

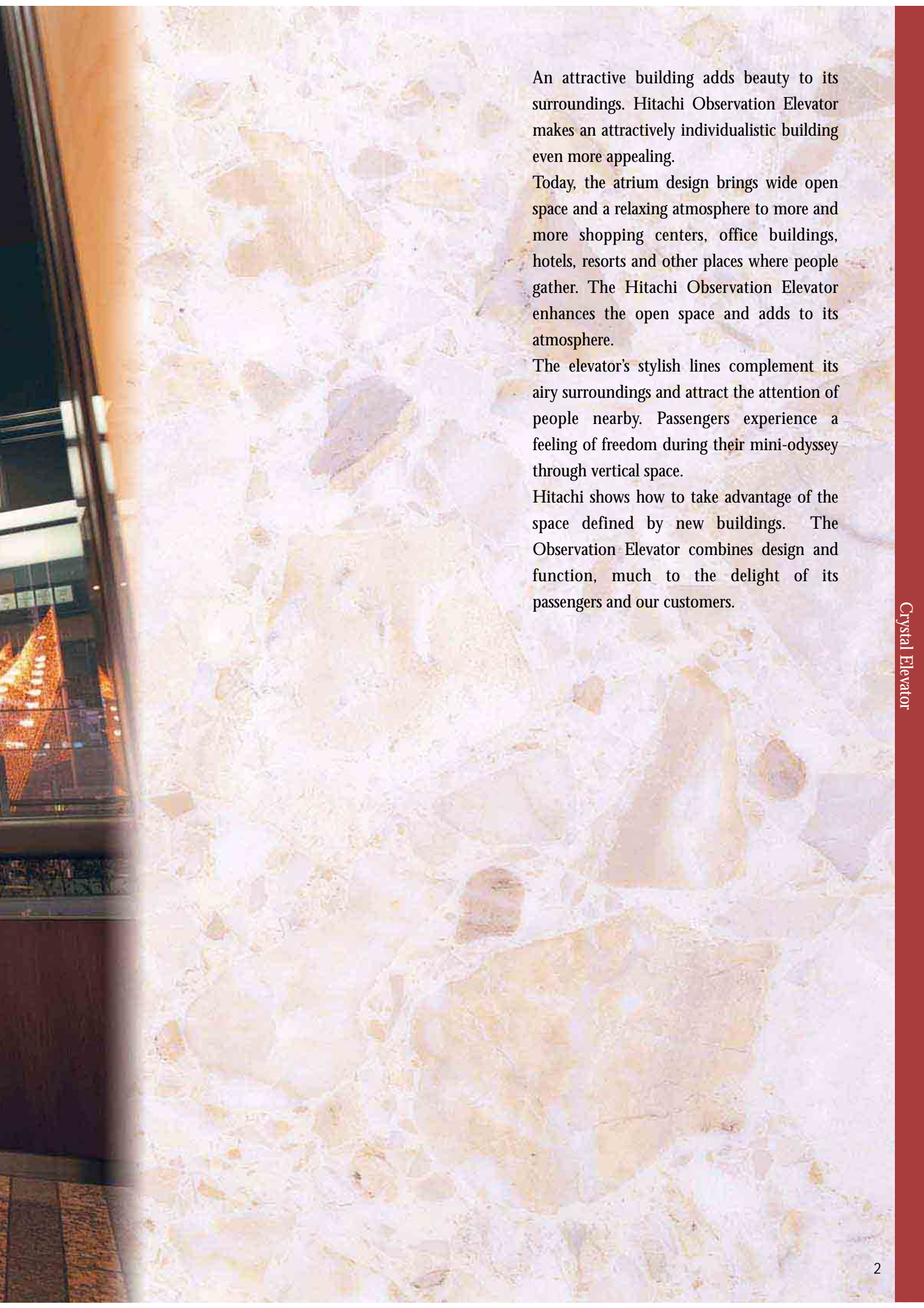
HITACHI

Crystal Hitachi Observation Elevator





More beautiful and more individual.
It will change the atmosphere of building.



An attractive building adds beauty to its surroundings. Hitachi Observation Elevator makes an attractively individualistic building even more appealing.

Today, the atrium design brings wide open space and a relaxing atmosphere to more and more shopping centers, office buildings, hotels, resorts and other places where people gather. The Hitachi Observation Elevator enhances the open space and adds to its atmosphere.

The elevator's stylish lines complement its airy surroundings and attract the attention of people nearby. Passengers experience a feeling of freedom during their mini-odyssey through vertical space.

