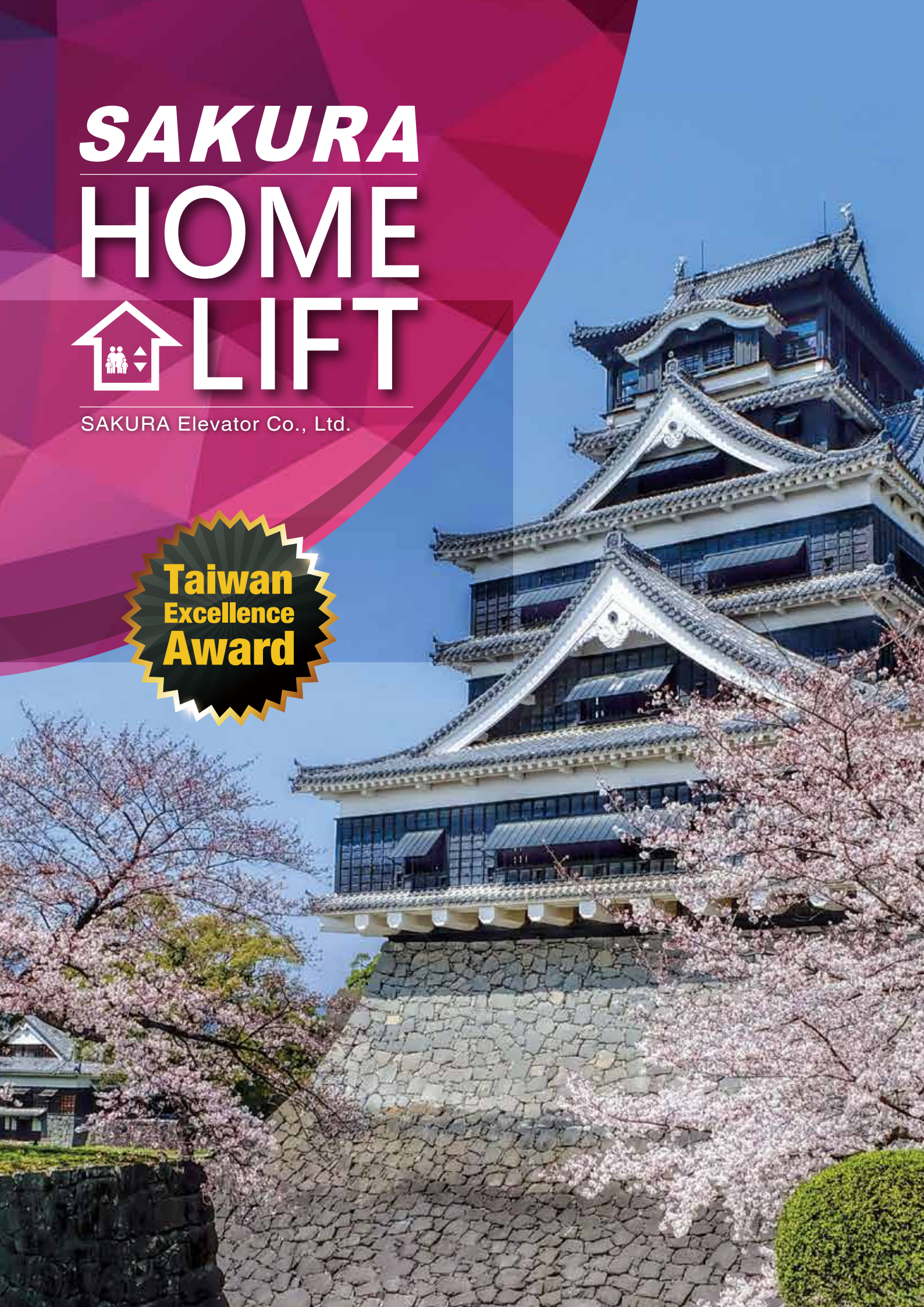


# SAKURA HOME LIFT

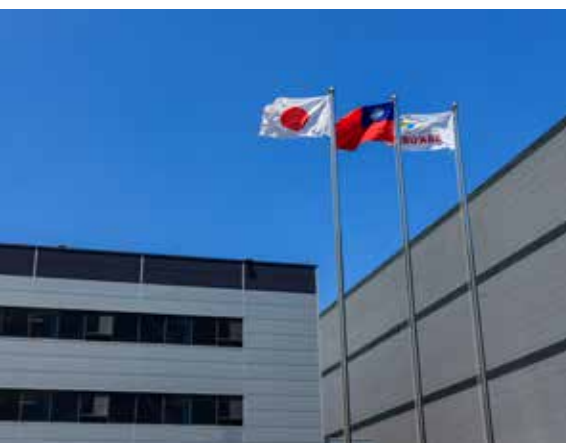


SAKURA Elevator Co., Ltd.

