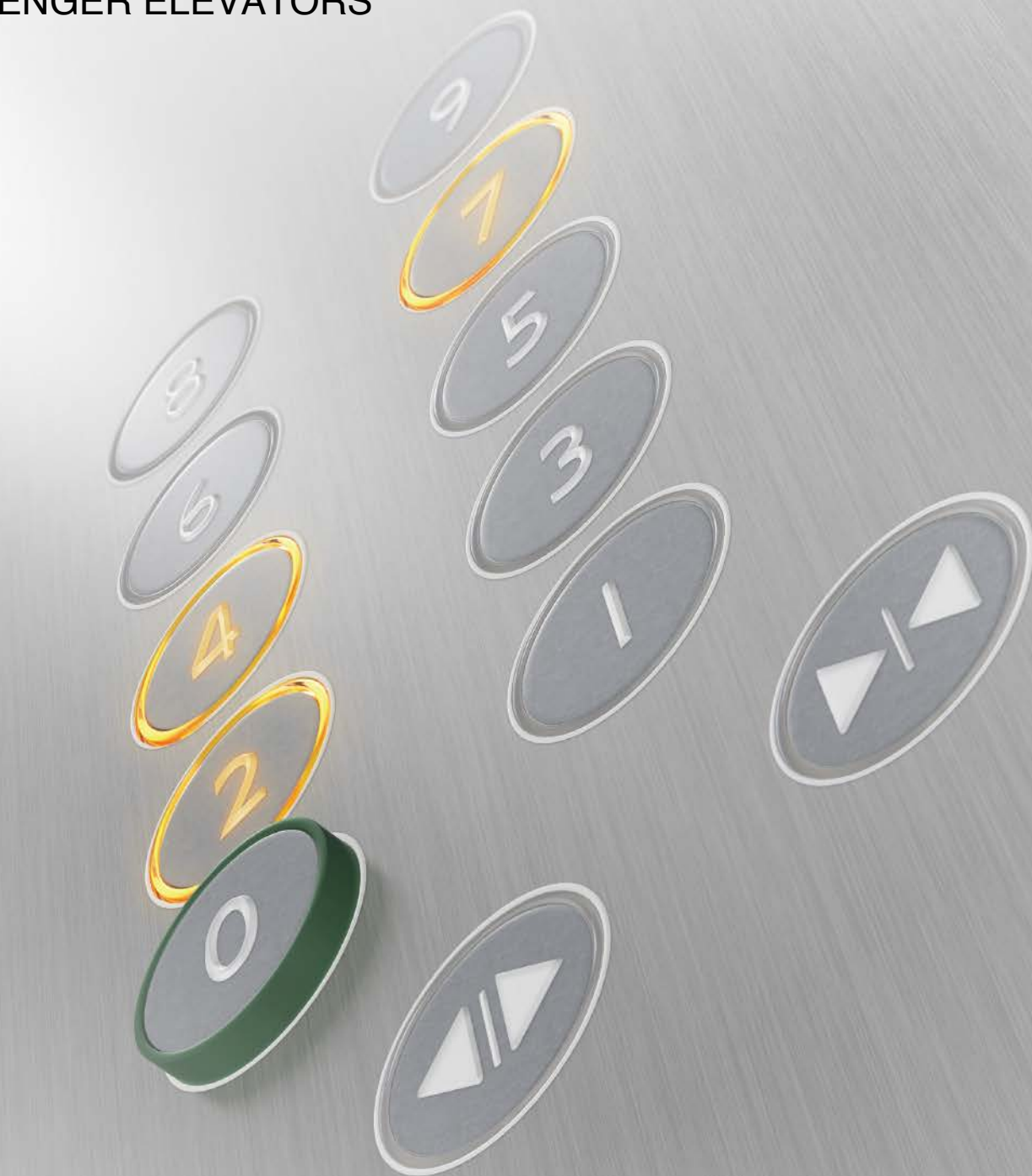


## PASSENGER ELEVATORS



# DESIGN GUIDE

Ceiling Design

Signal Fixtures

Interior

Hall Design

Observation Cars

Materials and Colors

# Contents



## Car Design 2-12

-  Ceiling Variation & Car Finish 3-9
-  Interior 10
-  Car Operating Panels 11-12