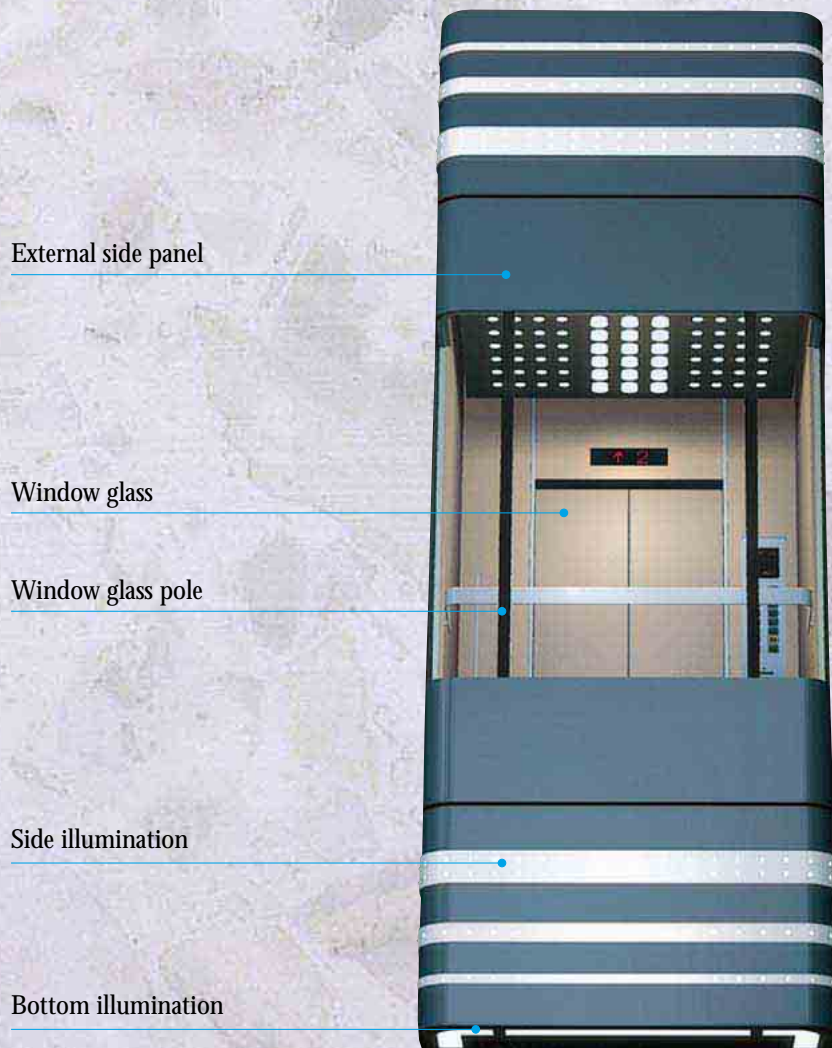
Hitachi shows how to take advantage of the space defined by new buildings. The Observation Elevator combines design and function, much to the delight of its passengers and our customers.

An observation elevator displays many individualistic characteristics.

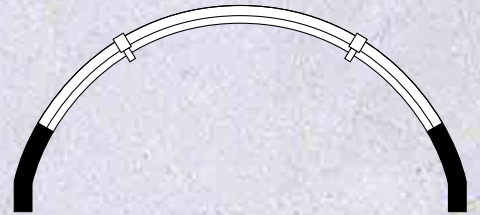
We will design for you an individualistic elevator that matches the exterior design of the building.

Car exterior designs

Car shape



Semicircular



Hexagonal



Round corners



* If other shapes are desired, please contact Hitachi.

Car exterior designs can be combined.

The exterior design can be coordinated with the building design using a variety of car shapes and combinations.

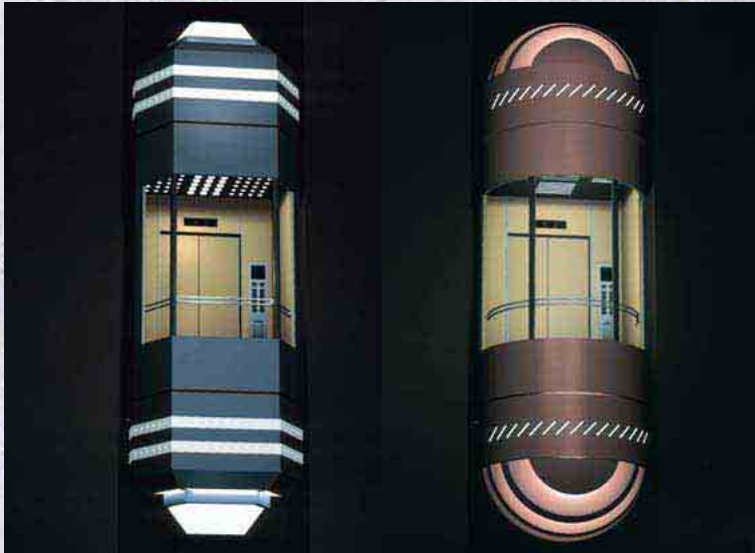
List of car shape and exterior design combinations

Outside design / Car shape	C-UX type	C-EX type	C-DX type

* For this combination, please contact Hitachi.

A fantasy world created by light.

A wide variety of design variations to emphasize the character of the building.

