MITSUBISHI ELECTRIC
Changes for the Better

PASSENGER ELEVATORS

DESIGN GUIDE

Ceiling Design  Hall Design  Observation Cars
Signal Fixtures  Materials and Colors
Interior
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## Car Design

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## Hall Design

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## Observation Cars

NEXEZ - MRL Only 19-20

## Materials and Colors

21-22
L210 | Sophisticated atmosphere created by downlights and shadows

### Car Design Example

- **Ceiling**
- **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 (both sides)
- **Mirror**
  - None

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

- **Ceiling (L210)**
  - Panel: Painted steel sheet [Y055: Dark gray]
- **Walls**
  - Stainless-steel, hairline-finish with etched pattern (EPA-2)
- **Flooring**
  - PR810: Ocher
- **Handrail**
  - YH-595 (three sides)
- **Mirror**
  - YZ-51A (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)

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

L400 | Softly lit illuminated ceiling with a sparkling slitted frame

Car Design Example

Ceiling (L400) Panel: Painted steel sheet [Y055: Dark gray]
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 YH93S (both sides)
Mirror YZ-535N (Full height)

Ceiling (L400) Panel: Painted steel sheet [Y055: Dark gray]
Walls Colored stainless steel, hairline-finish with etched pattern (Gold EPA-1)
Flooring PR803: Gray
Handrail YH-59M (three sides)
Mirror YZ-55SN (Full height)

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 YH-59S (three sides)
Mirror None

Ceiling (L400) Panel: Painted steel sheet [Y073: Light beige]
Walls Stainless-steel, mirror-finish
Flooring PR812: Dim-gray
Handrail YH-595 (three sides)
Mirror None

Ceiling (L400) Panel: Painted steel sheet [Y073: Light beige]
Walls Stainless-steel, mirror-finish
Flooring PR812: Dim-gray
Handrail YH-595 (three sides)
Mirror None

Ceiling (L400) Panel: Painted steel sheet [Y071: Neutral beige]
Walls Stainless-steel, mirror-finish
Flooring PR812: Dim-gray
Handrail YH-595 (three sides)
Mirror None

Actual colors may differ slightly from those shown.
N300 | Terraced design with illusion of increased ceiling height

Car Design Example


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

<table>
<thead>
<tr>
<th>Ceiling (N300)</th>
<th>Panel: Stainless-steel, hairline-finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walls</td>
<td>Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td>Flooring</td>
<td>PR803: Gray</td>
</tr>
<tr>
<td>Handrail</td>
<td>YH-59R (three sides)</td>
</tr>
<tr>
<td>Mirror</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ceiling (N300)</th>
<th>Panel: Painted steel sheet [Y033: White]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walls</td>
<td>Stainless-steel, hairline-finish with etched pattern (EPA-3)</td>
</tr>
<tr>
<td>Flooring</td>
<td>PR812: Dim-gray</td>
</tr>
<tr>
<td>Handrail</td>
<td>YH59S (both sides)</td>
</tr>
<tr>
<td>Mirror</td>
<td>None</td>
</tr>
</tbody>
</table>

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

#### S00 - Standard
Simple and easy to coordinate with various car designs

#### FE10
Ceiling with emergency trap door for EN81-72

### Car Design Example

- **Ceiling (S00):**
  - Panel: Painted steel sheet [Y033: White]
  - 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)

### Observations Cars (NEXIEZ-MRL Only)

#### Materials and Colors

<table>
<thead>
<tr>
<th>Ceiling Variation &amp; Car Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ceiling</strong></td>
</tr>
<tr>
<td>- Painted steel sheet</td>
</tr>
<tr>
<td>- Milky white resin lighting</td>
</tr>
<tr>
<td><strong>Walls</strong></td>
</tr>
<tr>
<td>- Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td><strong>Transom panel</strong></td>
</tr>
<tr>
<td>- Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td><strong>Doors</strong></td>
</tr>
<tr>
<td>- Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td><strong>Front return panels</strong></td>
</tr>
<tr>
<td>- Stainless-steel, hairline-finish</td>
</tr>
<tr>
<td><strong>Kickplate</strong></td>
</tr>
<tr>
<td>- Aluminum</td>
</tr>
<tr>
<td><strong>Flooring</strong></td>
</tr>
<tr>
<td>- PR803 [Gray]</td>
</tr>
<tr>
<td><strong>Car operating panel</strong></td>
</tr>
<tr>
<td>- CBV1-N712</td>
</tr>
</tbody>
</table>

Actual colors may differ slightly from those shown.
Notes:
*1: The symbol ■ is replaced with a number representing illumination colors (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.
**Entrance Finish**

**E-102 Narrow Jamb**
- Stainless-steel, hairline-finish
- Hall position indicator and button: PIV1-A1010N

**E-202 Square Jamb**
- Stainless-steel, hairline-finish
- Painted steel sheet (Y014: Red-violet)
  - Hall position indicator: PID-D417
  - Hall button: HBV1-C710N

**E-302 Splayed Jamb**
- Stainless-steel, hairline-finish

**Entrance Design Example of E-302**
- Jamb: Stainless-steel, hairline-finish
- Doors: Painted steel sheet (Y014: Red-violet)
- Hall position indicator: PID-D417
- Hall button: HBV1-C710N

