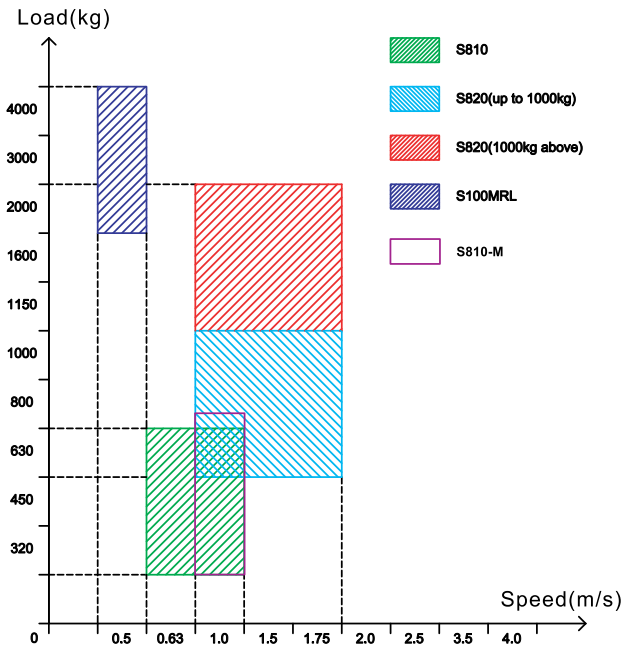
e-com MRL control system



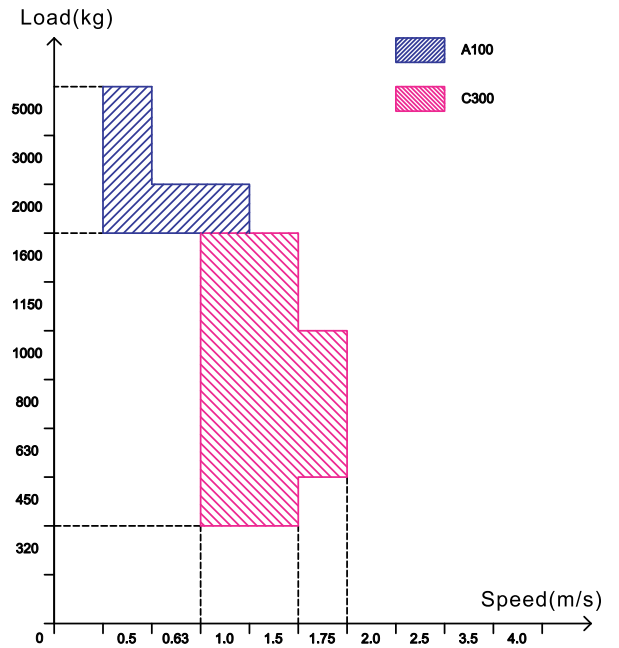
e-com control system
(Extruded)

Complete Solutions

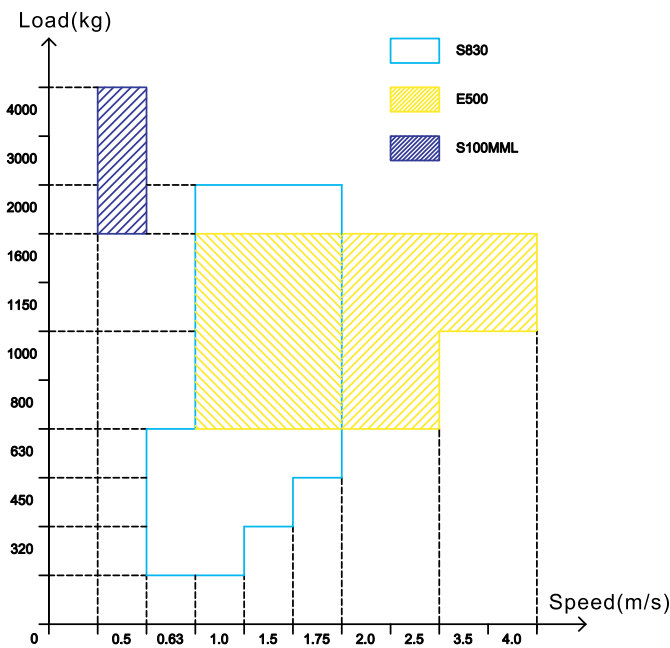
Machine Room-less (Gearless)



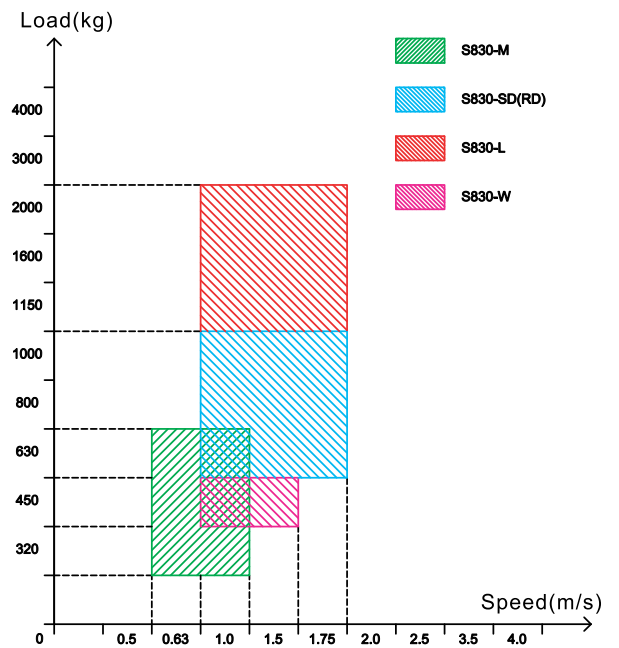
Machine Room Above (Geared)



Machine Room Above Gearless

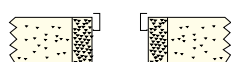


Machine Room Above (S830)



Landing Door Style

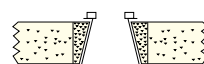
In order to make the environment more beautiful, the decoration of the door and jamb is according to the building's style.



Narrow Door Jamb(Standard)



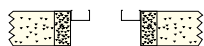
Splayed vertical door jamb
(Optional)



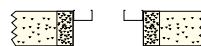
Splayed inclined door jamb
(Optional)



Square door jamb (standard for S810 & S830-M)



(Standard)



(Optional)





HSM-S1601



HSM-S1602



HSM-S1603



HSM-S1604



HSM-S1605



HSM-S1606



HSM-S1607



HSM-S1608



HSM-S1609



HSM-S1610



HSM-S1611



HSM-S1612



HSM-S1613



HSM-S1614



HSM-S1615



HSM-S1616

Car Style

Standard car

Wide Car

CEILING: TH105
CAR WALL: Painted Steel Panel (RAL7035)
CAR DOOR: Painted Steel Panel (RAL7035)
FLOOR: PVC



Deep Car

CEILING: TH103
CAR WALL: Painted Steel Panel (RAL7035)
CAR DOOR: Painted Steel Panel (RAL7035)
FLOOR: PVC



Optional car

Classical Series

JR-001 (Wide Car)

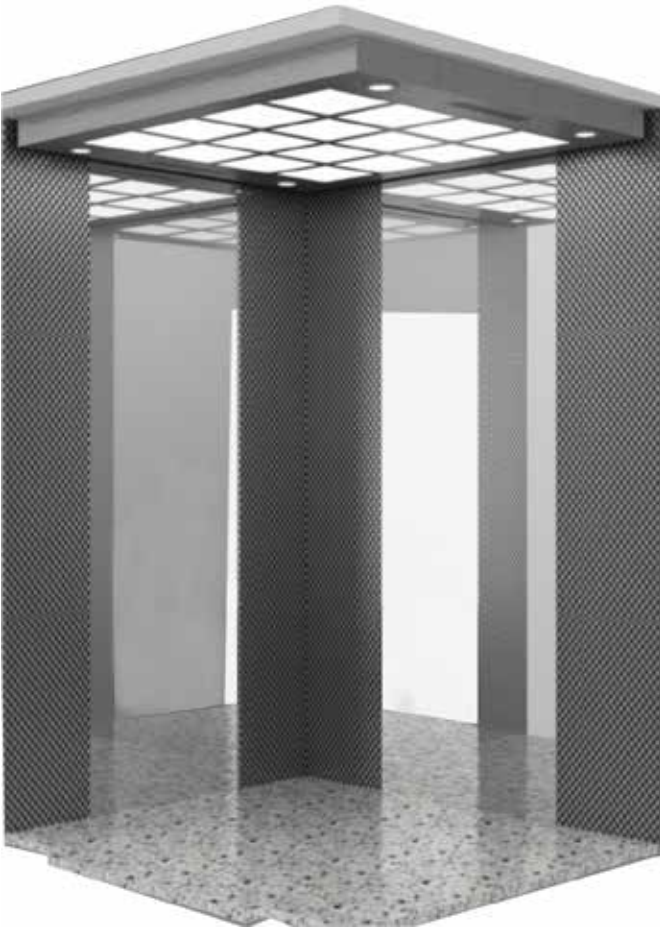
CEILING: SC-101
(painted steel + acrylic board, direct ventilation)
CAR WALL: Hairline Steel Panel
CAR DOOR: Hairline Steel Panel
FLOOR: PVC



JR-004 (Deep Car)

CEILING: SC-104
(painted steel + acrylic board, direct ventilation;
optional: emergency exit)
CAR WALL: Hairline Steel Panel
CAR DOOR: Hairline Steel Panel
FLOOR: PVC





JR-101

CEILING

TH-402B, Hairline ST.ST + Acrylic board + LED lighting & lamps

CAR WALL

Mirror ST.ST. (middle part) + Etched mirror ST.ST.