**Taiwan  
Excellence  
Award**



# Japanese High-end Safe



## International Elevator Company

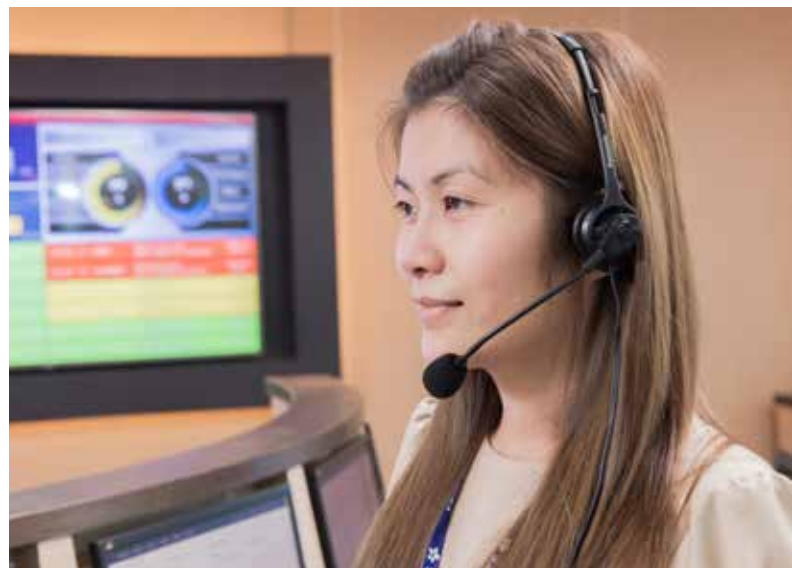
SAKURA Elevator has markets in Asia, Singapore, and more than 30 countries from different regions, like Middle East, North / South America, and Africa. We also set up branches in different areas (including Japan, Taiwan, Singapore, Hong Kong, China, Indonesia, Guam, etc.)

# Advanced Technology, Safety, and Quality



## Index

- P 3~8** Our Feature & HAL Panoramic Lift
- P 9~15** Stylish Home Lift
- P 16~18** Operating Panel & Door Type Options
- P 19~20** Materials & Floor Options
- P 21~24** Optional Devices
- P 25~30** Specifications & Function Descriptions



CE Certificate



UL Certificate



JIS Certificated UCMP & Machine



Class A Energy Efficiency Certificate



A photograph of a modern, luxurious living room. The room features a large window with a view of a green landscape, a white sofa, a black leather chair, and a chandelier. The ceiling is white with recessed lighting and a large, ornate chandelier. The overall atmosphere is bright and elegant.

## Reasons for Choosing SAKURA Elevator:

### Multinational Certificate

Products with certificate of CE, UL, JIS, and standards from different countries. Worldwide markets including Japan, Singapore, Southeast Asia, Middle East, America, and Africa.

### Cabin Dimension Customization

Capable of providing best customized solution according to shaft size and car size from clients.

### Elevator Style Customization

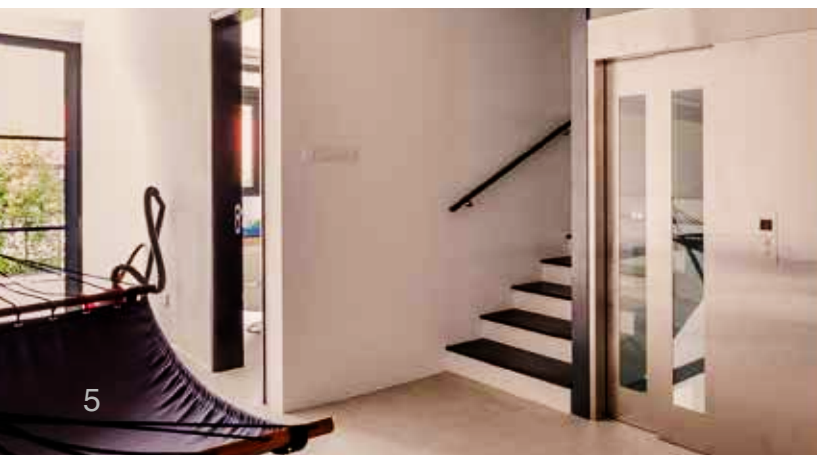
With professional designers, able to match the elevator with interior design.

### Excellent Protection

Various safety devices, including UCMP, SMS system, flood detector, earthquake detector, and 2 in 1 safety door edge.