**E-212 Square Jamb with Transom Panel**
- Stainless-steel, hairline-finish
- See-through doors
- Hall lantern: HLV-A315
- Hall button: HBV1-C710N

**E-312 Splayed Jamb with Transom Panel**
- Stainless-steel, hairline-finish
- See-through doors
- Hall lantern: HLV-A315
- Hall button: HBV1-C710N

**Entrance Design Example of E-312**
- Jamb: Stainless-steel, hairline-finish
- Doors: See-through doors
- Hall lantern: HLV-A315
- Hall button: HBV1-C710N

**Entrance Design Example of E-312**
- Jamb: Stainless-steel, hairline-finish
- Doors: See-through doors
- Hall lantern: HLV-A315
- Hall button: HBV1-C710N

*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-A1010B
  - PIV-A1020N
  - PIV-A1020B

- **Segment LED indicator**
  - PIV-C710N
  - PIV-C720N

- **LCD indicator**
  - PIV-C766N
  - PIV-C776N

- **Dot LED indicator**
  - PIV-C730N
  - PIV-C740N

**Hall buttons**

- With plastic case
  - HBV-A1010N
  - HBV-A1010B
  - HBV-C710N

**Button line-up**

- Standard
  - PIV1/HBV1
  - PIV3/HBV3
  - PIV5/HBV5

**Hall lanterns**

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

**LCD position indicator**

- PIH-C117 (5.7-inch)

**Hall position indicators**

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

**LCD information displays**

- PIH-C216 (10.4-inch)

**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.

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**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., PIV-C710N, etc.). Please refer to button line-up on this page for illumination colors.
4. These hall position indicators and 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.
5. Only elevators status messages are available.
6. Actual colors may differ slightly from those shown.
10.4-inch Touch Screen

Surface mounted type

Keypad

Dot LED display (orange when illuminated)

HSVF-C212  HSVF-C222  HSVF-C232

With speaker for audio guidance

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

Card reader mount option

Card reader mount option is available for all left fixtures.

LCD display (5.7-inch)

HSVF-C264  HSVF-C274  HSVF-C284

With speaker for audio guidance

Stainless-steel matte buttons
- Numbers: Flat
- Star: Tactile
- Minus: Tactile
- Accessibility symbol: Tactile

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.
Natural light gives the car a spacious atmosphere

Ceiling: L210S
Lighting: Downlights (LEDs)
Mullions (interior): Stainless-steel, hairline-finish
Mullions (exterior): Painted finish (N5.5: gray)
Windows: Transparent, 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 (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
## Car Walls, doors and transom panel

### Colored stainless-steel, hairline-finish
- Gold
- Bronze

### Etching patterns (gold or bronze)
- EPA-1
- EPA-2
- EPA-3

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

### Stainless-steel Hairline-finish (Applicable to L210S or N300S only)
- Y033 White
- Y071 Neutral beige

### Flooring
- Durable vinyl tiles
  - PRB803 Gray
  - PRB12 Dim-gray
  - PRB801 Cream beige
  - PRB10 Ocher

### Car Finish Application Table

<table>
<thead>
<tr>
<th>Material/Finish</th>
<th>Materials</th>
<th>Walls</th>
<th>Doors</th>
<th>Ceiling</th>
<th>Jamb</th>
<th>Transom panel</th>
<th>Sill</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>
</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>
</tr>
<tr>
<td>Colored stainless-steel, hairline-finish with etched pattern</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Painted steel sheet with etched pattern</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

**Notes:**
1. *EPA-1~6 only* only
2. *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. *Only available in a 2-panel center opening doors (CO)*

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## Ceiling

### Painted steel sheet
- Painted steel sheet
- Stainless-steel Hairline-finish

### Stainless-steel Hairline-finish (Applicable to L210S or N300S only)
- Y033 White

### [Hall] Doors, transom panel and jamb

### Entrance Finish Application Table

<table>
<thead>
<tr>
<th>Material/Finish</th>
<th>Materials</th>
<th>Transom panel</th>
<th>Doors</th>
<th>Sill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless-steel, hairline-finish (SUS-HL)</td>
<td>Standard</td>
<td>Optional</td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>Painted steel sheet</td>
<td>Optional</td>
<td>Optional</td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>Colored stainless-steel, hairline-finish with etched pattern (SUS-HE)</td>
<td>Optional</td>
<td>Optional</td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>Standard</td>
<td>Optional</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>Glass windows [1300(H)×300(W)]</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>Durable vinyl tiles (3mm thick)</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>Aluminum Hardened plate (3)</td>
<td>Standard</td>
<td>Optional</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>Flexible or rigid tube (Supplied by customer)</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>Engraved hard aluminum</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. *EPA-1~6 only* only
2. *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. *Only available in 2-panel center opening doors (CO)*

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**Actual colors may differ slightly from those shown.**
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, our elevators, escalators and building system products are renowned for their excellent efficiency, energy savings and comfort.

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www.MitsubishiElectric.com/elevator

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