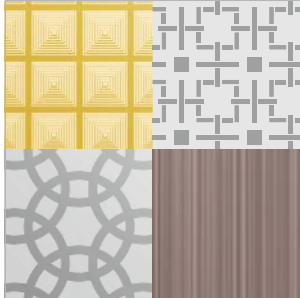
## Hall Design 13-18

-  Entrance Finish 14
-  Hall Signal Fixtures 15-16
-  Signal Fixtures for DOAS 17-18

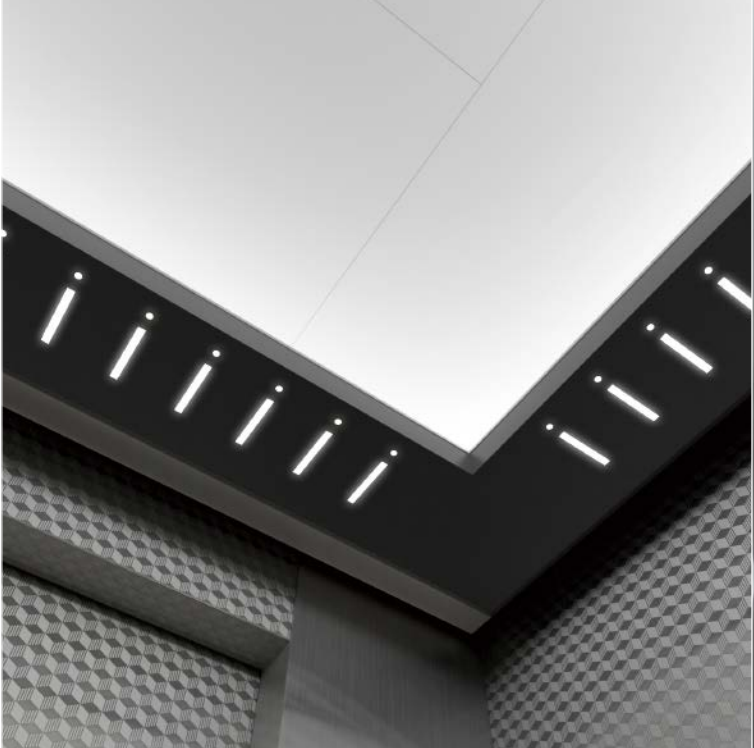


## Observation Cars 19-20

NEXIEZ - MRL Only



## Materials and Colors 21-22





L210

Sophisticated atmosphere created by downlights and shadows



Car Design Example

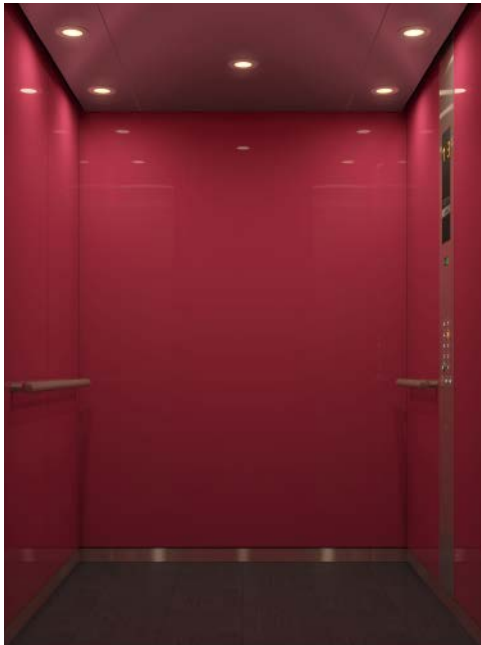
- Ceiling ————— Panel: L210 (in above image) – Painted steel sheet [Y055: Dark gray] or L210S (optional) – Stainless-steel, hairline-finish  
Lighting: Downlights (LEDs)
- Walls ————— Colored stainless-steel, hairline-finish (Bronze)
- Transom panel ————— Colored stainless-steel, hairline-finish (Bronze)
- Doors ————— Colored stainless-steel, hairline-finish (Bronze)
- Front return panels ————— Stainless-steel, hairline-finish
- Kickplate ————— Stainless-steel, hairline-finish
- Flooring ————— PR812: Dim-gray
- Car operating panel ————— CBV1-N732
- Handrail ————— YH-59S (three sides)
- Mirror ————— None

