

Dedicated to People Flow™



A COST EFFECTIVE ELEVATOR FOR LOW-RISE RESIDENTIAL BUILDINGS

KONE EcoSpace™

A smart residential elevator solution

- Eco-efficient
- Six design alternatives
- Machine-room-less elevator
- Powered by KONE EcoDisc®
- Max. no. of stops: 5
- Max. travel: 15 m
- Speed: up to 1.0 m/s
- Load: 450 & 630 kg

A cost-effective elevator package

KONE EcoSpace™ is a functional, cost-effective elevator solution designed specifically for low-rise residential buildings.

Featuring standard materials and tested components, the fast-to-install KONE EcoSpace delivers outstanding operational efficiency and reliability.

It is powered by the gearless, highly efficient permanent magnet KONE EcoDisc® machine, which has extremely low levels of wear and reduces energy consumption to half that of a comparable geared or hydraulic installation. It needs no oil, reducing the risk of fire and eliminating oil spills.



Highlights

Eco-efficiency:

- New ceiling designs with compact fluorescent lights (CFL)
- Power regeneration saves braking energy and sends it back into the network
- Stand-by mode for drive, signalisation and car lighting saves energy when not in use

Flexibility:

- Elevator cars available with custom floor option to ensure an integrated look with the building's lobby

Space efficiency:

- Lower headroom and pit depth



Six customisable car designs

Sunrise



Sunrise 1

Ceiling

LF99 Coated steel, Alpina White (R8) finish with fluorescent tubes
(See page 6 for other ceiling options)

Walls

Castellane Aluminium (AL2)
Noise resistant composite

Floor

Chicago Silver (VF1)
Wear resistant, striped vinyl

Signalisation

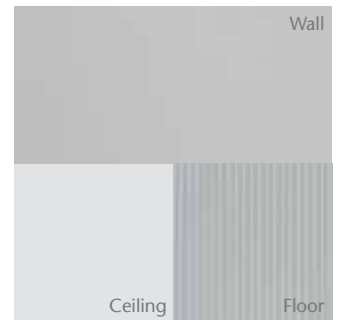
KSS 320

Mirror

Partial height, glass

Handrail

Brushed stainless steel (HR53)



Sunrise 2

Ceiling

LF99 Coated steel, Alpina White (R8) finish with fluorescent tubes
(See page 6 for other ceiling options)

Walls

Rialto Red (AL5)
Noise resistant composite

Floor

Detroit Grey (RC5)
Wear resistant, coin-patterned rubber

Signalisation

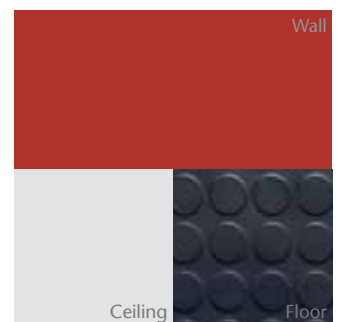
KSS 320

Mirror

Partial height, glass

Handrail

Brushed stainless steel (HR53)



Midday



Midday 1

Ceiling

LF99 Coated steel, Alpina White (R8) finish with fluorescent tubes
(See page 6 for other ceiling options)

Walls

Savannah Ivory (AL1)
Noise resistant composite

Floor

Dayton Grey (RC9)
Wear resistant, flecked rubber

Signalisation

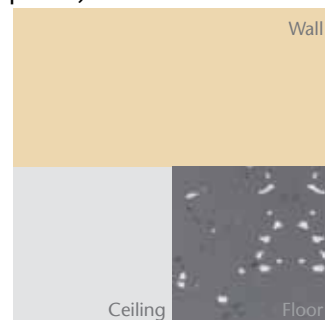
KSS 320

Mirror

Partial height, glass

Handrail

Brushed stainless steel (HR53)



Midday 2

Ceiling

LF99 Coated steel, Alpina White (R8) finish with fluorescent tubes
(See page 6 for other ceiling options)

Walls

Modena Yellow (AL6)
Noise resistant composite

Floor

Dayton Grey (RC9)
Wear resistant, flecked rubber

Signalisation

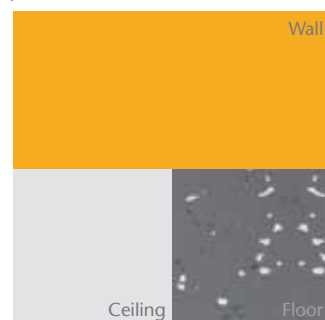
KSS 320

Mirror

Partial height, glass

Handrail

Brushed stainless steel (HR53)



Twilight



Twilight 1

Ceiling

LF100 Coated steel, Alpina White (R8) finish with compact fluorescent spot lights
(See page 6 for other ceiling options)

Walls

Seattle Slateblue (AL4)
Noise resistant composite

Floor

Detroit Grey (RC5)
Wear resistant, coin-patterned rubber

Signalisation

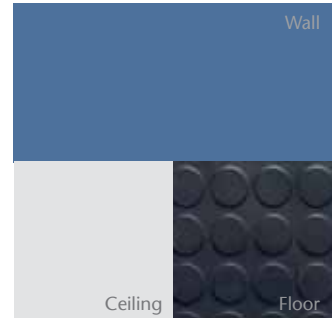
KSS 320

Mirror

Partial height, glass

Handrail

Brushed stainless steel (HR53)



Twilight 2

Ceiling

LF100 Coated steel, Alpina White (R8) finish with compact fluorescent spot lights
(See page 6 for other ceiling options)

