

Dedicated to People Flow™



A COST EFFECTIVE ELEVATOR FOR LOW-RISE RESIDENTIAL BUILDINGS

# KONE EcoSpace®

# Reliable, residential elevator solution

## Cost effective and reliable

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

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.

## 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   |
| Speed (m/s)            | 0.63, 1.0  |
| Load (kg)              | 320, 400, 450, 480, 630, 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          |



# Nine 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**

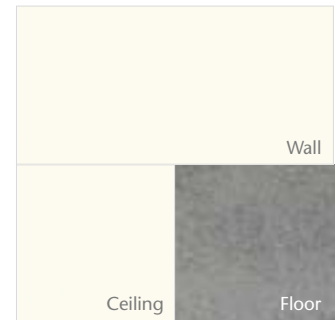
KCS 286

**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**

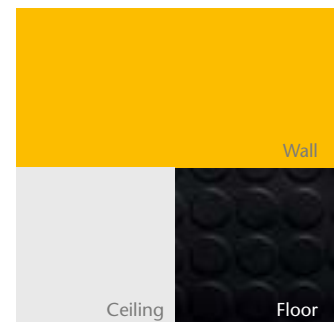
KCS 286

**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

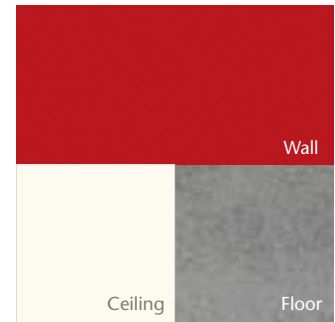
KCS 286

### 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

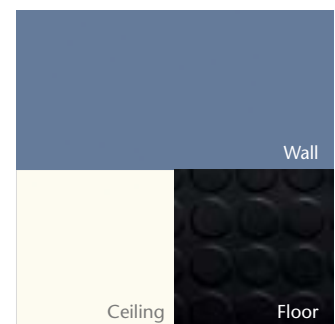
KCS 286

### 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

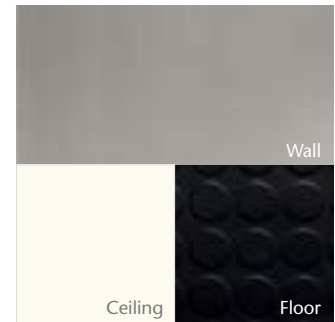
KCS 286

### 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

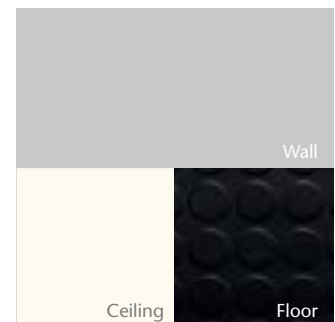
KCS 286

### 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

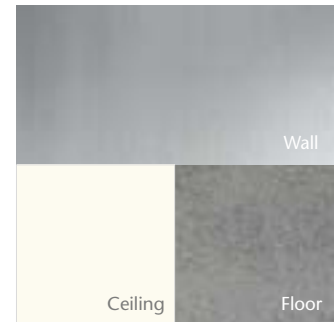
KCS 286

### 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

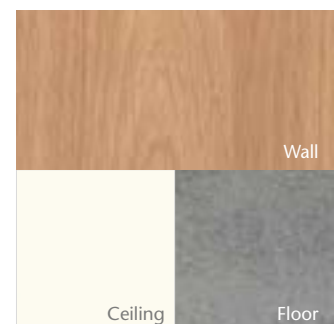
KCS 286

### 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

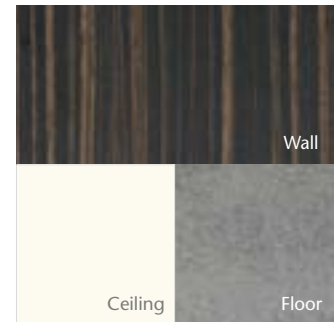
KCS 286

### 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

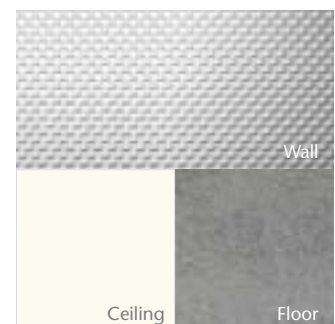
KCS 286

### Mirror

Partial height, partial width,  
glass

### Handrail

Brushed stainless steel (HR53)