Design Change Variations

- Ceiling (L210S) — Panel: **Stainless-steel, hairline-finish**
- Walls ————— **Stainless-steel, hairline-finish**
- Flooring ————— PR812: Dim-gray
- Handrail ————— YH-59S (**three sides**)
- Mirror ————— None



- Ceiling (L210S) — Panel: **Stainless-steel, hairline-finish**
- Walls ————— **Painted steel sheet [Y014: Red-violet]**
- Flooring ————— PR812: Dim-gray
- Handrail ————— **YH59S (both sides)**
- Mirror ————— None



- Ceiling (L210) — Panel: Painted steel sheet [Y055: Dark gray]
- Walls ————— **Stainless-steel, hairline-finish with etched pattern (EPA-2)**
- Flooring ————— **PR810: Ocher**
- Handrail ————— YH-59S (three sides)
- Mirror ————— **YZ-52A (Half-size)**



- Ceiling (L210) — Panel: Painted steel sheet [**Y033: White**]
- Walls ————— **Painted steel sheet [Y033: White]**
- Flooring ————— **PR803: Gray**
- Handrail ————— **YH-59M (three sides)**
- Mirror ————— **YZ-55SN (Full height)**

L400

Softly lit illuminated ceiling with a sparkling slitted frame



Car Design Example

- Ceiling (L400) ——— Panel: Painted steel sheet [Y055: Dark gray]  
Lighting: Indirect lighting (LEDs)
- Walls ——— Stainless-steel, hairline-finish with etched pattern (EPA-4)
- Transom panel ——— Stainless-steel, hairline-finish with etched pattern (EPA-4)
- Doors ——— Stainless-steel, hairline-finish with etched pattern (EPA-4)
- Front return panels ——— Stainless-steel, hairline-finish
- Kickplate ——— Stainless-steel, hairline-finish
- Flooring ——— PR810: Ocher
- Car operating panel ——— CBV3-N712
- Handrail ——— YH-59M (three sides)
- Mirror ——— None

■ Design Change Variations

- Ceiling (L400) ——— Panel: Painted steel sheet [Y055: Dark gray]
- Walls ——— **Colored stainless-steel, hairline-finish with etched pattern (Gold EPA-1)**
- Flooring ——— **PR812: Dim-gray**
- Handrail ——— **YH59G (both sides)**
- Mirror ——— **YZ-55SN (Full height)**



- Ceiling (L400) ——— Panel: Painted steel sheet [Y055: Dark gray]
- Walls ——— **Painted steel sheet [Y055: Dark gray]**
- Flooring ——— **PR803: Gray**
- Handrail ——— **YH-59M (three sides)**
- Mirror ——— **YZ-55SN (Full height)**



- Ceiling (L400) ——— Panel: Painted steel sheet [**Y073: Light beige**]
- Walls ——— **Stainless-steel, mirror-finish**
- Flooring ——— **PR812: Dim-gray**
- Handrail ——— **YH-59S (three sides)**
- Mirror ——— None



- Ceiling (L400) ——— Panel: Painted steel sheet [Y055: Dark gray]
- Walls ——— **Painted steel sheet [Y071: Neutral beige]**
- Flooring ——— **PR812: Dim-gray**
- Handrail ——— **YH-59S (three sides)**
- Mirror ——— **YZ-52A (Half-size)**



N300

Terraced design with illusion of increased ceiling height



Car Design Example

- Ceiling ————— Panel: N300 (in above image) – Painted steel sheet [Y033: White] or N300S (optional) – Stainless-steel, hairline-finish
- Lighting: Central indirect lighting and downlights
- Walls ————— Painted steel sheet [Y016: Light brown]
- Transom panel ————— Painted steel sheet [Y016: Light brown]
- Doors ————— Painted steel sheet [Y016: Light brown]
- Front return panels ————— Stainless-steel, hairline-finish
- Kickplate ————— Stainless-steel, hairline-finish
- Flooring ————— PR803: Gray
- Car operating panel ————— CBV3-N732
- Handrail ————— YH59S (both sides)
- Mirror ————— YZ-55SN (Full height)

■ Design Change Variations

- Ceiling (N300S) — Panel: **Stainless-steel, hairline-finish**
- Walls ————— **Stainless-steel, hairline-finish**
- Flooring ————— PR803: Gray
- Handrail ————— **YH-59M (three sides)**
- Mirror ————— **None**



