



# A COST-EFFECTIVE ELEVATOR FOR LOW-RISE RESIDENTIAL BUILDINGS

# A RELIABLE SOLUTION FOR RESIDENTIAL BUILDINGS

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 location within the landing door frame is flexible according to your needs.

Because it is equipped with a compact, gearless KONE EcoDisc® motor, the KONE EcoSpace requires no machine room, which saves space and 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.

## 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®.



The highly energy-efficient performance of KONE solutions is demonstrated by their ISO 25745 and VDI 4707 classifications\*. The ISO 25745 standard and VDI 4707 guidelines classify elevators from A to G, where A represents the most energy efficient and G the least energy efficient.



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 ISO 25745 and VDI 4707 classifications relate to each individual elevator and can change based on the specific elevator in question.



↑E  
24  
2000  
2  
3  
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5  
6  
7  
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\*  
#

3↑  
24  
2000  
2  
3  
4  
5  
6  
7  
8  
9  
0  
\*  
#

# 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

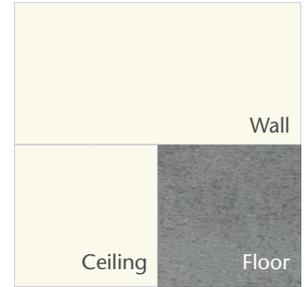
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 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

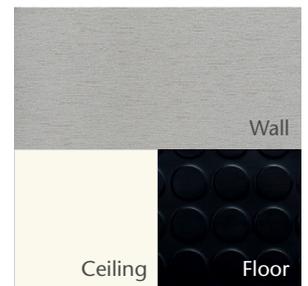
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)





## 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

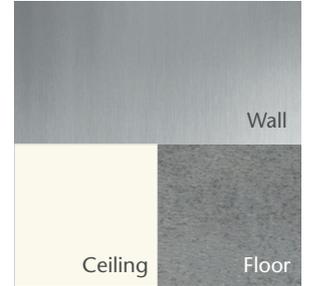
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11020

### CEILING

CL80  
Cloud White (P50)  
Painted steel finish with  
LED spots

### WALLS

Sunny Yellow (P52)  
Painted steel

### FLOOR

Dallas Black (RC6)  
Rubber tiles

### SIGNALIZATION

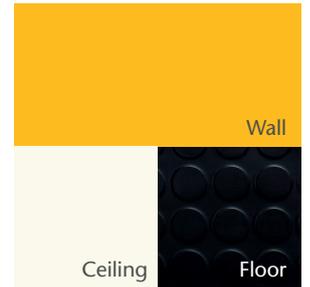
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11021

### CEILING

CL80  
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)





## 11022

### CEILING

CL80  
Cloud White (P50)  
Painted steel finish with  
LED spots

### WALLS

Misty Gray (P51)  
Painted steel

### FLOOR

Dallas Black (RC6)  
Rubber tiles

### SIGNALIZATION

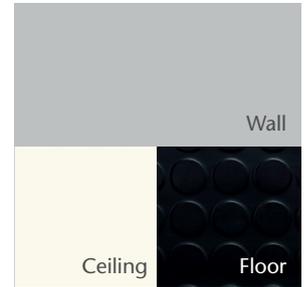
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11023

### CEILING

CL80  
Cloud White (P50)  
Painted steel finish with  
LED spots

### WALLS

Hazel Oak (L202)  
Wood pattern laminate

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

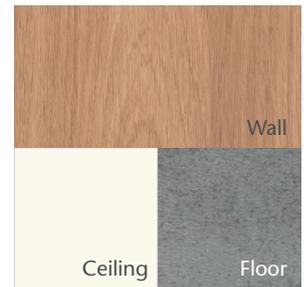
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11024

### CEILING

CL80  
Cloud White (P50)  
Painted steel finish  
with LED spots

### WALLS

Ebony Oak (L205)  
Wood pattern  
laminate

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

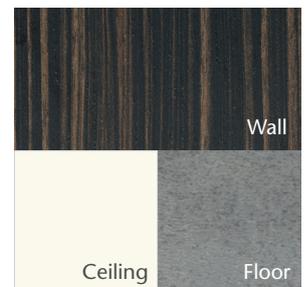
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)





## 11025

### CEILING

CL80  
Cloud White (P50)  
Painted steel finish  
with LED spots

### WALLS

Scottish Quad, (K)  
Decorated steel

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

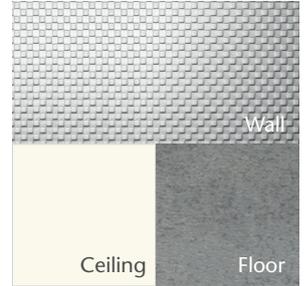
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

Brushed stainless steel  
(HR53)



## 11026

### CEILING

CL80  
Cloud White (P50)  
Painted steel finish  
with LED spots

### WALLS

Flemish Linen, (TS1)  
Decorated steel

### FLOOR

Ash Gray (VF20)  
Vinyl tiles

### SIGNALIZATION

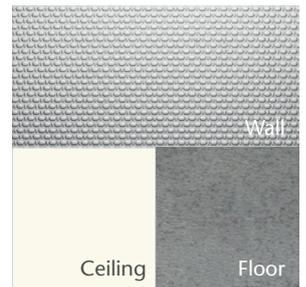
KCS 286

### MIRROR

Partial height, partial width,  
glass

### HANDRAIL

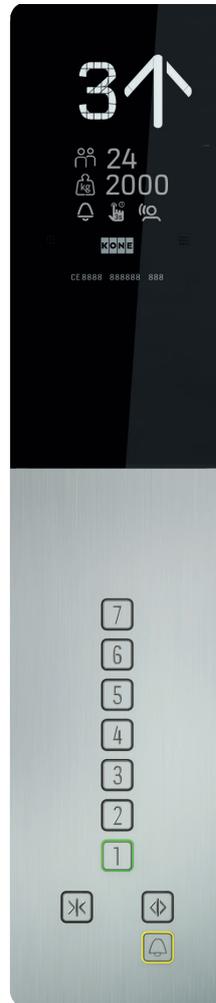
Brushed stainless steel  
(HR53)



# SIGNALIZATION



## CAR OPERATING PANEL (COP)



KSC 286

The state-of-the-art, EN81-70 compliant KSS 280 signalization is a cost-effective way to give your elevator a modern visual appearance.

