



# A COST EFFECTIVE ELEVATOR FOR LOW-RISE RESIDENTIAL BUILDINGS

# RELIABLE, RESIDENTIAL ELEVATOR SOLUTION

## COST EFFECTIVE AND RELIABLE ELEVATOR FOR YOUR BUILDING

The KONE EcoSpace® is a highly cost-effective elevator solution designed specifically for low-rise residential buildings.

Easy to maintain and incorporating durable components, materials, and accessories, the KONE EcoSpace is the ideal choice for residential buildings where excellent reliability is a priority.

There are eleven attractive car designs to choose from, with a standard range of material options available for the floor, ceiling, and walls.

The control panel can be located in various landing alternatives within the landing door frame, to suite your demands.

Equipped with compact gearless KONE EcoDisc® motor the EcoSpace elevator doesn't need machine room which saves space and reduces costs.

## ECO-EFFICIENT

The highly efficient KONE EcoDisc motor is offered as standard with the KONE EcoSpace.

In addition to the excellent efficiency delivered by the KONE EcoDisc, the KONE EcoSpace can be further enhanced with a range of other innovative solutions designed to cut energy consumption throughout the lifespan of your equipment.

### ■ Eco-efficient regenerative drive

Our regenerative drive recycles energy for immediate reuse within the building and cuts consumption by up to 20 %.

### ■ Long-lasting LED lighting

As well as being 80 % more efficient than halogen lighting, LED lighting also lasts 10 times longer.

### ■ Innovative standby solutions

Standby solutions power down the equipment – such as lights, door operator, fans, and signalization – when it is not in use, providing substantial energy savings.



The high energy efficient performances of KONE solutions are shown in the ISO25745 and VDI4707 classifications\*. ISO25745 standard and VDI4707 guideline provides the labels from A to G to classify the elevators from the most to the less energy efficient elevators.



## YOUR TRUSTED PARTNER

KONE is with you every step of the way – from planning and design through installation and maintenance to modernization – for the entire life cycle of your building. Our industry-leading solutions are supported by comprehensive pre-handover quality testing and post-sales services. With over 100 years of experience in the elevator business, KONE is your trusted partner dedicated to ensuring smooth People Flow®.

KEY FACTS	
Max. no. of stops	14
Max. travel (m)	35 40 if load < 1000 kg or speed 1 m/s
Speed (m/s)	0.63, 1.0
Load (kg)	320, 400, 450, 480, 525, 630, 800, 1000 (fixed car sizes)
Car type	Single and dual opening (through type car)
Control type	Push button, down collective and full collective
Door type	Side opening
Energy saving features	Standby, power regeneration, LED lights

\* The ISO25745 and VDI4707 classifications are related each elevator and can change based on the specific elevators

3↑  
24  
2000  
1000  
1000  
1000  
1000  
1000  
1000  
1000  
1000

The image shows a modern elevator control panel mounted on a yellow wall. The panel is vertically oriented and divided into two main sections. The upper section is black and features a large digital display showing the number '3' with an upward-pointing arrow. Below the display are several smaller icons and numbers, including '24', '2000', and '1000'. The lower section is light gray and contains a vertical column of ten square buttons, each with a different floor number or symbol. At the bottom of the panel, there are two additional buttons, one on the left and one on the right, and a small circular indicator light.

# ELEVEN CUSTOMIZABLE CAR DESIGNS



## 11009

### CEILING

LF99  
Cloud White (P50)  
Painted steel  
Finish with compact  
fluorescent tubes

### WALLS

Cloud White (P50)  
Painted steel

### FLOOR

Ash Gray (VF 20)  
Vinyl tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11010

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Sunny Yellow (P52)  
Painted steel

### FLOOR

Dallas Black (RC6)  
Rubber tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11011

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Dawn Red (P53)  
Painted steel

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)





## 11012

### CEILING

LF99  
Cloud White (P50)  
Painted steel  
Finish with compact  
fluorescent tubes

### WALLS

Sky Blue (P54)  
Painted steel

### FLOOR

Dallas Black (RC6)  
Rubber tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11013

### CEILING

LF99  
Cloud White (P50)  
Painted steel  
Finish with compact  
fluorescent tubes

### WALLS

Nordic Gray (R30)  
Coated steel

### FLOOR

Dallas Black (RC6)  
Rubber tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11014

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Misty Gray (P51)  
Painted steel

### FLOOR

Dallas Black (RC6)  
Rubber tiles

### SIGNALIZATION

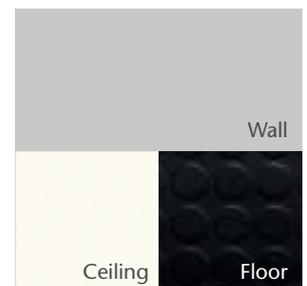
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)





## 11015

### CEILING

LF99  
Cloud White (P50)  
Painted steel  
Finish with compact  
fluorescent tubes