FRONT RETURN

Mirror ST.ST.

CAR DOOR

Mirror ST.ST. (Optional)

Floor

Marble (Optional)



JR-102

CEILING

SC-101, gray painted steel frame + Acrylic board + LED lighting

CAR WALL

Etched mirror ST.ST. (middle part) + Hairline ST.ST.

FRONT RETURN

Hairline ST.ST.

CAR DOOR

Hairline ST.ST. (Optional)

Floor

Marble (Optional)





JR-103

CEILING

DA630, Mirror ST.ST. + Acrylic board + LED lighting & lamps

CAR WALL

Etched mirror ST.ST. (middle part) + Mirror ST.ST.

FRONT RETURN

Mirror ST.ST.

CAR DOOR

Mirror ST.ST. (Optional)

Floor

Marble (Optional)



JR-104

CEILING

SC-104, Golden-Ti hairline ST.ST. + Acrylic board + LED lighting & lamps

CAR WALL

Golden-Ti Etched mirror ST.ST. (middle part) + Golden-Ti hairline ST.ST.

FRONT RETURN

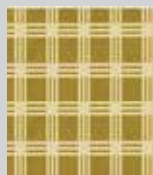
Golden-Ti hairline ST.ST.

CAR DOOR

Golden-Ti hairline ST.ST. (Optional)

Floor

Marble (Optional)





JC-002

CEILING

SC-202 Dark-Ti Mirror ST.ST. + Acrylic board

FRONT RETURN

Mirror ST.ST.

CAR WALL

Side walls Mirror ST.ST. + Dark-Ti Mirror ST.ST.

Rear wall Etched Mirror ST.ST. + Dark-Ti Mirror ST.ST.

HANDRAIL

Round mirror ST.ST, at rear wall

CAR DOOR

Mirror ST.ST. (Optional)

Floor

Marble (Optional)

* **NOTE:** when CW or CD >1600mm, the acrylic board in ceiling will be divided into 2 pieces with a middle frame.

JC-003

CEILING

SC-203 Mirror ST.ST. + LED lamps

FRONT RETURN

Hairline ST.ST.

CAR WALL

Side walls Hairline ST.ST;
Rear wall Etched Mirror ST.ST. + Mirror ST.ST.

SKIRTING

Hairline ST.ST.

HANDRAIL

38mm Round mirror ST.ST, at side walls

CAR DOOR

Hairline ST.ST. (Optional)

Floor

Marble (Optional)





JC-102

CEILING

SC-502 Mirror ST.ST. + LED lamps

FRONT RETURN

Bronze-Ti Mirror ST.ST.

CAR WALL

Side walls Bronze-Ti Mirror ST.ST

Rear wall 3D Laminated sheet FM102.(Optional)

SKIRTING

Hairline ST.ST.

HANDRAIL

Rectangular Mirror ST.ST, at side walls

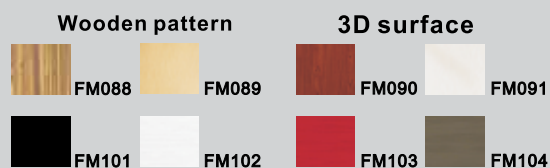
CAR DOOR

Bronze-Ti Mirror ST.ST. (Optional)

Floor

Marble (Optional)

Various laminated wall available



JC-103

CEILING

SC-503 Mirror ST.ST. + LED lamps + Acrylic board

FRONT RETURN

Dark-Ti Mirror ST.ST.

CAR WALL

Dark-Ti Mirror ST.ST. + Etched Mirror ST.ST.

SKIRTING

Hairline ST.ST.

HANDRAIL

Hairline ST.ST, at rear wall

CAR DOOR

Dark-Ti Mirror ST.ST. (Optional)

Floor

Marble (Optional).





JH-001

CEILING

SC-301 Mirror ST.ST. + Etched mirror ST.ST. + LED

FRONT RETURN

Mirror ST.ST.

CAR WALL

Wooden surface ST.ST. + Mirror ST.ST. + Mirror ST.ST. strip

SKIRTING

Hairline ST.ST.

CAR DOOR

Mirror ST.ST. (Optional)

Floor

Marble (Optional)

JH-003

CEILING

SC-303 Mirror ST.ST. + Acrylic board + LED lamps

FRONT RETURN

Golden-Ti Hairline ST.ST.

CAR WALL

Golden-Ti Etched mirror ST.ST. (middle part) + Golden-Ti Hairline ST.ST.

HANDRAIL

Round Golden-Ti Hairline ST.ST., at 3 sides

CAR DOOR

Golden-Ti Hairline ST.ST. (Optional)

Floor

Marble (Optional)





JH-004

CEILING

SC-304 Golden-Ti Etched mirror ST.ST. +
Suspended lighting + Golden-Ti Mirror
ST.ST. + LED lamps

FRONT RETURN

Golden-Ti Mirror ST.ST.

CAR WALL

Side walls Golden-Ti Etched mirror ST.ST.
(middle part) + Marble with Silver ST.ST. strip
Rear wall Glass mirror with painted wooden frame
(middle part) + Marble with Silver ST.ST. strip

SKIRTING

Golden-Ti Mirror ST.ST.

HANDRAIL

Round, Wooden surface + Golden-Ti Hairline
ST.ST., at 2 sides

CAR DOOR

Golden-Ti Mirror ST.ST. (Optional)

Floor

Marble (Optional)

JH-101

CEILING:

SC-504 Sand blasted ST.ST. + Mirror ST.ST. +
LED lamps

FRONT RETURN

Mirror ST.ST.

CAR WALL

Marble with brass color strip (middle part) +
Golden-Ti Mirror ST.ST.

HANDRAIL

Round, Wooden surface + Golden-
Ti Mirror ST.ST at rear sides

CAR DOOR

Mirror ST.ST. (Optional)

Floor

Marble (Optional)





VC-003

CEILING

Golden-Ti Etched mirror ST.ST. + Acrylic board + LED lamps

CAR WALL

Golden-Ti Etched mirror ST.ST. + Sliver hairline ST.ST.

FRONT RETURN

Sliver hairline ST.ST.

HANDRAIL

Round Sliver hairline ST.ST., at rear side

CAR DOOR

Silver Hairline ST.ST. (Optional)

FLOOR

PVC

VC-005

CEILING

Mirror ST.ST. + Acrylic board with backlight

FRONT RETURN

Hairline ST.ST.

CAR WALL

Side walls wooden surface+mirror ST.ST.strips
Rear wall mirror ST.ST.

HANDRAIL

Round wooden surface + hairline ST.ST
handrail at rear wall

CAR DOOR

Hairline ST.ST. (Optional)

Floor

Marble (Optional)





VC-007

CEILING

Golden-Ti mirror ST.ST + Golden- Ti etched ST.ST + LED lamps & light bar

FRONT RETURN

Golden-Ti mirror ST.ST

CAR WALL

Side Walls golden-Ti mirror ST.ST. + glass mirror
Rear Wall golden-Ti mirror ST.ST. + golden-Ti etched ST.ST.

HANDRAIL

Round golden-Ti ST.ST handrail at rear wall

CAR DOOR

Golden-Ti mirror ST.ST. (Optional)

Floor

Marble (Optional)

VC-008

CEILING

Champagne-Ti sandblasted ST.ST. frame + LED lamps + Champagne-Ti mirror ST.ST. + Suspended lighting

FRONT RETURN

Champagne-Ti sandblasted ST.ST.

CAR WALL

Side wall Champagne-Ti sandblasted ST.ST. + Silver mirror ST.ST. strip
Rear wall Champagne-Ti mirror ST.ST.

HANDRAIL

Champagne-Ti sandblasted ST.ST. + wooden surface at rear side

CAR DOOR

Champagne-Ti sandblasted ST.ST. (Optional)

Floor

Marble (Optional)





Elegant Series

JC-002 (better to be Wide Car, above 630kg)

CEILING: Dark-Ti color Hairline ST/ST, White acrylic board
CAR SIDE & REAR WALL: Etched Mirror ST/ST
+ Dark-Ti color Hairline ST/ST
CAR FRONT WALL: Mirror ST/ST
CAR DOOR: Mirror ST/ST
HANDRAIL: Mirror ST.ST, Round, Rear side
FLOOR: PVC (CP-3)
COP/FOB: Extra height COP, Mirror ST/ST, Blue segment display

NOTE:

The acrylic board in ceiling will be divided into 2 pieces by a middle frame when CW or CD > 1600mm.