# 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

## Landing call station (LCS)



KSL 280 DC



KSL 284



KSL 286



reddot design award  
winner 2012

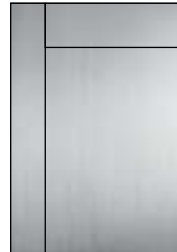


# Landing doors

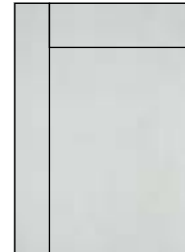
The KONE doors feature a robust construction and attractive visuals. They are highly reliable and designed to provide smooth and troublefree operation for years.



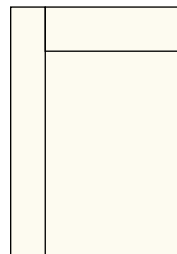
## Landing door materials



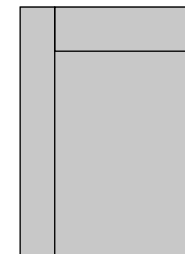
**F**  
Asturias Satin



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



**P 50**  
Cloud White



**P 51**  
Misty Gray

## 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)
- KONE Remote monitoring system (KRMS) inside the car is fitted as standard or optional
- Accurate leveling with doors open
- Photocell on doors protect against closing door

### Optional

- KRM with GSM hub
- EN81-73 behavior of elevator in the event of fire
- Locking of car calls by Pin code
- Fire alarm input
- Green main floor button

# Accessibility for all



## Compliance with EN 81-70

The KONE EcoSpace elevator offers solutions that comply with European code EN 81-70, relating to disabled access.

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

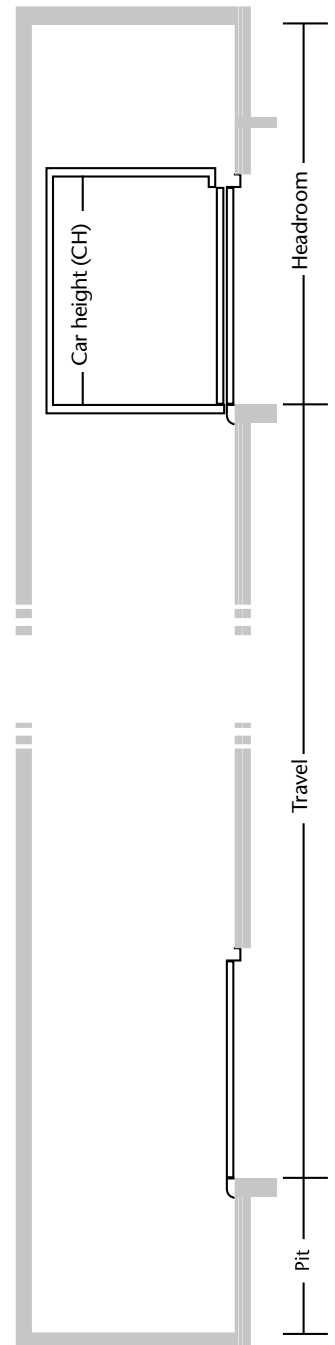
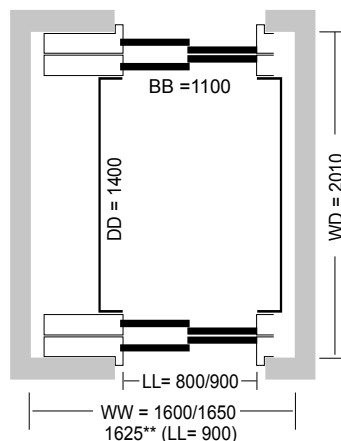
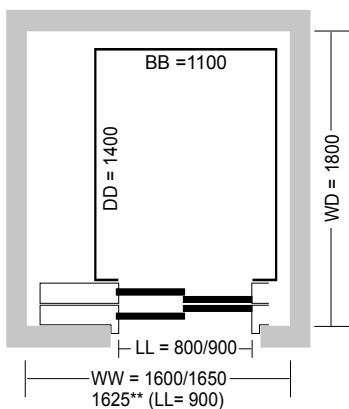
# Dimensions