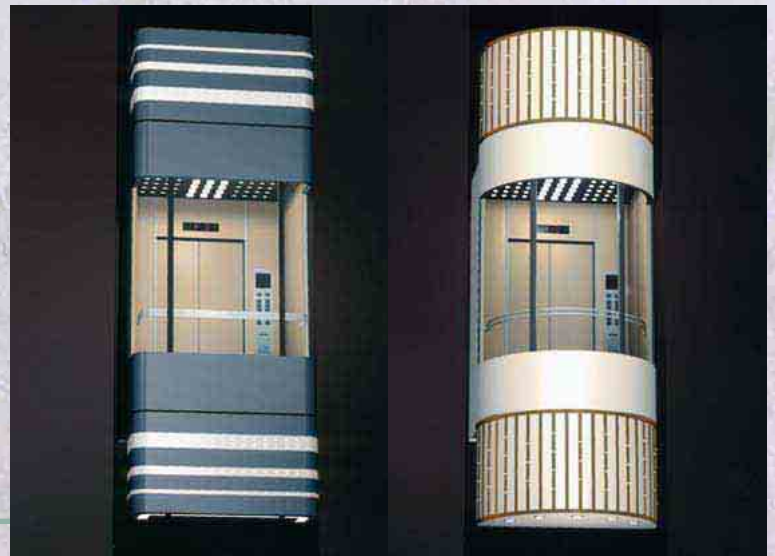


*C-UX
type*

*Light displays and fashionable designs.
Draw out the beauty of the building.*

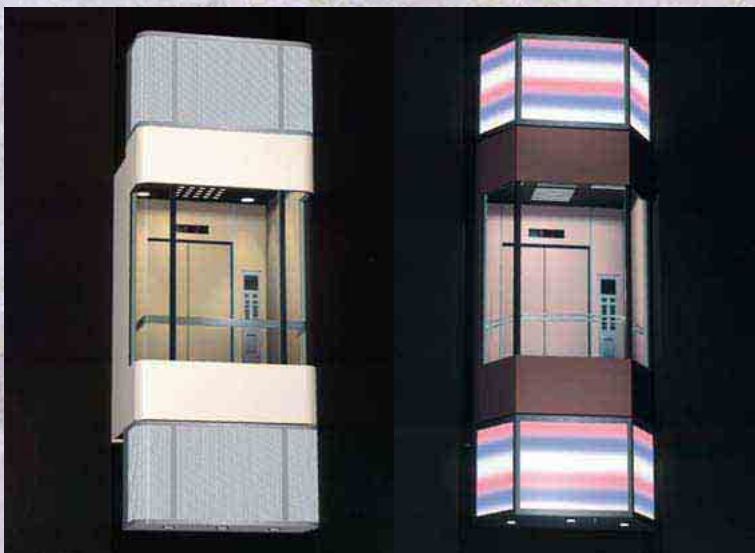
*C-EX
type*

*Flickering light illumination.
The birth of a very attractive building.*



*C-DX
type*

*Solid light stage.
Draws the attention of the people.*



* For information regarding the details for the ceiling in the car, please refer to Hitachi catalogs "Hitachi Elevators NPX" and "Hitachi Elevators NPX-8000".

Precautions for the Planning of Observation Elevators

1 Elevator car window glass

- (1) Car window glass installed below 500 mm from the floor shall be protected by metallic or other material.
- (2) A handrail shall be provided if car window glass is installed below 750 mm from the floor.

2 Hoistway glass

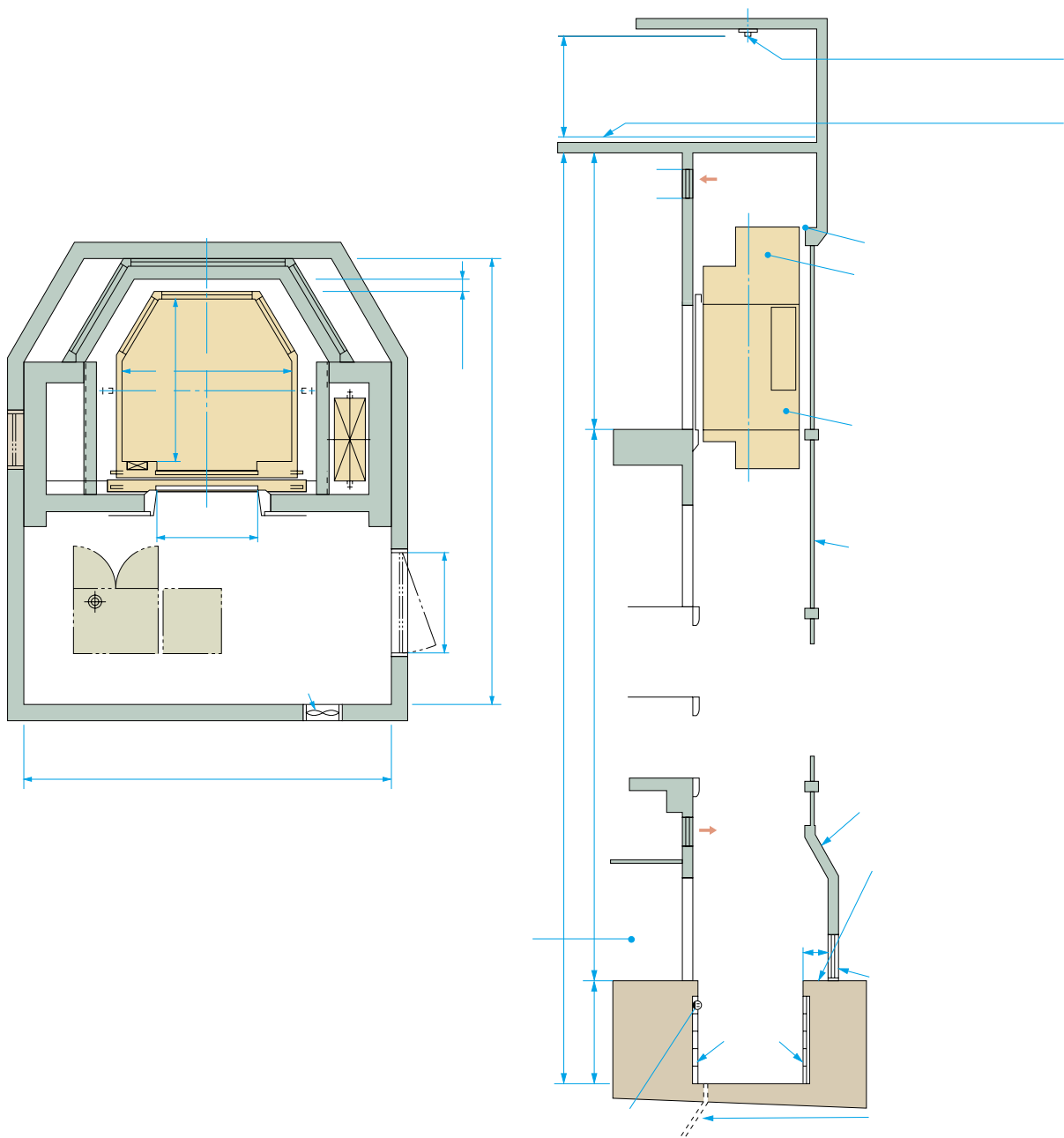
- (1) It is recommended that heat-absorbing glass be used for the hoistway glass to prevent the temperature in the hoistway from rising.
- (2) A gap of 300 mm shall be provided between the hoistway and elevator to allow space for the hoistway glass to be cleaned.
- (3) The hoistway glass structure shall be sealed to prevent water leakage from outside.