JC-003 (Wide Car / Deep Car, above 630kg)

CEILING: Mirror ST/ST, LED lamp
CAR SIDE & REAR WALL: Etched Mirror ST/ST + Mirror ST/ST
CAR FRONT WALL: Mirror ST/ST
CAR DOOR: Mirror ST/ST
HANDRAIL: Mirror ST.ST, Round, 2 sides
FLOOR: PVC (CP-3)
COP/FOB: One Extra height COP, Mirror ST/ST, Blue segment display



Deluxe Series

JH-001 (better to be Wide Car, above 800kg)

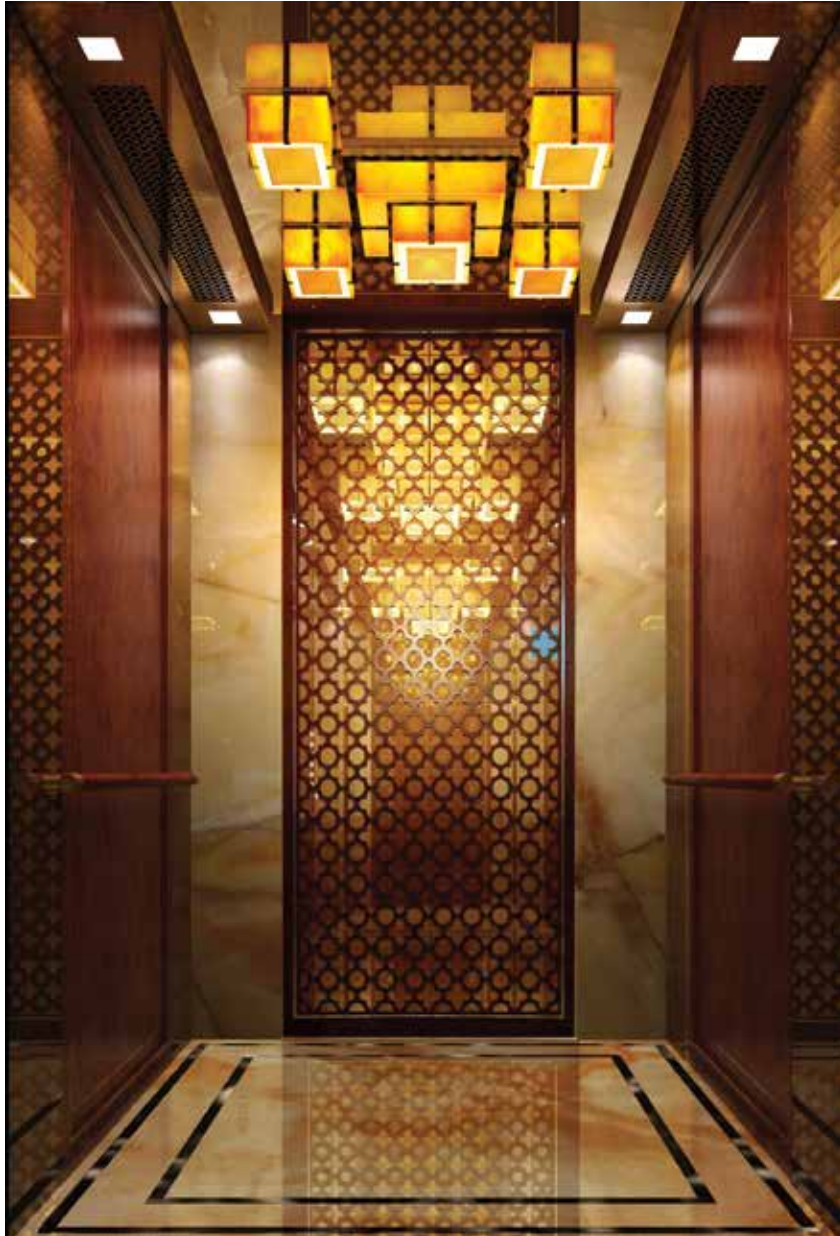
CEILING: Etched + Mirror ST/ST, LED lamb
 CAR SIDE & REAR WALL: Mirror ST/ST, Wood-like surface
 CAR FRONT WALL: Mirror ST/ST
 CAR DOOR: Mirror ST/ST
 HANDRAIL: None
 FLOOR: Marble
 COP/FOB: Full height, Mirror ST/ST, TFT display



JH-003 (better to be Wide Car, above 800kg)

CEILING: Golden-Ti color Mirror ST/ST, White acrylic, LED lamb
 CAR SIDE & REAR WALL: Golden-Ti color Etched + Hairline ST/ST
 CAR FRONT WALL: Golden-Ti color Hairline ST/ST
 CAR DOOR: Golden-Ti color Hairline ST/ST
 HANDRAIL: Golden-Ti color Hairline ST/ST, Round, 3 sides.
 FLOOR: Marble
 COP/FOB: Full height, Golden-Ti color Hairline ST/ST, TFT display





HSEQ-1305

- Ceiling : Golden Mirror ST.ST. +Hollow wood carving + LED Square Spotlight + Decorative Drop Lantern
- Rear Wall : Jade Stone + Golden Mirror ST. ST. + Hollow Wood Carving
- Side Wall : Wood Veneer + Golden Mirror ST. ST.
- Hand Rail : Golden Mirror ST. ST. Tube + Wood
- Flooring : Marble
- Front Wall : Golden Mirror ST.ST.



HSEQ-1306

- Ceiling : Wood Frame + LED Spotlight + Decorative + Ceiling - mounted Lantern + LED Strip Lighting
- Rear Wall : Mirror ST. ST. + Golden Mirror ST. St. Etching
- Side Wall : Mirror ST.St. Marble
- Handrail : Golden ST.ST. Tube + Wood
- Skirting : Marble
- Flooring : Marble
- Front Wall : Mirror ST.ST



HSEQ-1309

- Ceiling : Golden Mirror ST.St + LED Spot Light + Golden foil Veneer + Led Strip Ligiting
- Real Wall : Golden Mirror ST. St. + Metalic Moscae
- Side Wall : Golden Mirror ST.ST. + Wood Viewer
- Handrail : Brushed ST.ST. + Wood Viewer
- Skirting : Golden Burshed ST.ST
- Flooring : Marble
- Front Wall : Golden Mirror ST.St



HSEQ-1322

- Ceiling : champagne quartz blasted st.st + acrylic + LED spot light
- Rear Wall : champagne quartz blasted st.st + champagne quartz mirror st.st
- Side wall : champagne quartz blasted st.st + champagne quartz mirror st.st
- Hand Rail : St.st. tube
- Skirting : champagne quartz blasted st.st
- Flooring : Marble
- Front Wall : champagne quartz blasted st.st



HSEQ-1323

- Ceiling : painted steel + LED spot light + LED lighting
- Rear Wall : Laminated steel + mirror st.st
- Side wall : Laminated steel + mirror st.st
- Hand Rail : St.st. tube
- Skirting : Brushed st.st
- Flooring : Marble
- Front Wall : Brushed st.st



HSEQ-1330

- Ceiling : Mirror st.st + Acrylic + LED lighting
- Rear Wall : Black mirror st. + mirror st.st etching
- Side wall : Black mirror st. + mirror st.st etching
- Hand Rail : St.st. tube
- Skirting : Brushed st.st
- Flooring : Marble
- Front Wall : Brushed st.st



HSEQ-1331

- Ceiling : Mirror st.st + Acrylic
- Rear Wall : Mirror st.st + Spot enamelled glass
- Side wall : Mirror st.st + Spot enamelled glass
- Hand Rail : St.st. tube
- Skirting : Brushed st.st
- Flooring : Marble
- Front Wall : Mirror st.st



HSEQ-1332

- Ceiling : Mirror st.st + Acrylic
- Rear Wall : Mirror st.st + Mirror st.st etching
- Side wall : Mirror st.st + Mirror st.st etching
- Hand Rail : St.st. tube
- Skirting : Brushed st.st
- Flooring : Marble
- Front Wall : Mirror st.st



HSEQ-1333

- Ceiling : Mirror st.st frame + colored acrylic + LED spot light
- Rear Wall : Brushed St.St + Mirror St.St Etching
- Side wall : Brushed St.St + Mirror St.St Etching
- Hand Rail : St.st. tube
- Skirting : Stainless steel + wood
- Flooring : Marble
- Front Wall : Brushed st.st



HSEQ-1335H

- Ceiling : Mirror st.st frame + acrylic + LED spot light
- Rear Wall : Wood veneer + golden st.st etching
- Side wall : Wood veneer + bevelled glass mirror
- Hand Rail : golden St.st. tube
- Skirting : Marble
- Flooring : Marble
- Front Wall : golden brushed st.st