# Japanese High-End Technology, Safety, and Quality





# HAL Aluminum Shaft Elevator Integrated Design



Type : Machine Roomless

Capacity : Under 450Kgs

Speed : 30-45 M/min

Stops : 6 Floors Maximum

Travel : 18 Meters Maximum

Shaft Wall : Glass / Aluminum Alloy Plate

Aluminum Shaft Structure : Spray Painting



## SAKURA Integrated Elevators

- ◆ Integrated Design, Postmodern Style

---

- ◆ Transparent Vision, Wider and Brighter Space

---

- ◆ Less Space Required

---

- ◆ No Extra Fee on Shaft Construction

---

- ◆ No Grouting, Least Affection to Residents

---




Elevator Structure Certificate  
from Singapore



# G9 Pitless Elevator



**TAIWAN**  
EXCELLENCE 2018

**2018 Taiwan Excellence Award**

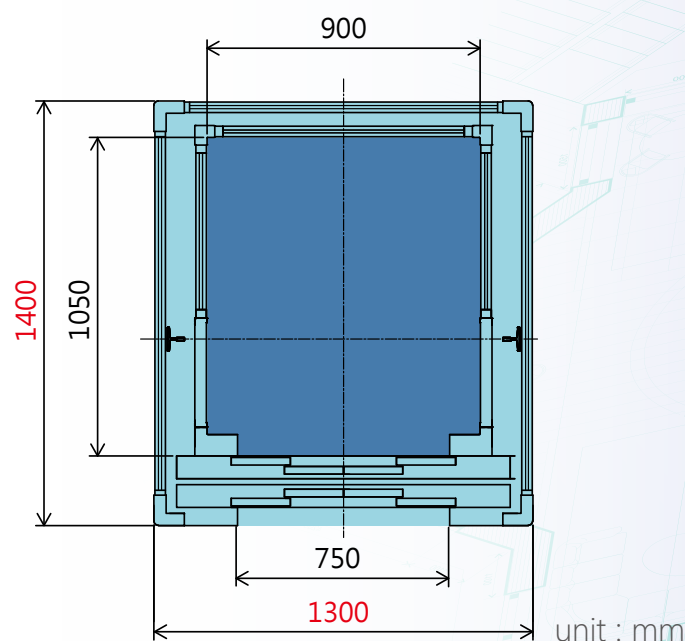
New Product  
1300mm



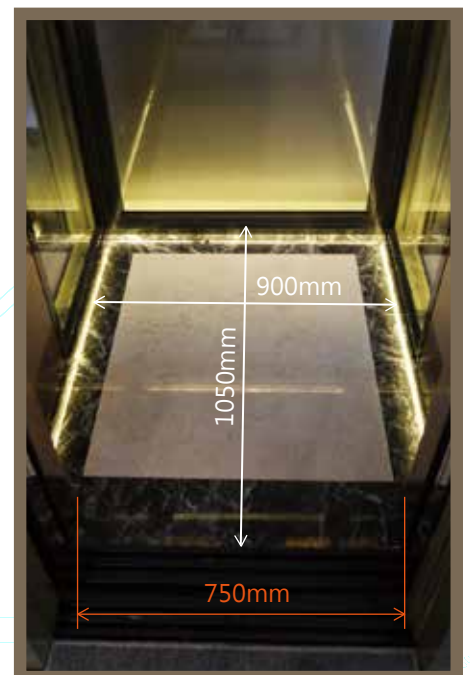
150mm

**Simple Request for Installation  
within 3.3 Square Meters**

- Pitless Design - Solution for Bypassing Ground Beams or Pipelines
- Technical Cooperation with Japan



**SAKURA**



# G9 Pitless Elevator

SAKURA Elevator provides various car designs and quality customization.



Ceiling:  
White Teak  
LNW-12



Leather Coated  
Handrail with  
Indirect LED

Wall:  
Rose Gold  
LK-RS03



Voice  
System



Touch  
Screen



Elevator  
Setup

## Touch Panel / LCD Multimedia Display

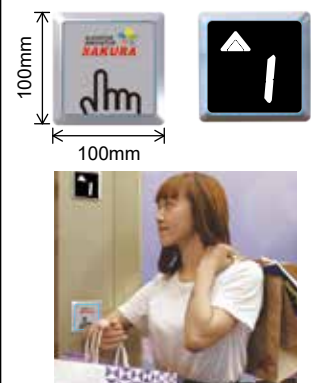
## COP

## BIG-Button

### i-TOUCH System

### LCD Display

- Status and Record
- Elevator Control
- Operation Manual
- Maintenance Record
- Intercom and Siren
- Light Coloring Function



Big Button - Easy to touch when your hands are occupied.

## G9 Elevator Specifications

Lift Type		HAL				HRC	
Model		HAL-G9-S	HAL-G9-S (180° Entrance)	HAL-G9-E	HAL-G9-E (180° Entrance)	HRC-G9-E	HRC-G9-E (180° Entrance)
Basic Information	Rated Load(KG)	320	320	400	320	400	320
	Rated Speed(M/min)	20					
	Max Travel(M)	12					
	Drive	Hoisting Machine					
	Door Opening Type	2CO					
Car Size	W * D * H	900*1050*2200					
Entrance	W * H	750*2000					
Technical Parameters	KW(HP)	4KW(5.3HP)					
	Wire Rope	10mm *2					
	Guide Rail	8K					
	Roping	1 : 1					
	Power Supply	Single Phase 220V 30A					
Shaft Size	Reserved Size(W*D)	1350*1450	1350*1570	1350*1450	1350*1570	1300*1350	1300*1500
Pit	PVC Flooring	150					
	Marble Flooring	200					
OH	2800>OH>3300	with Power Box 1300*350*1100					
	OH>3300	Control, Motor above the Shaft (without Power Box)					
Car Design	Front Panel	Plated Rose Gold Vibration SS	Car Wall	Pattern Steel Plate+Mirror Stainless Steel			
	Inner Door Jamb	Plated Rose Gold Vibration SS	Mirror Stainless Steel				
	Car Door	Mirror Stainless Steel + Framed Glass	Pattern Steel Plate+Glass Window				
	Handrail	Leather + LED	Bright Stainless Steel Handrail				
	Ceiling	Indirect LED	Indirect LED				
	3-Side Panoramic	5t+3t+0.76(Tempered Laminated Glass)	N/A				
	Skirting Board	Indirect LED					
	Exterior Board	Painted Steel + Adjustable LED					
Landing Design	Door Frame	Painted Steel	Pattern Steel				
	Landing Door	Painted Steel + Framed Glass	Pattern Steel+Glass Window				
Operating Panel	COP	i-touch Smart LCD Panel	Gold Titanium Plated Vibration SS + Mirror Acrylic				
	HOP	LCD +Big Button	LCD +Big Button				
Shaft	Structure	Painted Aluminum				RC Shaft	
	Seal Plate	Tempered Laminated Glass: 5t + 5t + 0.76 (Darkened Glass)	Painted Aluminum Alloy Frame + Painted Steel Plate				
Reference Drawing NO.	with Power Box	E61-C140	E61-C151-B	E61-C144	E61-C151-B	E61-C141-A	E61-C149
	without Power Box	E61-C143	E61-C149-B	E61-C142	E61-C149-B	E61-C145	E61-C149-A
Standard Safety Devices	Electromagnetic Brake, Governor, Instant Brake System, Pit Buffer, Cabin and Landing Door Linkage Device, Rope Tension Detecting System, Wire Rope Retainer, Power Protection Device, Overload Warning, Light Curtain Safety Edge, Upward and Downward Limit Switches, Intercom, Emergency Lighting, UPS, etc.For the rest of standard devices, please check the standard function list for reference.						

