



**MITSUBISHI  
ELECTRIC**

*Changes for the Better*

for a greener tomorrow



Quality  
inMotion

PASSENGER ELEVATORS



# DESIGN GUIDE

Ceiling Design

Hall Design

Signal Fixtures

Observation Cars

Interior

Materials and Colors






Designed to European standards

# Contents





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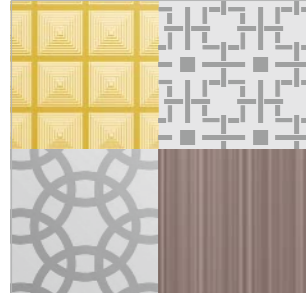


## Hall Design 14-18

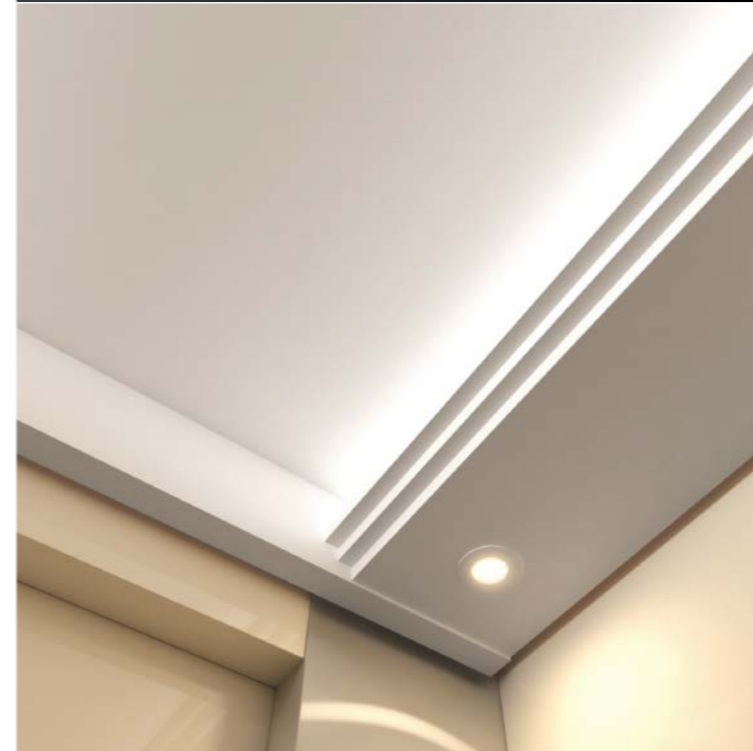
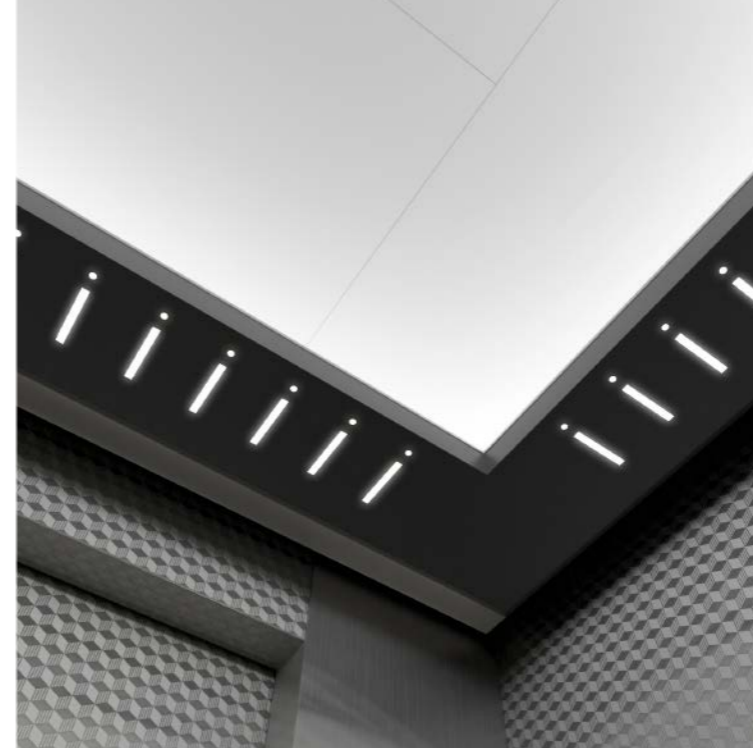
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## Observation Cars 19-20 NEXIEZ - MRL Only