- Ceiling (N300) — Panel: **Painted steel sheet [Y033: White]**
- Walls ————— **Stainless-steel, hairline-finish with etched pattern (EPA-3)**
- Flooring ————— **PR812: Dim-gray**
- Handrail ————— YH59S (both sides)
- Mirror ————— **None**



- Ceiling (N300) — Panel: Painted steel sheet [Y033: White]
- Walls ————— Painted steel sheet [**Y116: Blue**]
- Flooring ————— **PR812: Dim-gray**
- Handrail ————— **YH-59S (three sides)**
- Mirror ————— YZ-55SN (Full height)



- Ceiling (N300) — Panel: Painted steel sheet [Y033: White]
- Walls ————— Painted steel sheet [**Y004: Beige**]
- Flooring ————— PR803: Gray
- Handrail ————— **YH-59S (three sides)**
- Mirror ————— **YZ-53A (2-mirror set)**

S00

Standard

Simple and easy to coordinate with various car designs



Car Design Example

- Ceiling (S00) ——— Panel: Painted steel sheet [Y033: White] with a milky white resin lighting cover
- Lighting: Central lighting
- Walls ——— Stainless-steel, hairline-finish
- Transom panel ——— Stainless-steel, hairline-finish
- Doors ——— Stainless-steel, hairline-finish
- Front return panels — Stainless-steel, hairline-finish
- Kickplate ——— Aluminum
- Flooring ——— PR803: Gray
- Car operating panel — CBV1-N712
- Handrail ——— YH-59S (three sides)

FE10

Ceiling with emergency trap door for EN81-72

NEXIEZ-MRL Only



\*Not applicable to observation car.

Note: This ladder will be used for rescue operation in case of an emergency.

Car Design Example

- Ceiling (FE10) ——— Panels: [Center] Painted steel sheet [Y033: White] with emergency trap door [Side] Milky white resin panels
- Lighting: Lighting on both sides

Actual colors may differ slightly from those shown.

Mirrors



YZ-52A  
Half-size



YZ-53A  
2-mirror set



YZ-55SN  
Full height

Handrails



YH-59S  
(Stainless-steel, hairline-finish)



YH-59M  
(Stainless-steel, mirror-finish)

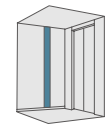


YH-59G  
(Stainless-steel, mirror-finish [Gold])



YH-57S  
(Stainless-steel, hairline-finish)

Actual colors may differ slightly from those shown.



For EN81-70

Segment LED indicator

Dot LED indicator

LCD indicator

Standard

CBV■-N712 \*1, 2, 4  
(CBV■-N717) \*1, 2, 3, 4

CBV■-N722 \*1, 2  
(CBV■-N727) \*1, 2, 3

CBV■-N732 \*1, 2  
(CBV■-N737) \*1, 2, 3

For EN81-72 and EN81-70

Segment LED indicator

Dot LED indicator

LCD indicator

Keypad type for EN81-70

LCD indicator

CBV■-N718 \*1, 2, 4

CBV■-N728 \*1, 2

CBV■-N738 \*1, 2

NEXIEZ-MR/NexWay-S Only  
CBV■-N229S

Button line-up

Standard

Yellow-orange

White

Blue

8

8

8

CBV1

CBV3

CBV5



Stainless-steel matte buttons with white ring

- Numbers: Flat
- Star: Tactile
- Minus: Tactile

Notes:

\*1: The symbol ■ is replaced with a number representing illumination color (e.g., CBV1, CBV3, etc.). Please refer to page 11 for illumination colors.

\*2: Faceplates with stainless-steel, mirror-finish are also available (optional). Please consult our local agents for details.

\*3: The type in parentheses ( ) shows an auxiliary car operating panel (optional). The design is slightly different from the above images. Please consult our local agents for further information such as installation location.

\*4: Some letters of the alphabet are not available. Please consult our local agents for details.