# Prestige Style



Landing Panel



SHP 004



Power Saving



Light Curtain



Intercom System



GSM System



Wheelchair Accessible



Lighting

# Contemporary Style



Landing Panel



SHP 004



Power Saving



Light Curtain



Intercom System



GSM System



Wheelchair Accessible



Lighting

# Luxurious Style



Landing Panel



SHP 016



Power Saving



Light Curtain



Intercom System



GSM System



Wheelchair Accessible



Lighting

# HOP / COP



SCP004



SCP002



SHP004



SHP006



SHP002



SHP016



SCP015



SCP013

# Landing Door Type

## Glass Type



LSE-005



LSE-006



LSE-007

## Standard Door Type



LSE-01



LSE-02



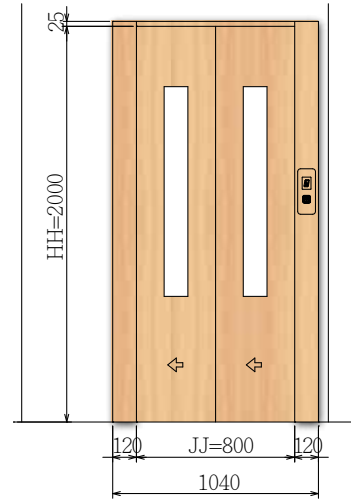
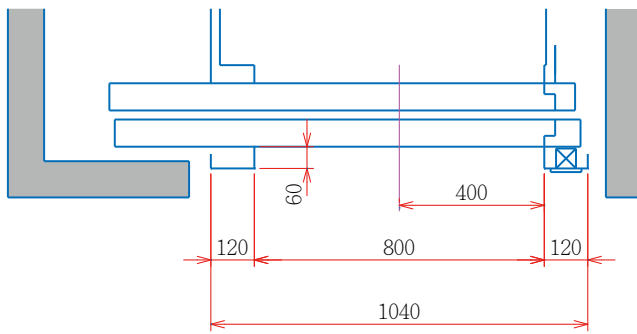
LSE-03



LSE-04

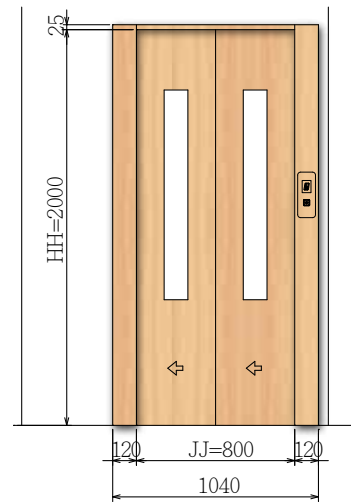
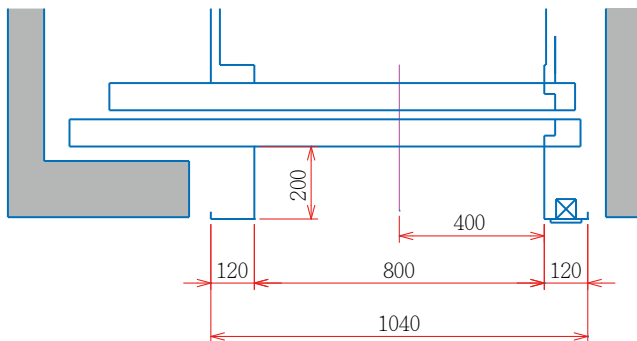
Standard Jamb

**JSE-01**



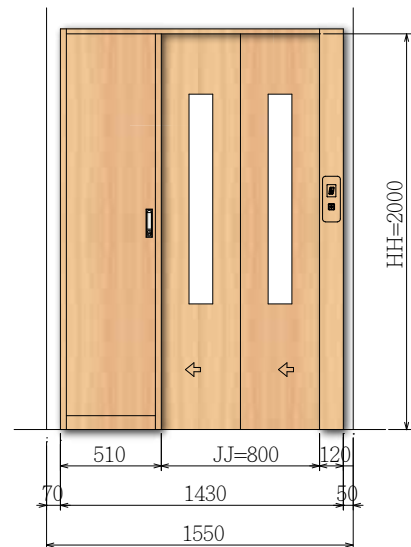
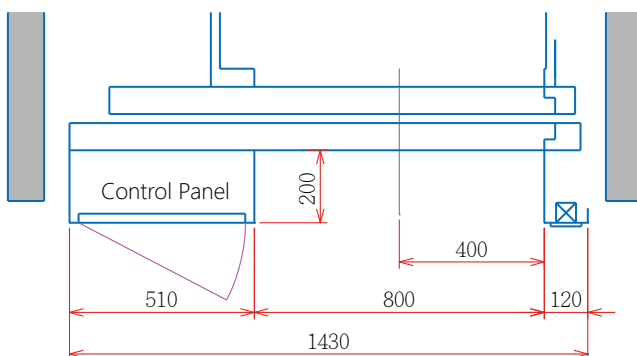
Wide Jamb

