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 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. The technologies and skills cultivated at the Inazawa Works in Japan and 12 global manufacturing factories are utilized in a worldwide 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.
Modern & Fun

The name says it all. An affordable standard elevator that is stylish, safe and incorporates advanced technologies that ensure smart operation that saves energy every day. No wonder our new compact elevator joins the NEXIEZ-Series.

The elevator’s simple design complements virtually all architectural styles, and the selection of colors available is equally impressive. Additionally, enjoy excellent cost savings, speedy delivery, and the unwavering safety inherent of Mitsubishi Electric elevators.

Enjoy a safe, stylish and smart lifestyle with NEXIEZ-S.
Quality in Motion™

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.

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.

Principle

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.

Efficiency

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.

Contents

Space-saving ........................................ 5
Safety and Comfort ................................ 6
Car Designs ......................................... 7
Hall Designs ......................................... 12
EN81-70 Compliance ............................. 13
Materials and Colors ............................. 14
Basic Specifications .............................. 15
Features ............................................ 17
Important Information on Elevator Planning 18
Space-saving

Machine-room-less Elevators
As all equipment is installed within the hoistway, there are fewer restrictions on building design except for the actual space required for the hoistway. Architects and interior designers have more design freedom.

Safety and Comfort
Features to help everyone travel safely and comfortably

Click-type Hall Call Button with Hall Lantern Function: HBEHL *1
When the car is about to arrive at a floor, the hall button flashes to inform passengers of car arrival.

Safety Ray: SR *2
An infrared-light beam covers the full width of the doors to detect passengers or objects as the doors close.

Multi-beam Door Sensor (Optional) *2
Multiple infrared-light beams cover some height of the doors to detect passengers or objects as the doors close.

Mitsubishi Emergency Landing Device: MELD (Optional)
Upon power failure, the car automatically moves to the nearest floor using a rechargeable battery to facilitate the safe evacuation of passengers.

Notes:
*1: The HBEHL feature is provided to the hall buttons (without indicator).
*2: The application differs depending on regulation. See page 17 for details.
Car Designs

N700  Standard  Simple yet stylish car designs attractively complement any interior, providing easy coordination and freedom of application to almost any building design.

Standard Car Design
- Ceiling: N700: Painted steel sheet (Y033: white)
- Side walls: Stainless-steel, hairline-finish
- Rear wall: Stainless-steel, hairline-finish
- Front return panel: Stainless-steel, hairline-finish
- Flooring: Durable vinyl tiles (PR801: cream beige)

L700  White downlight design utilized to create new elevator car interior look with elegant lighting atmosphere and sophisticated appearance.

Car Design Example
- Ceiling: L700: Painted steel sheet (Y055: dark gray)
- Side walls: Painted steel sheet (Y014: red-violet)
- Rear wall: Stainless-steel, hairline-finish
- Front return panel: Stainless-steel, hairline-finish
- Flooring: Durable vinyl tiles (PR812: dim-gray)

Actual colors may differ slightly from those shown.
Car Designs

Color Variations

The feeling of spaciousness created by a wide range of wall color variations is complemented by new lighting fixtures that produce an elegant, comfortable car atmosphere.

Car Walls

<table>
<thead>
<tr>
<th>Side and rear walls: stainless-steel, hairline-finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless-steel</td>
</tr>
</tbody>
</table>

Combination wall

| Side walls: painted steel |
| Rear wall: stainless-steel, hairline-finish |

Color walls

<table>
<thead>
<tr>
<th>Side and rear walls: painted steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Side and rear walls: laminated steel</td>
</tr>
</tbody>
</table>

Side wall colors

<table>
<thead>
<tr>
<th>Y014</th>
<th>Y116</th>
<th>Y033</th>
<th>Y119</th>
<th>Y117</th>
<th>Y118</th>
<th>LA03</th>
<th>LA02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red-violet</td>
<td>Blue</td>
<td>White</td>
<td>Carrot orange</td>
<td>Lime green</td>
<td>Light grayish blue</td>
<td>Washed Oak</td>
<td>Oiled Walnut</td>
</tr>
</tbody>
</table>

Car Front (Doors, Transom Panel and Front Return Panel)

Stainless-steel, hairline-finish

Doors with window (W: 200 x H: 1300)*

* Applicable only when the entrance width (JJ) is 800mm, but not comply with EN81-1.

