



Changes for the Better

PASSENGER ELEVATORS

for a greener tomorrow



Quality
inMotion



DESIGN GUIDE

Ceiling Design

Hall Design

Signal Fixtures

Observation Cars

Interior

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.

Quality in Motion

Comfort

Efficiency

Ecology

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 placed 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.



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Ceiling Design

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

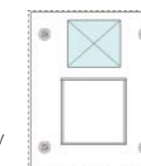


Ceiling: Painted steel sheet (Y033) with an acrylic lighting cover
Lighting: Central lighting and downlights (LEDs)

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.

Ceiling Design

Signal Fixtures

Interior

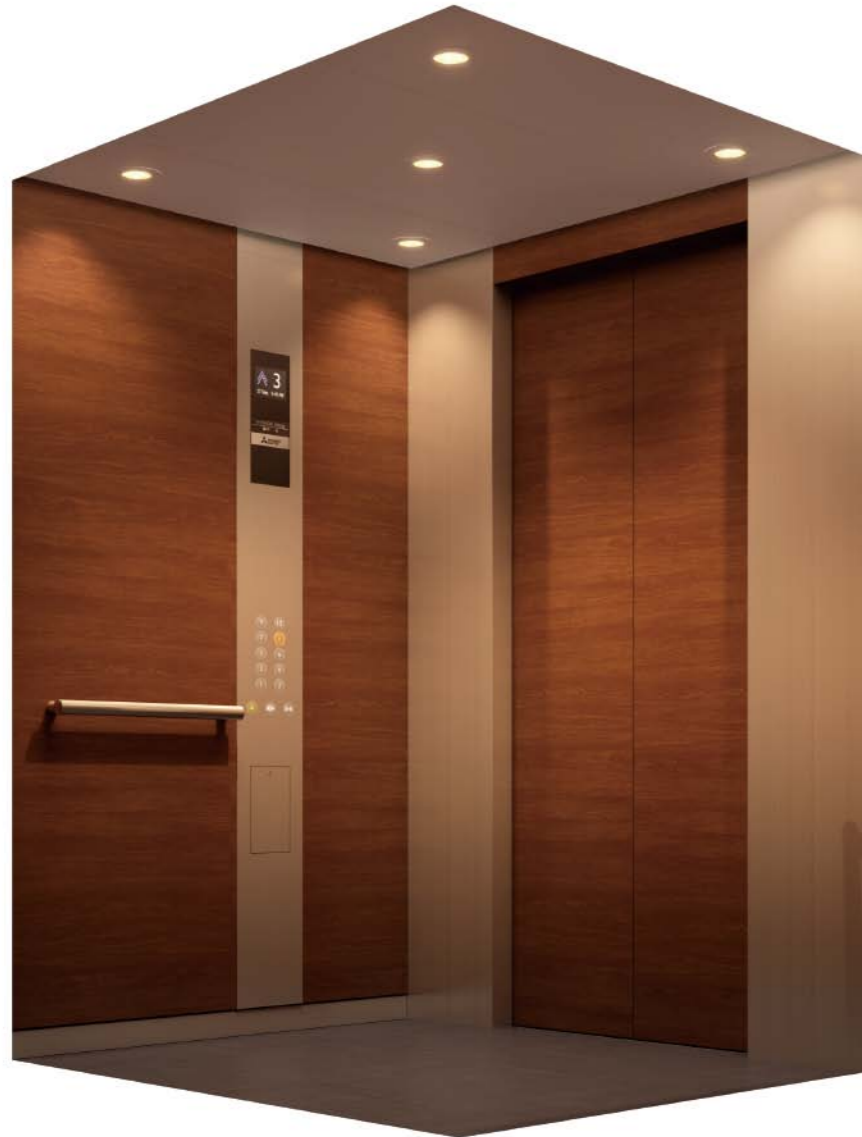
Hall Design

Observation Cars (NEXEZMR only)