3 Air-conditioning and ventilation

- (1) To keep passengers comfortable it is recommended that air-conditioning be provided in the elevator lobby and ventilation be provided in the hoistway.
- (2) When air-conditioning is required for the elevator car:
 - (a) The air-conditioning capacity shall be 1,400 to 3,550 Kcal/h depending on the size of the elevator.
 - (b) A water drain shelf shall be provided in the hoistway pit.
 - (c) The hoistway shall be ventilated to prevent the temperature from rising inside the hoistway.

4 Others

- (1) A maintenance deck shall be provided for cleaning and maintaining the elevator car.
- (2) The hoistway shall be sheltered by a 1.8 meter high concrete wall to protect the hoistway glass from damage.



Crystal Elevator

HITACHI
Observation
Elevator

Observation Elevator
C-DX Type

C-DX-02



Car Exterior



Car Interior

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Car Interior

Ceiling : Painted steel

Acrylic panel lighting (similar to downlight)

Wall : Decorative sheet

Kick plate : Aluminum anodized

Floor : Vinyl tiles

Handrail : Stainless steel hairline finish

Window glass : Reinforced wired glass (6.8mm thick)

Window glass frame : Stainless steel hairline finish

Window glass pole : Stainless steel hairline finish

Car Exterior

Side panel : Painted sheet steel

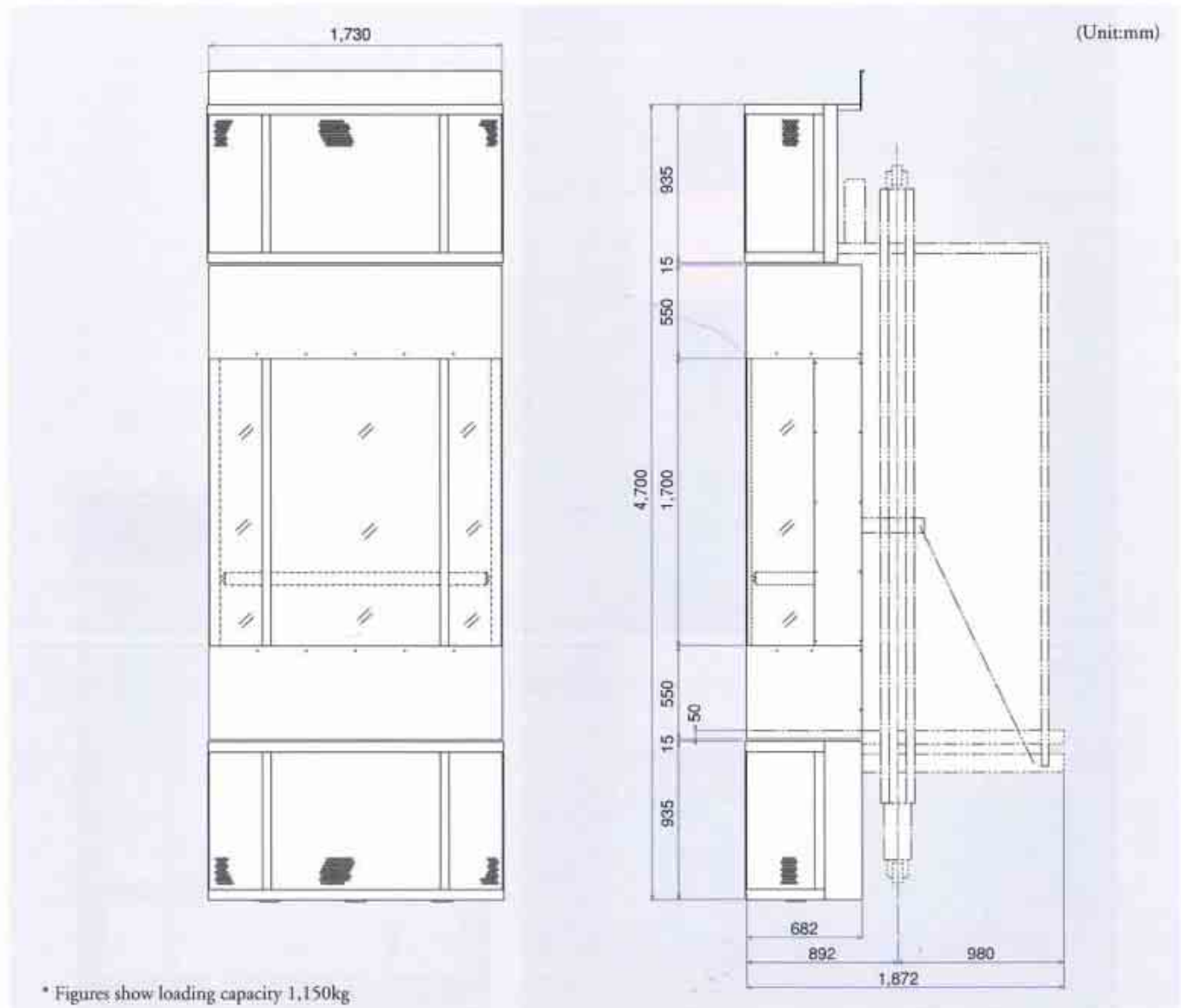
Upper & bottom panels : Painted sheet steel