| Main specifications, single entrance (SEC) and through type (TTC) cars |                              |                   |               |                    |                  |             |              |
|--|------------------------------|-------------------|---------------|--------------------|------------------|-------------|--------------|
| Speed m/s  | Load kg                      | Max. no. of stops | Max. travel m | Car height (CH) mm | Headroom (SH) mm | Pit (PH) mm | Door         |
| 0.63, 1.0  | 320, 400 450, 480, 630, 1000 | 14                | 35            | 2100               | 3400             | 1100        | Side opening |
|  |                              |                   |               | 2200               | 3500             |             |              |

Compliant with EN81-1code

| Persons | Load | BB   | DD   | LL   | WW     | WD   | WD - TTC |
|---------|------|------|------|------|--------|------|----------|
| 4       | 320  | 750  | 1100 | 700  | 1350   | 1500 | n.a.     |
| 4       | 320  | 900  | 1000 | 700  | 1400   | 1400 | n.a.     |
| 4       | 320  | 900  | 1000 | 700  | 1450   | 1400 | n.a.     |
| 5       | 400  | 800  | 1200 | 700  | 1350   | 1600 | 1810     |
| 5       | 400  | 800  | 1200 | 750  | 1400   | 1600 | 1810     |
| 5       | 400  | 950  | 1100 | 700  | 1450   | 1500 | 1710     |
| 5       | 400  | 950  | 1100 | 700  | 1500   | 1500 | 1710     |
| 5       | 400  | 950  | 1100 | 800  | 1500   | 1500 | 1710     |
| 6       | 450  | 1000 | 1200 | 800  | 1500   | 1600 | 1810     |
| 6       | 450  | 1000 | 1200 | 900  | 1650   | 1600 | 1810     |
| 6       | 480  | 950  | 1300 | 800  | 1500   | 1700 | 1910     |
| 6       | 480  | 950  | 1300 | 900  | 1650   | 1700 | 1910     |
| 6       | 480  | 1000 | 1250 | 800  | 1500   | 1650 | 1860     |
| 6       | 480  | 1000 | 1250 | 900  | 1650   | 1650 | 1860     |
| 6       | 480  | 1000 | 1300 | 800  | 1500   | 1700 | n.a.     |
| 6       | 480  | 1000 | 1300 | 900  | 1650   | 1700 | n.a.     |
| 8       | 630  | 1100 | 1400 | 800  | 1600   | 1800 | 2010     |
| 8       | 630  | 1100 | 1400 | 900  | 1625 * | 1800 | 2010     |
| 13      | 1000 | 1100 | 2100 | 800  | 1600   | 2500 | 2710     |
| 13      | 1000 | 1100 | 2100 | 900  | 1650   | 2500 | 2710     |
| 13      | 1000 | 1100 | 2100 | 1000 | 1800   | 2500 | n.a.     |

Compliant with EN81-1code



**Note:** All dimensions are in mm  
 Loads in kg  
 \* 1625 only in non fire rated doors



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 EcoMod™ and KONE UltraRope™.

KONE employs on average 47,000 dedicated experts to serve you globally and locally.

**KONE Corporation**  
**[www.kone.com](http://www.kone.com)**