Materials and Colors

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

N300

Terraced design with illusion of increased ceiling height



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



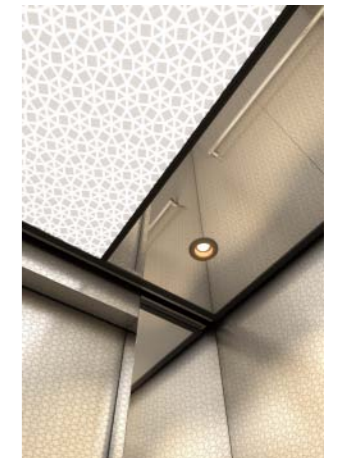
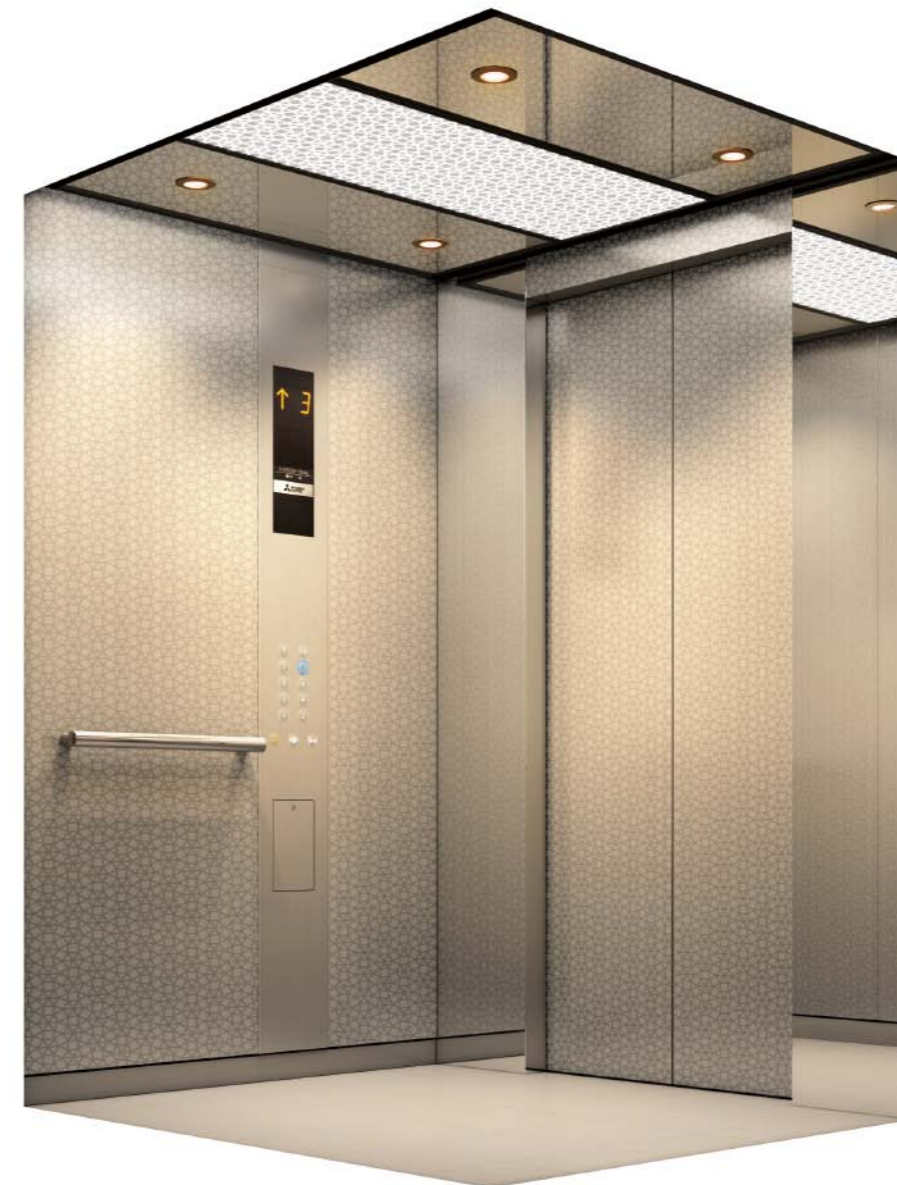
N300S Ceiling: SUS-HL
Walls: SUS-HL
Others: Same as N300.