# Hall Design

## Entrance Finish

E-102

Narrow Jamb

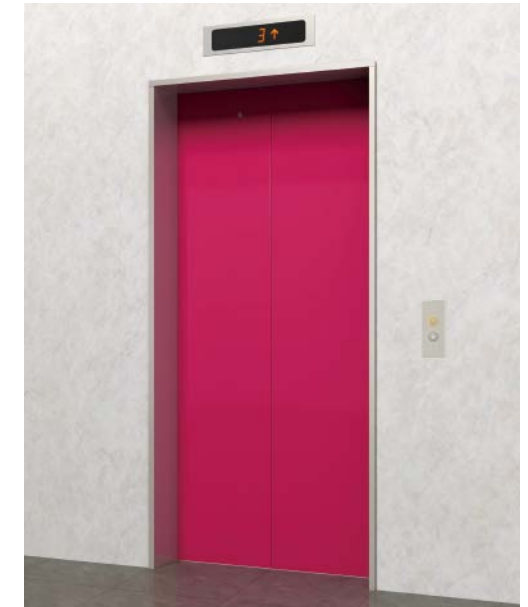
Standard



Entrance Design Example

Jamb — Stainless-steel, hairline-finish  
Doors — Stainless-steel, hairline-finish  
Hall position indicator and button — PIV1-A1010N **Boxless**

E-202 Square Jamb / E-302 Splayed Jamb



Entrance Design Example of E-302

Jamb — Stainless-steel, hairline-finish  
Doors — Painted steel sheet (Y014: Red-violet)  
Hall position indicator — PIH-D417  
Hall button — HBV1-C710N

E-212

Square Jamb with Transom Panel

E-312

Splayed Jamb with Transom Panel



Entrance Design Example of E-312

Jamb — Stainless-steel, hairline-finish  
Transom panel — Stainless-steel, hairline-finish  
Doors — See-through doors  
Hall lantern — HLV-A31S  
Hall button — HBV1-C710N



Entrance Design Example of E-312

Jamb — Stainless-steel, hairline-finish  
Transom panel — Stainless-steel, hairline-finish  
Doors — SUS-HL  
Hall position indicator — PID-D417  
Hall button — HBV1-C710N

Actual colors may differ slightly from those shown.



Hall position indicators and buttons

Segment LED indicator<sup>\*1,2</sup>  
With plastic case

Standard

PIV-A1010N<sup>\*3</sup> Boxless

PIV-A1010B

Standard

PIV-A1020N<sup>\*3</sup> Boxless

PIV-A1020B

Segment LED indicator<sup>\*1</sup>

PIV-C710N<sup>\*3,4,5</sup>

PIV-C720N<sup>\*3,4</sup>

LCD indicator

PIV-C766N<sup>\*3,4,5</sup>

PIV-C776N<sup>\*3,4</sup>

Dot LED indicator

PIV-C730N<sup>\*3,4,5</sup>

PIV-C740N<sup>\*3,4</sup>

Hall buttons

With plastic case

HBV-A1010N<sup>\*3</sup> Boxless

HBV-A1010B<sup>\*3</sup>

HBV-C710N<sup>\*3,4,5</sup>

Button line-up<sup>\*5</sup>

Standard

Illumination colors

Yellow-orange

White

Blue

Tactile

PIV1/HBV1

PIV3/HBV3

PIV5/HBV5

Notes:  
\*1: Some letters of the alphabet are not available. Please consult our local agents for details.  
\*2: Dot LED indicators are available (optional). Please consult our local agents for details.  
\*3: The symbol ■ is replaced with a number representing illumination color (e.g., PIV1, PIV3, etc.). Please refer to button line-up on this page for illumination colors.  
\*4: Faceplates with stainless-steel, mirror-finish are also available (optional). Please consult our local agents for details.  
\*5: These hall position indicators and buttons, or hall buttons are applicable to EN81-70 compliant elevators. The images shown here are the EN81-70 compliant type. However, the hall position indicators and buttons are not applicable to EN81-70 compliant elevators in multi-car group control.  
\*6: Only elevators status messages are available.

Hall lanterns

HLV-A31S

HLH-A31S

HLV-A16S

HLH-A16S

LCD position indicator

PIH-C117 (5.7-inch)

LCD information displays

PIH-C216 (10.4-inch)<sup>\*6</sup>

PIH-C226 (15-inch)<sup>\*6</sup>

Hall position indicators

PIH-D415  
(Dot LED indicator)

PIH-D417  
(Segment LED indicator)

PID-D417<sup>\*2</sup>  
(Built into transom panel)

Hall position indicator with lantern

PIE-B47<sup>\*2</sup>

Cross-section of boxless fixtures

These hall signal fixtures can be easily mounted on the wall surface without having to cut into the wall to embed the back box.

