



*Changes for the Better*

PASSENGER ELEVATORS

for a greener tomorrow



Quality  
inMotion



# DESIGN GUIDE

Ceiling Design

Signal Fixtures

Interior

Hall Design

Observation Cars

Materials and Colors

# Principle

Based on our policy, “Quality in Motion”, we provide elevators and escalators that will satisfy our customers with high levels of comfort, efficiency, ecology and safety.









Mitsubishi Electric elevators, escalators and building management systems are always evolving, helping achieve our goal of being the No.1 brand in quality. In order to satisfy customers in all aspects of comfort, efficiency and safety while realizing a sustainable society, quality must be of the highest level in all products and business activities, while priority is place on consideration for the environment. As the times change, Mitsubishi Electric promises to utilize the collective strengths of its advanced and environmental technologies to offer its customers safe and reliable products while contributing to society.

## We strive to be green in all of our business activities.

We take every action to reduce environmental burden during each process of our elevators' and escalators' lifecycle.



# Contents

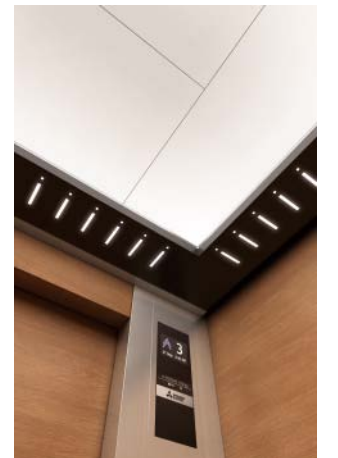
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L400

Softly lit illuminated ceiling with a sparkling slitted frame



Ceiling: Painted steel sheet (Y055)  
Lighting: Indirect lighting (LEDs)

### Car Design Example

Walls	Pattern-printed steel sheet (CP121)
Transom panel	Pattern-printed steel sheet (CP121)
Doors	Pattern-printed steel sheet (CP121)
Front return panels	SUS-HL
Kickplate	SUS-HL
Flooring	PR803
Car operating panel	CBV1-C730
Handrail	YH-59S

Actual colors may differ slightly from those shown.  
Please refer to page 14 for the meaning of SUS-HL.



# L410

Contrast of light and shadows using sharp lines



Ceiling: Painted steel sheet (Y033) with slits  
Lighting: Slit lighting (LEDs)

## Car Design Example

Walls	SUS-M
Transom panel	SUS-M
Doors	SUS-M
Front return panels	SUS-M
Kickplate	SUS-HL
Flooring	PR812
Car operating panel	CBV3-C730 (Faceplate: SUS-M)
Handrail	YH-59M

# L200

Twinkling lights through chandelier-like lighting panel

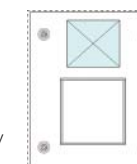


Ceiling: Painted steel sheet (Y033)  
with an acrylic lighting cover  
Lighting: Central lighting and  
downlights (LEDs)

## Car Design Example

Walls	SUS-HE (EPA-4)
Transom panel	SUS-HE (EPA-4)
Doors	SUS-HE (EPA-4)
Front return panels	SUS-HL
Kickplate	SUS-HL
Flooring	PR810
Car operating panel	CBV1-C760
Handrail	YH-59M

Note: Position of central lighting differs from  
images shown above when an emergency  
exit (the area shown in blue) is required.

