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KONE
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A COST EFFECTIVE LIFT FOR LOW-RISE BUILDINGS

A RELIABLE, RESIDENTIAL LIFT SOLUTION

COST EFFECTIVE AND RELIABLE LIFT FOR YOUR BUILDING

The KONE EcoSpace® is a highly cost-effective lift 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 suit your demands.

Equipped with compact gearless KONE EcoDisc® motor the EcoSpace lift doesn't need a 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 signalisation – 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 lifts from the most to the less energy efficient lifts.



YOUR TRUSTED PARTNER

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

| KEY FACTS | |
|------------------------|--|
| Max. no. of stops | 6 |
| Max. travel (m) | 18 |
| Speed (m/s) | 0.63, 1.0 |
| Load (kg) | 450, 480, 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 relate to individual lifts and can change based on the specific lift



ELEVEN CUSTOMISABLE 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

SIGNALISATION

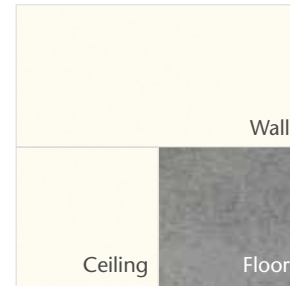
KCS 286

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

SIGNALISATION

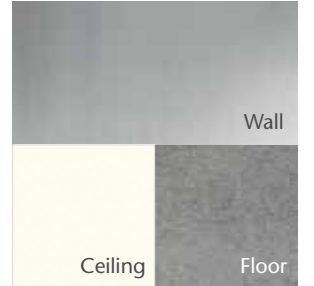
KCS 286

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

SIGNALISATION

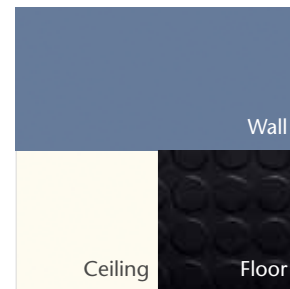
KCS 286

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

SIGNALISATION

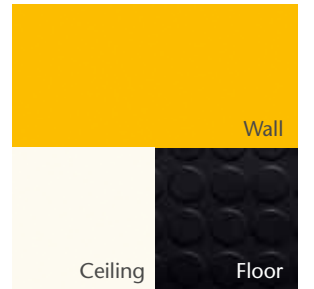
KCS 286

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

SIGNALISATION

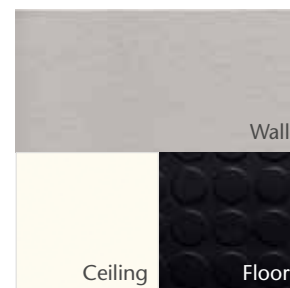
KCS 286

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

SIGNALISATION

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

SIGNALISATION

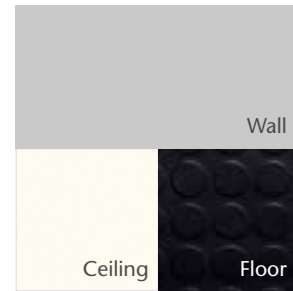
KCS 286

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

SIGNALISATION

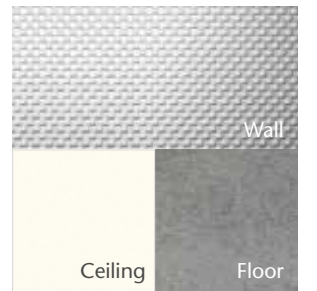
KCS 286

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

SIGNALISATION

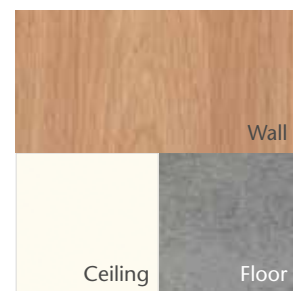
KCS 286

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

SIGNALISATION

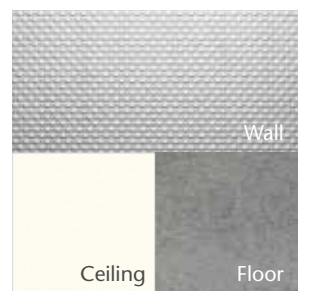
KCS 286

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

SIGNALISATION

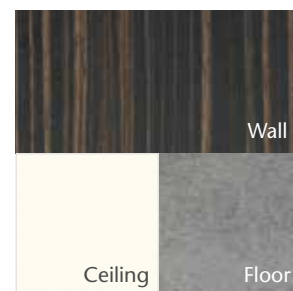
KCS 286

MIRROR

Partial height, partial width,
glass

HANDRAIL

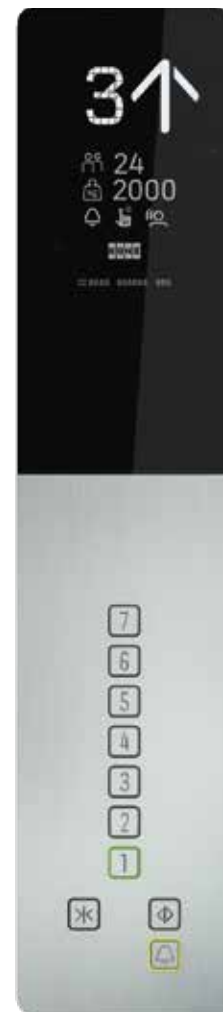
Brushed stainless steel
(HR53)



SIGNALISATIONS



CAR OPERATING PANEL (COP)



KSC 286

A state-of-the-art new KSS 280 provides a modern visual appearance linked with the functionality you need in your project. An EN81-70 compliant solution.