## 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



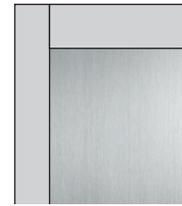
reddot design award  
winner 2012

# DOORS

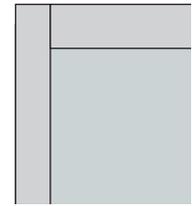
KONE doors feature a robust construction and an attractive visual appearance. They are highly reliable and designed to provide smooth, trouble-free operation for years.



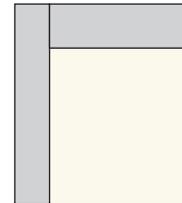
## DOOR MATERIALS



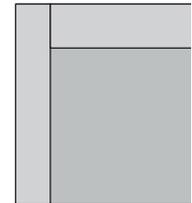
**F**  
Asturias Satin



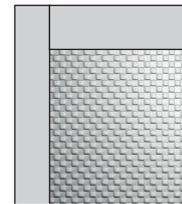
**Z**  
Zinc coated  
(local paint or decoration)



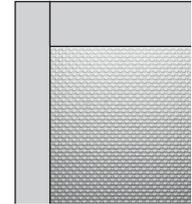
**P50**  
Cloud White



**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



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

# ACCESSORIES

## HANDRAILS



**HR50**  
Aluminum



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

## FOLDING SEAT



**FS1**  
**L224**  
Black Coal

## SKIRTING



**F**  
Asturias Satin

## TENANT DIRECTORY



**TD3/TD4**  
Brushed stainless steel base,  
tempered glass cover

# SAFETY FIRST

The KONE EcoSpace® can be supplied with all the essential safety and security features necessary for residential applications.

## SAFETY FEATURES

### STANDARD

- Adjustable gong sound – 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 curtain of light prevents door from closing if an obstruction is detected

### OPTIONAL

- KONE Remote Monitoring with GSM hub
- EN81-73:2016 (behavior of elevator in event of fire) compliant solution
- 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

### EN81-70 COMPLIANCE

The KONE EcoSpace includes solutions that comply with the European EN81-70 code for improving the use of elevators for people with disabilities.

- 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

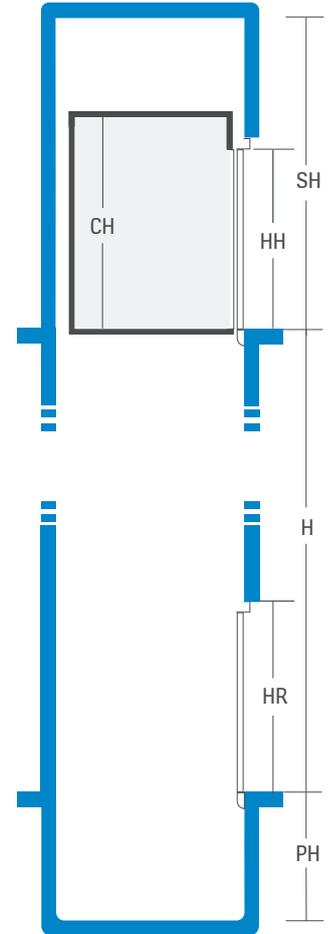
## MAIN SPECIFICATIONS, SINGLE ENTRANCE (SEC) AND THROUGH-TYPE (TTC) CARS

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

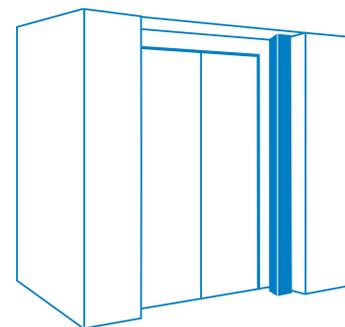
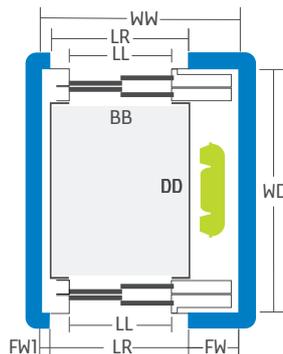
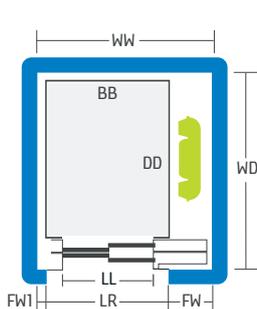
Compliant with EN81-20.

\*In case of counterweight safety gear (CWTSG) please add +300mm PH.

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
13	1000	1400	1600	900	2000	2010	2210	2630	3400
13	1000	1400	1600	1000	1970	2010	2210	2630	3400
13	1000	1400	1600	900	2000	2010	2210	2630	3400
13	1000	1400	1600	1000	1970	2010	2210	2630	3400



Compliant with EN81-20



Location of 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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