



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.

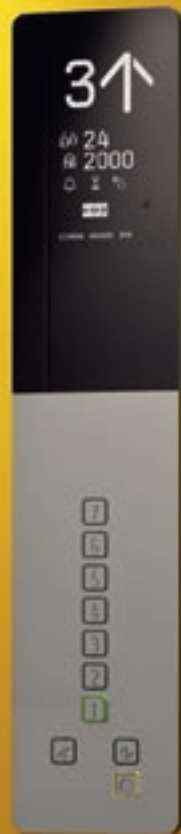


YOUR TRUSTED PARTNER

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



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

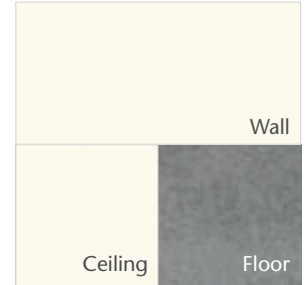
KCS 286

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

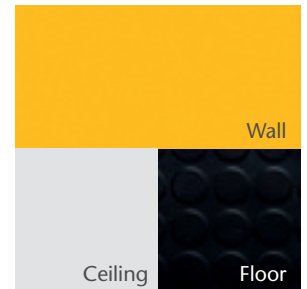
KCS 286

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

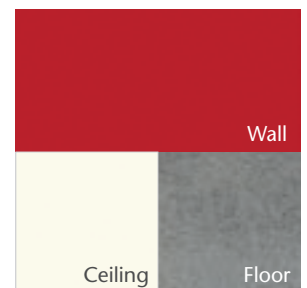
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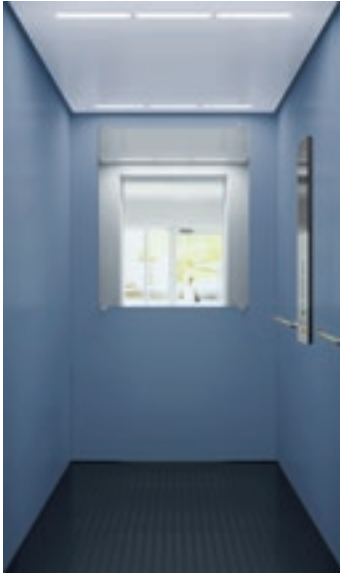
MIRROR