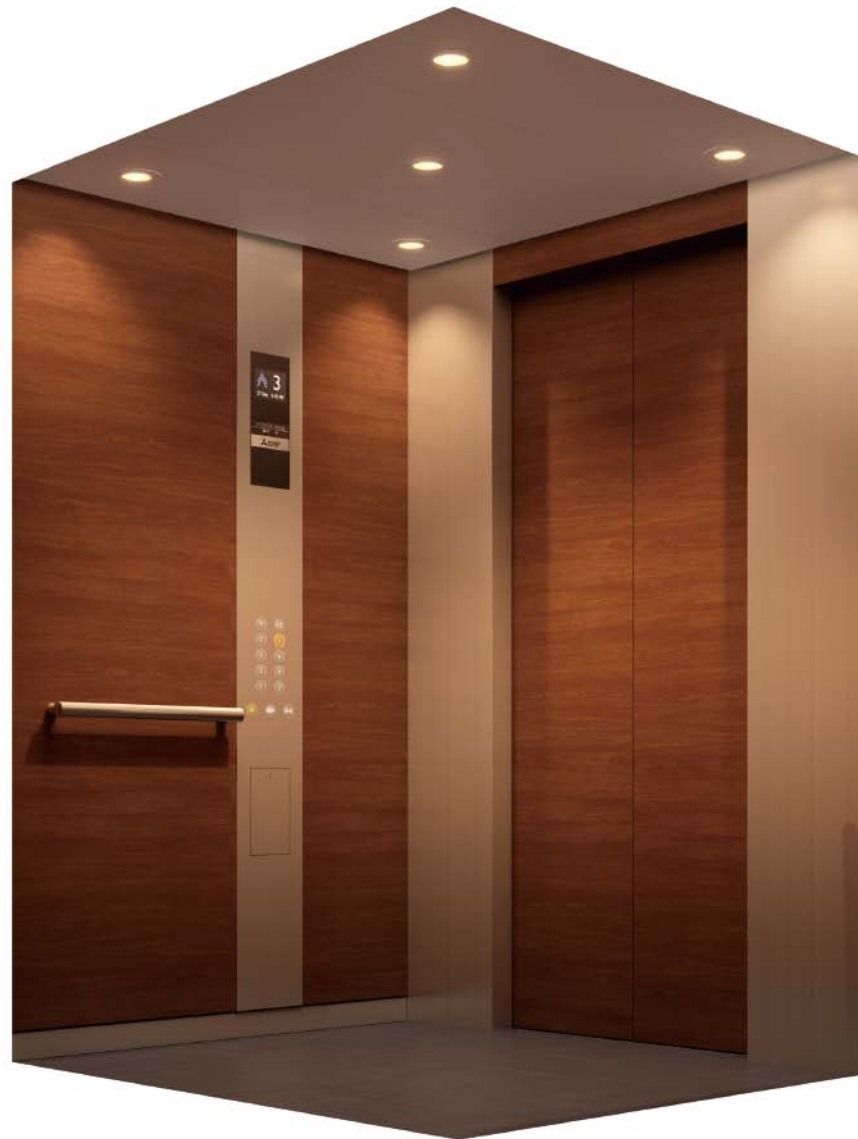


L200S Ceiling: SUS-HL  
Others: Same as L200.

Actual colors may differ slightly from those shown.  
Please refer to page 14 for the meaning of SUS-HL, SUS-HE and SUS-M.

# L210

Sophisticated atmosphere created by downlights and shadows



Ceiling: Painted steel sheet (Y033)  
Lighting: Downlights (LEDs)

## Car Design Example

Walls	Pattern-printed steel sheet (CP111)
Transom panel	Pattern-printed steel sheet (CP111)
Doors	Pattern-printed steel sheet (CP111)
Front return panels	SUS-HL
Kickplate	SUS-HL
Flooring	PR812
Car operating panel	CBV1-N730
Handrail	YH-59S



L210S Ceiling: SUS-HL  
Others: Same as L210.

# L310

Beautifully arched panel with shaded gradation



Ceiling: [Center] Metal-like resin panel  
[Sides] Milky white resin panels  
Lighting: Full lighting (LEDs)

## Car Design Example

Walls	SUS-HL
Transom panel	SUS-HL
Doors	SUS-HL
Front return panels	SUS-HL
Kickplate	SUS-HL
Flooring	PR803
Car operating panel	CBV1-N730

Actual colors may differ slightly from those shown.  
Please refer to page 14 for the meaning of SUS-HL.

Ceiling Design

Signal Fixtures

Interior

Hall Design

Observation Cars  
(NEXEZ-MRL only)

Materials and Colors



# N300

Terraced design with illusion of increased ceiling height



Ceiling: Painted steel sheet (Y033)  
Lighting: Central indirect lighting and downlights