**JSE-02**



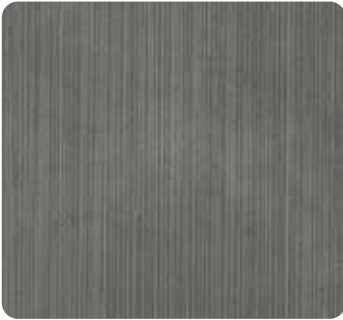
Maintenance Jamb

**JSE-03**



# Materials & Colors

## Pattern Steel Plate



LG-01



LG-04



LNA-24



LNW-1



LNA-14



LC-14



LNA-15



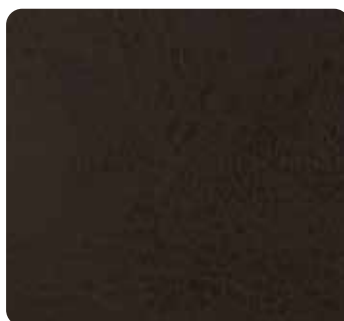
LNW-24



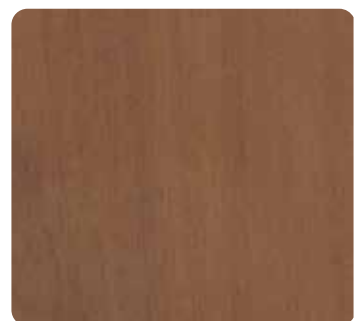
LW-6920



LNA-18



LC-108



LW-9284

Tile Type



X-7223



X-7210



X-7211



X-853



X-859



X-860

# Safety Equipment

SMS

## Smart Maintenance System

Optional

### • Elevator Monitoring

Real-time Elevator Monitoring, Instant Reporting on Various Malfunctions.

#### 1 Elevator failure or accident



#### 2 Detecting a person's coma



#### 3 Automatic Detection Immediate Report



#### 4-1 Maintenance Staff



#### 4-2 Monitoring Center



#### 4-3 Family or Friends



#### 5 Maintenance Staff will rescue with family



#### 6 Rescuing trapped people



**TAIWAN**  
EXCELLENCE 2018

**Taiwan Excellence Awarded**

Elevator Malfunction  
Report Center



GSM

Optional

# Global System for Mobile Communication

Automatically contacts family members, control room, maintenance staff, and monitoring center.

Sakura Elevator Monitoring Center



Maintenance Staff



Building Security



Family or Friends



Automatic Detection



Immediate Report

100% Safety!



GSM

+

SMS

No Need to Call for Elevator Failure or Rescue Service.

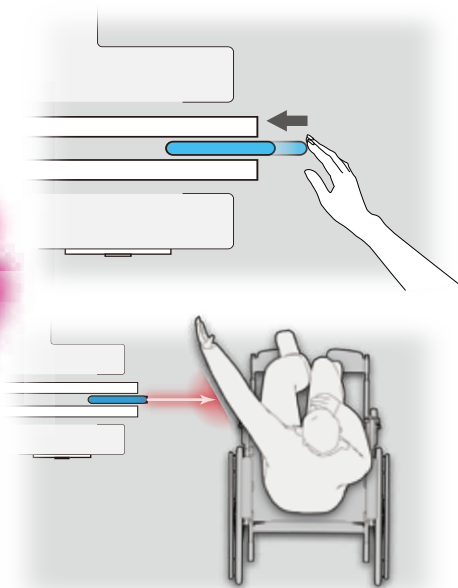
# Safety Equipment

## 2 in 1 Light Curtain

Standard

Double Protection,  
Double Safety

Mechanical Safety Door Edge



Infrared Light Curtain



## 2 in 1 Safety Door Edge



## Earthquake Detector

Optional

Imported from Japan,  
Sold by Sakura

Earthquake Occurs During  
Elevator Travelling

**P Wave (Primary Wave)  
Detected**

Earthquake Intensity Identified by  
Sensor

Warning Broadcasting + Display

Approaching Nearest Floor +  
Opens the Door

Power Shutdown

**S Wave (Secondary Wave)  
Arrives**

Passengers Have Left for Evacuation

**After the Earthquake**

Elevator Self-testing.  
Passed > Restart  
Failed > Waiting for Maintenance

## P+S Earthquake Detector

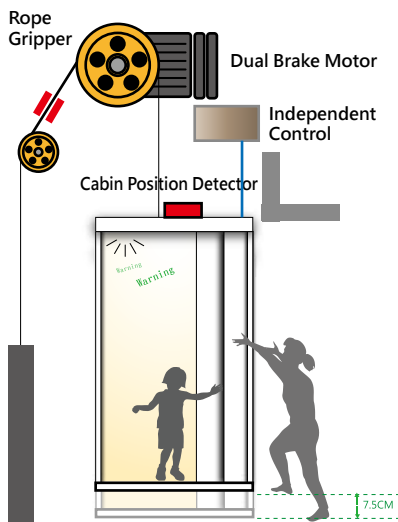


Elevator Safety Protection

# UCMP

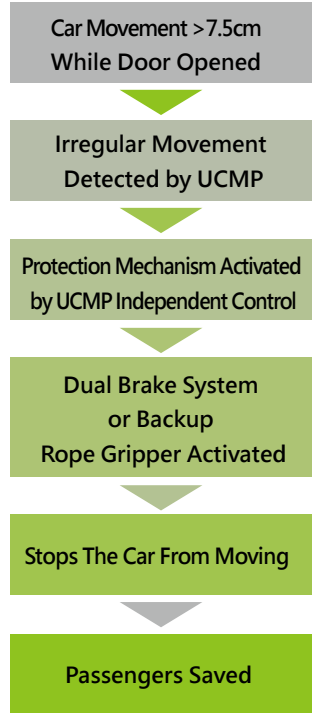
Optional

## (Unintended Car Movement Protection)



Sakura UCMP activates to stop the car from moving while detecting irregular movement over 7.5 cm.

