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. Visit our website at: http://www.MitsubishiElectric.com/elevator/

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.

NEXIEZ-S
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.
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.

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.
Multiple infrared-light beams cover some height of the doors to detect passengers or objects as the doors close.

One infrared-light beam covers the full width of the doors as they close to detect passengers or objects.

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.

Upon power failure, the car automatically moves to the nearest floor using a rechargeable battery to facilitate the safe evacuation of passengers.

When the car is about to arrive at the floor, the hall button flashes to inform passengers of car arrival.

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.

Click-Type Hall Call Button with Hall Lantern Function (HBEHL)
When the car is about to arrive at the floor, the hall button flashes to inform passengers of car arrival.

Safety Ray (SR)*
One infrared-light beam covers the full width of the doors as they close to detect passengers or objects.

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

Note:
* The application differs depending on regulation. See page 14 for details.
Car Designs

N700

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

Standard Car Design

Ceiling: N700: Painted steel sheet (Y033: White)
Wall (side): Stainless-steel, hairline-finish
Wall (rear): Stainless-steel, hairline-finish
Front return panel: Stainless-steel, hairline-finish
Flooring: Durable vinyl tiles (PR801: Cream beige*)

Car Design Example

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

Ceiling: L700: Painted steel sheet (Y055: Dark gray)
Wall (side): Painted steel sheet (Y014: Red-violet)
Wall (rear): Stainless-steel, hairline-finish
Front return panel: Stainless-steel, hairline-finish
Flooring: Durable vinyl tiles (PR812: Dim-gray)

Note:
* Flooring PR812 is also available as a standard color.
Car Designs

Color Variations

Stainless-steel, hairline-finish

Combination wall
Side: Painted steel sheet
Rear: Stainless-steel, hairline finish

Painted steel sheet*

Note:
* Please consult our local agents, if elevators in compliance with EN81-20/50 are required.

Car Operating Panels

Segment LED indicators *

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

Handrail and Mirror

Handrail

Mirror

YH-595 (Stainless-steel, hairline-finish)

YZ-52AN

Note:
* Segment LED indicators cannot display some letters of alphabet. However, to display “Z” in particular, an equivalent car operating panel with a dot LED indicator can be arranged. Please consult our local agents for details.
**Hall Designs**

**Standard Hall Design**
- Jamb (E-102): Stainless-steel, hairline-finish
- Doors: Stainless-steel, hairline-finish
- Hall button: HBV1-A910N

**Hall Design Example**
- Jamb (E-102): Painted steel sheet (Y033: White)
- Doors: Painted steel sheet (Y033: White)
- Hall position indicator and button: PIV1-A910N

**Hall Buttons**

**Hall Position Indicators and Buttons**
- Segment LED indicators

**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.

**EN81-70 Compliance**

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

**Car**

Mirror

**Hall**

Handrail

Note:
* Audible signals to comply with EN81-70.

**Notes:**
* Hall position indicators and buttons are for lobby floors only.
* 2: Segment LED indicators cannot display some letters of alphabet. However, to display "Z" in particular, an equivalent hall position indicators and buttons with a dot LED indicator can be arranged. Please consult our local agents for details.
* 3: Hall buttons with chime are required to comply with EN81-70 or to install AHC or AECH-B feature.
### Materials and Colors

**Car**
- **Ceiling**
  - Painted steel
    - Y033 White
    - Y055 Dark gray
- **Walls and Doors**
  - Stainless-steel
    - Y033 White
  - Painted steel
    - Y116 Blue
    - Y014 Red-violet
- **Flooring**
  - Durable vinyl tiles
    - PB801 Cream beige
    - PB812 Dim-gray
- **Hall**
  - Jamb and Doors
    - Stainless-steel
      - Hairline-finish
    - Painted steel
      - Y033 White
      - Y004 Beige

