PASSENGER ELEVATORS

DESIGN GUIDE

Ceiling Design  Hall Design
Signal Fixtures  Observation Cars
Interior        Materials and Colors
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</table>
**Ceiling Variation & Car Finish**

**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-595 (three sides)
- **Mirror** None

---

**Design Change Variations**

- **Ceiling (L210S)** Panel: Stainless-steel, hairline-finish
  - Walls: Painted steel sheet [Y014: Red-violet]
  - Flooring: PR812: Dim-gray
  - Handrail: YH-59S (rear side only)
  - Mirror: None

- **Ceiling (L210S)** Panel: Stainless-steel, hairline-finish
  - Walls: Painted steel sheet [Y033: White]
  - Flooring: PR803: Gray
  - Handrail: YH-598 (rear side only)
  - Mirror: YZ-55SN (Full height)

---

Actual colors may differ slightly from those shown.
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-4)
  - Flooring: PR812: Dim-gray
  - Handrail: None
  - Mirror: YZ-55SN (Full height)

- Ceiling (L400) Panel: Painted steel sheet [Y055: Dark gray]
  - Walls: Painted steel sheet [Y071: Neutral beige]
  - 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 [Y075: Dark gray]
  - Walls: Painted steel sheet [Y077: Neutral beige]
  - Flooring: PR812: Dim-gray
  - Handrail: YH-59S (rear side only)
  - Mirror: YZ-52A (Half-size)

Actual colors may differ slightly from those shown.
Car Design Example

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 □□□□ None
Mirror □□□□ YZ-55SN (Full height)

■ Design Change Variations

- Ceiling (N300S) □□□□ Panel: Stainless-steel, hairline-finish
- Walls □□□□ Stainless-steel, hairline-finish
- Flooring □□□□ PR812: Dim-gray
- Handrail □□□□ YH-59S (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)

Actual colors may differ slightly from those shown.
### Ceiling Variation & Car Finish

#### FE10

**Ceiling with emergency trap door for EN81-72**

NEXIEZ-MRL Only

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panels: [Center]</td>
<td>Painted steel sheet [Y033: White] with emergency trap door</td>
</tr>
<tr>
<td></td>
<td>Milky white resin panels</td>
</tr>
<tr>
<td></td>
<td>Lighting: Lighting on both sides</td>
</tr>
<tr>
<td>Walls</td>
<td>Painted steel sheet [Y033: White]</td>
</tr>
<tr>
<td>Transom panel</td>
<td>Painted steel sheet [Y033: White]</td>
</tr>
<tr>
<td>Doors</td>
<td>Painted steel sheet [Y033: White]</td>
</tr>
<tr>
<td>Front return panels</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Kickplate</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Flooring</td>
<td>PR812: Dim-gray</td>
</tr>
<tr>
<td>Car operating panel</td>
<td>CBV1-N738</td>
</tr>
<tr>
<td>Handrail</td>
<td>YH-S9M (three sides)</td>
</tr>
</tbody>
</table>

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

#### S00

**Simple and easy to coordinate with various car designs**

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling (S00)</td>
<td>Panel: Painted steel sheet [Y033: White] with a milky white resin lighting cover</td>
</tr>
<tr>
<td>Walls</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Transom panel</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Doors</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Front return panels</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Kickplate</td>
<td>Aluminum</td>
</tr>
<tr>
<td>Flooring</td>
<td>PR803: Gray</td>
</tr>
<tr>
<td>Car operating panel</td>
<td>CBV1-N712</td>
</tr>
<tr>
<td>Handrail</td>
<td>YH-S9S (three sides)</td>
</tr>
</tbody>
</table>

### Car Design Example

- **Ceiling** (FE10)
  - Panels: [Center]
    - Painted steel sheet [Y033: White] with emergency trap door
  - 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-S9M (three sides)

### Car Finishes

<table>
<thead>
<tr>
<th>Material/Finish</th>
<th>Wall</th>
<th>Ceiling</th>
<th>Transom</th>
<th>Doors</th>
<th>Front return panels</th>
<th>Kickplate</th>
<th>Flooring</th>
<th>Sid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painted steel sheet</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Painted steel sheet with etched pattern*1</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Colored stainless-steel, hairline-finish</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Colored stainless-steel, hairline-finish with etched pattern*2</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Stainless-steel, mirror-finish</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Aluminum</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Glass panels (1300(H) × 300(W))*3</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Two-way doors*4</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Aluminum (a finger) (in three colors)</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Rubber tile/carpet/marble/granite (supplied by customer)</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Extruded hard aluminum</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
<tr>
<td>Stainless-steel</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Sid</td>
</tr>
</tbody>
</table>