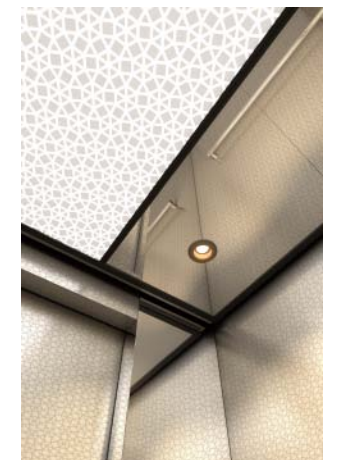
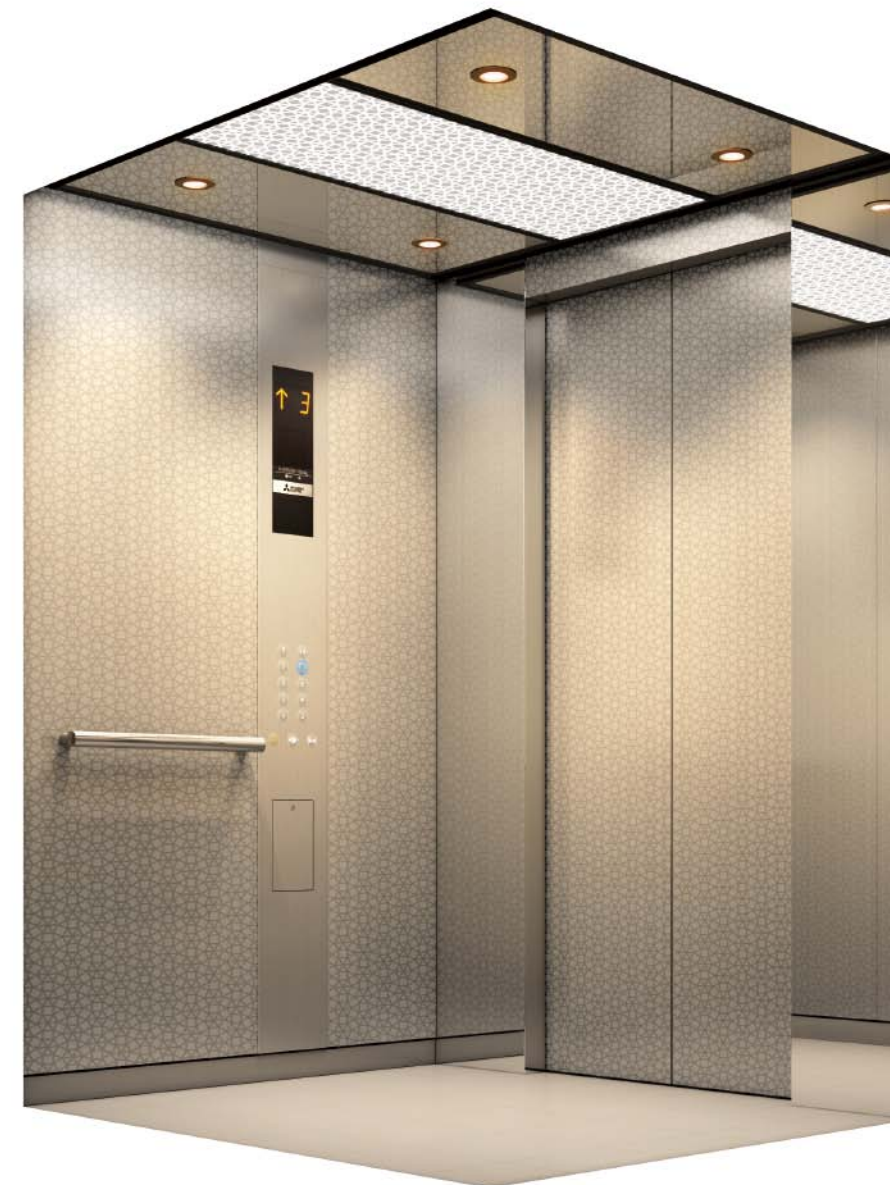
**N300S** Ceiling: SUS-HL  
Walls: SUS-HL  
Others: Same as N300.

## Car Design Example

Walls	Pattern-printed steel sheet (CP23)
Transom panel	SUS-HL
Doors	SUS-HL
Front return panels	SUS-HL
Kickplate	SUS-HL
Flooring	PR801
Car operating panel	CBV1-N710
Handrail	YH-59S

# N120

Gorgeous ceiling with lustrous translucent panels fused using refined geometric patterns



Ceiling: [Center] Milky white resin panel  
[Sides] Resin panels with mirrored surface  
Lighting: Central lighting and downlights

## Car Design Example

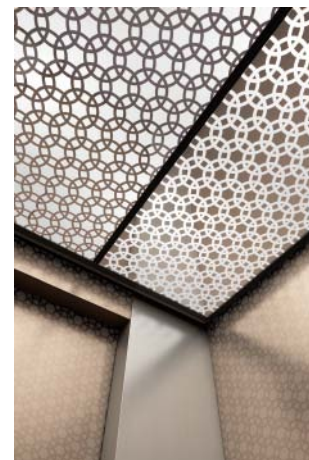
Walls	SUS-HE (EPA-3)
Transom panel	SUS-HE (EPA-3)
Doors	SUS-HE (EPA-3)
Front return panels	SUS-M
Kickplate	SUS-HL
Flooring	PR801
Car operating panel	CBV5-N710
Handrail	YH-59M

Actual colors may differ slightly from those shown.  
Please refer to page 14 for the meaning of SUS-HL, SUS-HE and SUS-M.