### WALLS

Asturias satin (F)  
Brushed stainless steel

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11016

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Hazel Oak (L202)  
Wood pattern laminate

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11017

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Ebony Oak (L205)  
Wood pattern  
laminate

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

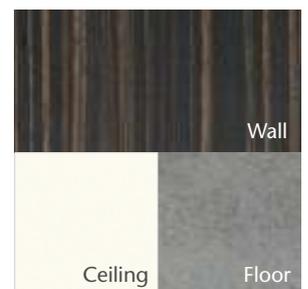
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)





## 11018

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Scottish Quad, (K)  
Decorated steel

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

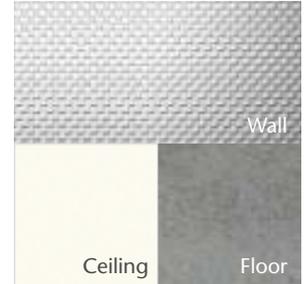
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11019

### CEILING

LF88  
Cloud White (P50)  
Painted steel  
Finish with LED spots

### WALLS

Flemish Linen, (TS1)  
Decorated steel

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

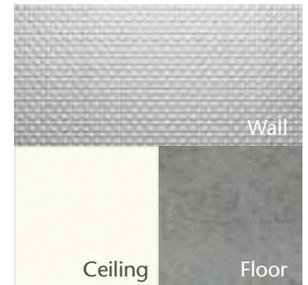
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



# SIGNALIZATIONS



## CAR OPERATING PANEL (COP)



KSC 286

A state of an art new KSS 280 provides modern visual appearance at right cost to your application with functionality you need in your project. EN81-70 compliant solution.

## HALL LANTERN (HL)



KSH 280



KSI 286

## LANTERN IN CAR



KSJ 280



KSL 270

## LANDING CALL STATION (LCS)



KSL 280 DC



KSL 284



KSL 286



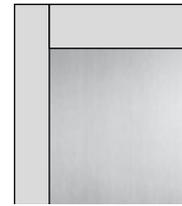
reddot design award  
winner 2012

# DOORS

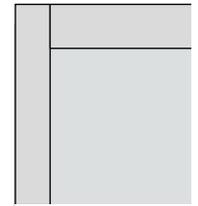
The KONE doors feature a robust construction and attractive visuals. They are highly reliable and designed to provide smooth and troublefree operation for years.



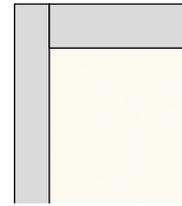
## DOOR MATERIALS



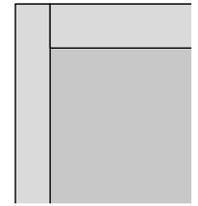
**F**  
Asturias Satin



**Z**  
Zinc coated  
(local paint or decoration)



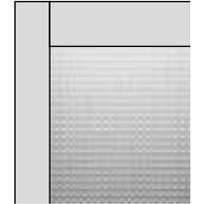
**P50**  
Cloud White



**P 51**  
Misty Gray



**K**  
Scottish Quad



**TS1**  
Flemish Linen

## CEILING



**CL80**  
Cloud White (P50) Painted steel  
Asturias Satin (F) Brushed stainless steel  
finish with LED spots



**LF88**  
Cloud White (P50) Painted steel  
Asturias Satin (F) Brushed stainless steel  
finish with LED spots



**LF99**  
Cloud White (P50)  
Painted steel finish with compact  
fluorescent tubes

# ACCESSORIES

## HANDRAILS



**HR50**  
Aluminium



**HR53**  
Brushed stainless steel,  
EN81-70 compliant

## FOLDING SEAT



**FS1**  
L224  
Black Coal

## SKIRTING



**F**  
Asturias Satin

# SAFETY FIRST

KONE EcoSpace® contains all the essential safety and security features that are necessary for residential application as standard or as option.

## SAFETY FEATURES

### STANDARD

- Sound adjustable gong, from 35-65 dB (A).  
For noisy landings, optional up to 80 dB.
- KONE Remote monitoring system (KRMS) inside the car is fitted as standard or optional
- Accurate leveling with doors open
- Safety ray on doors protect against closing door

### OPTIONAL

- KRM with GSM hub
- EN81-73-2016 behavior of elevator in the event of fire
- Locking of car calls by Pin code
- Fire alarm input
- Green main floor button
- Low headroom option minimum 2630 mm in compliance with EN81-21

## ACCESSIBILITY FOR ALL



### COMPLIANCE WITH EN81-70

The KONE EcoSpace elevator offers solutions that comply with European code EN81-70, relating to disabled access.

