



## **Observation Elevator**

## **INTEGRATED CAR**

# Advantages offered by original Mitsubishi design









Original design

Quality assuranc

Time and effort savin

Safe and secure

## Universal yet elaborate design

Our decoration is specially designed for different building applications to provide differentviews and meet the sightseeing needs. NZ11S, NZ22S, NZ31S and NZ42S square cars are available for different types of elevators.

# Complying with standards and safe & secure

Materials used for car design are in strict conformity with the fire-resistance rating requirements stated in GB 7588, so as to prevent safety risks caused by materials used for customers' redesign.

## Strict testing and long-lasting quality

Materials, processes and lighting fixtures used in original Mitsubishi design have undergone strict reliability tests, which can better guarantee the quality as compared with the quality displayed when customers redesign the car on their own.



OBSERVA ELEV

## **INTEGRATED CAR**



## NZ11S Frontdirectional view

Applicable elevator type: ELENESSA/LEHY-MRL-II/LEHY-III \*1

Ceiling ZCL-SS07S \*2 Front wall Flat laminated glass

Side wall Hairline-finish stainless steel \*3

Front hairline-finish stainless steel round handrail \*3\*4

Flooring Marble flooring ZSC-014 \*5 Door Glass door ZPKG-150A \*3\*6 Exterior panel Hairline-finish stainless steel \*3



Applicable elevator type: ELENESSA/LEHY-MRL-II/LEHY-III \*1

Ceiling ZCL-GS06 \*2

Front wall Toughened flat laminated glass Side wall Front: Toughened flat laminated glass

Rear: Hairline-finish stainless steel \*3

Handrail Front and sided hairline-finish stainless steel round handrail \*3

Marble flooringZSC-012 \*5 Flooring Door Glass doorZPKG-150A \*3\*6 Exterior panel Hairline-finish stainless steel \*3



Notes: 1. See Specifications (Page 16) for the specifications of applicable elevator type.

2. Ceiling is optional (Page 05).

3. See the Materials List for materials available for selection (Page 07).

4. For car internal width more than 1600 mm, ground poles are available for handrails (see NZ22S).

5. Flooring is optional (Page 07).

6. Car door is optional (Page 13).



Three-sided directional view (corners with columns)

Applicable elevator type: ELENESSA/LEHY-MRL-II/LEHY-III \*1

Ceiling ZCL-GS22 \*2

Front wall Flat laminated glass Side wall Side: Flat laminated glass

Central: Hairline-finish stainless steel \*3

Handrail Three-sided hairline-finish stainless steel round handrail \*3

Flooring Marble flooring ZSC-001 \*5

Glass door ZPKG-150A \*3\*6

**Exterior panel** Hairline-finish stainless steel \*3



Applicable elevator type: ELENESSA/LEHY-MRL-II/LEHY-III \*1

Ceiling ZCL-DN02 \*2

Front wall Toughened flat laminated glass Side wall Side: Toughened flat laminated glass

Central: Hairline-finish stainless steel \*3

Handrail Four-sided hairline-finish stainless steel round handrail \*3

Marble flooring ZSC-029 \*5 Flooring Glass doorZPKG-050A \*3\*6 Exterior panel Hairline-finish stainless steel \*3







## **HY05S** Semi-circle front directional view

Applicable elevator type: ELENESSA/LEHY-III \*1

Ceiling STD/SPD

Front wall Arched toughenedlaminated glass(45°+90°+ 45°)

Side wall Hairline-finish stainless steel \*3

Fronthairline-finish stainless steel round handrail \*3

Flooring PVC flooring

Door Glass door ZPKG-150A \*3\*6

ELENESA: Metallic paint (illustrated color No.: ZJS-013G)

Ladder-pattern artificial translucent stone

lighting at the top and bottom

LEHY-III: See Specifications for the appearnce (Page 16)

## **SY06S** Four-sided front direction view

Applicable elevator type: LEHY-III \*1

Ceiling ZCL0-SP01/ZCL0-SP02 Front wall Flat laminated glass

Side wall Front: Flat laminated glass

Rear: Hairline-finish stainless steel \*3

Handrail Three-sided hairline-finish stainless steel round handrail \*3

Flooring PCV flooring/parquet flooring Door Glass door ZPKG-150A \*3\*6 **Exterior panel** Hairline-finish stainless steel \*3

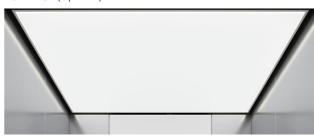


Notes: 1. See Specifications (Page 16) for the specifications of applicable elevator type.