HSEQ-1337H

- Ceiling : Rose gold mirror st.st. + LED spot light
- Rear Wall : Brushed St.St etching + Rose gold brushed st.st
- Side wall : Brushed St.St etching + Rose gold brushed st.st
- Hand Rail : St.st. tube
- Flooring : Marble
- Front Wall : Rose gold blasted st.st



FJEQ 1502

- Ceiling : Brushed S.S. + Acrylic + LED Spotlight
- Side Wall : Laminated Steel with S.S. inlay
- Rear Wall : Mirror Polished S.S. + Etched Mirror Polished S.S.
- Handrail : S.S. Tube
- Skirting : Brushed S.S.
- Flooring : Patterned Marble



FJEQ 1509

- Ceiling : Mirror Polished S.S. + 3M Veneer+ LED Downlight
- Rear Wall : Mirror Polished S.S. + Honeycomb Marble
- Side Wall : Mirror Polished S.S. + 3M Veneer
- Handrail : Brushed S.S.
- Skirting : Brushed S.S.
- Flooring : Marble



FJEQ 1517

- Ceiling : Brushed S.S. + Stoved Varnishing Steel + Acrylic + LED Downlight
- Rear Wall : Mirror Polished S.S. + Wood Veneer
- Side Wall : Mirror Polished S.S. + Wood Veneer
- Handrail : Brushed S.S.
- Skirting : Brushed S.S.
- Flooring : Patterned Marble



FJEQ 1518

- Ceiling : Bronze Brushed S.S. + Bronze Mirror Polished S.S. + LED Spotlight + Strip Lighting
- Rear Wall : Bronze Brushed S.S. + Wood Veneer + Strip Lighting
- Side Wall : Bronze Mirror Polished S.S. + Wood Veneer
- Handrail : Bronze Brushed S.S. Tube
- Flooring : Patterned Marble



FJEQ 1519

- Ceiling : Decorative Copper + Bronze Mirror Polished S.S. + Bronze Brushed S.S + LED Spotlight
- Side Wall : Bronze mirror Polished S.S. + Bronze Brushed S.S.
- Rear Wall : Bronze Brushed S.S, + Bronze Mirror Polished S.S. + Decoratwe Copper
- Handrail : Bronze Mirror Polished S.S.
- Skirting : Bronze Mirror Poimomi
- Flooring : Partterned Marble



FJEQ 1520

- Ceiling : Wood Veneer+ Mirror Polished S.S. + translucent Film + LED Downlight
- Rear Wall : Wood Veneer+ Copper Decoration+ Mirror Polished S.S.
- Side Wall : Wood Veneer+ Golden Brushed S.S.
- Handrail : Golden Brushed S.S.
- Skirting : Brushed S.S.
- Flooring : Patterned Marble



FJEQ 1521

- Ceiling : Wood Frame + Decorative Light + LED Downlight + Strip Lighting
- Rear Wall : Wood Veneer + Copper Graphic Plate + Frame
- Side Wall : Wood Veneer
- Handrail : Golden Brushed S.S.
- Skirting : Marble
- Flooring : Patterned Marble



FJEQ 1522

- Ceiling : Mirror Polished S.S. + LED Spotlight
- Rear Wall : Leather Veneer Laminated Steel + Mirror Polished S.S.
- Side Wall : Leather Veneer Laminated Steel + Mirror Polished S.S.
- Handrail : Golden Brushed S.S. + Wood
- Skirting : Mirror Polished S.S.
- Flooring : Marble



FJEQ 1523

- Calling : Stoved Varnising Steel! + Mirror Polished S.S. + LED Sportlight + Strip Lighting
- Rear Wall : Mirror Polished S.S. + Wood Veneer + Golden Brushed S.S
- Side Wall : Mirror Polished 5.5. +Etched Mirror S.S.
- Handrail : Wood + S.S. Tube
- Skirting : Brushed S.S.
- Flooring : Patteded Marble



FJEQ 1524

- Ceiling : Brushed S.S. + LED Sportlight
- Rear Wall : Mirror Polished S.S.+ Wood Veneer + Marble
- Side Wall : Mirror Polished S.S.+ Wood Veneer + Marble
- Handrail : Wood + S.S.
- Flooring : Patteded Marble



FJEQ 1525

- Ceiling : Brushed S.S. +Acrylic+ Strip Ughllng
- Rear Wall : Wood Veneer+ Mirror Polished S.S. +Brushed S.S.
- Side Wall : Mirror Polished S.S. + Brushed S.S.
- Handrail : Brushed S.S. Tube
- Flooring : Marble



FJEQ 1526

- Ceiling : Stoved Varnishing Steel + Golden Foil Veneer+ LED Spotlight + Strip Lighting
- Rear Wall : Black Mirror Polished S.S. + Honeycomb Marble
- Side Wall : Black Mirror Polished S.S. +Decorative Aluminum Plate
- Handrail : S.S. Tube
- Skirting : Marble
- Flooring : Patterned Marble



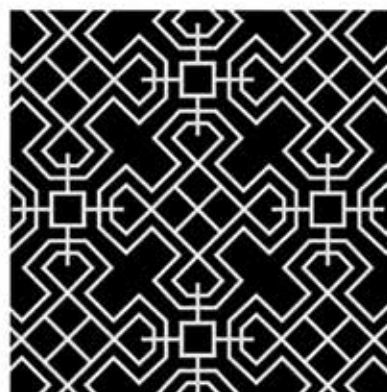
FJEQ 1527

- Ceiling : Stoved Varnishing Steel + Silver Foil Veneer + LED Downlight + Strip Lighting
- Rear Wall : Wood Veneer + Brushed S.S. + Jade Stone
- Side Wall : Wood Veneer + Mirror Polished S.S. + Brushed S.S.
- Handrail : S.S. + Wood
- Skirting : Brushed S.S.
- Flooring : Marble



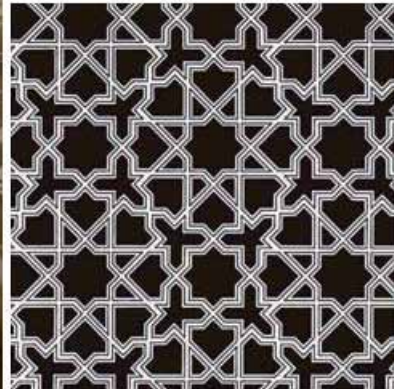
FJEQ 1528

- Ceiling : Wood Frame+ Mounted Ughling + Strip Ughling
- Rear Wall : Wood Veneer+ Beveled Glass + Decorative Graphic+ Glass
- Side Wall : Wood Veneer+ Bevelled Glass+ Leather Wrapping
- Handrail : Golden Brushed S.S.
- Flooring : Patterned Marble



FJEQ 1530H

- Ceiling : Stoved Varnishing Steel + Golden Mirror Polished S.S.+ Leather Weaving + LED Spotlight + Strip lighting
- Rear Wall : Rose—Golden Brushed S.S. + Etched Glass Mirror + Mirror Polished S.S.
- Side Wall : Rose—golden Brushed S.S. + Leather Wrapping + Mirror Polished S.S.
- Handrail : Golden S.S. Tube
- Flooring : Patterned Marble