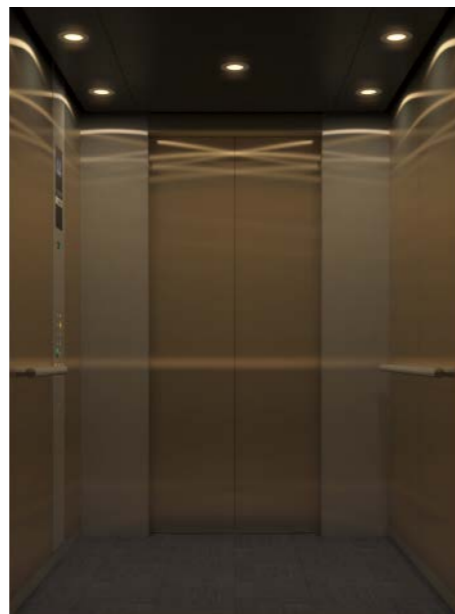


## Materials and Colors 21-22



## L210

Sophisticated atmosphere created by downlights and shadows



### Car Design Example

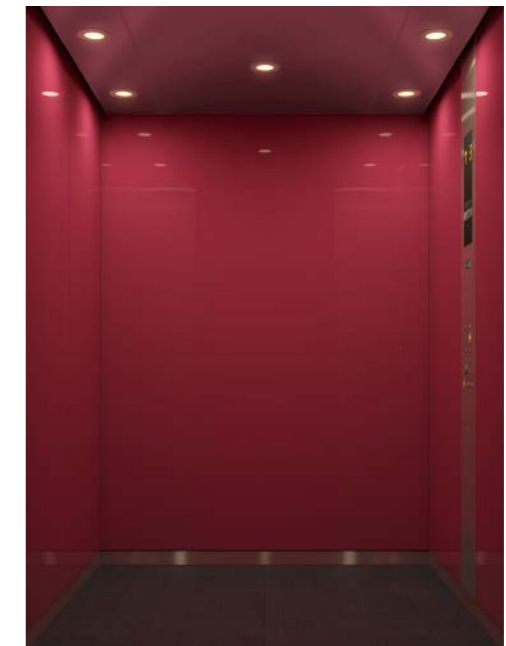
- Ceiling ————— Panel: L210 (in above image) – Painted steel sheet [Y055: Dark gray] or L210S (optional) – Stainless-steel, hairline-finish  
Lighting: Downlights (LEDs)
- Walls ————— Colored stainless-steel, hairline-finish (Bronze)
- Transom panel ————— Colored stainless-steel, hairline-finish (Bronze)
- 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

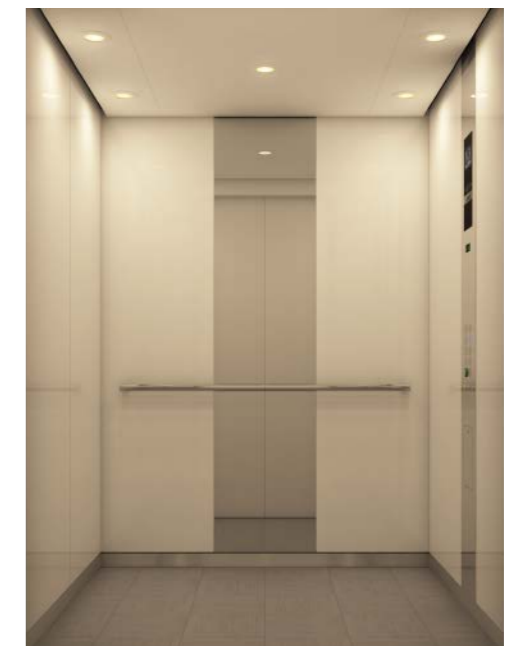
- Ceiling (L210S) — Panel: **Stainless-steel, hairline-finish**
- Walls ————— **Stainless-steel, hairline-finish**
- Flooring ————— PR812: Dim-gray
- Handrail ————— YH-59S (**rear side only**)
- Mirror ————— None