- 2. Ceiling is optional (Page 06).
- 3. See the Materials List for materials available for selection (Page 07).
- 4. For car internal width more than 1600 mm, ground poles are available for handrails (see NZ22S).
- 5. Flooring is optional (Page 07).
- 6. Car door is optional (Page 13).

## Square car ceiling

#### **ZCL-DN02** (Optional)



Lighting: Integrated direct lighting.

Material: White translucent soft film, hairline stainless steel frame.

Thickness: 200mm.

#### ZCL-GS06 (Optional)



Lighting: Central lighting panel; Auxiliary lighting on both sides. Material: Silver painted steel sheet all around; [Center] Milky white panel; [Sides] Transparent acrylic blocks.

Thickness: 200mm.

#### ZCL-SS10 (Standard)



Lighting: Central thin light guide panels; ambient lighting at two sides.

Material: Painted steel sheet. Thickness: 100mm.

#### ZCL-SS08 (Standard)



Lighting: Central translucentlighting.

Material: [Center] Milky white printed lighting panel; [Sides] Painted steel sheet.

Thickness: 200mm.

#### ZCL-GS18 (Optional)



**OBSERVATION** 

**ELEVATOR** 

Lighting: Central floodlights; downlights all around.

Material: Ceiling: painted steel sheets all around; mirror-finish titanium

plated stainless steel frame. Thickness: 200mm.

#### **ZCL-GS22** (Optional)



Lighting: Central direct lighting; downlights on two sides.

Material: Central milky white arched lighting panels; mirror-finish stainless steel on two sides

Thickness: 200mm.

#### ZCL-SS07 (Standard)



Lighting: Direct lighting and downlights. Material: Painted steel sheet.

Thickness: 100mm.

#### ZCL-SS07S (Optional)



Lighting: Direct lighting and downlights.

Material: Stainless steel. Thickness: 100mm.

Notes: 7. LED lighting is used for car top..

8. Air vent for car top is available at the rear of both sides. Safety windows are optional. Please consult our local agents for details.

9. ZY015 is the default color number for ZCL-SS10, and Y033 for ZCL-SS08, ZCL-SS07 and ZCL-GS18. If other colors are required for painted steel sheets, see the decoration color scheme of SMEC.

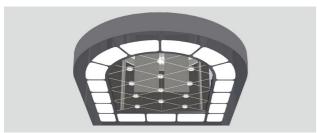
**OBSERVATION CAR CEILING DESIGN MATERIALS ELEVATOR** 

## Square car ceiling

#### ZCL-CN01 (Bare ceiling)

If the ceiling is to be decorated by the customer, its thickness must be at least 100 mm; otherwise, the internal structure will be exposed, affecting the look of the ceiling.

## **HY05S Applicable Ceiling**



Lighting: (Center) organic lamppost translucent lighting + (4 sides)

Material: (Center) mirror-finish panel + Etched strips +(4 sides) Milky white resin panels.

Thickness: 150mm

## **SY065 Applicable Ceiling**

#### ZCLO-SP01



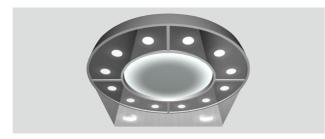
**Lighting:** Direct downlights at four corners. Material: Hairline-finish stainless steel.

Thickness: 200mm.