### UCMP Mechanism



### ROPE GRIPPER



UCMP CONTROLLER

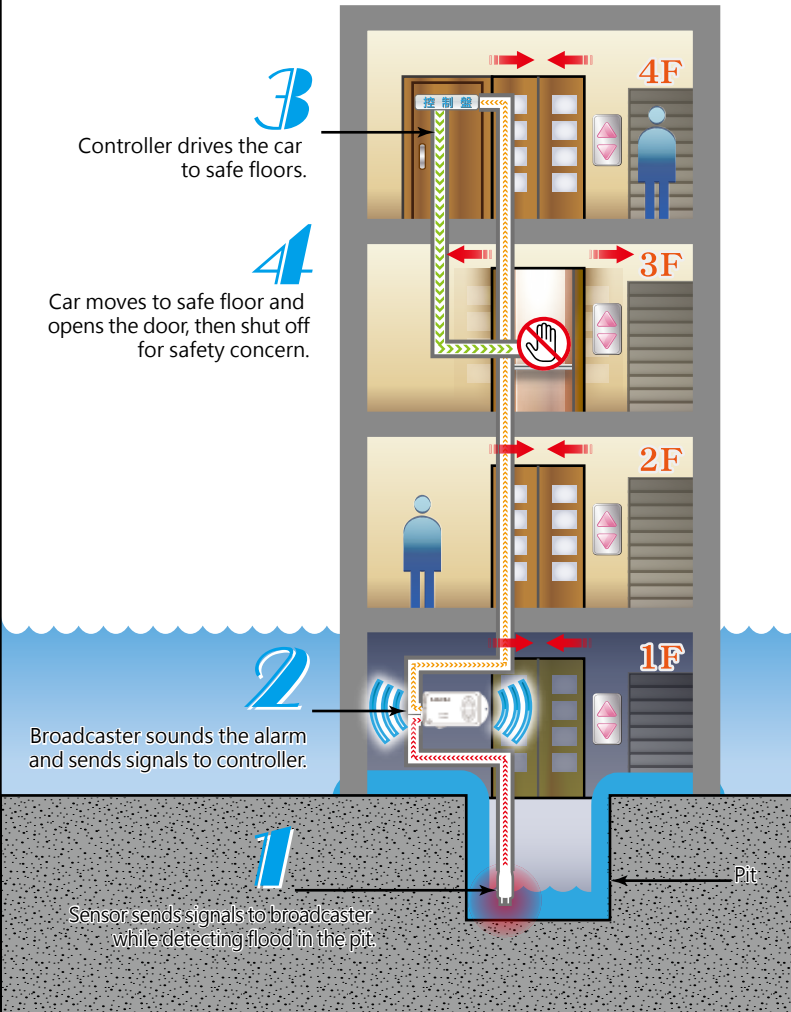


PM MOTOR

# Flood Detector

Optional

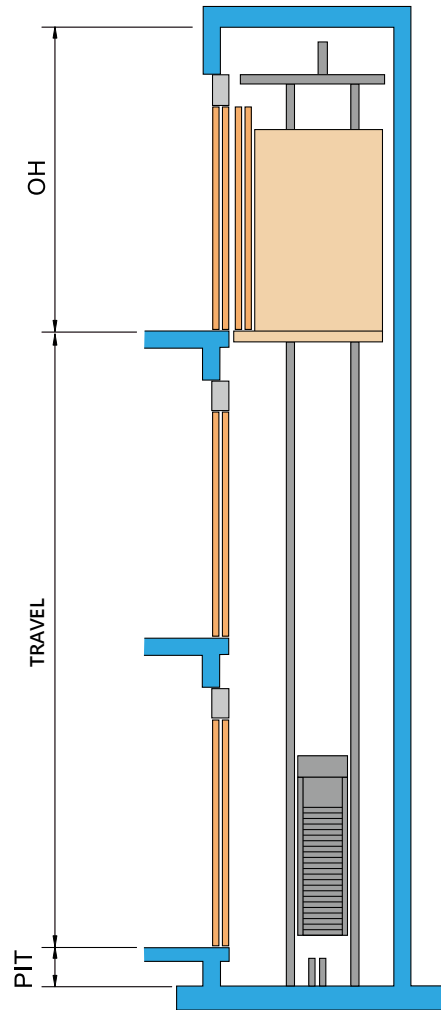
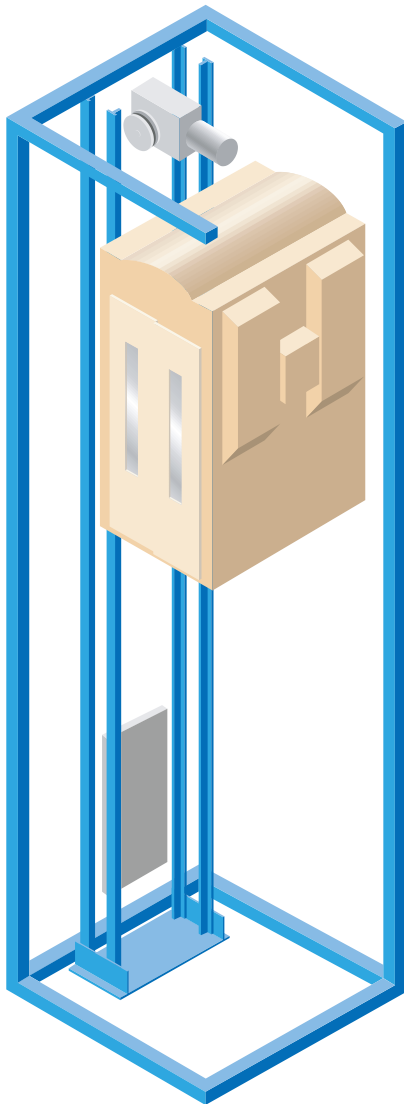
## Make Flooding No Longer A Problem



Multinational Patents, Exclusively Sold in Taiwan.