Side illumination : Acrylic panel illumination
(punching pattern lighting)

Bottom illumination : Downlight

Car Exterior Dimension

C-DX-02



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Observation Elevator
C-EX Type

C-EX-12



Car Exterior



Car Interior

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Car Interior

Ceiling : Painted steel
Acrylic lens lighting
Wall : Decorative sheet
Kick plate : Aluminum anodized
Floor : Vinyl tiles
Handrail : Stainless steel hairline finish
Window glass : Reinforced wired glass (6.8mm thick)
Window glass frame : Stainless steel hairline finish
Window glass pole : Stainless steel hairline finish

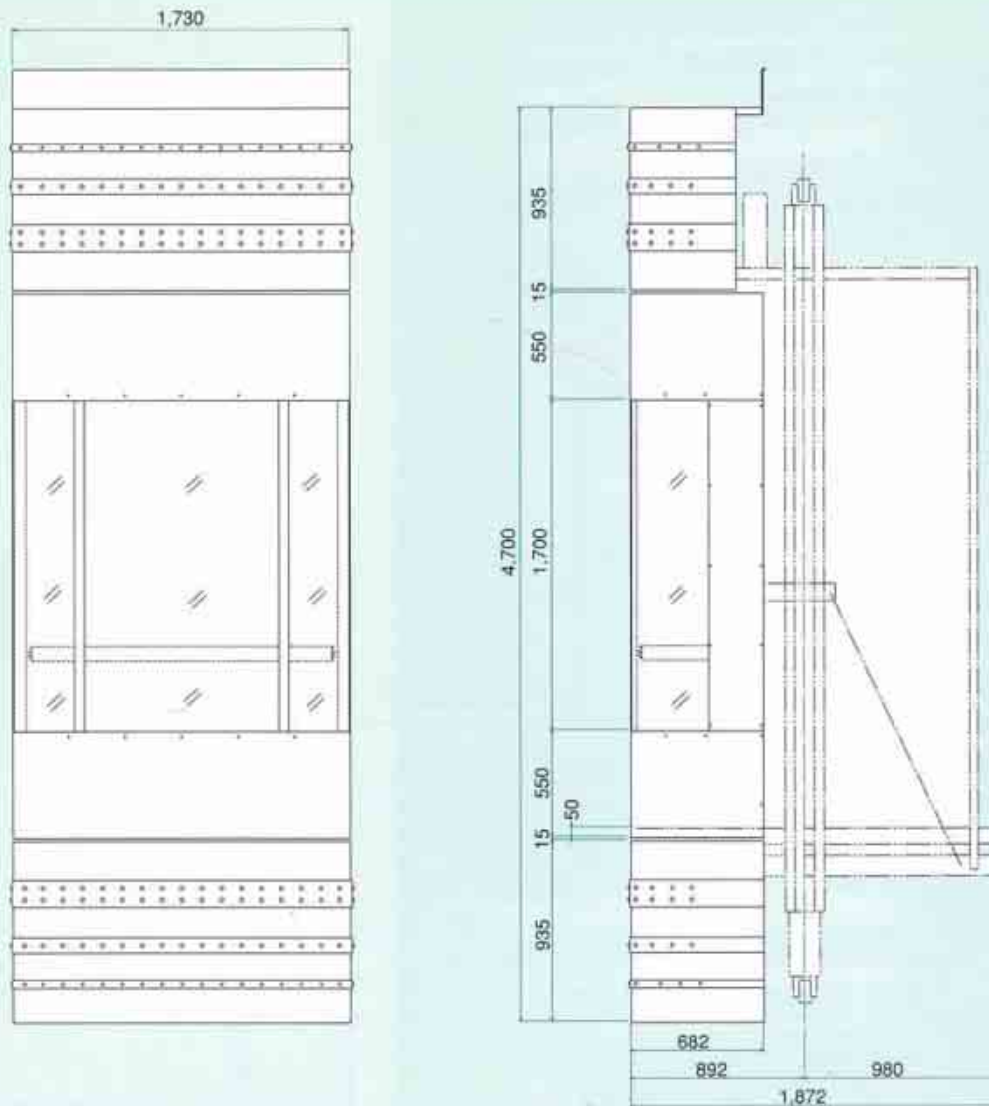
Car Exterior

Side panel : Painted sheet steel
Upper & bottom panels : Painted sheet steel
Side illumination : Optical fiber with lens
(horizontally flickering)
Trim for illumination : Stainless steel mirror finish
Upper & bottom Illumination : Acrylic illumination

Car Exterior Dimension

C-EX-12

(Unit:mm)



* Figures show loading capacity 1,150kg

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Observation Elevator
C-DX Type

C-DX-23



Car Exterior



Car Interior

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Car Interior

- Ceiling : Painted steel
Acrylic panel lighting (slit light)
- Wall : Decorative sheet
- Kick plate : Aluminum anodized
- Floor : Vinyl tiles
- Handrail : Stainless steel hairline finish
- Window glass : Reinforced wired glass (6.8mm thick)
- Window glass frame : Stainless steel hairline finish
- Window glass pole : Stainless steel hairline finish