- Ceiling (L210S) — Panel: **Stainless-steel, hairline-finish**
- Walls ————— **Painted steel sheet [Y014: Red-violet]**
- Flooring ————— PR812: Dim-gray
- Handrail ————— **None**
- 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 (rear side only)**
- Mirror ————— **YZ-555N (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 (rear side only)
- Mirror — None

### Design Change Variations

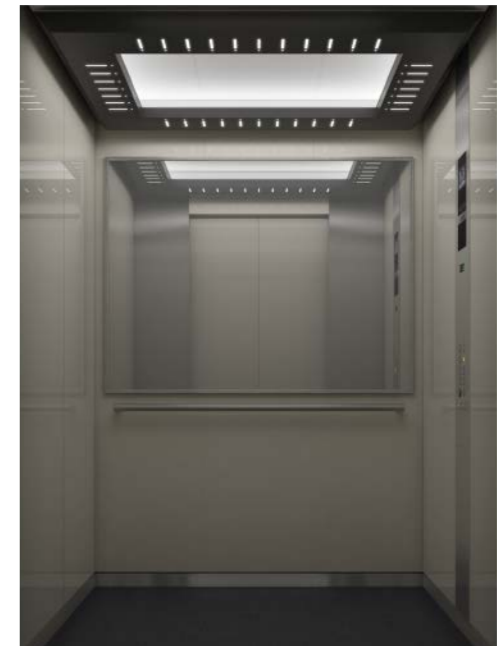
- Ceiling (L400) — Panel: Painted steel sheet [Y055: Dark gray]
- Walls — **Colored stainless-steel, hairline-finish with etched pattern (Gold EPA-1)**
- Flooring — **PR812: Dim-gray**
- Handrail — **None**
- Mirror — **YZ-55SN (Full height)**



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



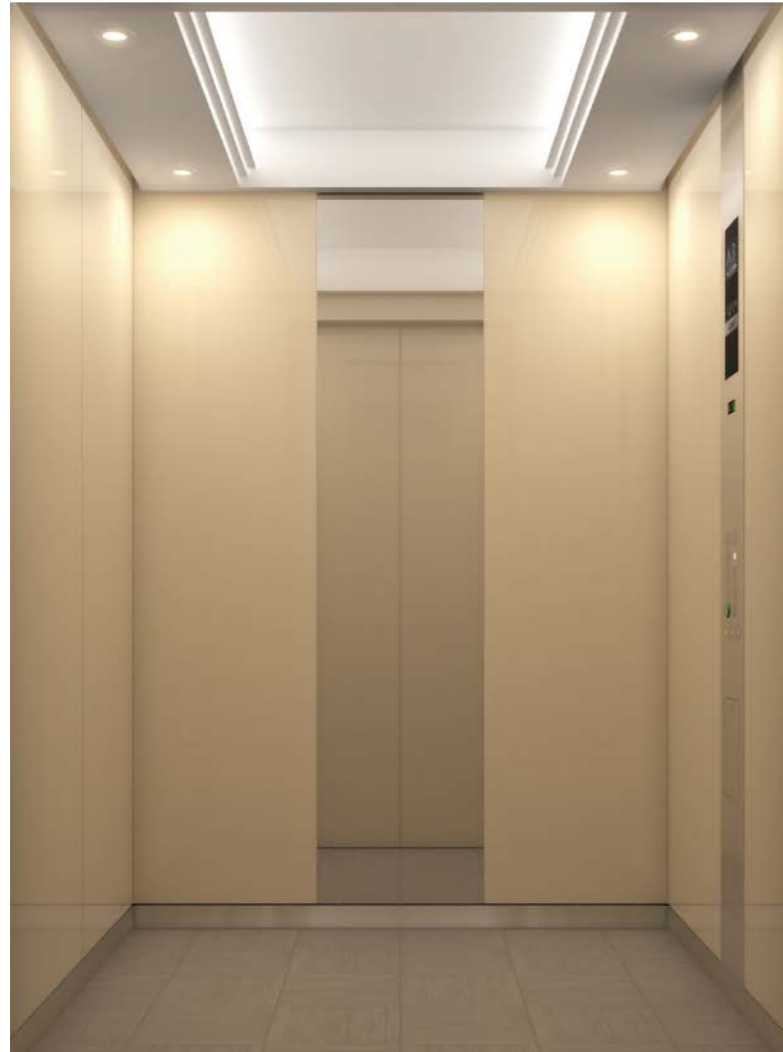
- Ceiling (L400) — Panel: Painted steel sheet [**Y073: Light beige**]
- Walls — **Stainless-steel, mirror-finish**
- Flooring — **PR812: Dim-gray**
- Handrail — **YH-59S (three sides)**
- Mirror — **None**