#### ZCL-CN08 (Bare ceiling)

If the ceiling is to be decorated by the customer, its thickness must be at least 200 mm; otherwise, the internal structure will be exposed, affecting

#### SPD



Lighting: (Center) Floodlighting + (4 sides) Organic lamppost translucent

Material: (Center) Painted steel sheet (ZY005) + (Entrance side) Mirrorfinish stainless steel.

Thickness: 150mm.

#### ZCL0-SP02



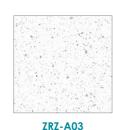
Lighting: Direct downlights at four corners. Material: Mirror-finish stainless steel.

Thickness: 200mm.

## Handrails Note: PVC composite flooring is optional. Please refer to the decoration color scheme of SMEC for color information.

# Synthetic stone flooring







ZRZ-A01

Standard marble flooring is available in marble aluminum honeycomb panels.

Marble flooring





ZSC-011









Parquet Floor









**ZPH-026** 



**ZPH-029** 





**Materials Table** 

Item	Specifications			
Car wall panel, Car door,	Painted steel sheet.			
hall door, Exterior panel, Door jamb	Hairline-finish stainless steel, Mirror-finish stainless steel, Random-pattern stainless steel, Sand-pattern stainless steel, Hairline-finish titanium plated stainless steel, Mirror-finish titanium plated stainless steel, Random-patterntitanium plated stainless steel, Sand-patterntitanium plated stainless steel.			
Front return panel	Hairline-finish stainless steel, Mirror-finish stainless steel, Random-pattern stainless steel, Sand-pattern stainless steel, Hairline-finish titanium plated stainless steel, Mirror-finish titanium plated stainless steel, Random-patterntitanium plated stainless steel, Sand-patterntitanium plated stainless steel.			
Mirror	Not available.			
Handrail	Hairline-finish and mirror-finish stainless steel round handrail.			
Flooring	Synthetic stone flooring, marble flooring, parquet flooring, and PVC composite flooring.			
Car flooring	Hard aluminum.			
Kickplate	Ordinary painted car wall panels: Painted steel sheet; Non-ordinary painted car wall panels: Hairline-finish stainless steel.			
Titanium plating	ZDT-001 (rose gold), ZDT-002 (gold), ZDT-003 (black), ZDT-004 (champagne gold), ZDT-005 (light black), and ZDT- 006 (antique brass).			
Fingerprint-resistant titanium plating	ZDT-500 (natural color), ZDT-501 (rose gold), ZDT-502 (gold), ZDT-503 (black), ZDT-504 (champagne gold), ZDT-505 (light black), and ZDT-506 (antique brass).			

## Observation Elevator

## **MAN-MACHINE** COMPONENTS

## Full-height car operating panel

The car operating panel is of the same height as and integrated with the front return panel, looking splendid.

## **EMIDS**

The new-generation EMIDS is longitudinally arranged, thus a larger display can be installed on a smaller front panel. With a newly-designed black gold interface and brand new PI, it looks low key yet luxurious and dynamic.

#### **Brand new PI**

A brand new arrow shape is used in combination with the logo elements of SMEC and a free-flowing animation, contributing to the unique characteristics of SMEC's products.







ZCB -ND60 (Auxiliary)

Front wall/side wall mounted.







ZCB -N760 (Auxiliary)

Front wall/side wall mounted.

toughened

8.4" TFT LCD

**^ 10** 

APPERSE

**^10** 



Notes: 1. For front wall ≥ 250mm, install the operating panel on the front wall; for front wall<250mm, install the operating panel on the side wall.

- 2. The symbol refers to the button model. Please select it from the "Diversified button" page.
- 3. Hairline-finish, mirror-finish, random pattern and sand pattern stainless steel can be used for the faceplate of the operating panel.
- 4. EMIDS can play multimedia information. Non-standard confirmation is required if customers wants to

ZCB ■-ND80 (Auxiliary)

Side wall mounted,

Complies with GB/T 24477.