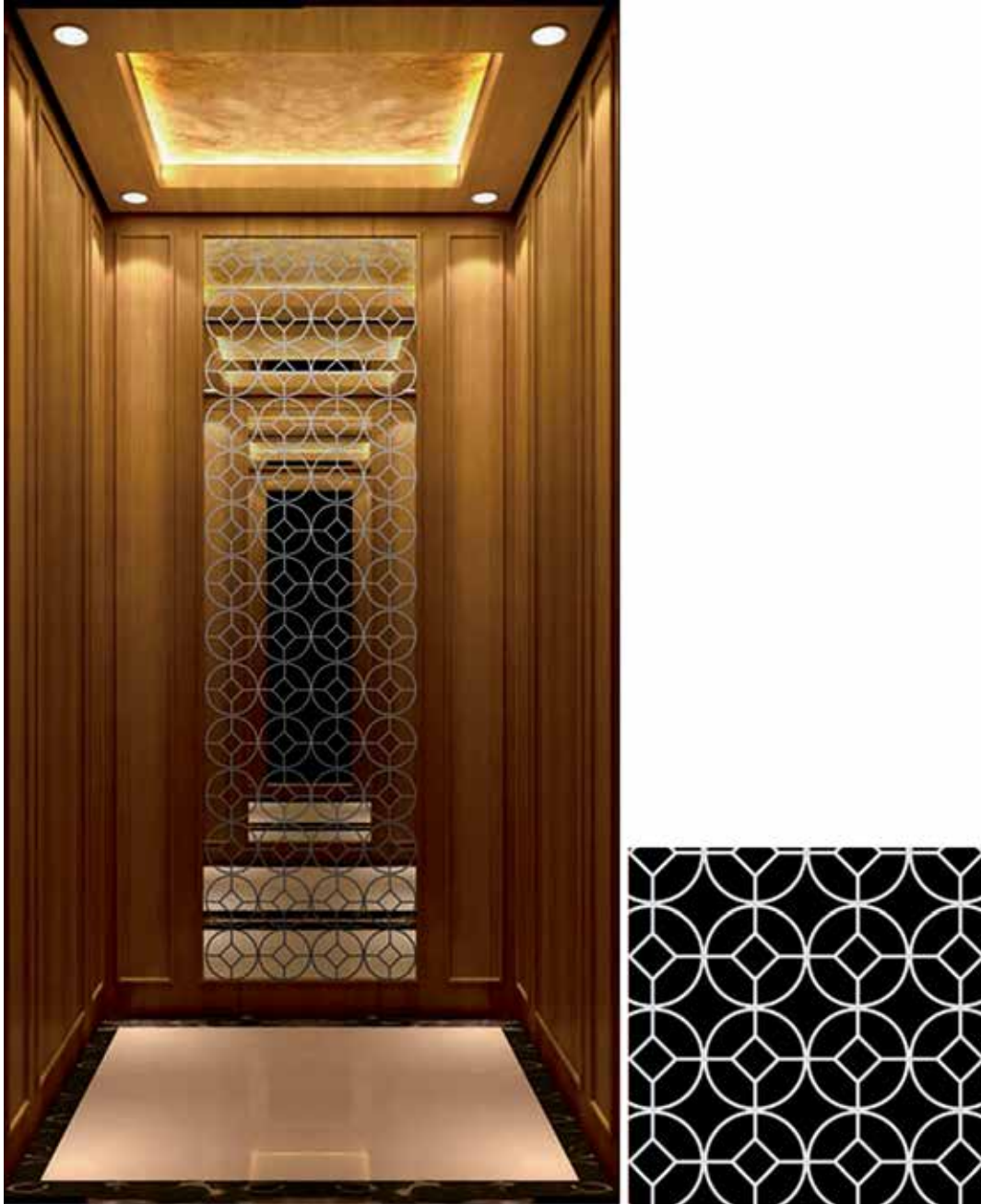
FJEQ 1532H

- Ceiling : Golden Mirror Polished S.S. + Golden Foil Veneer + LED Downlight + Strip Lighting
- Rear Wall : Golden Mirror Polished S.S. + Golden Etched Mirror S.S.
- Side Wall : Golden Mirror Polished S.S.
- Handrail : Golden S.S. Tube
- Flooring : Patterned Marble



FJEQ 1533H

- Ceiling : Wood Frame + Acrylic
- Rear Wall : Wood Veneer + Beveled Glass Mirror
- Side Wall : Wood Veneer + Mirror Polished S.S.
- Skirting : Wood Veneer
- Flooring : Patterned Marble



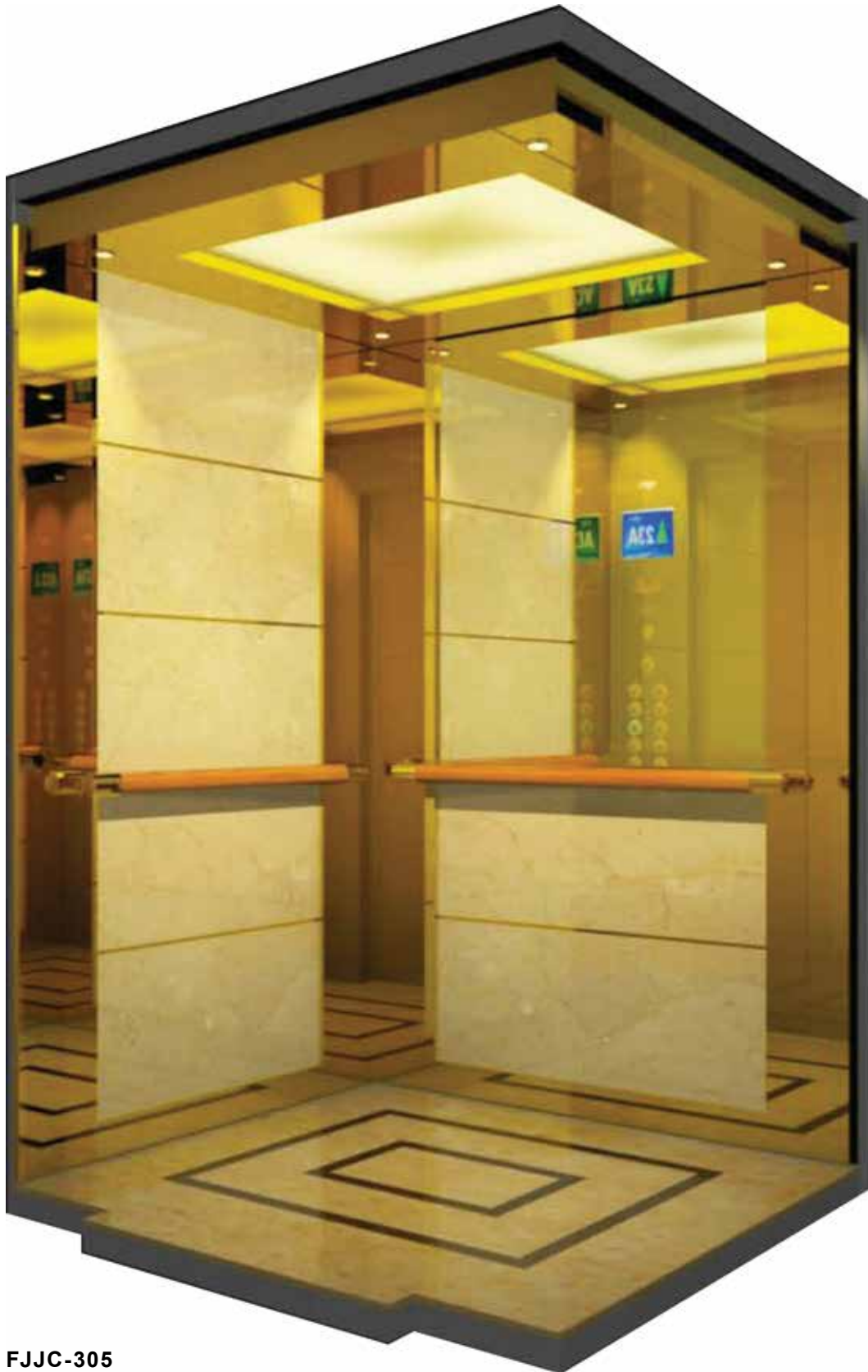
FJEQ 1534H

- Ceiling : Wood Frame + Golden Foil Veneer + LED Spotlight + Strip Lighting
- Rear Wall : Wood Veneer + Etched Mirror S.S.
- Side Wall : Wood Veneer
- Flooring : Patterned Marble



FJEQ 1535H

- Ceiling : Wood Frame + LED Spotlight + Strip Lighting
- Rear Wall : Wood Veneer + Bevelled Glass Mirror
- Side wall : Wood Veneer
- Skirting : Wood Veneer
- Flooring : Patterned Marble



FJJC-305

- Ceiling : ti-plated mirror ST/ST + acrylic resin panel + LED
Car wall : ti-plated mirror ST/ST + natural marble perforated plate + anti-fog glass
Handrail : ti-plated mirror ST/ST and wood of teak Floor: water cutting artistic marble



FJJC-312

- Ceiling : back-painted plyglass + mirror ST/ST + LED
- Car wall : back-painted plyglass + etched mirror ST/ST + black ti-plated mirror ST/ST trim molding
- Handrail : acrylic transparent handrail
- Floor : water cutting artistic marble



FJJC-303

- Ceiling : black ti-plated mirror ST/ST + acrylic resin panel + LED
Car wall : black ti-plated mirror ST/ST + white corrugated plate + natural marble perforated plate
Handrail : ti-plated mirror ST/ST and rosewood
Floor : water cutting artistic marble