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

## N300

Terraced design with illusion of increased ceiling height



### Car Design Example

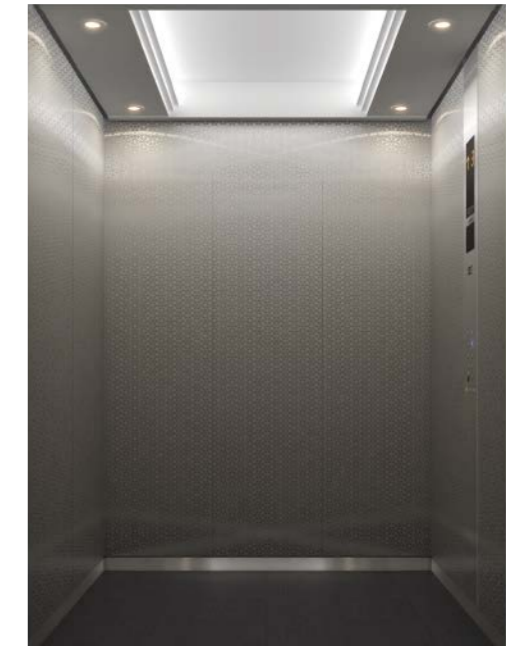
- Ceiling — Panel: N300 (in above image) – Painted steel sheet [Y033: White] or N300S (optional) – Stainless-steel, hairline-finish
- Walls — Painted steel sheet [Y016: Light brown]
- Transom panel — Painted steel sheet [Y016: Light brown]
- Doors — Painted steel sheet [Y016: Light brown]
- Front return panels — Stainless-steel, hairline-finish
- Kickplate — Stainless-steel, hairline-finish
- Flooring — PR803: Gray
- Car operating panel — CBV3-N732
- Handrail — None
- Mirror — YZ-55SN (Full height)

### Design Change Variations

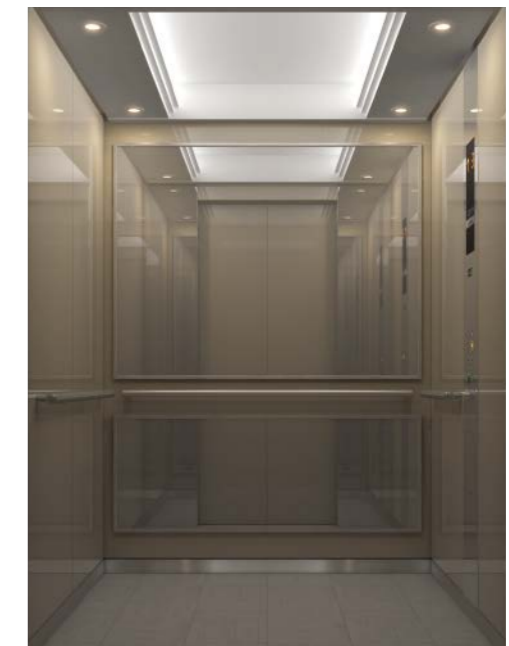
- Ceiling (N300S) — Panel: **Stainless-steel, hairline-finish**
- Walls — **Stainless-steel, hairline-finish**
- Flooring — PR803: Gray
- Handrail — **YH-59M (rear side only)**
- Mirror — **None**



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



- Ceiling (N300) — Panel: Painted steel sheet [Y033: White]
- Walls — Painted steel sheet [**Y116: Blue**]
- Flooring — **PR812: Dim-gray**
- Handrail — **YH-59S (rear side only)**
- 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)**

## FE10

Ceiling with emergency trap door for EN81-72

NEXIEZ-MRL Only

\*Not applicable to observation car.