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

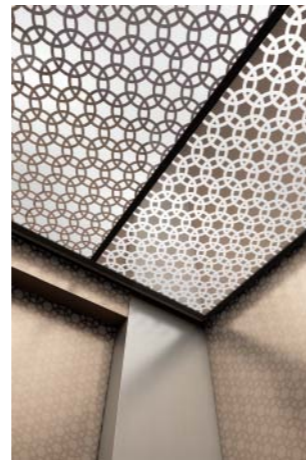
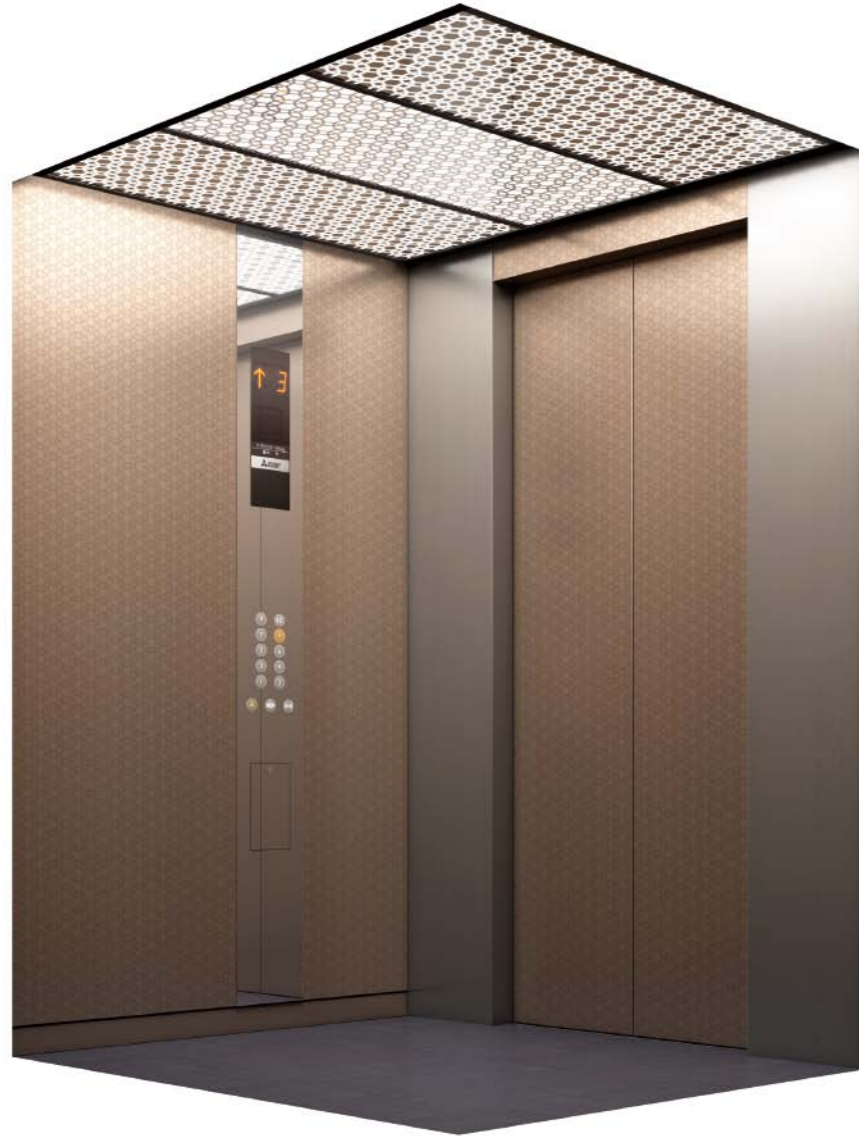
Car Design Example