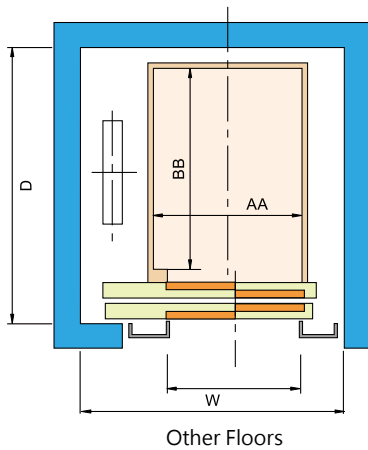


# Drawing

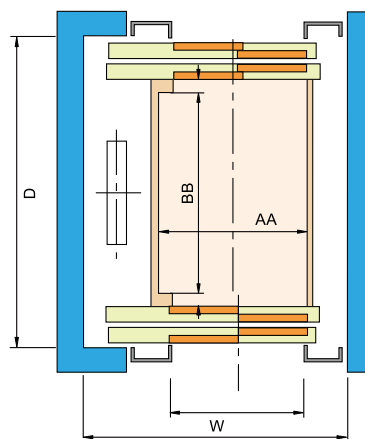


## Plain View Drawing

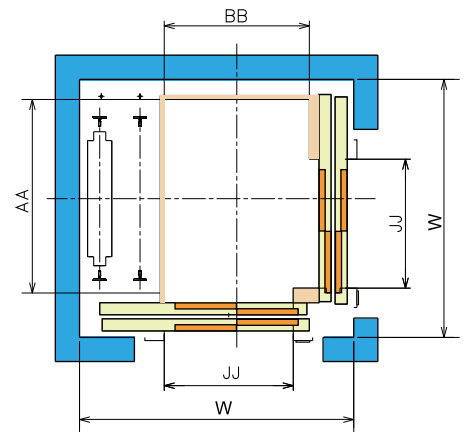
■ Single Entrance  
(Steel Structure / RC Structure)



■ Double Entrance  
(Steel Structure / RC Structure)



■ L Type Entrance  
(Steel Structure / RC Structure)

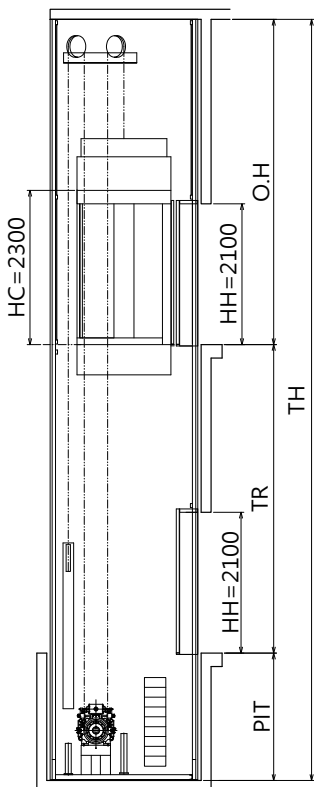


HRC Machine Room Less Home Lift											
Basic Data	Type	HRC-G3		HRC-G3X		HRC-G4		HRC-G4X			
	Capacity	140	200	320		400		450		550	
	Speed	20		30	45	30	45	30	45	30	45
	Maximum Travel	15		18				21			
	Maximum Stops	5		6				7			
	Drive	VVVF									
	Door Opening	2 S									
Car & Entrance	Car Dimension	900*900	900*1200					1000*1400			
	Car Net Height	2100					2200				
	Entrance Dimension	800*2000					800*2000				
Technical Parameters	Motor Capacity KW(HP)	1.5KW	2.2KW	3KW	2.2KW	3.7KW		5.5KW			
	Wire Ropes	8mm*3		8mm*4		8mm*5		10mm*4			
	Guide Rails: Car / Counterweight	8K/8K					13K/13K				
	Power / Lighting(A)	30A/20A				40A/20A		50A/20A			
	Power Supply (V)	Single Phase 220 / Single Phase110 · 3 Phase 220 / Single Phase110 · 3 Phase 380 / Single Phase110									
Shaft Dimensions	Single Entrance(W*D)	1550*1250	1550*1550		1600*1550		1600*1550		1750*1750		
	Double Entrance(W*D)	1550*1450	1550*1750		1600*1750		1600*1750		1750*1950		
	L Type Entrance(W*D)	N / A	1700*1650		1750*1650		1750*1650		1950*1850		
	Pit	550		1200				1500			
	OH	3200		3600				3800			

# OBH Specifications



Vertical View of Wall Side



## OBH Elevator Specifications

Type	Capacity	Speed	Door Opening	Entrance Dimension		Car Dimension		Hoistway
				JJ	HH	AR	HC	
OBH	(Kgs.)	m/min	mm	JJ	HH	AR	HC	R
	450	45-60	CO	800	2100	1240	2300	2300
	550	45-60	CO	800	2100	1240	2300	2300
TYPE	Speed	45m/min			60m/min			
	Item							
OBH	OH(mm)	4800			5000			
	PIT(mm)	1600			1600			