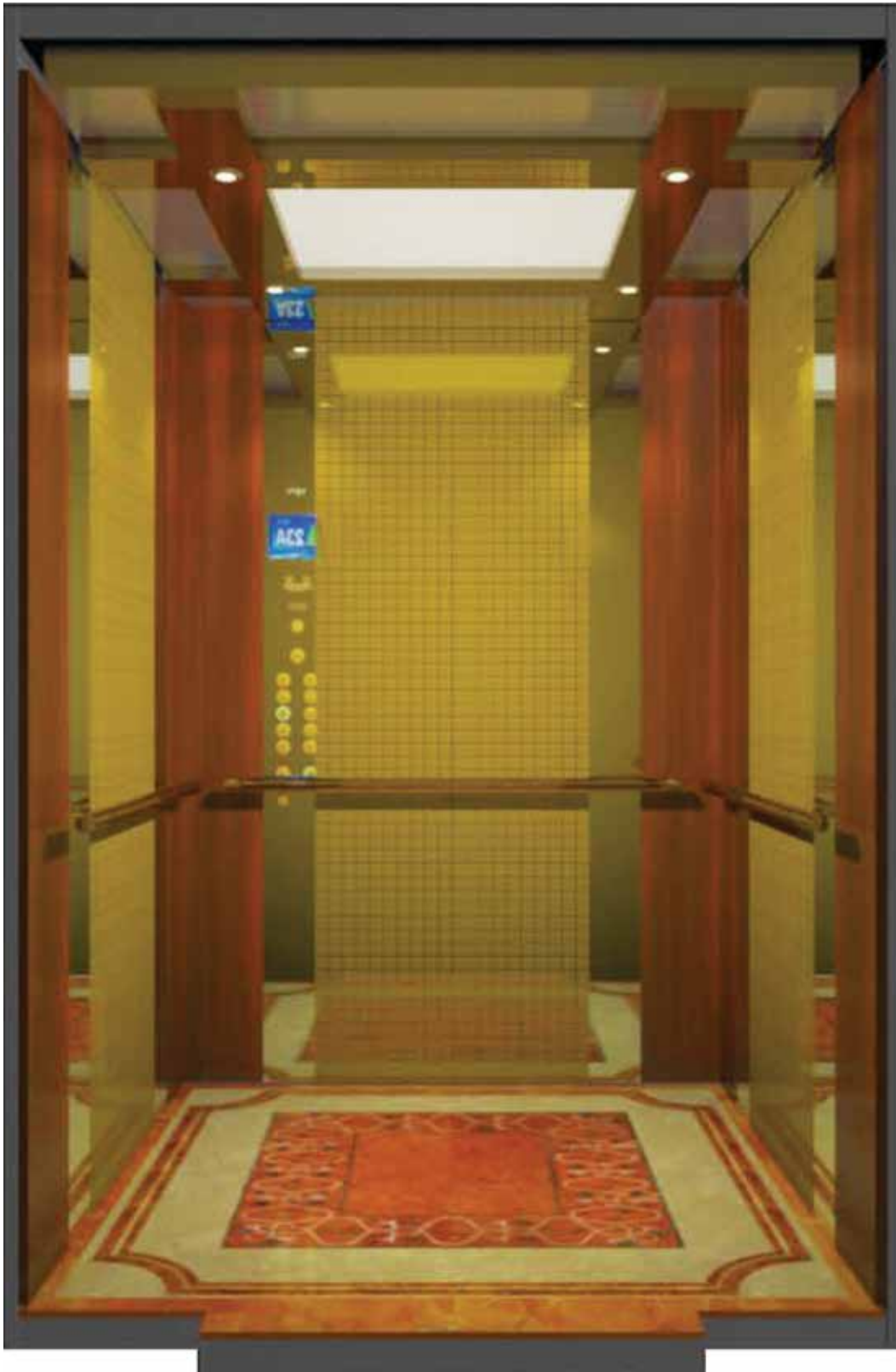
FJJC-311

- Ceiling : mirror ST/ST + acrylic resin panel
- Car wall : wood veneer + mirror ST/ST + rose gold hairline ST/ST
- Handrail : soft leather backrest
- Floor : water cutting artistic marble



FJJC-310

- Ceiling : ti-plated mirror ST/ST + black ti-plated mirror ST/ST + acrylic resin panel
- Car wall : ti-plated etched mirror ST/ST + black ti-plated mirror ST/ST
- Handrail : ti-plated mirror ST/ST flat handrail
- Floor : water cutting artistic marble



FJJC-309

- Ceiling : ti-plated mirror ST/ST + ti-plated vibration finish stainless steel+ acrylic resin panel + LED
Car wall : ti-plated etched mirror ST/ST + wood veneer
Handrail : ti-plated hairline ST/ST
Floor : water cutting artistic marble



FJEQ-809

- Ceiling : Mirror ST/ST frame, acrylic lighting decoration, down lights
- Car wall : Mirror ST/ST+ etched ST/ST
- Handrail : Mirror ST/ST
- Floor : polychrome steel



FJEQ 0915

Car ceiling : acrylic, mirror finished ST/ST. Wood veneer

Car wall : wood veneer. Mirror finished ST/ST. Sand wash ST/ST.

floor : marble



FJEQ 0917

Car ceiling : wood veneer with gold foil

Car wall : wood veneer marble and mirror finished ST/ST.

Handrail : round wood Floor: marble



FJEQ 0918

Car ceiling : mirror finished ST/ST with acrylic lighting
Car wall : wood veneer and mirror finished ST/ST
Handrail : round wood with ST/ST Floor: marble



SJEQ-0911

- Ceiling : ST/ST frame with LED light
- Car wall : mirror + etched ST/ST
- Handrail : stainless steel
- Floor : marble



FJEQ 0908

- Car ceiling : ST/ST frame with acrylic lighting
- Car wall : wood veneer, art glass and hairline finished ST/ST.
- Handrail : acrylic and wood decoration
- Floor : marble



FJEQ 0919

Car ceiling : wood veneer, LED light and st/st frame

Car wall : composite plate, wood veneer and mirror finished ST/ST



FJEQ-820

- Ceiling : Mirror ST/ST frame, down lights
- Car wall : Hairline ST/ST + etched ST/ST
- Handrail : Mirror ST/ST
- Floor : Artistic ceramic



FJ-N02

Ceiling: Hairline ST/ST + acrylic lighting
 + Vaulted
 Car wall: hairline & etched ST/ST
 Handrail: ST/ST

FJ-N23

Ceiling: baked enamel steel + acrylic decoration
 Car wall: ti-plated hairline + ti-plated etched ST/ST
 Handrail: acrylic + ti-plated ST/ST, $\phi 42\text{mm}$.



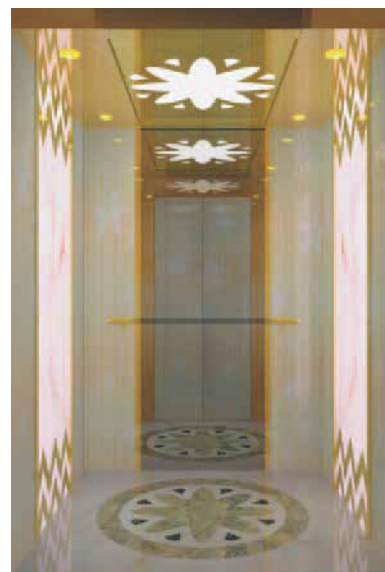
FJ-N25

Ceiling: baked enamel steel + acrylic
 Car wall: ti-plated hairline + ti-plated etched ST/ST
 Handrail: stainless steel, $\phi 38\text{mm}$.



FJ-201

Ceiling: painted ST/ST + acrylic lighting
 Car wall: titanium mirror & etched ST/ST
 + titanium mirror ST/ST
 Handrail: PVD Coated, mirror flat rail.
 Floor: artistic ceramic



FJ-612

Ceiling: ti-plated ST/ST + acrylic lighting
 + down lighting
 Car wall: translucent marble + ti-plated ST/ST
 + mirror ST/ST + polychrome panel
 Handrail: ti-plated ST/ST + transparent acrylic



FJ-618

Ceiling: painted ST/ST+ acrylic lighting
 decoration
 Car wall: wood and glass + mirror ST/ST



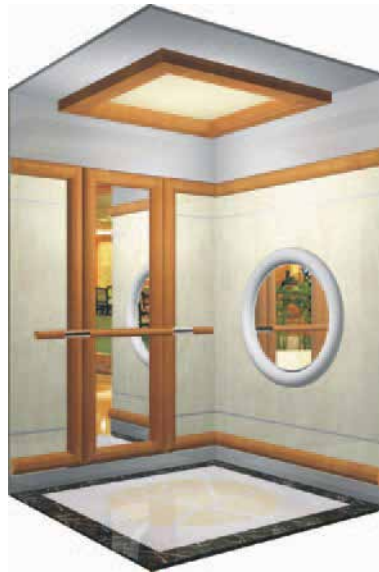
FJ-632

Ceiling: painted ST/ST + acrylic lighting decoration
 Car wall: mirror ST/ST+ polychrome panel
 Handrail: ST/ST double rail



FJ-J032

Ceiling: wood of zelkova + acrylic lighting + down lighting
 Car wall: decorated with pictures + mirror + wood of zelkova + polychrome steel
 Handrail: wood



FJ-N03B

Ceiling: wood of teak + leather of goat.
 Car wall: knurl wood + wood of teak + hairline ST/ST + mirror.
 Handrail: wood of teak + ST/ST



FJ-N04

Ceiling: hairline ST/ST + acrylic vault lighting

Car wall: hairline ST/ST + etched ST/ST

Handrail: mirror ST/ST + hairline ST/ST



FJ-N05

Ceiling: hairline vault ST/ST + mirror ST/ST
+ down lighting

Car wall: mirror ST/ST + hairline ST/ST+ mirror

Handrail: ST/ST



FJ-N07

Ceiling: mirror ST/ST + acrylic lighting decoration
+ painted ST/ST

Car wall: mirror ST/ST + hairline ST/ST
+ etched ST/ST

Handrail: ST/ST flat



TH-105 (Standard)

Height 70mm
Mirror ST/ST + Black painted steel + Acrylic board + lamps
Indirect ventilation



TH-103 (Optional)

