A COST EFFECTIVE ELEVATOR FOR LOW-RISE RESIDENTIAL BUILDINGS

KONE EcoSpace®
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.

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.

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**

<table>
<thead>
<tr>
<th>Max. no. of stops</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. travel (m)</td>
<td>35</td>
</tr>
<tr>
<td>Speed (m/s)</td>
<td>0.63, 1.0</td>
</tr>
<tr>
<td>Load (kg)</td>
<td>320, 400, 450, 480, 525, 630, 800, 1000 (fixed car sizes)</td>
</tr>
<tr>
<td>Car type</td>
<td>Single and dual opening (through type car)</td>
</tr>
<tr>
<td>Control type</td>
<td>Push button, down collective and full collective</td>
</tr>
<tr>
<td>Door type</td>
<td>Side opening</td>
</tr>
<tr>
<td>Energy saving features</td>
<td>Standby, power regeneration, LED lights</td>
</tr>
</tbody>
</table>

* 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
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)

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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)

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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)
A state of 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.
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

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF99</td>
<td>Cloud White (P50)</td>
<td>Painted steel</td>
</tr>
<tr>
<td>Asturias Satin (F)</td>
<td>Asturias Satin</td>
<td>Brushed stainless steel</td>
</tr>
<tr>
<td>LF88</td>
<td>Cloud White (P50)</td>
<td>Painted steel</td>
</tr>
<tr>
<td>Asturias Satin (F)</td>
<td>Asturias Satin</td>
<td>Brushed stainless steel</td>
</tr>
<tr>
<td>HR50</td>
<td>Zinc coated</td>
<td>(local paint or decoration)</td>
</tr>
<tr>
<td>HR53</td>
<td>Scottish Quad</td>
<td>Misty Gray</td>
</tr>
<tr>
<td>TS1</td>
<td>Flemish Linen</td>
<td>Black Coal</td>
</tr>
</tbody>
</table>

CEILINGS

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF88</td>
<td>Cloud White</td>
<td>Painted steel with compact fluorescent tubes</td>
</tr>
<tr>
<td>LF99</td>
<td>Cloud White</td>
<td>Painted steel</td>
</tr>
</tbody>
</table>

ACCESSORIES

HANDRAILS

<table>
<thead>
<tr>
<th>Model</th>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR50</td>
<td>Aluminium</td>
<td></td>
</tr>
<tr>
<td>HR53</td>
<td>Brushed stainless steel, EN81-70 compliant</td>
<td></td>
</tr>
</tbody>
</table>

SKIRTING

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>Asturias Satin</td>
</tr>
</tbody>
</table>
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
- 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

<table>
<thead>
<tr>
<th>Speed (m/s)</th>
<th>Load (kg)</th>
<th>Max. NO. of Stops</th>
<th>Max. Travel, H (m)</th>
<th>Car Height, CH (mm)</th>
<th>Pit, PH (mm)</th>
<th>Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.63, 1.0</td>
<td>320, 400, 450, 480, 525, 630, 800, 1000</td>
<td>14</td>
<td>35</td>
<td>2100</td>
<td>1100</td>
<td>Side opening</td>
</tr>
</tbody>
</table>

### Note:

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

### Compliant with EN81-20 Code

### Dimensions and Interfaces

### 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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