HALL LANTERN (HL)



KSH 280



KSI 286

LANDING CALL STATION (LCS)



KSL 280



KSL 284



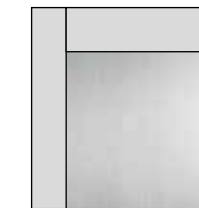
reddot design award
winner 2012

DOORS

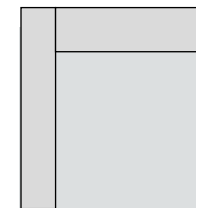
The KONE doors feature a robust construction and attractive visuals. They are highly reliable and designed to provide smooth and troublefree operation for years.



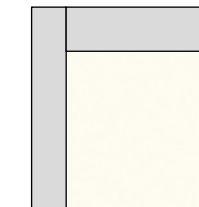
DOOR MATERIALS



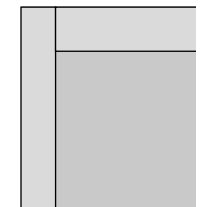
F
Asturias Satin



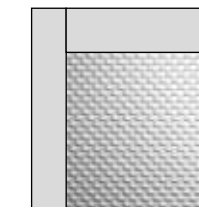
Z
Zinc coated
(local paint or decoration)



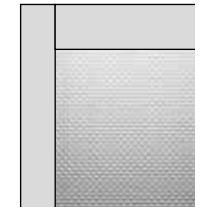
P50
Cloud White



P 51
Misty Gray



K
Scottish Quad



TS1
Flemish Linen

CEILINGS



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
Aluminium



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

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

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
- Accurate levelling with doors open
- Curtain of light to protect against doors closing
- KRM with GSM

ACCESSIBILITY FOR ALL



OPTIONAL

- EN81-73-2016 behaviour of the lift in the event of fire
- Locking of car calls with a PIN code
- Fire alarm input
- Green main floor button

COMPLIANCE WITH EN81-70

The KONE EcoSpace lift offers solutions that comply with the 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 | 450, 480, 630, 800, 1000 | 6 | 18 | 2100 2200 | 1100* | Side opening |

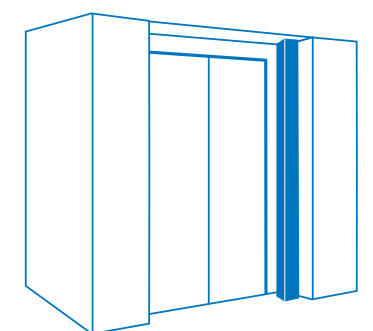
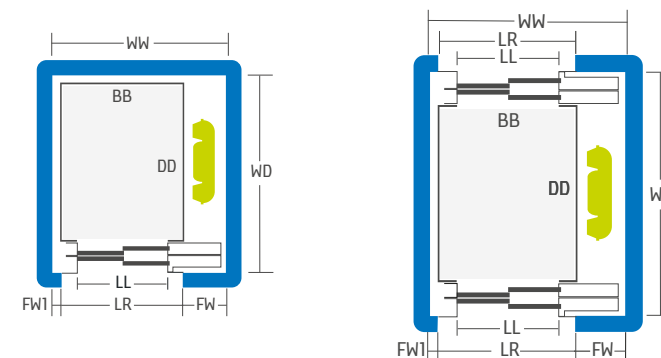
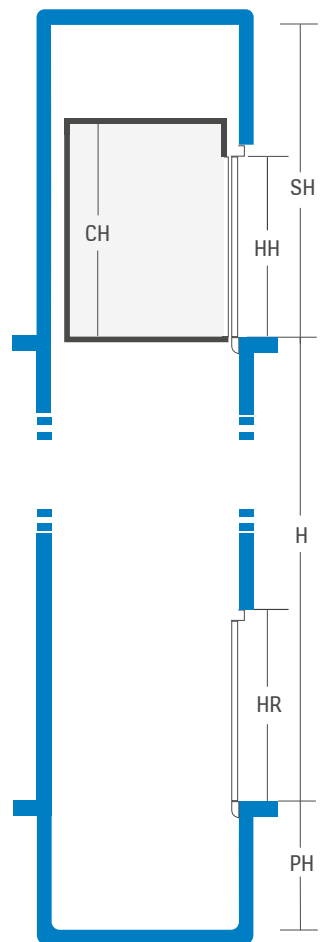
Compliant with EN81-20 code

| 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) |
|---------|-----------|---------|---------|---------|---------|---------|---------------|----------------------|----------------------|
| 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 |
| 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 |

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 lifts, 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 modernisation. 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 24/7 Connected Services and KONE UltraRope®.

KONE employs over 57,000 dedicated experts to serve you globally and locally.

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