Height 70mm
Hairline ST/ST + Acrylic board + lamps
Indirect ventilation



TH-401 (Optional)

Height 100mm
Hairline ST/ST OR Mirror ST/ST + Acrylic panel
Indirect ventilation



TH-402 (Optional)

Height 100mm
Hairline ST/ST OR Mirror ST/ST + Acrylic panel
Indirect ventilation



TH-403 (Optional)

Height 100mm
Hairline ST/ST OR Mirror ST/ST + Acrylic panel
Indirect ventilation



TH-404 (Optional)

Height 100mm
Hairline ST/ST OR Mirror ST/ST + Acrylic panel
Indirect ventilation



SC-101 (for wide car)

Height 100mm;
Silver gray painted steel + Acrylic panel;
Direct ventilation



SC-103 (for deep car)

Height 100mm;
Silver gray painted steel + Acrylic panel;
Direct ventilation



SC-104

Height 100mm;
Hairline OR Mirror ST/ST + Acrylic panel;
Direct ventilation; Emergency exit Available



SC-203

Height 150mm;
Hairline OR Mirror ST/ST + LED lamps;
Indirect ventilation



HSET-1601

Brushed S.S. + Mirror Polished S.S. + LED Spotlight



HSET-1602

Painted Steel + Brushed S.S. + LED Spotlight + LED Square Spotlight



HSET-1603

Painted Steel + Brushed S.S. + Mirror Polished S.S. +
Acrylic + LED Downlight



HSET-1604

Painted Steel + Brushed S.S. + Acrylic + LED Spotlight



HSET-1605

Painted Steel + Brushed S.S. + LED Spotlight



HSET-1606

Painted Steel + Brushed S.S. + LED Spotlight



HSET-1607

Brushed S.S. + Acrylic + LED Spotlight



HSET-1608

Brushed S.S. + Acrylic + LED Spotlight

 <p>HSET-1609</p> <p>Brushed S.S. + Acrylic + LED Spotlight</p>	 <p>HSET-1610</p> <p>Golden Mirror Polished S.S. + Acrylic + LED Spotlight</p>
 <p>HSET-1611</p> <p>Mirror Polished S.S. + Aluminum Grid + LED Spotlight</p>	 <p>HSET-1612</p> <p>Stoved Varnishing Steel + Mirror Polished S.S. + Silver Foil Veneer + LED Spotlight + Strip Lighting</p>
 <p>HSET-1613</p> <p>Brushed S.S. + Mirror Polished S.S. + Spotlight + Strip Lighting</p>	 <p>HSET-1614</p> <p>Brushed S.S. + Acrylic</p>
 <p>HSET-1615</p> <p>Painted Steel + Brushed S.S. + LED Spotlight + Strip Lighting</p>	 <p>HSET-1616</p> <p>Brushed S.S. + Acrylic + LED Spotlight</p>

Classic Series



FOB320 COB320

(Hairline ST/ST, Dot-matrix LED)

FOB321 COB321

(Hairline ST/ST, Blue Segment LCD)



FOB310 COB310E

(Hairline ST/ST, Dot-matrix LED, COB Semi-Extruded)
(Optional: Hairline ST/ST, Blue Segment LCD, COB Semi-Extruded)

FOB330 COB330

Hairline ST/ST, Dot-matrix LED, Semi-Extruded)

FOB331 COB331

(Hairline ST/ST, Blue Segment LCD, Semi-Extruded)



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Extra-Height Series



FOB901 COB901

(Hairline ST/ST, Dot-matrix LED)



FOB902 COB902

(Mirror ST/ST, Dot-matrix LED)



FOB903 COB903

(Hairline ST/ST, Blue Segment LCD)



FOB904 COB904

(Mirror ST/ST, Blue Segment LCD)

DISPLAY for COP ▼



Dot-matrix LED (STANDARD)



Blue Segment LCD



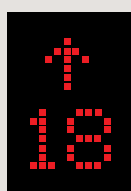
8 inch/10 inch colored LCD



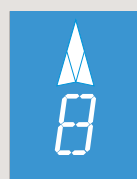
7 inch colored LCD

The colored LCD display only can be used on COB050.

DISPLAY for FOB ▼



Dot-matrix LED (V) (STANDARD)



Blue Segment LCD (V)



Blue Segment LCD (H)












Dot-matrix LED (H)



4.3 inch colored LCD

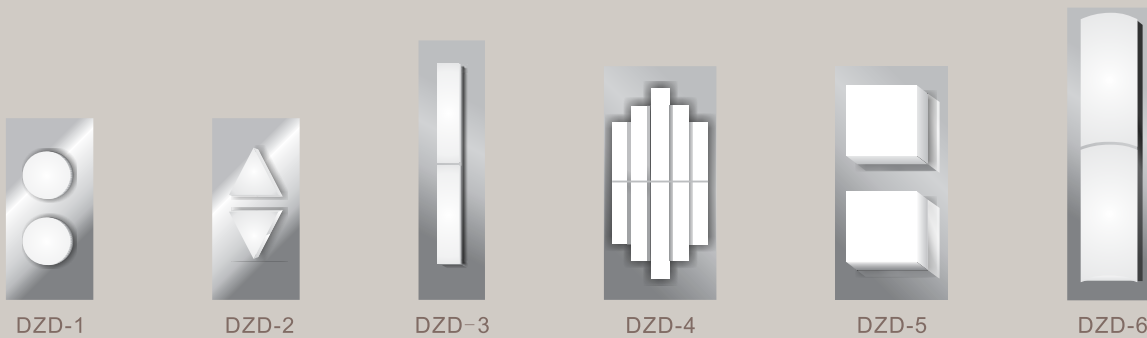
NOTE: Dot-Matrix is as standard

*All images here are for reference only, and the actual products shall prevail.

Relief marking with brushed stainless steel finish	 PB330	 PB210	 PB212	 PB220	 PB280	 PB290	 PB300	 PB340
Relief marking with braille. stainless steel finish	 PB241	 PB261	 PB341					
Flash marking stainless steel finish.	 PB270							
Braille tag mounted next to the button.	 PB311							

NOTE:PB330 is as standard. Buttons in different illumination colors available: White, blue, yellow and orange.
*All images here are for reference only, and the actual products shall prevail.




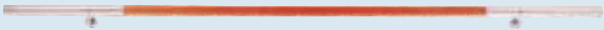
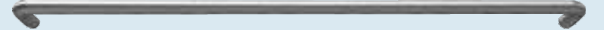
HALL LANTERN ▼



Hall Lantern Type	Faceplate Size
DZD-1	100*260mm
DZD-2	100*260mm
DZD-3	90*340mm
DZD-4	150*300mm
DZD-5	145*300mm
DZD-6	120*400*17mm (wall mounting)

NOTE:Faceplate material is Hairline Stainless Steel as standard.
The color of lantern, material of faceplate can be customized.

Car Ceiling/Handrail/Indication system

Type		Material	Specification (mm)
HC-001 (Optional)		Stainless steel, single round	Ø 38
HC-002 (Optional)		Stainless steel, double round	Ø 22
HC-003 (Optional)		ST/ST.flat	80×6
HC-102 (Optional)		ST/ST +Wood	Ø 38
HC-104 (Optional)		ST/ST.round	Ø 38

Car Wall & Door Materials

Standard
(Painted Steel)



RAL7035



RAL7040



RAL9006



RAL9004



RAL9010



RAL1015



RAL5012



RAL5020

Optional
(Stainless Steel)



HS-001
Hairline ST/ST



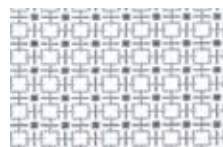
HS-002
Mirror ST/ST



ES-002
Etched ST/ST



ES-003
Etched ST/ST



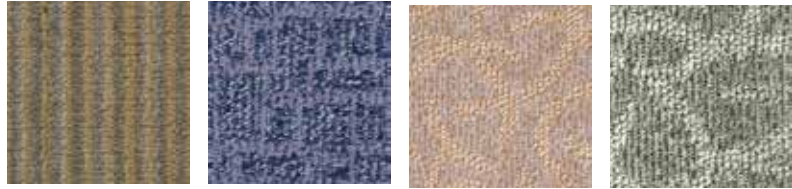
ES-004
Etched ST/ST



ES-005
Etched ST/ST

Floor

PVC tile



251-8 261-10 711-2 711-5

Carpet-like style
(PVC)



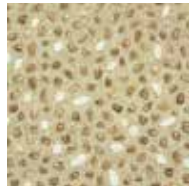
B-308 B-358 B-638

Marble-like style
(PVC)



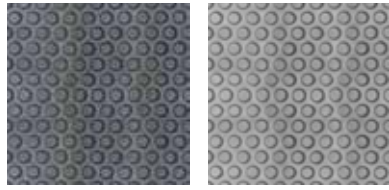
701A CP-3 TM-7461A 1661-D25

Embossed Stone
Style (PVC)



ES-2

Rubber Floor



Black Gray

Checked Metal
Floor



Checked Aluminum Checked ST. (painted)

ELEVATOR Features and Functions Instruction

■ STANDARD PROTECTION

- **Over voltage protection**
Once power source voltage exceeds 120%, the motor will be protected against damages.
- **Phase monitoring protection**
Once power supply is short of any phase, the motor will be protected against damages.
- **Motor over current protection**
Once current output to motor is over a set value, the motor will be protected against damages.
- **Motor overheat protection**
Once motor winding temperature is over a set value, the motor will be protected against damages.
- **Encoder fault protection**
Once encoder has fault, the motor will stop running immediately.
- **Contact adhere monitoring protection**
System will monitor the contacts of contactors, if abnormal, the next running will not be allowed until the problem is resolved.
- **Over speed protection**
Once lift is running under over speed, lift will be stopped by electrical control system immediately.
- **Anti-reversal protection**
Once the running direction monitored by encoder is not same as actual running direction, lift will stop running immediately.
- **Over running time protection**
Once one trip running time exceeds a set time (running time for one trip from lowest floor to top floor), motor power will be cut to prevent motor working under abnormal situation.
- **Terminal switch protection**
Prevent the elevator from traveling beyond a terminal landing.
- **Car overload protection**
When car load exceeds rated load, lift will hold stop with door open at the floor and the buzzer alarms and overload lighting illuminated.