**Notes:**

*1: Etching pattern EPA-1~6 only.
*2: Etching pattern EPA-3~6 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.
Car Operating Panels

For side wall

**Actual colors may differ slightly from those shown.**

### 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 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.

---

**Button line-up**

<table>
<thead>
<tr>
<th>Illumination colors</th>
<th>White</th>
<th>Blue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>CBV1</td>
<td>CBV3</td>
</tr>
<tr>
<td>Blue</td>
<td>CBV5</td>
<td></td>
</tr>
</tbody>
</table>

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**Segment LED indicator**

For EN81-70

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

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

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

**Dot LED indicator**

For EN81-70

- CBV-N718*1, 2, 4 (CBV-N717)*1, 2, 3

- CBV-N728*1, 2 (CBV-N727)*1, 2, 3

- CBV-N738*1, 2

**Keypad type for EN81-70**

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

---

**For EN81-72 and EN81-70**

- LCD indicator

- CBV-N718*1, 2, 4 (CBV-N717)*1, 2, 3

- CBV-N728*1, 2 (CBV-N727)*1, 2, 3

- CBV-N738*1, 2

---

**Actual colors may differ slightly from those shown.**
Mirrors

- **YZ-52A**
  - Half-size

- **YZ-53A**
  - 2-mirror set

- **YZ-55N**
  - 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.*
Entrance Finish

E-102  Narrow Jamb  

Entrance Design Example of E-102
- Jamb: Stainless-steel, hairline-finish
- Doors: Stainless-steel, hairline-finish
- Hall position indicator and button: PIV1-A1010N

E-212  Square 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-A315
- Hall button: HBV1-C710N

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: SUS-HL
- Hall position indicator: PID-D417
- Hall button: HBV1-C710N

Materials/Finishes

- Jamb
- Transom panel
- Doors
- Hall position indicator
- Hall button

Standard  Optional  Optional

Stainless-steel, hairline-finish (SUS-HL)  Standard  Optional  Standard
Painted steel sheet  Optional  Optional
Stainless-steel, hairline-finish with etched pattern (SUS-HL)  Optional  Optional
Stainless-steel, mirror-finish (SUS-M)  Optional
Glass Windows [1300(H)×300(W)]  Optional
See-through doors  Optional
Extruded hard aluminum  Optional
Stainless-steel  Optional

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

Actual colors may differ slightly from those shown.
Hall Signal Fixtures

---

**Hall position indicators and buttons**

Segment LED indicator

With plastic case

- PIV-A1010N
- PIV-A1020B

- PIV-C766N
- PIV-C776N
- PIV-C710N
- PIV-C720N

Segment LED indicator

- PIV-A1010N
- PIV-A1020B

- PIV-C766N
- PIV-C776N
- PIV-C710N
- PIV-C720N

---

**Hall lanterns**

- HLV-A31S
- HLH-A31S
- HLV-A16S
- HLH-A16S

---

**LCD position indicator**

- PIH-D417 (5.7-inch)
- PIH-D415 (Dot LED indicator)
- PIH-D417 (Segment LED indicator)

---

**LCD information displays**

- PIH-C216 (10.4-inch)  
- PIH-D417 (Built into transom panel)

---

**Hall position indicator with lantern**

- PIH-C226 (15-inch)

---

**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 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 ■ replaced with a number representing illumination color (e.g., PIV1, PIV2, etc.). Please refer to button line-up on this page for illumination colors.

*4 These types are applicable to EN81-70 compliant elevators only in 1C-2BC where one car is controlled independently.

*5 These types are not applicable to elevators complying with EN81-70.

*6 Only elevator status messages are available.

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Actual colors may differ slightly from those shown.
Natural light gives the car a spacious atmosphere

Observation Cars

NEXIEZ-MRL Only

Glass Arrangements

NY-30A
Rear & both sides

NY-30B
Rear

NY-30C
Both sides

NY-30D
Rear & one side

NY-30E
Rear & one side

Ceiling
L2105
Lighting
Downlights (LEDs)
Mullions (interior)
Stainless-steel, hairline-finish
Mullions (exterior)
Painted finish (N5.5: gray)
Windows
Translucent flat glass
Glass frames
Aluminum
Transom panel
Stainless-steel, hairline-finish
Doors
Stainless-steel, hairline-finish
Front return panel
Stainless-steel, hairline-finish
Kickplate
Stainless-steel, hairline-finish
Flooring
PR812: Dim-gray
Car operating panel
CBV1-N712
Handrail
Stainless-steel, hairline-finish
(NH-555)

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.
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.

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.