- 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



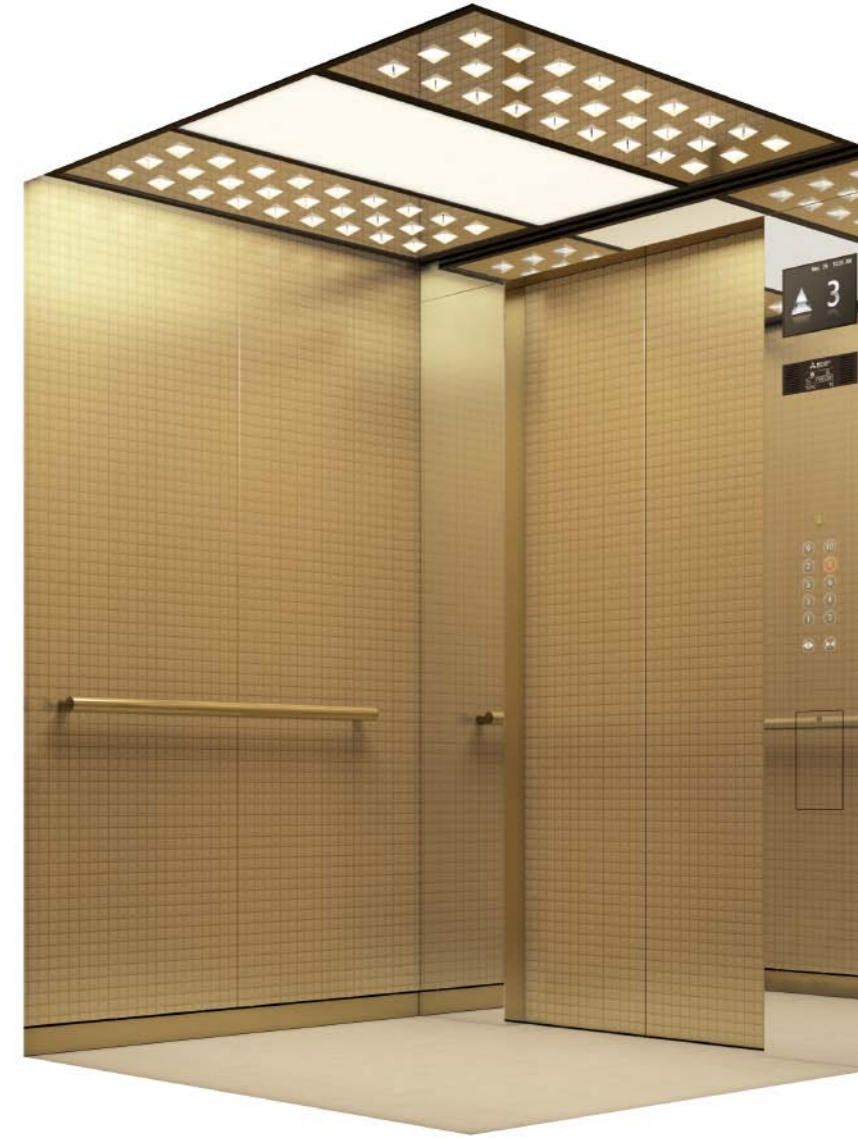
Ceiling: Milky white resin panels
Lighting: Full lighting

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.



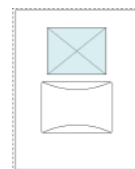
Ceiling: Painted steel sheet (Y033)
with a milky white resin lighting cover
Lighting: Central lighting

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 (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 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 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

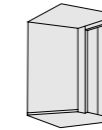


Segment LED* Indicators

*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

	Standard	Optional	
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).