■ STANDARD FUNCTION

- **Auto-parking**
If no call during a set time, car will return to nominated main floor and wait for new calls.
- **Full load no stop**
When car load exceeds 80% (adjustable) of rated load, it ignores all hall calls to avoid useless stop and increase the efficiency of transportation. These ignored calls will be registered but responded in next trip (simplex) or other lift (group control)
- **Door open & close time adjustment**
Door open and close times are automatically adjusted depending on whether the call cause the door open and close is a car call or hall car or door call.
- **Jammed hall button detection**
If a hall button is jammed mechanically, this hall call will be automatically bypassed after being served once, until the problem is resolved.
- **Next landing**
When lift arrives at a floor but the doors can't be fully opened, the lift will go to the nearest floor and open the door.
- **Safe landing**
When lift stops at the locking door zone by fault, lift will go to the

nearest floor under lower speed and open the door.

- **Car emergency lighting**
When normal lighting power supply fails, car emergency lighting on COP will be illuminated by emergency power source.
- **Emergency Alarm button**
When passenger trapped in car, press the button, the buzzer will alarm.
- **Intercom system**
This system allows the intercommunication between car, car top and pit to machine room (controller) or supervisor's room.
- **Fault record**
Controller will record latest 11 faults information include fault code, time and floor, and it will record the details of last fault.
- **Car fan shut Down control automatically**
Car fan will be shut down automatically if no more calls are registered after a set time.
- **Car fan switch on COP**
Car ventilation fan could be put into or out of service by this key switch on COP. It will be cancelled when "COP Window" optional function is selected.
- **Floor number setting**
Each floor display number could be set by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, G, H, L, M, P, R.

■ ALTERNATIVE FEATURE

- **Selective collective operation**
Standard: Full collective (UP & DN hall call buttons on FOB)
Option: Down collective (DN hall call button on FOB)
- **Car group control**
Standard: Simplex
Option: a. Duplex, b. Triplex, c. Quadruplex
- **Door safety device**
Standard: 2D light curtain
Option: a. 3D light curtain, b. 2D light curtain with safety edges, c. 3D light curtain with safety edges
- **Hall indicator**
Standard: Dot matrix LED
Option: a. Segment LCD, b. without indicator
- **Hall indicator position**
Standard: mixed with call buttons
Option: above door, separately (standard when EN81-70 required)
- **Car indicator**
Standard: Dot matrix LED indicator
Option: a. Segment LCD, b. Blue LCD (5 inch), c. Colored LCD (8 inch), d. Colored LCD (10 inch).

■ INTERFACE

- **Remote control interface-parking shutdown**
Lift could supply an input interface (dry contact) for parking function, and user could use it to park the lift and put it out of service or put it into service.
- **Remote monitor interface-4 dry contacts**
System could supply 4 dry contacts to output the basic signals of lift operation include AUTO, INSPECTION, FAULT and PARKING for remote monitoring.
- **Video cable in car**
The cable is used for video camera (by others) installed in the car.



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● Audio cable in car

The cable is used for audio broadcaster (by others) installed on car top.

● RS485 interface

1 RS485 port in control panel, can monitor:

- 1) elevator travel direction, current landing,
- 2) door status "open", "close",
- 3) elevator status "normal", "inspection", "fire return", "trip", "attendant", "over load", "full load", "fire return", "service off", "door lock", "safe loop"
- 4) trip code

provide a rs485 port and protocol document.

● Remote monitoring system

Monitoring system based on RS485 interface. Same monitor information as RS485 interface.

SJEC provide monitoring hardware and monitoring software in PC. Cables between elevator and monitoring room and PC by customer.

■ Optional Function

● Car emergency exit (trap door in car roof)

It is used to rescue the trapped passenger in car. It could be opened from outside of car without a key and inside with a triangle key.

When this function selected, the car ceiling must be selected from Th40* series.

● Door lock circuit bypass monitoring protection

Door locks circuit will be monitored, once it is shorted, the lift will not be possible to run under "Normal" mode

● False car call canceling

False car call could be cancelled by press the same floor button twice continuously.

● Anti-nuisance operation

Once the registered car calls is more than the passenger numbers weighed by weighing device, all the car calls will be cancelled automatically.

● ARD (automatic rescue device)

When power failure, lift will go to the nearest possible floor, open the door and release the passengers automatically.

● Machine brake release lever

When power failure, the machine brake can be released by brake release lever in order to let the car go to the nearest floor.

This function is a standard function for MRA. It's not available for S810.

● Locking door zone alarm

When lift stops at the locking doors zone by fault and can't operate Safe Landing, the buzzer will alarm.

● Power saving device -Energy feedback

This device will feedback the energy produced by lift system to the power supply when running in brake mode. It could save power about 30%~70% depends on different type and capacity of lift.

● COP window

Six button/switches in this window:

- a. Independent operation switch: When IND switch turns to "ON", the lift ignores all hall calls and only responds to car call, after complete the running required by the last car call, it keeps door fully open on landing.
- b. Door open holding button: The door keeps open for a set time (adjustable, maximum 1000S) after press this button.
- c. Car lighting switch: turn on/off the power supply of car lighting
- d. Car fan switch: turn on/off the power supply of car fan
- e. Attendant operation: the lift will be operated by an attendant.
- f. Non-stop running: Under attendant operation, press this button, lift will ignore hall calls and go to the nearest registered car call floor.

● False hall call canceling

False hall call could be cancelled by press the same call button twice continuously (in 0.5S).

● Auxiliary COP

Another COP without or with indicator in car.

● Fire return (Phase I)

When lift receives a fire alarm signal, it will stop running and directly return to nominated floor with door fully opened and out of normal service.

Fire alarm signal could be sent by the fire return switch on nominated floor or the building fire alarm system.

System could output a signal to building fire alarm system when car returns to main floor.

● Fireman operation (Phase II)

When fire happened, the lift will be operated by fireman(s), operation controls follow EN81-72.

This operation will be turned on by the triangle switch on nominated main floor.

● Parking shutdown switch

Two positions switch on FOB of nominated floor. On "STOP" position, all registered calls will be cancelled and the lift will go to nominated floor with door open after landing. After a set time, it will close the door and out of service. The cancelled calls will be registered on other lift (if group control). On "RUN" position, lift will turn back to service.

● Car arrival gong - on car/halls

The audible signal informs the waiting passengers of the lift arriving and next running direction (different sound for UP and DN). The gong could be mounted on car or halls. When optional function "Voice synthesizer" is selected, this function is not needed.

● Hall lantern

It indicates passengers waiting at a floor about the travel direction of arriving car.

● IC card device - car call authorizer

Only after register by IC card, the car call(s) could be registered. Which means passenger without IC card can't use the lift.

● IC card device - hall call authorizer

Only after register by IC card, the car call(s) could be registered. Which means passenger without IC card can't call the lift on this floor.

● Voice synthesizer

The system provides audio information about car operation (arriving floor & running direction) to passengers. English language as standard, if other foreign language required, voice document in MP3 format should be supplied.

This device includes the function of "arrival gone".

● Features used for handicap lift (comply with EN81-70)

All features comply with EN81-70, but auto-dialer and intercom system should be supplied by others.

- a. button with tactile, Braille and sound
 - b. Push button and indicator position follow EN81-70
 - c. Half height mirror (safety glass) on rear side (or by others)
 - d. Handrail on rear side
 - e. Voice synthesizer
 - f. Interface for auto-dialer and intercom
- All features must be selected together
- Features used for Handicap lift (not follow EN81-70)
 - a. Half height mirror (normal glass) on rear side
 - b. Handrail(s)
 - c. button with tactile, Braille and sound
 - d. Handrail shape COB
 - e. Voice synthesizer

Each feature could be selected separately.



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We reserve the right to alter some of the specifications and description given herein without prior notice

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