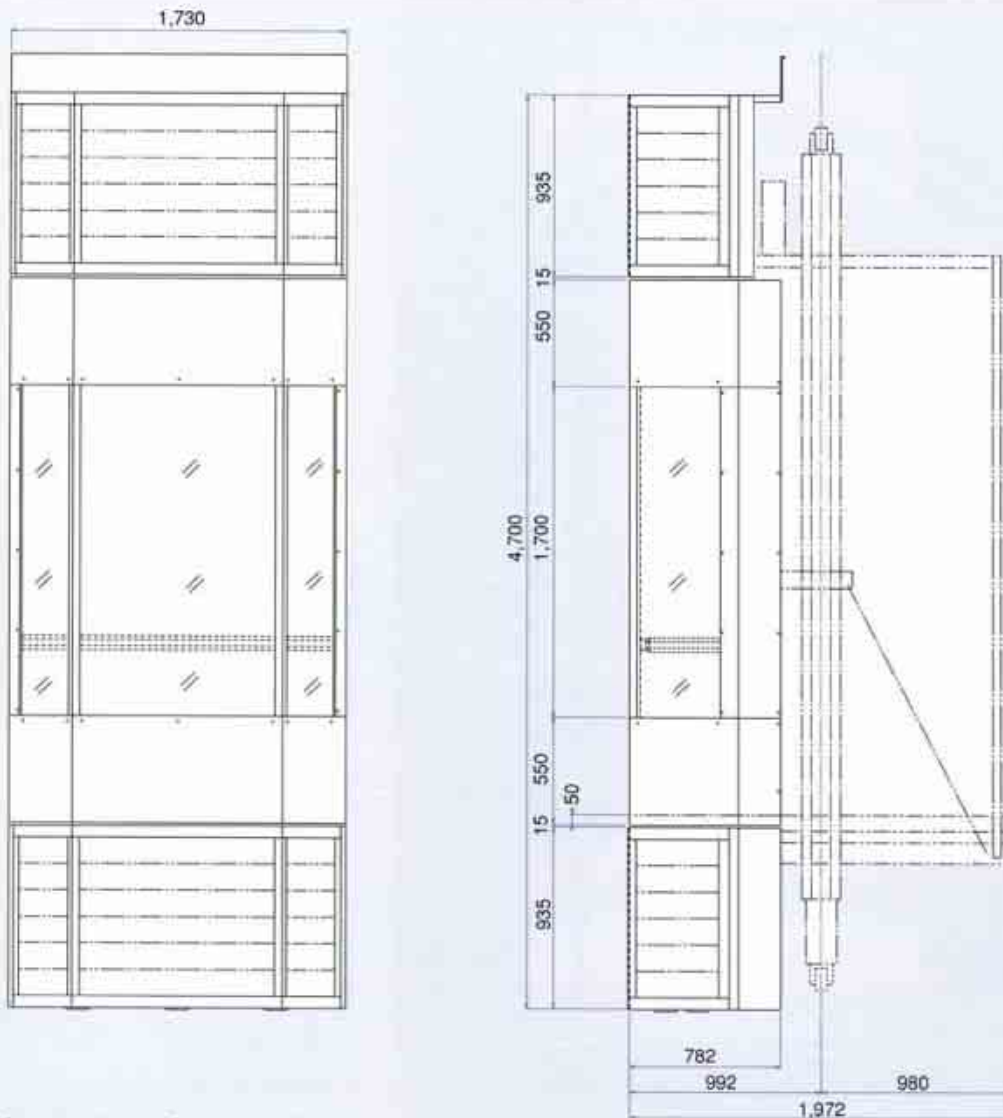
Car Exterior

- Side panel : Painted sheet steel
- Upper & bottom panels : Painted sheet steel
- Side illumination : Acrylic panel illumination
(horizontal striped pattern lighting)
- Bottom illumination : Downlight

Car Exterior Dimension

C-DX-23

(Unit:mm)



* Figures show loading capacity 1,150kg

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Crystal Elevator

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Observation Elevator
C-UX Type

C-UX-42



Car Exterior



Car Interior

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Crystal Elevator

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Observation Elevator
C-EX Type

C-EX-51



Car Exterior



Car Interior

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Car Interior

Ceiling : Painted steel
Acrylic lens lighting
Wall : Decorative sheet
Kick plate : Aluminum anodized
Floor : Vinyl tiles
Handrail : Stainless steel hairline finish
Window glass : Reinforced wired glass (6.8mm thick)
Window glass frame : Stainless steel hairline finish
Window glass pole : Stainless steel hairline finish