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

**Car Operating Panels**

- CBV1-M760 (without intercom or AAN feature)
- CBV1-M760 (with intercom and/or AAN feature)
- CBV1-M762 (for EN81-70)

**Handrail and Mirror**

- Handrail
- Mirror

- YH-595 (Stainless-steel, hairline-finish)
- YZ-52AN

**Hall Designs**

**Hall Buttons**

- HBV1-A910N

**Hall Position Indicators and Buttons**

- PIV1-A910N

**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:**

* Usage: Applicable only when the entrance width (WW) is 800mm, but not comply with EN81-1.
* 2: Segment LED indicators cannot display some letters of alphabet. Please consult our local agents for details.
* 3: Hall buttons with chime are required to comply with EN81-70 or to install AHC or ACH-B feature.

**Actual colors may differ slightly from those shown.**
EN81-70: 2003 Compliance

This EN81-70 compliant package is only for an elevator for six persons.

Materials and Colors

Car operating panel

Hall button *
Handrail

YZ-52AN

(YSSS, hairline-finish)

Hall position indicator
and button *

Hall button *

Hall position indicator
and button *

Transom panel, front
return panel and doors

(YSSS, hairline-finish)

Note:
* A slit is provided for audible signals to comply with EN81-70.

Actual colors may differ slightly from those shown.
### Basic Specifications

#### Hoistway Plan
![Hoistway Plan](image1)

**Hoistway Section**

**Entrance Layout**

**Door plan (section A-A)**

**Door elevation (section B-B)**

**Hoistway entrance**

#### Horizontal Dimensions

<table>
<thead>
<tr>
<th>Code number</th>
<th>Number of persons</th>
<th>Rated capacity (kg)</th>
<th>Rated speed (m/sec)</th>
<th>Door type</th>
<th>Entrance width (mm) JJ</th>
<th>Car internal dimensions (mm) AA/BB</th>
<th>Minimum hoistway dimensions (mm) AN/BN</th>
</tr>
</thead>
<tbody>
<tr>
<td>P4</td>
<td>4</td>
<td>320</td>
<td>25</td>
<td>700</td>
<td>800 x 1100</td>
<td>1550 x 1550</td>
<td></td>
</tr>
<tr>
<td>P6</td>
<td>6</td>
<td>450</td>
<td>20</td>
<td>800</td>
<td>1000 x 1250</td>
<td>1550 x 1650</td>
<td></td>
</tr>
</tbody>
</table>

**Vertical Dimensions**

<table>
<thead>
<tr>
<th>Travel (TR)</th>
<th>Maximum number of floors</th>
<th>Minimum overhead (mm) GH</th>
<th>Pit depth (mm)</th>
<th>Minimum floor to floor height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - 30</td>
<td>10</td>
<td>3500</td>
<td>1100** - 1500</td>
<td>2600</td>
</tr>
</tbody>
</table>

#### Reaction Loads

<table>
<thead>
<tr>
<th>Number of persons</th>
<th>Rated capacity (kg)</th>
<th>Rated speed (m/sec)</th>
<th>Car internal dimensions (mm) AA/BB</th>
<th>Reaction loads (kN)</th>
<th>Rail</th>
<th>Buffer</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>320</td>
<td>1.0</td>
<td>800 x 1100</td>
<td>R1 R2 R3 R4 R5 F1 F2</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>450</td>
<td>1.0</td>
<td>1000 x 1250</td>
<td>14 14 7 11 22</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

#### Power Feeder Data

<table>
<thead>
<tr>
<th>Capacity (kg)</th>
<th>Rated capacity (m/sec)</th>
<th>Motor output (kW)</th>
<th>Current at 400V (FLU, FLAcc) (A)</th>
<th>Breakers in control panel (A)</th>
<th>Capacity of power supply (kVA)</th>
<th>Heat emissions (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>320</td>
<td>1.0</td>
<td>2</td>
<td>6</td>
<td>11</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td>450</td>
<td>2.8</td>
<td>8</td>
<td>14</td>
<td>10</td>
<td>10</td>
<td>3</td>
</tr>
</tbody>
</table>

**Notations**

- FLU current during upward operation with full load at a power supply voltage of 400V.
- FLAcc current while accelerating with full load at a power supply voltage of 400V.