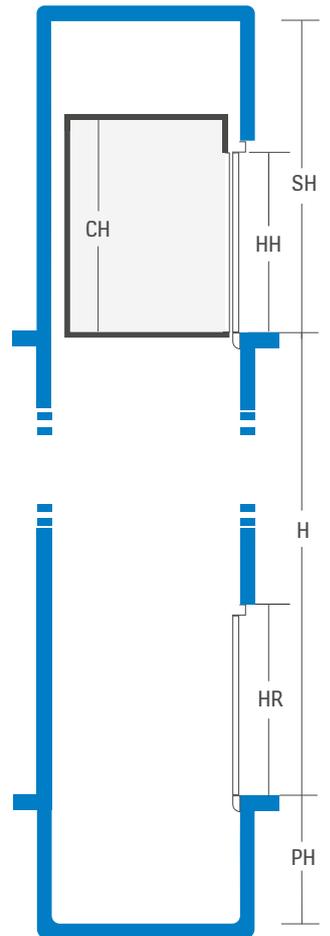
- Mirror: Partial height mirror on back wall
- Handrail: Easy to clean brushed stainless steel (HR53) with curved ends, on side wall
- Optional braille on COP
- Announcement device on COP

# DIMENSIONS AND INTERFACES

MAIN SPECIFICATIONS, SINGLE ENTRANCE (SEC) AND THROUGH TYPE (TTC) CARS						
SPEED (m/s)	LOAD (kg)	MAX. NO. OF STOPS	MAX. TRAVEL, H (m)	CAR HEIGHT, CH (mm)	PIT, PH (mm)	DOOR
0.63, 1.0	320, 400, 450, 480, 525, 630, 800, 1000	14	35 40 if load < 1000 kg or speed 1 m/s	2100 2200	1100	Side opening

Compliant with EN81-20 code

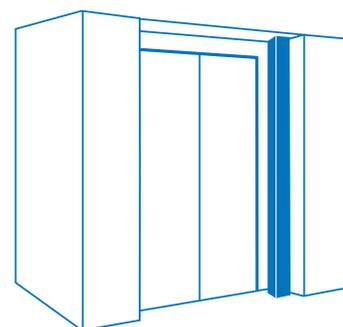
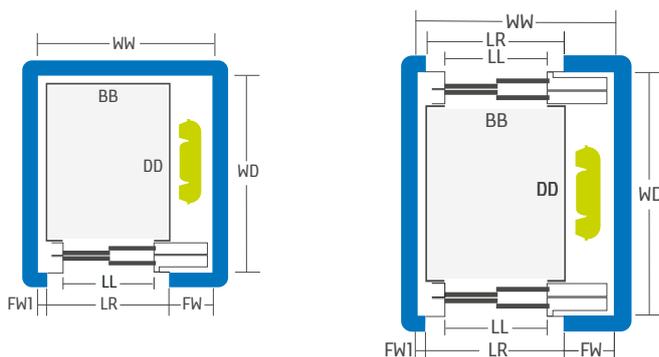
PERSONS	LOAD (kg)	BB (mm)	DD (mm)	LL (mm)	WW (mm)	WD (mm)	WD - TTC (mm)	SH MIN. CH 2100 (mm)	SH NOM. CH 2100 (mm)
4	320	900	1000	700	1400	1400	n.a.	2900	3400
4	320	900	1000	700	1450	1400	n.a.	2900	3400
4	400	850	1200	700	1350	1600	1810	2900	3400
4	400	850	1200	750	1400	1600	1810	2900	3400
5	400	950	1100	700	1450	1500	1710	2900	3400
5	400	950	1100	700	1500	1500	1710	2900	3400
5	400	950	1100	800	1500	1500	1710	2900	3400
6	450	1000	1200	800	1500	1600	1810	2900	3400
6	450	1000	1200	900	1650	1600	1810	3200	3800
6	480	950	1300	800	1500	1700	1910	2630	3400
6	480	950	1300	900	1650	1700	1910	3200	3800
6	480	1000	1250	800	1500	1650	1860	2630	3400
6	480	1000	1250	900	1650	1650	1860	3200	3800
6	480	1000	1300	800	1500	1700	n.a.	2630	3400
6	480	1000	1300	900	1650	1700	n.a.	3200	3800
7	525	1050	1250	800	1600	1670	n.a.	2630	3400
7	525	1050	1250	900	1625	1670	n.a.	2630	3400
7	525	1050	1300	800	1600	1700	1910	2630	3400
7	525	1050	1300	900	1625	1700	1910	2630	3400
8	630	1100	1400	800	1600	1800	2010	2630	3400
8	630	1100	1400	900	1625	1800	2010	2630	3400
10	800	1200	1500	800	1750	1910	2110	2630	3400
10	800	1200	1500	900	1750	1910	2110	2630	3400
13	1000	1100	2100	800	1600	2500	2710	2630	3400
13	1000	1100	2100	900	1650	2500	2710	2630	3400
13	1000	1100	2100	1000	1800	2500	n.a.	3200	3800



Compliant with EN81-20 code

**Note:**

In this table all dimensions are in mm and loads in kg



Location of the Maintenance Access Panel

KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way: from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in managing the smooth flow of people and goods throughout buildings.

This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE NanoSpace™ and KONE UltraRope®.

KONE employs over 55,000 dedicated experts to serve you globally and locally.

## KONE CORPORATION

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