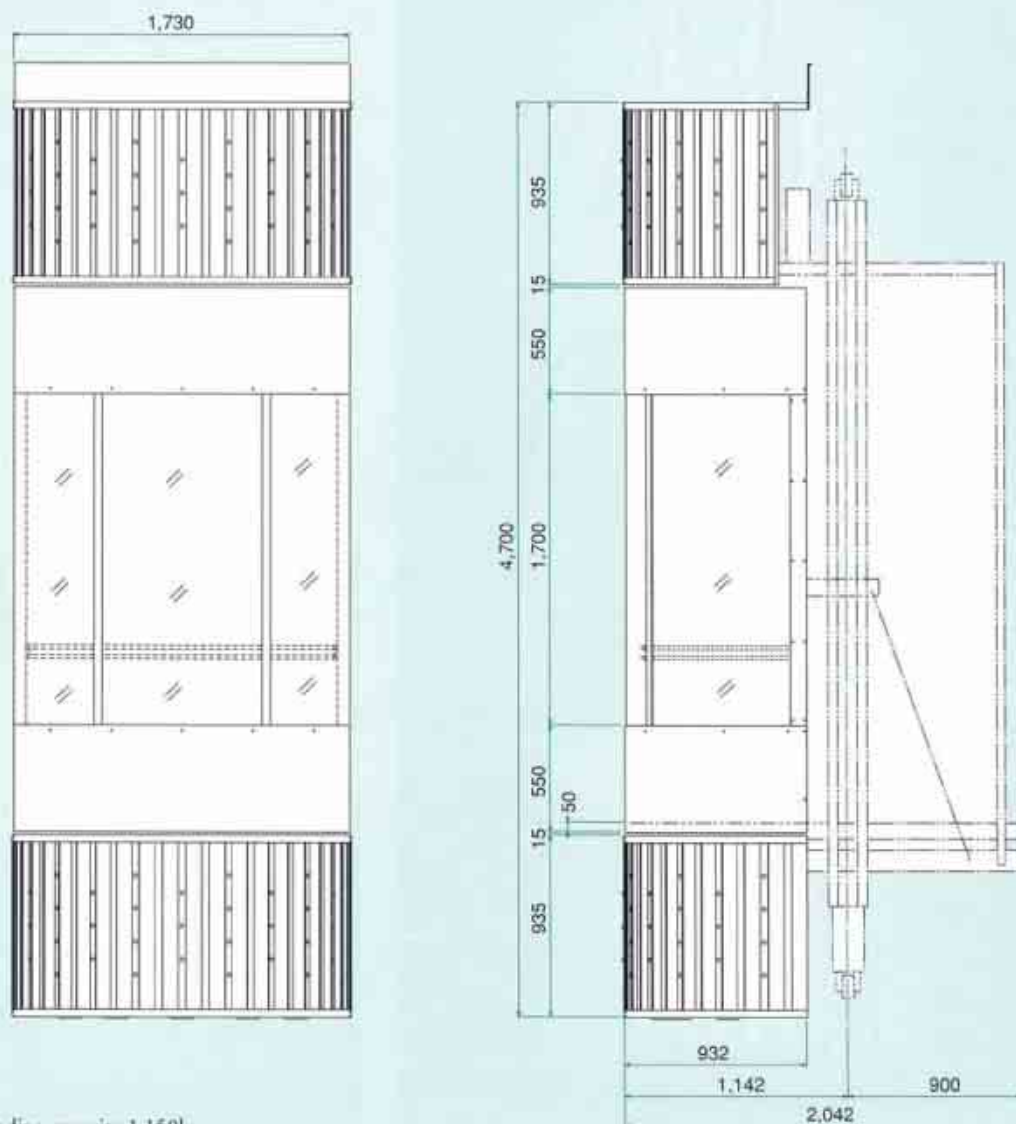
Car Exterior

Side panel : Painted sheet steel
Upper & bottom panels : Painted sheet steel
Side illumination : Optical fiber with lens
(vertically flickering)
Bottom illumination : Downlight

Car Exterior Dimension

C-EX-51

(Unit:mm)



* Figures show loading capacity 1,150kg

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Crystal Elevator

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Observation Elevator
C-UX Type

C-UX-61



Car Exterior



Car Interior

HITACHI

Car Interior

- Ceiling : Painted steel
Acrylic panel lighting (slit light)
- Wall : Decorative sheet
- Kick plate : Aluminum anodized
- Floor : Vinyl tiles
- Handrail : Stainless steel hairline finish
- Window glass : Reinforced wired glass (6.8mm thick)
- Window glass frame : Stainless steel hairline finish
- Window glass pole : Stainless steel hairline finish