# N130

Light transmitted through exotic ceiling patterns



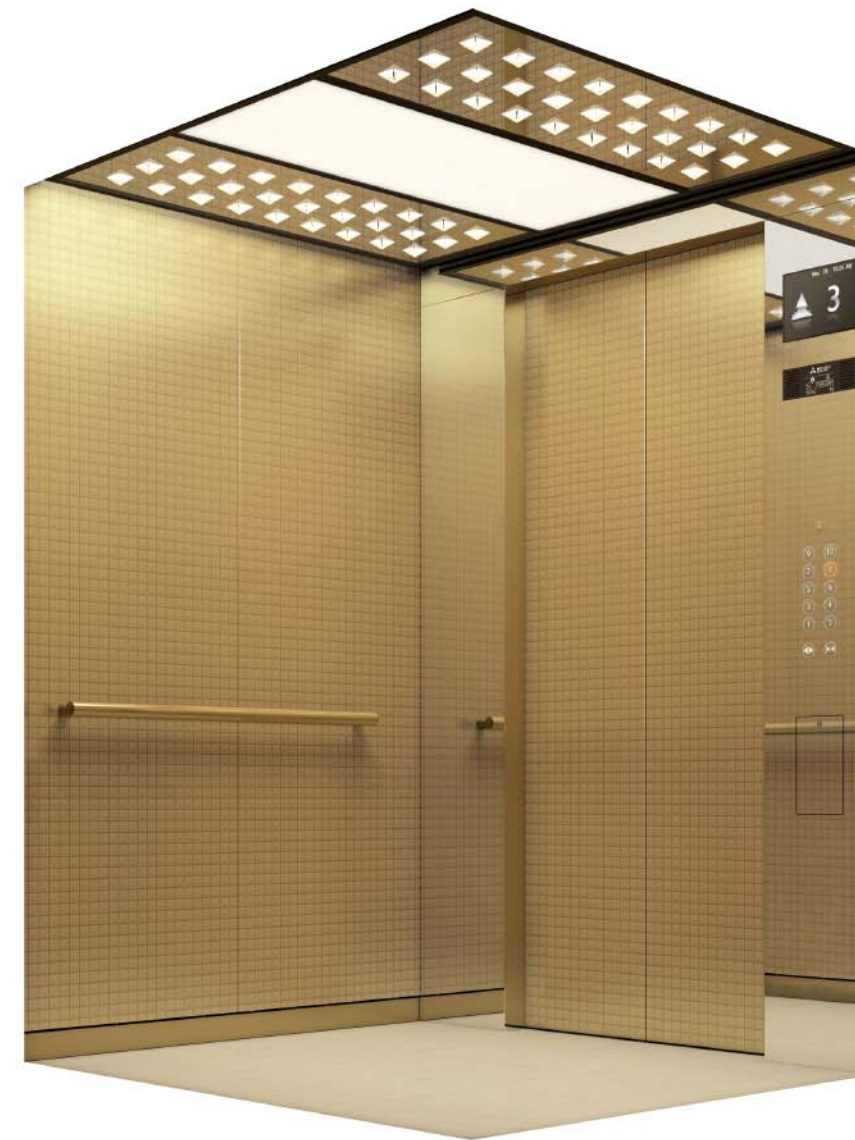
Ceiling: Milky white resin panels  
Lighting: Full lighting

## Car Design Example

Walls	Colored (bronze) SUS-HE (EPA-2)
Transom panel	Colored (bronze) SUS-HE (EPA-2)
Doors	Colored (bronze) SUS-HE (EPA-2)
Front return panels	SUS-HL
Kickplate	Colored (bronze) SUS-HL
Flooring	PR812
Car operating panel	CBV1-N710 (Faceplate: SUS-M)

# N140

Stylish ceiling accented with crystal-like blocks



Ceiling: [Center] Milky white resin panel  
[Sides] Resin panels with mirrored surface and acrylic blocks  
Lighting: Full lighting

## Car Design Example

Walls	Colored (gold) SUS-HE (EPA-1)
Transom panel	SUS-M
Doors	Colored (gold) SUS-HE (EPA-1)
Front return panels	SUS-M
Kickplate	Colored (gold) SUS-HL
Flooring	PR810
Car operating panel	CBV1-D740 (Faceplate: SUS-M)
Handrail	YH-59G

Actual colors may differ slightly from those shown.  
Please refer to page 14 for the meaning of colored SUS-HL, colored SUS-HE and SUS-M.



Ceiling: Painted steel sheet (Y033)  
with a milky white resin lighting cover  
Lighting: Central lighting

Car Design Example

- Walls ——— SUS-HL
- Transom panel ——— SUS-HL
- Doors ——— SUS-HL
- Front return panels ——— SUS-HL
- Kickplate ——— Aluminum
- Flooring ——— PR803
- Car operating panel ——— CBV1-C760
- Handrail ——— YH-59S



Car Design Example

- Walls ——— Painted steel sheet (Y051)
- Transom panel ——— Painted steel sheet (Y051)
- Doors ——— Painted steel sheet (Y051)
- Front return panels ——— SUS-HL
- Kickplate ——— Aluminum
- Flooring ——— PR803
- Car operating panel ——— CBV1-C760
- Handrail ——— YH-59S

Car Design Example

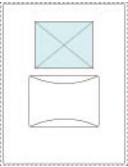
- Walls ——— Painted steel sheet (Y116)
- Transom panel ——— Painted steel sheet (Y116)
- Doors ——— Painted steel sheet (Y116)
- Front return panels ——— SUS-HL
- Kickplate ——— Aluminum
- Flooring ——— PR803
- Car operating panel ——— CBV1-C760
- Handrail ——— YH-59S

Car Design Example

- Walls ——— Painted steel sheet (Y004)
- Transom panel ——— Painted steel sheet (Y004)
- Doors ——— Painted steel sheet (Y004)
- Front return panels ——— SUS-HL
- Kickplate ——— Aluminum
- Flooring ——— PR803
- Car operating panel ——— CBV1-C760
- Handrail ——— YH-59S



Note: Position of central lighting differs from images shown above when an emergency exit (the area shown in blue) is required.