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}



Dot LED indicator
CBV■-C720
(CBV■-C726)^{*4}

CBV■-C710
(CBV■-C716)^{*4}

Swing type
CBV■-D710
(CBV■-D716)^{*4}

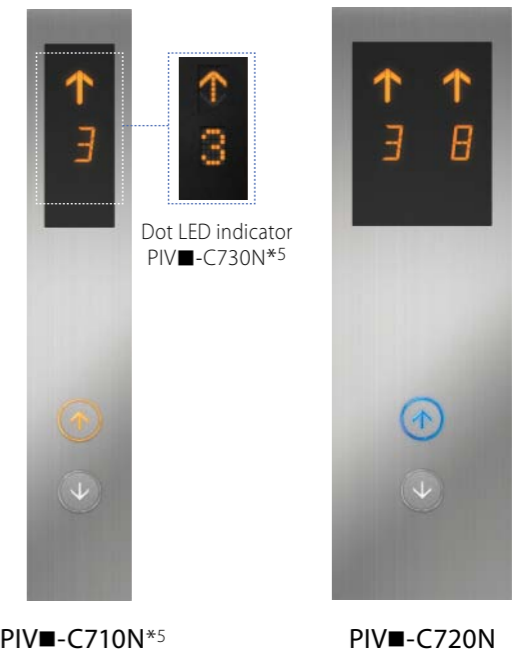


CBV■-N710
(CBV■-N716)^{*4}

CBV■-N712
(with alarm indication
and buttons for EN81-70)
(CBV■-N717)^{*4}



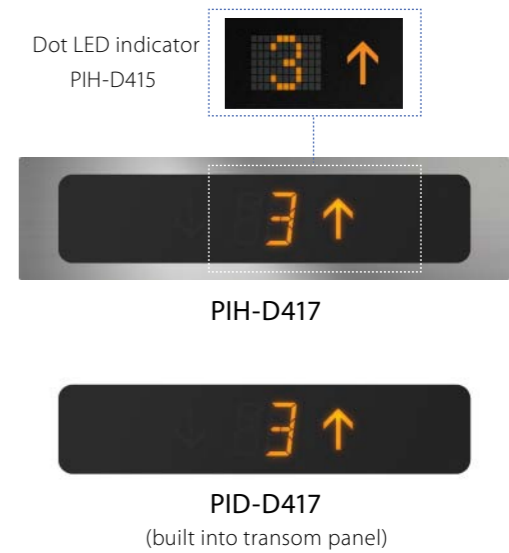
Hall position indicators and buttons ^{*1,2,3}



PIV■-C710N^{*5}

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

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.

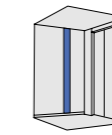
*4: The types in parentheses () show an auxiliary car operating panels (optional). The design is slightly different from the above images. Please consult our local agents for further information such as installation location.

*5: These hall signal fixtures with tactile buttons are applicable to EN81-70 compliant elevators (1C-2BC only).

LCD Indicators

Car operating panels ^{*1,2}

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*3

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: This hall signal fixture with tactile buttons is applicable to EN81-70 compliant elevators (1C-2BC only).

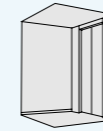
*4: The types in parentheses () show auxiliary car operating panels (optional). The design is slightly different from the above images.

Please consult our local agents for further information such as installation location.

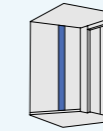


NEXIEZ-MR, NexWay-S Only

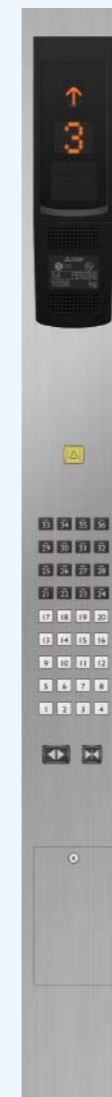
Car operating panels



For front return panel



For side wall



CBH-C245
(CBH-C295)*4
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)



Flat button (Plastic)



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



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



Flat button (Plastic)



Flat button (Plastic)