## **MAN-MACHINE COMPONENTS**

## **Integrated Operating Panel**



Front wall mounted

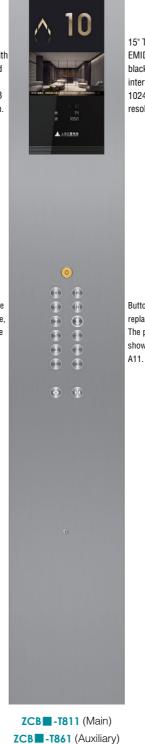




**ZCB** -T361 (Auxiliary)

Front return panel≥250mm.









Side wall

mounted





## **Wheelchair Operating Panel**





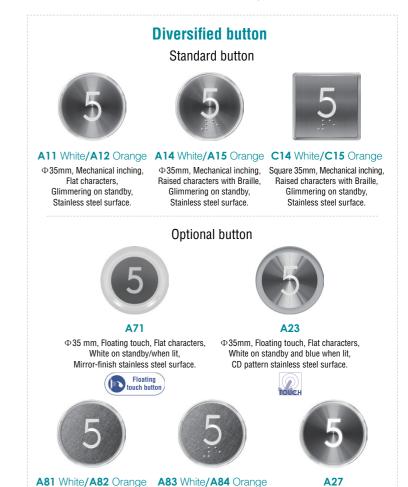
Buttons are replaceable, The picture shown is A14.

**ZCB** -**F011** (Main) **ZCB** -F061 (Auxiliary)



Buttons are replaceable, The picture shown is A14, Complies with GB/T 24477.

**ZCB** -F131 (Main) **ZCB** -F181 (Auxiliary)



Φ36.5mm, mechanical inching,

Raised characters with Braille.

Glimmering on standby,

Stainless steel surface.

**Notes:** 1. The symbol ■ refers to the button model. Please select it from the "Diversified button" page.

**ZCB** -T661 (Auxiliary)

Front return panel≥250mm.

2. Hairline-finish, mirror-finish, random pattern and sand pattern stainless steel can be used for the faceplate of the operating panel. Non-standard

confirmation is required for titanium plated stainless steel.

**ZCB** -T761 (Auxiliary)

Front return panel≥250mm.

3. If an integrated operating panel is equipped, non-standard confirmation is required.

4. EMIDS can play multimedia information. Non-standard confirmation is required if customers wants to customize the interface.

Front return panel≥250mm.

Notes: 5. Wheelchair operating panel buttons can only use A14/A15/C14/C15.

**ZCB** -R864 (Auxiliary)

6. ZCB ■ -F131/181 complies with GB/T 24477. Technical confirmation is required to determine whether the complete elevator meets the standard.

 $\Phi \text{36.5mm, mechanical inching,}$ 

Flat characters.

Glimmering on standby,

Stainless steel surface.

7. A04 and A05 buttons are only applicable to operating panels that conform to the GB/T 24477 standard.

8. Only NZ31S and NZ42S are applicable to ZCB ■ -R814/R864.

Φ50mm, mechanical inching,

Flat characters.

Stainless steel surface.

(for operating panel only)

The frame of glass hall doorshas different heights available for selection.

Standard hall door matches the mainstream interior design style.

More integrated into your building.

## **New Intelligent Hall Lantern**

Automatically adjust brightness and volume according to the environment.

Equipped with car arrival chime (AECH).

## **Half-Height Call**

um

Hidden hall cables. More beautiful with glass-wall hall.

## **Foot-Activated Call**

Foot-activated call to create a hand-free experience. Registering car calls with a foot movement.

Notes: 1. For more information of hall door design, please refer to Selected Sophisticated Design of SMEC Elevators.