Car Finishes

Please refer to pages 29 and 30 for materials and colors.

Materials/Finishes	Walls	Transom panel	Doors	Front return panels	Kickplate	Flooring	Sill
Stainless-steel, hairline-finish (SUS-HL)	S	S	S	S	O		
Pattern-printed steel sheet	O	O	O				
Painted steel sheet	O	O	O	O*3	O*4		
Stainless-steel, hairline-finish with etched pattern*1 (SUS-HE)	O	O	O				
Colored stainless-steel, hairline-finish (Colored SUS-HL)	O	O	O		O		
Colored stainless-steel, hairline-finish with etched pattern*2 (Colored SUS-HE)	O	O	O				
Stainless-steel, mirror-finish (SUS-M)	O	O	O	O			
Aluminum					S		
Glass windows [1300(H)×200(W)/1300(H)×300(W)]			O				
See-through doors			O				
Durable vinyl tiles (2mm thick)						S	
Durable rubber tiles (3 or 6mm thick)						O	
Carpet/marble/granite (Supplied by customer)						O	
Extruded hard aluminum							S
Stainless-steel							O

Note: S – Standard, O – Optional  
\*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.

Actual colors may differ slightly from those shown.



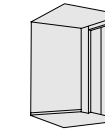
# Signal Fixtures

## Segment LED\* Indicators

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

### Car operating panel\*1,2

For front return panel



**Standard**  
CBV1-C760\*3  
(CBV1-C766)\*3,4

Tactile button with yellow-orange lighting

### Hall position indicators and buttons\*1

Metal-like resin faceplates



**Standard**

PIV1-A710N **Boxless**  
PIV1-A710B  
Tactile button with  
yellow-orange lighting



**Standard**

PIV1-A720N **Boxless**  
PIV1-A720B  
Tactile button with  
yellow-orange lighting

### Button line-up

	<b>Standard</b>		<b>Optional</b>	
Illumination colors	Yellow-orange		White	Blue
Tactile				
	CBV1/PIV1/HBV1		CBV3/PIV3/HBV3	CBV5/PIV5/HBV5
Flat				
	CBV2/PIV2/HBV2		CBV4/PIV4/HBV4	CBV6/PIV6/HBV6

Tactile or flat button (stainless-steel, non-directional hairline) is selectable from three types of illumination colors (yellow-orange, white or blue). These buttons are not applicable to the buttons for EN81-70.

Notes:

\*1: Dot LED indicators are also available (optional). Please consult our local agents for details.

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

\*3: Maximum number of floors: 22 floors.

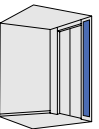
\*4: The type in parentheses () shows an auxiliary car operating panel (optional). The design is slightly different from the above image. Please consult our local agents for further information such as installation location.

Actual colors may differ slightly from those shown.

# Segment LED\* Indicators

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

## Car operating panels\*1,2,3



For front return panel



For side wall

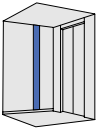
Dot LED indicator  
CBV■-C720  
(CBV■-C726)\*4



CBV■-C710  
(CBV■-C716)\*4



Swing type  
CBV■-D710  
(CBV■-D716)\*4



CBV■-N710  
(CBV■-N716)\*4



CBV■-N712  
(With alarm indication  
and buttons for EN81-70)  
(CBV■-N717)\*4

Notes:  
\*1: The symbol ■ is replaced with a number representing the button type and illumination color. (e.g. CBV1, CBV2, etc.)  
Please refer to page 16 for button types and illumination colors.  
\*2: Dot LED indicators are also available (optional). Please consult our local agents for details.  
\*3: Faceplates with stainless-steel, mirror-finish are also available (optional). Please consult our local agents for details.  
\*4: The types in parentheses () show an 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.