Car Design | Hall Design | Observation Cars (Inexzmit Only) | Materials and Colors

15

Actual colors may differ slightly from those shown.

16



• Hall operating panels

10.1-inch touchless screen

With Audio guidance

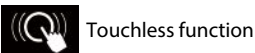


HSP-A21N

With card reader<sup>\*2</sup>  
+ Audio guidance



HSP-A26N



Passengers can register a destination floor by holding the finger over a button without touching it.

Pedestal type

With pedestal is available as optional. Please consult our local agents for details.



HSP-P21N / HSP-P26N  
(With card reader)

10.1-inch touchscreen

With Audio guidance



HSP-C13A

With card reader<sup>\*2</sup>  
+ Audio guidance



HSP-C18A

Keypad

Dot LED display



HSVF-C212

With Audio guidance



HSVF-C222

5.7-inch LCD display



HSVF-C264

With Audio guidance



HSVF-C274

Stainless-steel matte buttons  
• Numbers/Minus: Flat  
• Star: Tactile

With Audio guidance



HSVF-C232

With card reader<sup>\*2</sup>  
+ Audio guidance



HSVF-C233

With Audio guidance



HSVF-C284

With card reader<sup>\*2</sup>  
+ Audio guidance



HSVF-C285

Stainless-steel matte buttons with white ring  
• Numbers: Flat  
• Star/Minus/Accessibility symbol: Tactile

• Hall lantern with elevator number plate



HLV-E116S



HLF-A10  
HLF-A11 (With chime)

• Car operating panels with destination floor indicator



CBU2-C739

Notes  
\*1: Please consult our local agents for the production terms, etc.  
\*2: Card reader is to be supplied by customer. Please consult our local agents for details.

For details of designs and other options, refer to the ΣAI-2200C brochure





# Observation Cars

NEXIEZ-MRL Only

## Natural light gives the car a spacious atmosphere



- |                     |                                  |                     |  |
|---------------------|----------------------------------|---------------------|--|
| Ceiling             | L210S                            | Doors               | Stainless-steel, hairline-finish with glass window |
| Lighting            | Downlights (LEDs)                | Front return panel  | Stainless-steel, hairline-finish                   |
| Mullions (interior) | Stainless-steel, hairline-finish | Kickplate           | Stainless-steel, hairline-finish                   |
| Mullions (exterior) | Painted finish (N5.5: gray)      | Flooring            | PR812: Dim-gray                                    |
| Windows             | Transparent flat glass           | Car operating panel | CBV1-N712  |
| Glass frames        | Aluminum                         | Handrail            | Stainless-steel, hairline-finish (YH-55S)          |
| Transom panel       | Stainless-steel, hairline-finish |                     |  |

## Glass Arrangements



NY-30A  
Rear & both sides



NY-30B  
Rear



NY-30C  
Both sides



NY-30D  
Rear & one side





NY-30E  
Rear & one side

Actual colors may differ slightly from those shown.

[Car] Walls, doors and transom panel

Colored stainless-steel, hairline-finish






Gold

Bronze

Etching patterns (gold or bronze)



\*Please refer to the etching finish pattern book, EFA1, for details.



EPA-1

EPA-2

EPA-3



Non-etched surface

Etched surface

Flooring

Durable vinyl tiles



PR803  
Gray



PR812  
Dim-gray



PR801  
Cream beige



PR810  
Ocher

Ceiling

Painted steel sheet



Y033  
White




Y073  
Light beige



Y055  
Dark gray



Stainless-steel Hairline-finish

(Applicable to L210S or N300S only)



[Car] Walls, doors and transom panel  
[Hall] Doors, transom panel and jamb

Stainless-steel









Hairline-finish

Mirror-finish (Not applicable to the hall transom panel and jamb.)

Etching patterns (stainless-steel)

\*Not applicable to the jamb, please refer to the etching finish pattern book, EFA1, for details.