# HAL Specifications



## HAL Aluminum Shaft Elevator Specifications

	Type	HAL-G3		HAL-G3X		HAL-G4		
	Basic Data	Capacity	140	200	320		400 / 450	
Speed		20	20	30	45	30	45	
Maximum Travel		15						
Maximum Stops		6						
Counterweight		Side of the car						
Door Opening		2S						
Car & Entrance		Car Dimension	900*900	900*1200				
	Car Net Height	2100						
	Entrance Dimension	800*2000						
Technical Parameters	Motor KW(HP)	1.5KW	1.5KW	2.2KW		3.7KW		
	Wire Ropes	8mm*3	8mm*3	8mm*4		8mm*5		
	Guide Rails: Car / Counterweight	8K/8K						
	Power / Lighting power(A)	30A / 20A					40A / 20A	
	Power Supply (V)	Single Phase 220 / Single Phase110 · 3 Phase 220 / Single Phase110 · 3 Phase 380 / Single Phase 110						
Shaft Request	Shaft Dimensions	1650*1350	1650*1650	1650*1650		1750*1650		
	Pit	550	550	700		1000		
	OH	3200	2900	3100		3400		
Remarks	Controller is installed above the landing door header of top floor, or space besides the shaft on top floor. If shaft is installed outdoors, top cover and leak proofing work are required.							

# Standard

Feature	Description
Automatic Levelling	Auto levelling and re-levelling, ensuring level between car and landing door sill.
Emergency Car Lighting	Emergency in car lighting during power failure of the main building power supply.
Door Safety Detector	A self test feature that monitor door safeties upon switching from inspection to automatic mode.
False Call Cancelling	Cancelling registered call at the Car Operating Panel (COP) by double tapping registered floor button.
Energy Conservation	Lift inverter goes into sleep mode together with light and fan within the car will be switched off automatically after a pre-determined period of time, after answering the last call.
Main Floor Parking	Lift will return to main floor (pre-determined) after last registered call.
Door Hold	Extending door opening time by pressing "Door Open" and "Call Button" on the Car and Hall Operating Panel respectively.
Door Nudging Feature	If an obstacle prevents the door from closing, the door will repeatedly open and close until the object is removed.
Overload Weighing Device	Overload safety device that render the lift to be inoperative and an activated alarm.
Anti-Nuisance	Registered calls will be cancelled in the event that the load is lesser than expected within the lift car.
Car Reverse Direction	Reverse direction calls will be cancelled upon completion of the last registered call of the same direction.
Re-Leveling Function	Auto re-leveling in a low speed when a car stops between floors due to malfunction.
Car Door Safety Edge	Mechanical safety device in addition to lift curtain sensor.
Emergency Intercom System	Emergency communication device with someone outside the lift.

# Optional

Feature	Description
Automatic Fault Logging	Provide comprehensive fault data on recent breakdowns (up to 20 fault tracking).
Manual Operation	Switching the automatic lift car operation to manual mode.
Automatic Rescue Device (ARD)	An emergency power to bring the lift to nearest adjacent landing during building power failure
Automatic Levelling	Returning of lift car to the nearest landing for evacuation upon the detection of earthquake.
Card / Bio-Matrix	Advance lift access control by means of fingerprint or access card system.
Global System for Mobile Communication (GSM)	Automatic GSM notification system in the event of breakdown or main building power failure.
Remote Monitoring Function	Real time elevator monitoring system via 3G network.
Supervisory Panel	On site monitoring of lift (s) operation status.
Security Code Call	Enabling person with password to access specific floors.
Voice Synthesizer	Lift car announcement system.
Parking Mode	Lift goes into energy conservation mode by means of a key switch to disable all Hall Call Panels.
Non-Service Floor	Lift will not serve this pre-determined floor.
Priority Floor	Auto levelling and re-levelling, ensuring level between car and landing door sill.
VIP Priority Service	VIP calling service at specific floor by means of access control system.
Door Infra-Red Sensor	Multi-beam safety curtain sensor fitted on the lift car door.
Infrared Curtain	Optical sensor detecting obstacles along the doorway and prevent elevator door from closing.
2 In 1 Safety Door Edge	An enhanced door safety feature that combines both infra-red and mechanical safety edge.
Extended Door Hold	Extend door opening time for greater convenience with additional button on Car Operating Panel.
Car Arrival Chime	Lift car arrival chime upon arrival of desired floor.
Hall Arrival Chime	Audible chime upon the arrival of lift at the particular floor.
Hall Arrival Lantern	Arrival lantern installed at lobby will lit up upon arrival of lift.
Fire Return Service	Return of lift to designated level for evacuation in the event that the fire alarm is activated.
Fireman Operation	Elevator return to designated floor with door remained open for fireman operation.
Group Control System	Capable of controlling up to 8 elevators that manage traffic flow efficiently hence reducing waiting time during peak hours.
Selective Collective Automatic Operation	Answering of relevant landing call (s) in the direction of travel.
Automatic Floor Support	Assigning of alternate car to serve call that is not answered by the primarily assigned car in time.
Overall Independent Lift Standby Function	Elevator cars distributed to standby at different floors that effectively reduces waiting time.
Peak Service	Designated floor will be given priority during peak hours.



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DM-83B01