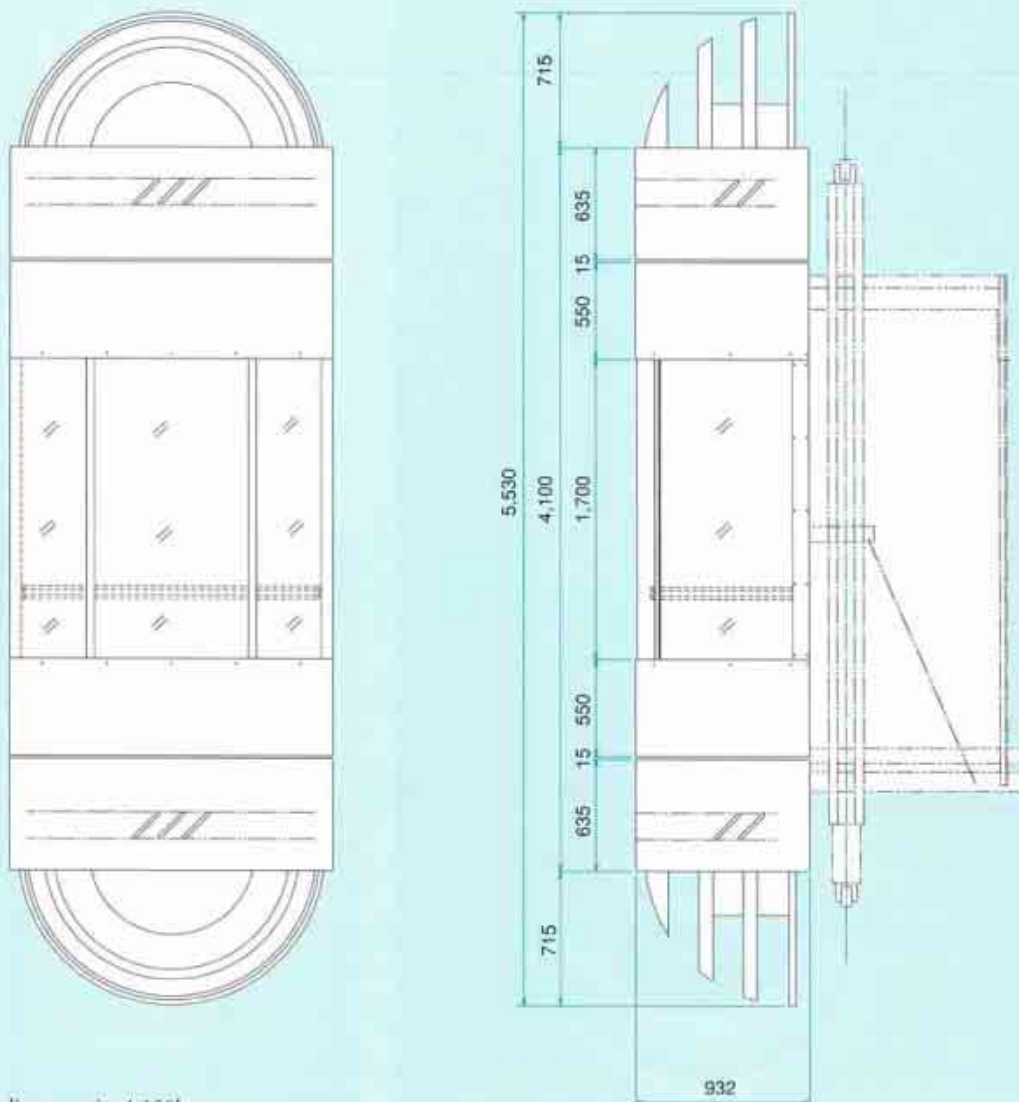
Car Exterior

- Side panel : Painted sheet steel
- Upper & bottom panels : Painted sheet steel
- Side illumination : Acrylic panel illumination
(slit type lighting)
- Upper & bottom Illumination : Fluorescent lamps
with acrylic illumination

Car Exterior Dimension

C-UX-61

(Unit:mm)



* Figures show loading capacity 1,150kg

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Crystal Elevator

HITACHI
Observation
Elevator

SHOPPING CENTERS

Printemps Koshien Hyogo, Japan



Basic Specifications

Load (Capacity) : 1,600 kg

Speed : 105 m/min

Stops : 9 (B2, B1, 1-7)

Shape : Semicircular

Car Exterior

Side panel : Painted sheet steel

Side illumination : Decoration lamps

Upper & lower illumination : Fluorescent lamps with acrylic illumination

Car Interior

Ceiling : Semi-indirect light (with down-light)

Wall : Painted sheet steel

HITACHI

Crystal Hitachi Observation Elevator Elevator

SHOPPING CENTERS

Landmark Plaza Yokohama, Japan



Basic Specifications

Load (Capacity): 900 kg

Speed : 105 m/min

Stops : 8 (B3-B1, 1-5)

Shape : Semicircular

Car Exterior

Side panel : Painted sheet steel

Side illumination : Optical fiber

Upper & lower illumination : Optical fiber

Car Interior

Ceiling : Semi-indirect light

Wall : Painted sheet steel

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Crystal Elevator

Hitachi
Observation
Elevator

HOTELS

Hotel Ikenoura-Sou Mie, Japan



Basic Specifications

Load (Capacity) : 1,000 kg

Speed : 90 m/min

Stops : 7 (G, 1-6)

Shape : Hexagonal

Car Exterior

Side panel : Painted sheet steel

Side illumination : Decoration lamps

Upper & lower illumination : Fluorescent lamps with milky-white acrylic

Car Interior

Ceiling : Semi-indirect light

Wall : Painted sheet steel

HITACHI

Crystal Elevator

HOTELS

Asaya Hotel Shuhoukan Tochigi, Japan



Basic Specifications

Load (Capacity) : 1,350 kg
Speed : 90 m/min
Stops : 13 (1-12, R)
Shape : Hexagonal

Car Exterior

Side panel : Laminated plastic sheet
Upper & lower panels : Laminated plastic sheet
Side illumination : Ball lamps

Car Interior

Ceiling : Semi-indirect light
Wall : Stainless steel mirror etching finish

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NEXT 21 Building Niigata, Japan



Basic Specifications

Load (Capacity): 1,300 kg
Speed : 105 m/min
Stops : 12 (B3-6, 16-18)
Shape : Pentagonal

Car Exterior

Side panel : Painted sheet steel
Upper & lower panels : Painted sheet steel
Side, upper & lower illumination : Decoration lamps

Car Interior

Ceiling : Stainless mirror & square lens
Wall : Painted sheet steel

Crystal Hitachi Observation Elevator

OFFICES

Takegawa City Hall Shizuoka, Japan



Basic Specifications

Load (Capacity): 1,050 kg

Speed : 45 m/min

Stops : 7 (B1, 1-6)

Shape : Square

Car Exterior

Side panel : Painted sheet steel

Upper & lower panels : Painted sheet steel

Car Interior

Ceiling : Indirect light

Wall : Painted sheet steel

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Crystal Hitachi Observation Elevator

OFFICES

Nakano Sakaue Sun Bright Twin Building Tokyo, Japan



Basic Specifications

Load (capacity) : 1,600 kg

Speed : 240 m/min

Stops : 17 (B1, 1, 15-30)

Shape : Square

Car Exterior

Side panel : Painted sheet steel (& glass)

Upper & lower panels : Stainless steel hairline finish

Car Interior

Ceiling : Semi-indirect light

Wall : Stainless steel brushed finish

HITACHI

HITACHI

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