## Hall position indicators and buttons\*1,2,3



PIV■-C710N



Dot LED indicator  
PIV■-C730N



PIV■-C720N

## Hall position indicators\*2

Dot LED indicator  
PIH-D415



PIH-D417



PID-D417  
(Built into transom panel)

## Hall position indicator with lantern\*2



PIE-B47

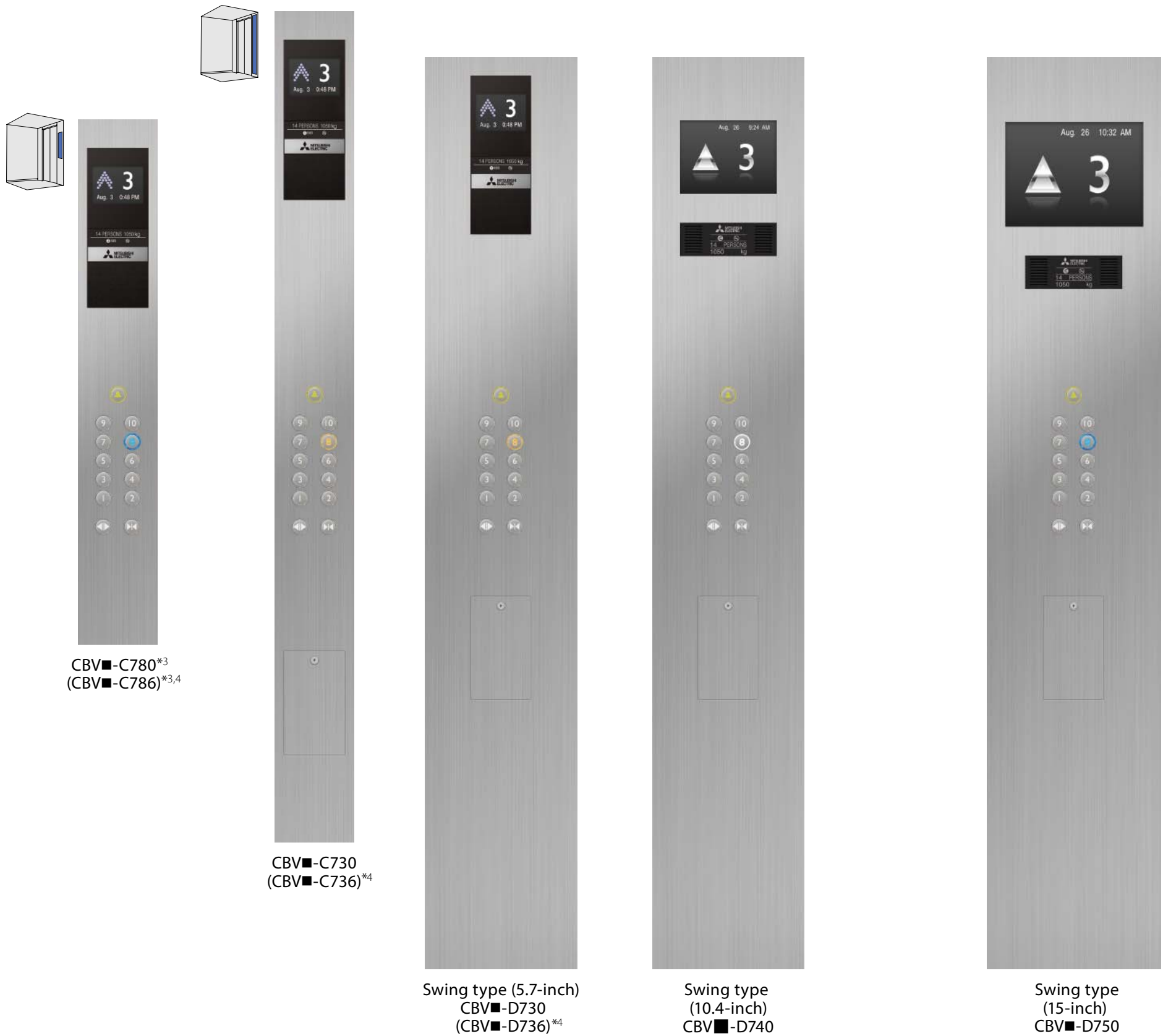




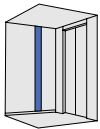
# LCD Indicators

## Car operating panels <sup>\*1,2</sup>

For front return panel



For side wall



Notes:  
\*1: The symbol ■ is replaced with a number representing the button type and illumination color. (e.g. CBV1, CBV2, etc.)  
Please refer to page 16 for button types and illumination colors.  
\*2: Faceplates with stainless-steel, mirror-finish are also available (optional). Please consult our local agents for details.  
\*3: Maximum number of floors: 22 floors.  
\*4: The types in parentheses () show an 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.

LCD Indicators

Hall position indicators and buttons \*1,2



PIV-C760N



PIV-C770N

LCD position indicator (for hall)



PIH-C116 (5.7-inch)

LCD information displays (for hall)



PIH-C215 (10.4-inch)

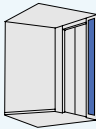


PIH-C225 (15-inch)

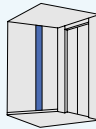
Notes:  
\*1: The symbol ■ is replaced with a number representing the button type and illumination color.  
(e.g. PIV1, PIV2, etc.) Please refer to page 16 for button types and illumination colors.  
\*2: Faceplates with stainless-steel, mirror-finish are also available (optional).  
Please consult our 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.