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

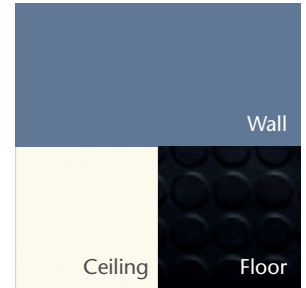
KCS 286

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

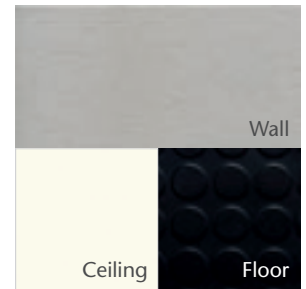
KCS 286

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

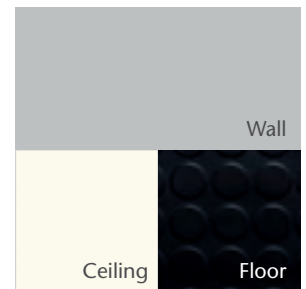
KCS 286

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

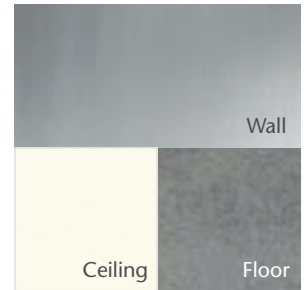
KCS 286

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

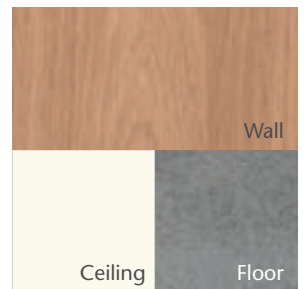
KCS 286

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

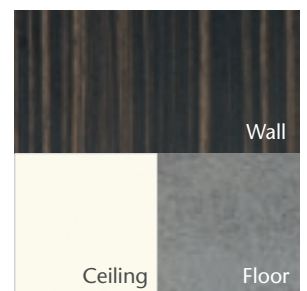
KCS 286

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

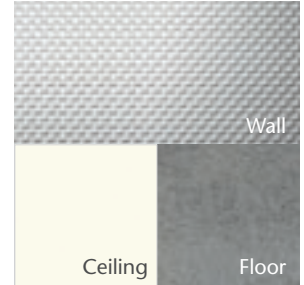
KCS 286

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

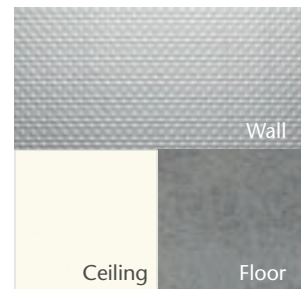
KCS 286

MIRROR

Partial height, partial width,
glass

HANDRAIL

Brushed stainless steel
(HR53)



SIGNALIZATIONS



CAR OPERATING PANEL (COP)



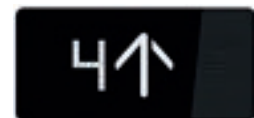
KSC 286

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. EN81-70-2017 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

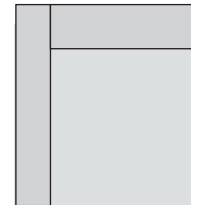
The KONE doors feature a robust construction and attractive visuals. They are highly reliable and designed to provide smooth and troublefree operation for years.



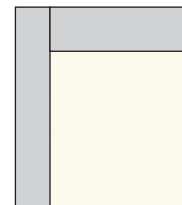
DOOR MATERIALS



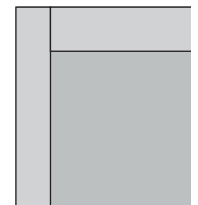
F
Asturias Satin



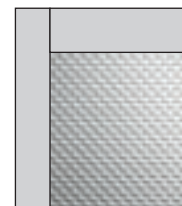
Z
Zinc coated
(local paint or decoration)



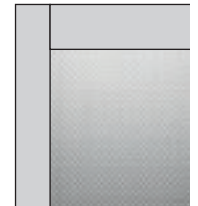
P50
Cloud White



P 51
Misty Gray



K
Scottish Quad



TS1
Flemish Linen

CEILINGS



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 EN81-70-2017

The KONE EcoSpace elevator offers solutions that comply with European code EN81-70-2017, 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

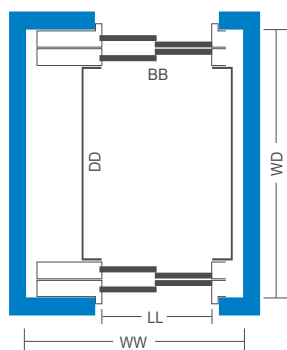
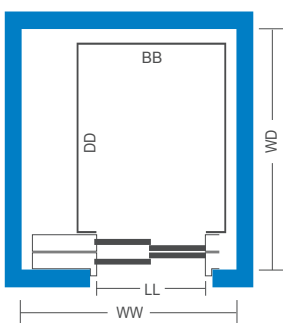
Compliant with EN81-20 code

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

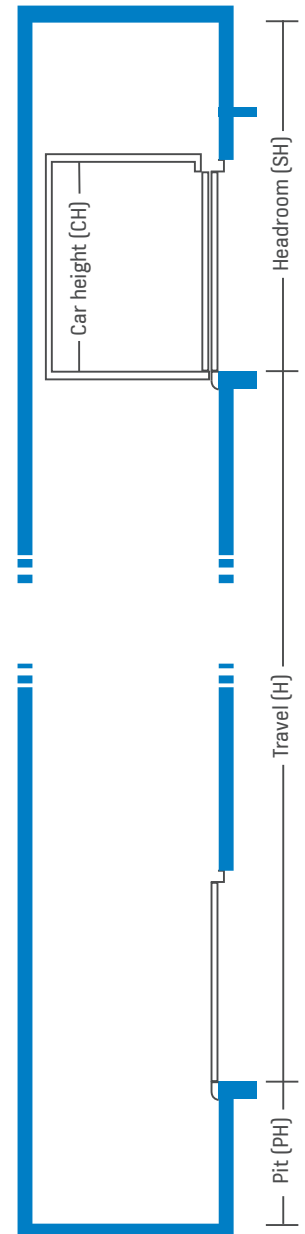
Compliant with EN81-20 code

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 helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. 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 close to 52,000 dedicated experts to serve you globally and locally.

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