### 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
- Walls — Painted steel sheet [Y033: White]
- Transom panel — Painted steel sheet [Y033: White]
- Doors — Painted steel sheet [Y033: White]
- Front return panels — Stainless-steel, hairline-finish
- Kickplate — Stainless-steel, hairline-finish
- Flooring — PR812: Dim-gray
- Car operating panel — CBV1-N738
- Handrail — YH-59M (three sides)



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

Actual colors may differ slightly from those shown.

## 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)

### Car Finishes Please refer to pages 21 and 22 for materials and colors.

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*3	Optional*4		
Stainless-steel, hairline-finish with etched pattern*1	Optional	Optional	Optional				
Colored stainless-steel, hairline-finish	Optional	Optional	Optional		Optional		
Colored stainless-steel, hairline-finish with etched pattern*2	Optional	Optional	Optional				
Stainless-steel, mirror-finish	Optional	Optional	Optional	Optional			
Aluminum					Standard		
Glass windows [1300(H)×300(W)]*5			Optional				
See-through doors*5			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:

\*1: Etching pattern EPA-1~6 only.

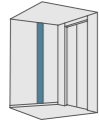
\*2: Etching pattern EPA-1~3 only.

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

\*4: Only available in dark gray.

\*5: Please consult our local agents for the production terms, etc.

Actual colors may differ slightly from those shown.



For EN81-70

Segment LED indicator	Dot LED indicator	LCD indicator
<b>Standard</b> 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
CBV■-N718 *1, 2, 4	CBV■-N728 *1, 2	CBV■-N738 *1, 2

Keypad type for EN81-70

LCD indicator	LCD indicator
NEXIEZ-MR/NexWay-S Only CBVF-N229S      CBVF-N229L	

## Button line-up

	Standard	White	Blue
Illumination colors	Yellow-orange	White	Blue
Tactile			
	CBV1	CBV3	CBV5



Number: Flat button  
 Star: Tactile button  
 (Stainless-steel matte)

Notes:

- \*1: The symbol ■ is replaced with a number representing illumination color (e.g., CBV1, CBV3, etc.). Please refer to page 11 for illumination color.
- \*2: Faceplates with stainless-steel, mirror-finish are also available (optional). Please consult our local agents for details.
- \*3: The types in parentheses ( ) show auxiliary car operating panels (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.

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)

# Hall Design





## 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-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

## 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

### 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



## Entrance Finishes Please refer to pages 21 and 22 for materials and colors.

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*			Optional	
Extruded hard aluminum				Standard
Stainless-steel				Optional

Note:  
\*Please consult our local agents for the production terms, etc.

Actual colors may differ slightly from those shown.

## Hall position indicators and buttons

Segment LED indicator\*1,2,6  
With plastic case



Standard

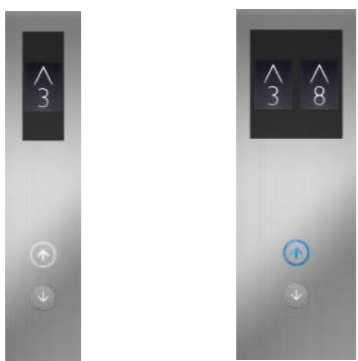
PIV■-A1010N\*3 **Boxless** PIV■-A1020N\*3 **Boxless**  
PIV■-A1010B PIV■-A1020B