NEXIEZ-MR, NexWay-S Only

Car operating panels



For front return panel



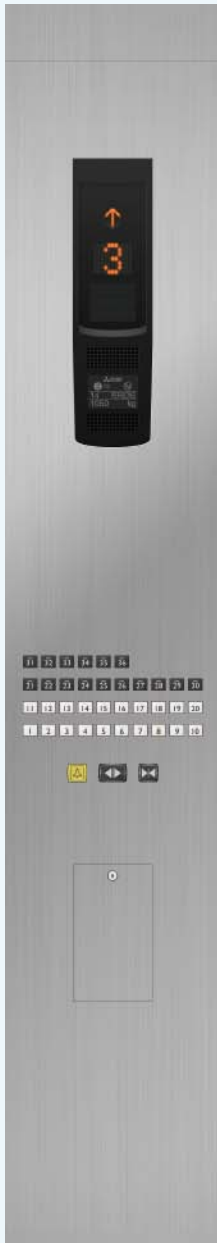
For side wall



CBH-C245  
(CBH-C295)\*3  
Dot LED  
indicator only



CBVF-C258  
Keypad type



CBH-N215  
Dot LED  
indicator only



CBVF-N228  
Keypad type



CBVF-N229S  
(With alarm indication  
and buttons for EN81-70)  
Keypad type



CBVF-N229L  
(With alarm indication  
and buttons for EN81-70)  
Keypad type



Flat button (Plastic)



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



Flat button (Plastic)

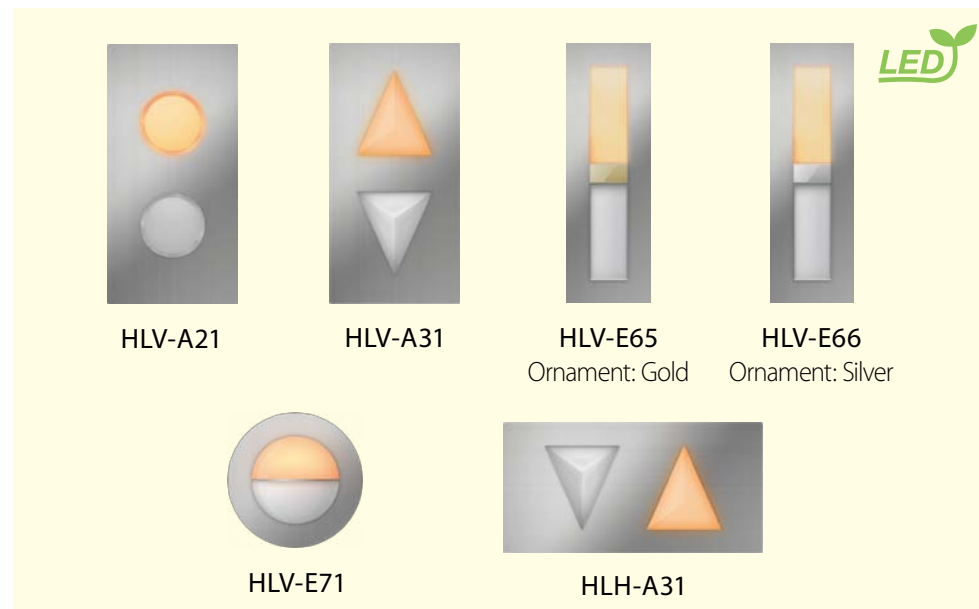


Number: Flat button  
Star: Tactile button  
(Stainless-steel matte)



# Hall Signal Fixtures

## Hall lanterns

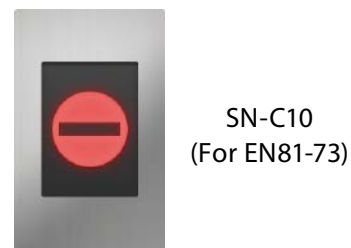


## Hall buttons\*1

Metal-like resin faceplate

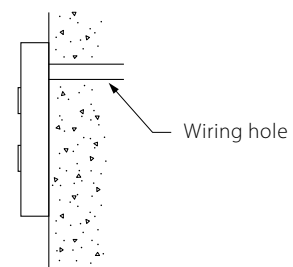


## No-entry indicator



## 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.



Notes:

\*1: The symbol ■ is replaced with a number representing the button type and illumination color. (e.g. HBV1, HBV2, etc.) Please refer to page 16 for button types and illumination colors.

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

# Interior

## Mirrors



## Handrails



YH-59S (SUS-HL)



YH-59M (SUS-M)



YH-59G (SUS-M)



YH-57S (SUS-HL)

Actual colors may differ slightly from those shown. Please refer to page 14 for the meaning of SUS-HL and SUS-M.