2. Applicable size: 900mm \( \]J\( \) 1200mm, 2000mm \( \)H\( \) 2400mm, and (overall door jamb height) MH+HH≤4000mm.

## HALL DESIGN

### **OBSERVATION ELEVATOR**

### **Hall Door and Door Jamb**

E-102 Narrow Jamb



Material of hall door: Hairline-finish stainless steel

Material of door iamb: Hairline-finish stainless steel

Type of hall door: Glass door

## E-302 Large Bevel(10°)Jamb



Material of hall door: Hairline-finish stainless steel

Material of door jamb: Hairline-finish

Type of hall door: Standard door

stainless steel

E-312 Large Curtain-Plate Bevel (10°) Jamb



Material of hall door: Hairline-finish stainless steel

Material of door jamb: Hairline-finish stainless steel

Type of hall door: Glass door

### E-322 Large Inclined Curtain-Plate Bevel (10°) Jamb



Material of hall door: Sandblast titanium plated stainless steel, mirror-finish

Material of door jamb:

Titanium plated stainless steel, mirror-finish

Type of hall door: Standard door

#### Schematic of the Visible Part of Glass Door



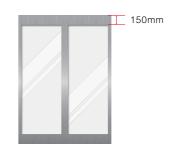
E-212U (Curtain Plate)

**Integrated Door Jamb** 

Integrated Door Jamb

E-212U (Without Curtain Plate)

ZPKG-050A



ZPKG-150A



ZPKG-200A

Note: 1. In ZPKG-xxxA, "xxx" (unit: mm) refers to the height between the upper and lower frames of the glass car doors and glass hall doors. The width between the left and right frames is always 50mm.

## HALL DESIGN

#### **Hall Position Indicators**

## Orange Segment Display

# Orange code. $(\wedge)$ $(\wedge)$ $\langle \psi \rangle$ $(\vee)$



segment Buttons are replaceable. The picture shown is A12.

Wall-mounted (without bottom box)



ZPI■-CD12 Embedded, With a bottom box:

TFT LCD



Gold Segment Display (embedded)

Embedded, With a hottom hox

Buttons are replaceable. The picture shown is A11. ZPI■-CD22 Half-length hall call buttons

4.3" TFT LCD

black gold

Buttons are

replaceable,

The picture

shown is C14.

interface.

segment





Wall-mounted

(without bottom box).

 $(\vee)$ ZPI■-GB13 ZPI■-GB23

Wall-mounted (without bottom box).

ZPI■-GD10

Wall-mounted

(without bottom box)





ZPI■-GA13 Wall-mounted



(without bottom box).



10

## **Hall Call**



ZHB■-G010 Single control.

ZHB■-G020

Duplex control



ZHB ■-H030 Single control,



ZHB ■-H041 Duplex control, Complies with GB/T 24477. Complies with GB/T 24477.

E 

(Y)



ZHBE08-G012 Foot-activated call to create a hand-free experience.

foot movement.



ZHB ■-B010 Single control. ZHB ■-B020 Registering car calls with a Duplex control.



Duplex control, Complies with GB/T 24477.

Notes: 1. The symbol ■ refers to the button model. Please select it from the "Diversified button" page.

2. Hairline-finish and mirror-finish stainless steel are available for the faceplate of the call buttons of the hall position indicator. Non-standard confirmation is required for titanium plated stainless steel.

3. ZHB 🔳 -B030/040 conforms to the GB/T 24477 standard. The symbol 🔳 refers to the model of ordinary call buttons. It can be A11, A12, C11 or C12 and will

be equipped together with the corresponding model of call buttons for disabled people (A14, A15, C14, or C15 respectively). Technical confirmation is required to determine whether the complete elevator meets the standard and other button combinations are used.

## **Hall Position Indicator**



ZPIH-CE01

28.6" TFT EMIDS with black gold interface, 1920×540 resolution. Embedded, Installed on the wall.



ZPIH-NE01

28.6" TFT EMIDS with black gold interface, 1920×540 resolution. Embedded, Applicable to E-312/E-322.



HID-A20 PIH-D415 \*3

Orange dot-matrix LED. Embedded, Installed on the wall.



HID-A10 PID-D415 \*3

Orange dot-matrix LED Embedded, Applicable to E312



ZPIH-C301

8.4" TFT LCD (black gold interface). Embedded, Installed on the wall.



ZPIH-N301

8.4" TFT LCD (black gold interface). Embedded. Applicable to E-312/E-322.