Walls

Torino Satin (AL3)
Noise resistant composite

Floor

Chicago Silver VF1
Wear resistant, striped vinyl

Signalisation

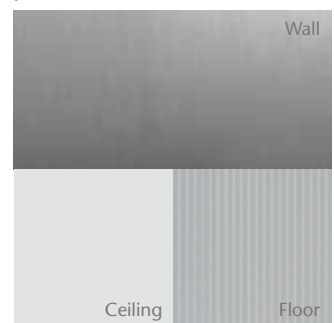
KSS 320

Mirror

Partial height on rear wall

Handrail

Brushed stainless steel (HR53)



Ceiling options



LF99

Coated steel, Alpina White (R8) finish with fluorescent tubes



LF100

Coated steel, Alpina White (R8) finish with compact fluorescent spot lights

Safety first



Compliance with EN 81-70

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

Additional features:

- Mirror: mandatory partial height mirror on back wall, optional on side wall opposite car operating panel (COP)
- COP: mandatory announcement device
- Handrail: mandatory easy to clean brushed stainless steel (HR53) with curved ends
- Hall lantern with directional arrows, mandatory on landing
- Optional braille tags on landing call station and COP
- Sound adjustable gong, from 35-65 dB (A)
- KONE Remote monitoring system (KRMS) inside the car is fitted as standard. KRMS with gsm is optional.
- EN81-73 option available (behaviour of lift in the event of fire)

Note: In case of through type car, only side wall mirror and handrail opposite to COP remain.

Signalisation and landing doors

Car operating panel

The surface mounted car operating panels are available with KONE EcoSpace™ have the following user friendly features and functions:

- Optional braille tags
- Special function buttons and keys (e.g. alarm, door open)
- Emergency light
- Floor position indicator
- Informative messages
- Remote Monitoring and two-way communication with a KONE service centre.
- **KSC 320:**
Display: Amber, 7-segment
Faceplate material: Coated metal, Monterrey Silver (R1)
- **KSC 370:**
Display: Amber, 7-segment or dot matrix
Faceplate material: Brushed stainless steel (F)



Landing devices

Landing call stations and hall lanterns are door-mounted for easy and fast integration and to minimise the building interface.

The landing button halo is slightly illuminated, even when a call is not registered, to make it easy to locate in any lighting condition.

The optional hall lantern indicates the next direction of travel.



KSC 320

KSC 370



Landing doors

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

Landing door materials



Asturias Satin (F)
Brushed stainless steel

Technology you can trust

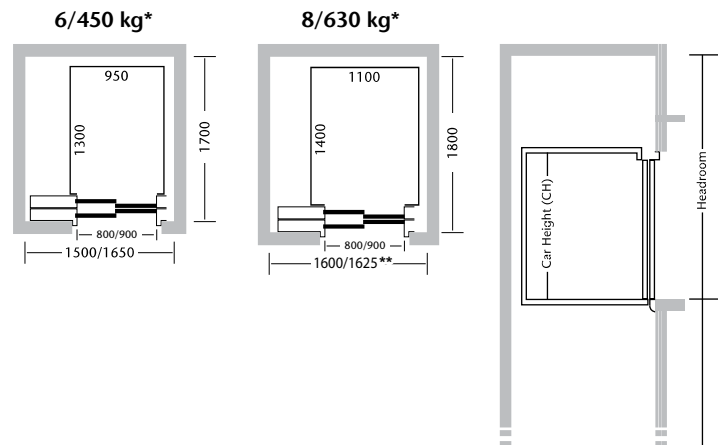
The KONE EcoSpace™ is powered by the compact gearless KONE EcoDisc™ motor that has become the industry standard, with countless thousands of units in operation around the world.

Because of its power and efficiency, the KONE EcoSpace needs no unsightly rooftop machine room, reducing costs and freeing up more usable space.

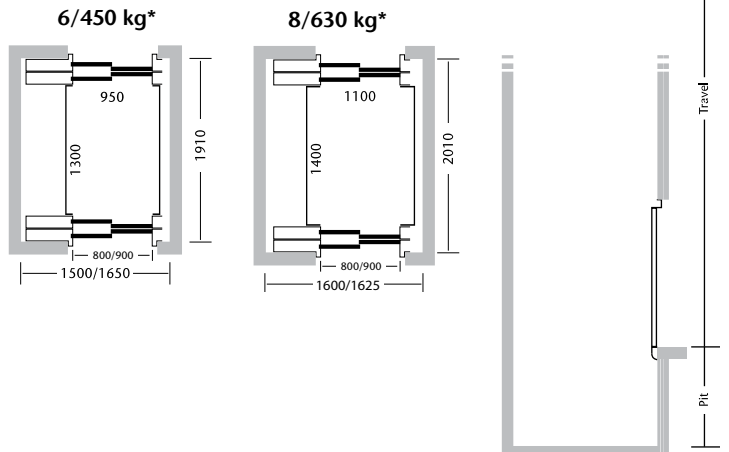
Elevators for low-rise residential buildings – 180,000 starts/year

Car dimensions, single entrance (SEC) and through type (TTC) cars						
Speed m/s	Max. no. of stops	Max. travel m	Car height (CH) mm	Headroom (SH) mm	Pit (PH) mm	Door
Up to 1.0 m/s	5	15	2100	3400	1100	Side opening
			2200	3500		

Single entrance cars (SEC)



Through type cars (TTC)



Note: All dimensions are in mm

* persons/load

** 1625 only with non fire rated doors