Segment LED indicator\*1



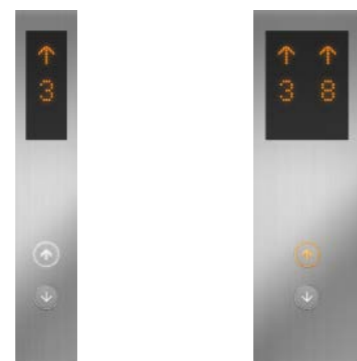
PIV■-C710N \*3,4,5 PIV■-C720N \*3,4,6

LCD indicator



PIV■-C766N\*3,4,5 PIV■-C776N \*3,4,6

Dot LED indicator



PIV■-C730N \*3,4,5 PIV■-C740N \*3,4,6

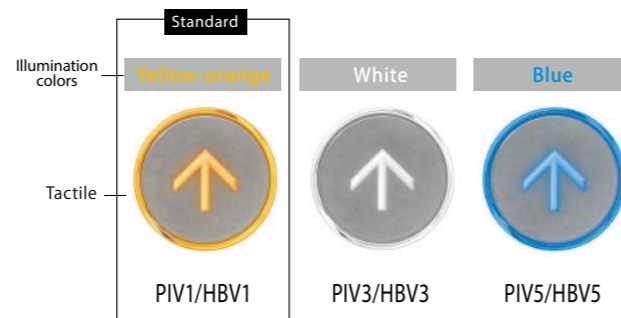
## Hall buttons

With plastic case



HBV■-A1010N \*3,6 **Boxless** HBV■-C710N \*3,4  
HBV■-A1010B

## Button line-up



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 types are applicable to EN81-70 compliant elevators only in 1C-2BC where one car is controlled independently.
- \*6: These types are not applicable to elevators complying with EN81-70.
- \*7: Only elevators status messages are available.

## Hall lanterns



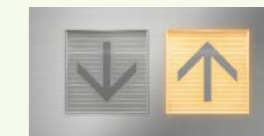
HLV-A31S



HLH-A31S



HLV-A16S



HLH-A16S



## LCD position indicator



PIH-C117 (5.7-inch)

## LCD information displays



PIH-C216 (10.4-inch)\*7



PIH-C226 (15-inch)\*7

## Hall position indicators



PIH-D415  
(Dot LED indicator)



PIH-D417  
(Segment LED indicator)



PID-D417\*2  
(Built into transom panel)

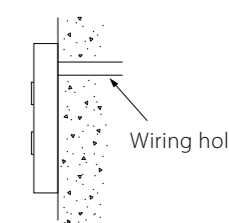
## Hall position indicator with lantern



PIE-B47\*2

## Cross-section of boxless fixtures **Boxless**

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





# 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. Please consult our local agents for finishes, production terms, etc. of the cars shown in this page.