#### Feeder Size Calculation

- The feeder must be able to withstand continuous flow of the following current at an ambient temperature of 40°C.
- FLU (A) ≤ 50A ------ 1.25 × FLU (A)
- (FLU (A): current during upward operation with full load at a power supply voltage of E (V))
- (FLAcc (A): current while accelerating with full load at a power supply voltage of E (V))

**Wire length (m) ≤ Coefficient × E (V)/FLAcc (A)**

**Notes**

- Please consult our local agents for the control panel.
- When a car finish flooring is supplied by the customer, the minimum pit depth shall be 1120mm. Please consult our local agents for details.

#### Applicable Standards

- NEXIEZ-S complies with Mitsubishi Electric standard or EN81-1. For details on compliance, please consult our local agents.
- Please consult our local agents for how to install the control panel.

---

**Terms of the table**

- The table shows standard specifications without counterweight safety, regardless of whether fireproof landing doors are provided or not.
- Please consult our local agents for other specifications.
- Rated capacity is calculated at 75kg per person, as required by EN81-1.
- 2S: 2-panel side sliding doors.
- Minimum hoistway dimensions (AH and BH) shown in the table are after waterproofing of the pit and do not include plumb tolerance.

---

**Control panel** *(Top floor only)*

**Entrance width:** JJ 100

**Wall Finish**

- Finished wall

---

**FLU (A): current during upward operation with full load at a power supply voltage of E (V)**

**FLAcc (A): current while accelerating with full load at a power supply voltage of E (V)**

**Coefficient**

- Refer to the table below for coefficients.

---

**The current size of the grounding wire is determined according to the current rating of the non-fuse (NF) breaker on the power source side.**

**The current rating of the non-fuse (NF) breaker on the power source side should be one level larger than that on the control panel side.**

---

**References**

- Power Feeder Data
- Feeder Size Calculation

---

**Notes**

- Please consult our local agents for the control panel.
- When a car finish flooring is supplied by the customer, the minimum pit depth shall be 1120mm. Please consult our local agents for details.
**Features**

**EMERGENCY OPERATIONS AND FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Abbreviation</th>
<th>Mitsubishi Electric standard</th>
<th>EN81-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earthquake Emergency Return</td>
<td>EBR-S</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Fire Emergency Return</td>
<td>FER</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Fire Fighters' Emergency Operation</td>
<td>FE</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Mitsubishi Emergency Landing Device</td>
<td>MELD</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Operation by Emergency Power Source — Automatic</td>
<td>OEPS-5A</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

**DOOR OPERATION FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Abbreviation</th>
<th>Mitsubishi Electric standard</th>
<th>EN81-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Door Speed Control</td>
<td>DSAC</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Door Load Detector</td>
<td>DLD</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Door Nudging Feature — With Buzzer</td>
<td>NSC</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Door Sensor Self-diagnosis</td>
<td>DODA</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Multi-beam Door Sensor</td>
<td>-</td>
<td>Optional</td>
<td>Standard</td>
</tr>
<tr>
<td>Reopen with Hall Button</td>
<td>ROHB</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Repeated Door-close</td>
<td>DCO</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Safety Door Edge</td>
<td>SDE</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Safety Ray</td>
<td>SR</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

**OPERATIONAL AND SERVICE FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Abbreviation</th>
<th>Mitsubishi Electric standard</th>
<th>EN81-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car Call Canceling</td>
<td>CCCC</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Car Fan Shut Off — Automatic</td>
<td>CFO-A</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Car Light Shut Off — Automatic</td>
<td>CLO-A</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>False Call Canceling — Car Button Type</td>
<td>FCC-P</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Independent Service</td>
<td>IND</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Next Landing</td>
<td>NXL</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Non-service Temporary Release for Car — Card Reader Type</td>
<td>NSCR-C</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Out-of-service by Remote Control — Hall</td>
<td>HOS</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Overload Holding Stop</td>
<td>OHG</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Safe Landing</td>
<td>SFL</td>
<td>Standard</td>
<td>Standard</td>
</tr>
</tbody>
</table>