EPA-1



EPA-2

EPA-3

EPA-4

EPA-5





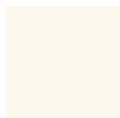
EPA-6



Non-etched surface

Etched surface

Painted finish Neutral Colors



Y033  
White




Y004  
Beige

Y071  
Neutral beige

Y002  
Dark brown

Y055  
Dark gray

Cool Colors






Y117  
Lime green

Y118  
Light grayish blue

Y116  
Blue

Warm Colors



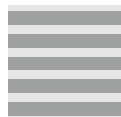





Y016  
Light brown

Y119  
Carrot orange

Y014  
Red-violet

[Hall] Doors and transom panel

Premium etching patterns \*Please refer to the etching finish pattern book, EF4, for details.



EP-A-004

EP-A-011

EP-A-021

EP-B-009

EP-D-006

EP-F-004

Car Finish Application Table

Materials/Finishes	Walls	Transom panel	Doors	Front return panels	Kickplate	Flooring	Sill
Stainless-steel, hairline-finish	Standard	Standard	Standard	Standard	Optional		
Painted steel sheet	Optional	Optional	Optional	Optional <sup>*3</sup>	Optional <sup>*4</sup>		
Stainless-steel, hairline-finish with etched pattern <sup>*1</sup>	Optional	Optional	Optional				
Colored stainless-steel, hairline-finish	Optional	Optional	Optional		Optional		
Colored stainless-steel, hairline-finish with etched pattern <sup>*2</sup>	Optional	Optional	Optional				
Stainless-steel, mirror-finish	Optional	Optional	Optional	Optional			
Aluminum					Standard		
Glass windows [1300(H)×300(W)]			Optional				
See-through doors <sup>*5</sup>			Optional				
Durable vinyl tiles (2mm thick)						Standard	
Aluminum checkered plate (3t)						Optional	
Rubber tile/carpet/marble/granite (supplied by customer)						Optional	
Extruded hard aluminum							Standard
Stainless-steel							Optional

Notes:

<sup>\*1</sup>: Etching pattern EPA-1~6 only.

<sup>\*2</sup>: Etching pattern EPA-1~3 only.

<sup>\*3</sup>: Painted steel sheet may not be available for front return panel depending on the manufacturing factory, please consult our local agents for details.

<sup>\*4</sup>: Only available in dark gray.

<sup>\*5</sup>: Only available in 2-panel center opening doors (CO).

Entrance Finish Application Table

Materials/Finishes	Jamb	Transom panel	Doors	Sill
Stainless-steel, hairline-finish (SUS-HL)	Standard	Optional	Standard	
Painted steel sheet	Optional	Optional	Optional	
Stainless-steel, hairline-finish with etched pattern (SUS-HE)		Optional	Optional	
Stainless-steel, mirror-finish (SUS-M)			Optional	
Glass windows [1300(H)×300(W)]			Optional	
See-through doors <sup>*5</sup>			Optional	
Extruded hard aluminum				Standard
Stainless-steel				Optional

Trademark Rights: Quality in Motion is a trademark of Mitsubishi Electric Corporation.

Actual colors may differ slightly from those shown.





## State-of-the-Art Factories... For the Environment. For Product Quality.

Our elevators and escalators are currently operating in approximately 90 countries around the globe. Built placing priority on safety, our elevators, escalators and building system products are renowned for their excellent efficiency, energy savings and comfort. The technologies and skills cultivated at the Inazawa Building Systems Works in Japan and 12 global manufacturing factories are utilized in a worldwide network that provides sales, installation and maintenance in support of maintaining and improving product quality. As a means of contributing to the realization of a sustainable society, we consciously consider the environment in business operations, proactively work to realize a low-carbon, recycling-based society, and promote the preservation of biodiversity.

### ISO9001/14001 certification

Mitsubishi Electric Building Solutions Corporation Inazawa Building Systems Works has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management. The plant has also acquired environmental management system standard ISO 14001 certification.

Mitsubishi Elevator Asia Co., Ltd. has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management. The plant has also acquired environmental management system standard ISO 14001 certification.



## MITSUBISHI ELECTRIC BUILDING SOLUTIONS CORPORATION

HEAD OFFICE : TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN  
[www.MitsubishiElectric.com/elevator](http://www.MitsubishiElectric.com/elevator)

**⚠ Safety Tips:** Be sure to read the instruction manual fully before using this product.