# Hall Design

E-312 Splayed Jamb with Transom Panel  
E-212 Square Jamb with Transom Panel



Jamb ——— SUS-HL  
Transom panel ——— SUS-HL  
Doors ——— See-through doors  
Hall lantern ——— HLV-A31  
Hall button ——— HBV1-C710N

E-312 Splayed Jamb with Transom Panel  
E-212 Square Jamb with Transom Panel



Jamb ——— SUS-HL  
Transom panel ——— SUS-HL  
Doors ——— SUS-HL  
Hall position indicator ——— PID-D417  
Hall button ——— HBV1-C710N

E-302 Splayed Jamb  
E-202 Square Jamb



Jamb ——— SUS-HL  
Doors ——— Painted steel sheet (Y014)  
Hall position indicator ——— PIH-D417  
Hall button ——— HBV1-C710N

E-102 Narrow Jamb **Standard**



Jamb ——— SUS-HL  
Doors ——— SUS-HL  
Hall position indicator and button ——— PIV1-A710N **Boxless**

## Entrance Finishes Please refer to pages 29 and 30 for materials and colors.

Materials/Finishes	Jambs	Transom panel	Doors	Sill
Stainless-steel, hairline-finish (SUS-HL)	S	O	S	
Painted steel sheet	O	O	O	
Stainless-steel, hairline-finish with etched pattern (SUS-HE)		O	O	
Stainless-steel, mirror-finish (SUS-M)			O	
Glass windows [1300(H)×200(W)/1300(H)×300(W)]			O	
See-through doors			O	
Extruded hard aluminum				S
Stainless-steel				O

Note: S – Standard, O – Optional

Actual colors may differ slightly from those shown.





# Observation Cars

NEXIEZ-MRL Only

## Natural light gives the car a spacious atmosphere



- Ceiling — L310
- Lighting — Full lighting (LEDs)
- Mullions (interior) — SUS-HL
- Mullions (exterior) — Painted finish (N5.5: Gray)
- Windows — Transparent flat glass
- Glass frames — Aluminum
- Transom panel — SUS-HL
- Doors — SUS-HL with glass window
- Front return panel — SUS-HL
- Kickplate — SUS-HL
- Flooring — PR812
- Car operating panel — CBV1-N710
- Handrail — SUS-HL (YH-55S)

## 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 refer to page 14 for the meaning of SUS-HL.

## [Car] Walls, doors and transom panel

Colored stainless-steel,  
hairline-finish

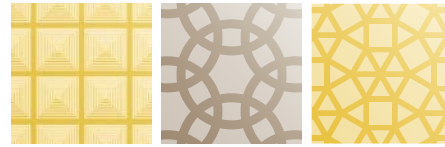


Gold

Bronze

Etching patterns (Gold or bronze)

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



EPA-1

EPA-2

EPA-3

Pattern-printed steel sheet



CP23

CP101

CP111

CP121

CP141

Non-etched surface  
Etched surface

## Ceiling

Painted steel  
sheet

(L400, L410,  
L200, L210,  
N300, S00 only)



Y033



Y055



Y073

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

Stainless-steel

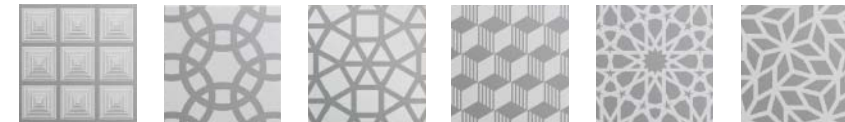


Hairline-finish

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

Etching patterns (Stainless-steel)

\*Not applicable to jamb, please refer to 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

Y004

Y006

Y014

Y016

Y033

Y051

Y054

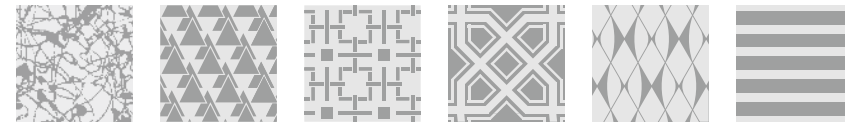
Y055

Y071

Y116

## [Hall] Doors and transom panel

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



EP-A-004

EP-A-011

EP-A-021

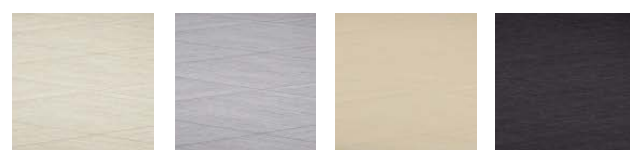
EP-B-009

EP-D-006

EP-F-004

## Flooring

Durable vinyl tiles



PR801

PR803

PR810

PR812

Actual colors may differ slightly from those shown.



Mitsubishi Elevator Inazawa Works has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management. The company 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 company 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.

## MITSUBISHI ELECTRIC CORPORATION

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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.



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Specifications are subject to change without notice.

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