### Features

#### EMERGENCY OPERATIONS AND FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Abbreviation</th>
<th>Mitsubishi Electric standard</th>
<th>EN81-1</th>
<th>EN81-20/50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earthquake Emergency Return</td>
<td>EER-S</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Fire Emergency Return</td>
<td>FER</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Firefighters’ Emergency Operation</td>
<td>FE</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Mitsubishi Emergency Landing Device</td>
<td>MELD</td>
<td>Optional</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>
<th>EN81-20/50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Door Speed Control</td>
<td>DSAC</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Door Load Detector</td>
<td>DLD</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Door Nudging Feature --- With Buzzer</td>
<td>NDG</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Door Sensor Self-diagnosis</td>
<td>DDDA</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Multi-beam Door Sensor (without Safety Door Edge)</td>
<td>-</td>
<td>Optional</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Reopen with Hall Button</td>
<td>ROHB</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Repeated Door-close</td>
<td>RDC</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Safety Ray</td>
<td>SR</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</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>
<th>EN81-20/50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car Call Cancelling</td>
<td>CCC</td>
<td>Standard</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>
<td>Standard</td>
</tr>
<tr>
<td>Car Light Shut Off --- Automatic</td>
<td>CLO-A</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>False Call Cancelling --- Car Button Type</td>
<td>FCC-P</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Independent Service</td>
<td>IND</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Next Landing</td>
<td>NOL</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Overload Holding Stop</td>
<td>OHL</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Safe Landing</td>
<td>SFL</td>
<td>Standard</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>
<th>EN81-20/50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Announcement</td>
<td>AAN-B</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Car Alarm Chime (Hall) --- Buzzer type</td>
<td>ACH-B</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Car Call Button with Response Sound type</td>
<td>ACB</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Click-type Hall Call Button with Hall Lantern Function</td>
<td>HBEH-E</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Emergency Bell</td>
<td>EMB</td>
<td>Standard</td>
<td>Standard</td>
<td>Optional</td>
</tr>
<tr>
<td>Emergency Car Lighting</td>
<td>ECL</td>
<td>Optional</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Hall Call Button with Response Sound type</td>
<td>AHC</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Inter-communication System</td>
<td>ITP</td>
<td>Optional</td>
<td>Standard</td>
<td>Optional</td>
</tr>
<tr>
<td>Voice Guidance System</td>
<td>AAN-G</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Notes:
- *1*: AAN-B feature is required to comply with EN81-1
- *2*: AAN-G feature is required to comply with EN81-1. (AAN-B is not applicable)
- *3*: ACB, AHC, AECH-B features are required to comply with EN81-1
- *4*: This feature does not function on the floor where hall position indicators and buttons are installed.
### Basic Specifications

#### Hoistway Plan

- Shown for code number P4
- Shown for code number P6

#### 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) AdminH</th>
</tr>
</thead>
<tbody>
<tr>
<td>P4</td>
<td>4</td>
<td>1.0</td>
<td></td>
<td>JJ</td>
<td>700</td>
<td>800 x 1100</td>
<td>1500 x 1550</td>
</tr>
<tr>
<td>P6</td>
<td>6</td>
<td>1.0</td>
<td></td>
<td>JJ</td>
<td>700</td>
<td>1000 x 1250</td>
<td>1550 x 1650</td>
</tr>
</tbody>
</table>

#### Vertical Dimensions

- Rated capacity (kg)
- Rated speed (m/sec)
- Pit depth (mm)
- Minimum floor to floor height (mm)

<table>
<thead>
<tr>
<th>Rated speed (m/sec)</th>
<th>Maximum number of floors</th>
<th>Minimum overhead (mm) OH</th>
<th>Pit depth (mm) TR</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></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 (A)</th>
<th>Buffer</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>320</td>
<td>1.0</td>
<td></td>
<td>R1 14</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R2 14</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R3 7</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R4 8</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F1 7</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F2 8</td>
<td>11</td>
</tr>
<tr>
<td>6</td>
<td>450</td>
<td>1.0</td>
<td></td>
<td>1000 x 1250</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1500 x 1250</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16</td>
<td>12</td>
</tr>
</tbody>
</table>

#### Power Feeder Data

<table>
<thead>
<tr>
<th>Capacity (kg)</th>
<th>Rated speed (m/sec)</th>
<th>Motor output (kW)</th>
<th>Current at 400V</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>FLU (A) FLAcc (A) Breaker in control panel</td>
</tr>
<tr>
<td>320</td>
<td>1.0</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>450</td>
<td>1.0</td>
<td></td>
<td>2.8</td>
</tr>
</tbody>
</table>

- 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): 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).
- (FLU/A) ≤ 1.25 × FLU (A)
- (FLAcc/A) ≤ 1.25 × FLAcc (A)

#### Applicable Standards

NEXIEZ-S complies with Mitsubishi Electric standard, EN81-1 or EN81-20/50.

For details of compliance, please consult our local agents.

**Note:**
- The minimum floor to floor distance from the top to the next service floor is 2800mm.
- P4 - 1100 - 1500
- P5 - 1350 - 1550
- P6 - 1350 - 1550

---

**Reference:**
- 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 & EN81-20/50.
  - 2S: 2-panel side sliding doors.
  - Maximum hoistway dimensions (AH and BH) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
Important Information on Elevator Planning

Work Not Included in Elevator Contract

The following items are excluded from Mitsubishi Electric’s elevator installation work. Their details or conditions are to be confirmed to the statement of local laws such as elevator codes or Mitsubishi Electric elevator’s requirements, are therefore 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 waterproofed 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.
- 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.
State-of-the-Art Factories…
For the Environment. For Product Quality.

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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.

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.