**SIGNAL AND DISPLAY FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Abbreviation</th>
<th>Mitsubishi Electric standard</th>
<th>EN81-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Announcement</td>
<td>AAN-B</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Car Arrival Chime (Hall) — Buzzer type</td>
<td>ACH-B</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Car Call Button with Response Sound type</td>
<td>ACH-B</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Click type Hall Call Button with Hall Lantern Function</td>
<td>HHBEHL</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Emergency Bell</td>
<td>EMB</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Emergency Car Lighting</td>
<td>ECL</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Half Call Button with Response Sound Type</td>
<td>ASCH</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Inter-communication System</td>
<td>RTP</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Voice Guidance System</td>
<td>AAN-G</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Notes:
1. After card authentication, NSCR-C feature for NEXIEZ-S allows registration of a car call to all restricted floors but not to an individual floor.
2. ROB feature is applicable when the number of stops is 8 or less.
3. ACB, AHC and AECH-B features are required to comply with EN81-70.
4. HBESL feature does not function on the floors where hall position indicators and buttons are installed.
5. HBEHL feature does not function on the floors where hall position indicators and buttons are installed.
6. AAN-G feature is required to comply with EN81-70.

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**Important Information on Elevator Planning**

**Work Not Included in Elevator Contract**

The following items are excluded from Mitsubishi Electric’s elevator installation work. Their conditions and other details are to be confirmed with local laws such as elevator codes or Mitsubishi Electric’s elevator requirements on the responsibility of the building owner or general contractor.

- Architectural finishing of walls and floors in the vicinity of the entrance hall after installation has been completed.
- Construction of an illuminated, ventilated and waterproof hoistway that conforms to Mitsubishi Electric’s requirements.
- The provision of a ladder to the elevator pit if necessary.
- The provision of openings and supporting members as required for equipment installation.
- The provision of an emergency exit door and inspection door, when required, and access to the doors.
- All other work related to building construction.
- The provision of the main power and power for illumination in the hoistway by laying of the feeder wiring from the electrical switch boxes in electrical room into the hoistway.
- The provision of outlets and laying of the wiring in the hoistway, plus the power from the electrical switch box.
- The laying of conduits and wiring between the elevator pit and the terminating point for the devices installed outside the hoistway, such as the emergency bell, intercom and security devices.
- The power consumed in installation work and test operations.
- All the necessary building materials for grouting in of brackets, bolts, etc.
- The test provision and subsequent alteration as required, and eventual removal of the scaffolding as required by the elevator contractor, and any other protection of the work as may be required during the process.
- The provision of a suitable, locked space for the storage of elevator equipment and tools during elevator installation.
- The security system, such as a card reader, connected to Mitsubishi Electric’s elevator controller, when supplied by the building owner or general contractor.

Note: Work responsibilities in installation and construction shall be determined according to local laws.

**Elevator Site Requirements**

- The temperature of the elevator hoistway shall be below 40°C.
- The following conditions are required for maintaining elevator performance:
  a. The relative humidity shall be below 90% on a monthly average and below 95% on a daily average.
  b. Prevention against icing and condensation occurring due to a rapid drop in the temperature shall be provided in the elevator hoistway.
  c. The elevator hoistway shall be finished with mortar or other materials so as to prevent concrete dust.
  d. Voltage fluctuation shall be within a range of ±5% to ±10%.

**Ordering Information**

Please include the following information when ordering or requesting estimates:

- The desired number of units, speed and loading capacity
- The number of stops or number of floors to be served
- The total elevator travel and each floor-to-floor height
- Operation system
- Selected design and size of car
- Entrance design
- Signal equipment
- A sketch of the part of the building where the elevators are to be installed
- The voltage, number of phases and frequency of the power source for the motor and lighting

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Notes:
5. AAN-G feature is required to comply with EN81-70.
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. The technologies and skills cultivated at the Inazawa Works in Japan and 12 global manufacturing factories are utilized in a worldwide 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 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.