ZPIH-C804 15" EMIDS

Embedded, Installed above the hall call buttons

## Hall Lantern Note: All hall lanterns use LEDs and are available in two light colors: warm white (3000-3300k) and pure white (6500-7200k).



ZHLV-H021 With a bottom box. Hairline-finish stainless steel faceplate Misty white acrylic indicator.



ZHLV-H040 Without bottom box. Misty white acrylic indicator. Large size. 55×430mm





environment.

Car Arrival Chime (AECH)

Without bottom box. Transparent acrylicindicatorwithmisty acryliccarvings inside. Adjust the brightness and volume automatically according to the



ZHLV-R050 With a bottom box. Misty white acrylic indicator (an accurate opening required on the wall)



Without bottom box. Misty white acrylic indicator. Misty white light blocks inside. (used with AECH to meet the requirements of GB/T 24477)



ZHLH-R080

With a bottom box. Misty white acrylic indicator with misty triangle light blocks inside. Dotted with stars on the mirror-finish background. (used with AECH to meet the requirements of GB/T 24477) (installed above the lintel)

## OBSERVATION ELEVATOR

## **Integrated Car Specifications**

Car specifications									
Sample image			<b>N</b> =1				ELENESSA LEHY-III		
Car code		NZ11S	NZ22S	NZ31S	NZ42S	SY06S	HY05S		
Car shape		Square	Square	Square	Square	Square	Hoof-shaped		
Observation side		Front directional view	Front and side-front directional view (corners without columns)	Three-sided directional view (corners with columns)	Four-sided directional view (corners without columns)	Four-sided frontdirectional view	Semi-circle front directional view		
Observation window		Column	Column-less	Column	Column-less	Column-less	-		
Doc	r opening type	1D1G	1D1G	1D1G/1D2G/2D2G	1D1G	1D1G	1D1G		
Doc	r opening method	CO/2S*1	CO	CO	CO	CO	CO		
Machine-room-less									
	CAP=630kg	А	А	D	D	-	-		
	CAP=825kg	А	А	А	А	-	А		
	CAP=1050kg	А	А	А	А	-	А		
E	CAP=1200kg	А	А	А	А	-	-		
ELENESSA	CAP=1350kg	Α	А	Α	А	-	D		
SA	CAP=1600kg	А	А	А	А	-	-		
	speed (V)	1.0m/s, 1.6i	m/s, 1.75m/s, 2.0m/s (0	-	1.0m/s 1.6m/s 1.75m/s				
	CAP=1200kg	А	А	А	А	-	-		
	CAP=1350kg	А	А	А	А	-	-		
<b>=</b>	CAP=1600kg	А	А	А	А	-	-		
	CAP=1800kg	А	А	А	D	-	-		
Ĭ,	CAP=2000kg	А	А	А	D	-	-		
LEHY-MRL-II	CAP=2250kg	Α	А	Α	D	-	-		
<b>=</b>	CAP=2500kg	А	А	А	D	-	-		
	speed (V)	1.0m/s,	1.75m/s, 2.0m/s(CAP≤	-	-				
			ı	Machine-room					
LЕНҮ-III	CAP=825kg	А	А	D	D	-	-		
	CAP=1050kg	А	А	D	D	А	А		
	CAP=1200kg	А	А	D	D	А	-		
	CAP=1350kg	А	А	D	D	А	-		
	CAP=1600kg	-	-	-	-	А	-		
	speed (V)		1.0m/s, 1.6m/s, 1.75	1.0m/s 1.6m/s 1.75m/s	1.0m/s 1.6m/s 1.75m/s 2.0m/s				







# **Safety and Harmony**

Technology Changes Our Life Technology Leads the Future
Shanghai Mitsubishi Elevator Is Always With You





**Notes:** 1. 2S is only applicable to ELENESSA (standard for CAP≤1050kg; confirmation required for CAP>1050kg).

2. For other specifications, see the corresponding elevator brochure.

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