## [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

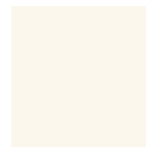
EPA-2

EPA-3

Non-etched surface  
Etched surface

## Ceiling

Painted steel sheet



Y033  
White



Y055  
Dark gray



Y073  
Light beige

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

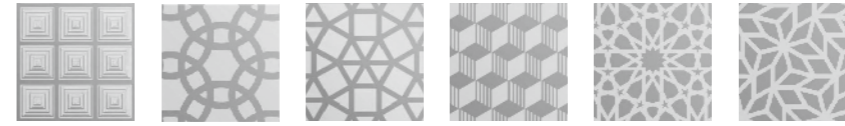
Stainless-steel



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



Y002  
Dark brown

Y004  
Beige

Y006  
Green

Y014  
Red-violet

Y016  
Light brown

Y033  
White

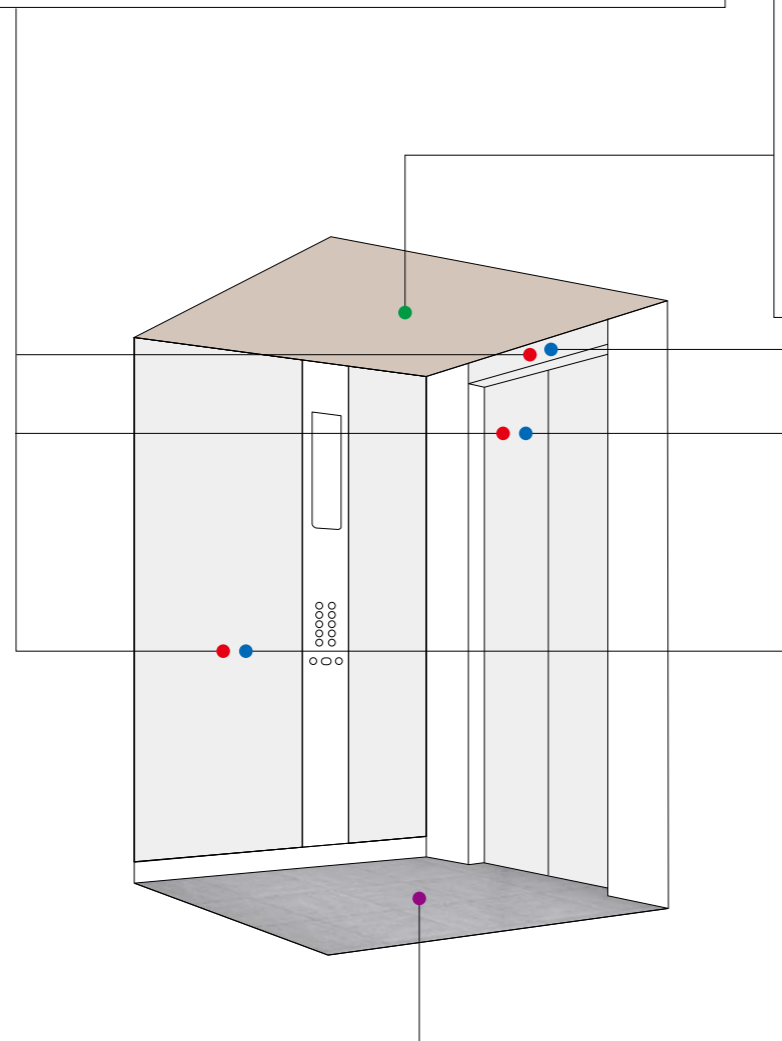
Y051  
Pink

Y054  
Pale yellow

Y055  
Dark gray

Y071  
Neutral beige

Y116  
Blue



## Flooring

Durable vinyl tiles



PR801  
Cream beige

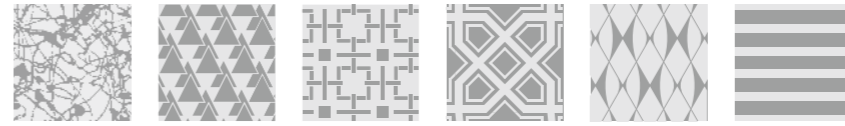
PR803  
Gray

PR810  
Ocher

PR812  
Dim-gray

## [Hall] Doors and transom panel

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



EP-A-004

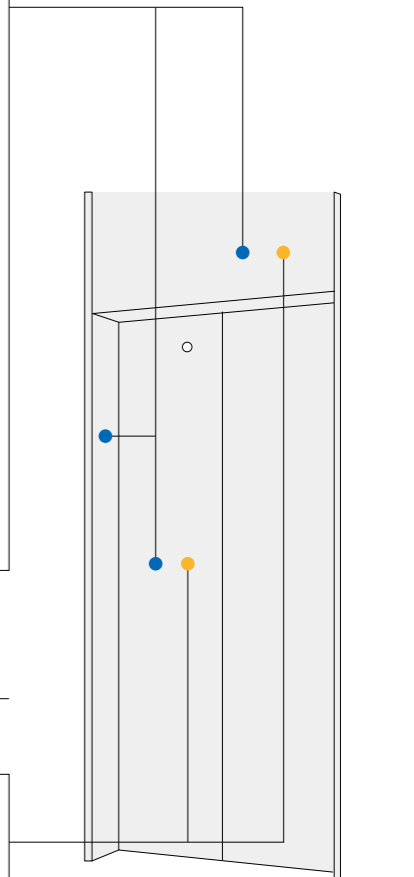
EP-A-011

EP-A-021

EP-B-009

EP-D-006

EP-F-004





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

Mitsubishi Electric elevators and escalators are currently operating in approximately 90 countries around the globe. Built placing priority on safety first, 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 Works and 13 overseas manufacturing factories are utilized in a global 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 Corporation Inazawa 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.



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

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Visit our website at:  
<http://www.MitsubishiElectric.com/elevator/>

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

Revised publication effective May 2017.  
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Specifications are subject to change without notice.

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