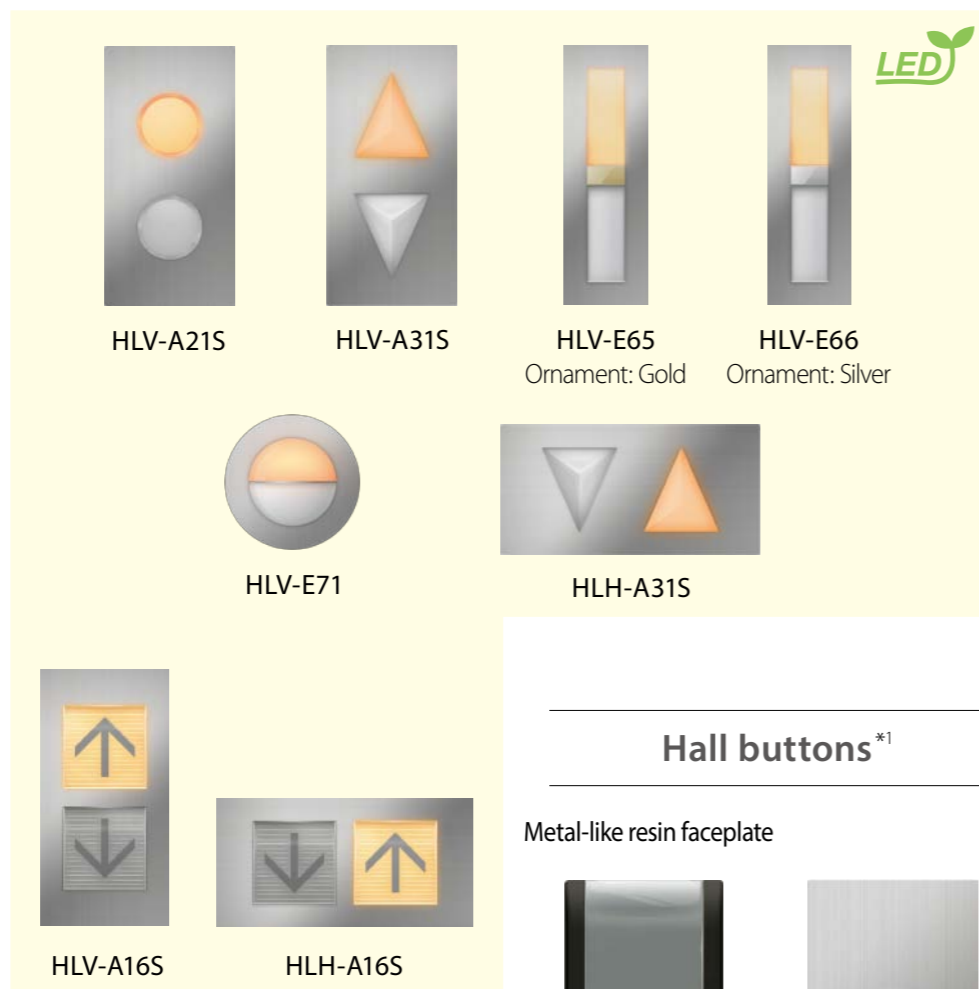
Number: Flat button
Star: Tactile button
(Stainless-steel matte)



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

Hall Signal Fixtures

Hall lanterns



Hall buttons*1

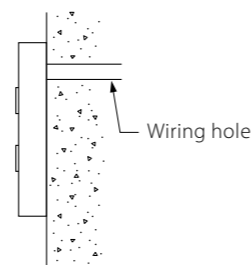


No-entry indicators for EN81-73



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:

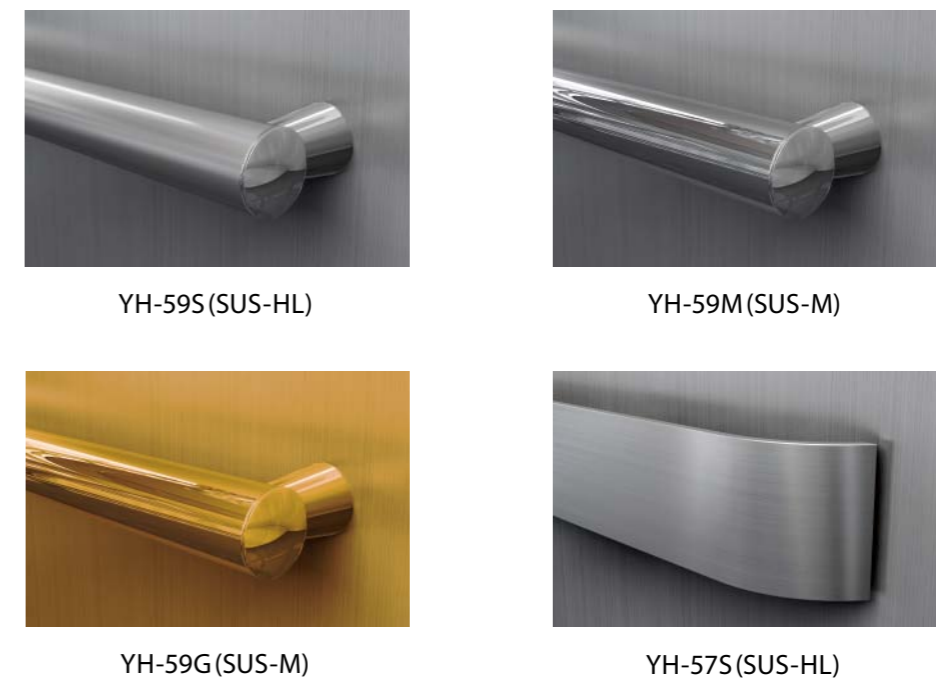
- *1: The symbol ■ is replaced with a number representing the button type and illumination color. (e.g. HBV1, HBV2, etc.) Please refer to page 16 for button types and illumination colors.
- *2: A faceplate with stainless-steel, mirror finish is also available (optional). Please consult our local agents for details.
- *3: These hall signal fixtures with tactile buttons are applicable to EN81-70 compliant elevators.

Interior

Mirrors



Handrails



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-A31S
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 | Doors | ————— | SUS-HL with glass window |
| Lighting | ————— | Full lighting (LEDs) | Front return panel | ————— | SUS-HL |
| Mullions (interior) | ————— | SUS-HL | Kickplate | ————— | SUS-HL |
| Mullions (exterior) | ————— | Painted finish (N5.5: gray) | Flooring | ————— | PR812 |
| Windows | ————— | Transparent flat glass | Car operating panel | ————— | CBV1-N710 |
| Glass frames | ————— | Aluminum | Handrail | ————— | SUS-HL (YH-55S) |
| Transom panel | ————— | SUS-HL | | | |

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 the 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 [Hall] Doors, transom panel and jamb

Stainless-steel

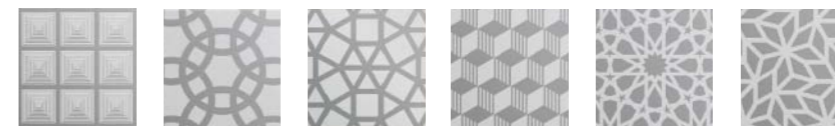


Hairline-finish

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

Y004

Y006

Y014

Y016

Y033

Y051

Y054

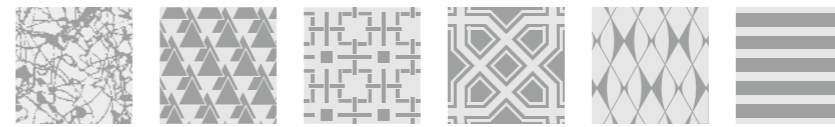
Y055

Y071

Y116

[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

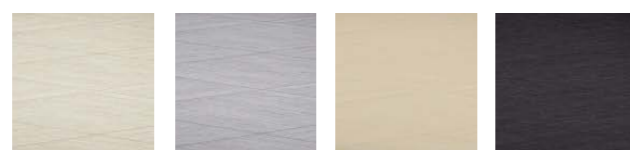
EP-B-009

EP-D-006

EP-F-004

Flooring

Durable vinyl tiles



PR801

PR803

PR810

PR812

Actual colors may differ slightly from those shown.



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.

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Specifications are subject to change without notice.

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