

Economical and efficient – KONE E MiniSpace™

The KONE E MiniSpace™ is an economical solution for providing reliable, efficient, and comfortable transport between floors in residential buildings. Part of the KONE MiniSpace family, the KONE E MiniSpace elevator incorporates the core innovations that have made KONE the industry leader in eco-efficient elevator solutions. Clear specifications and a standardized offering make it easy to choose and install the solution that best fits the needs of your building.



The eco-efficient KONE EcoDisc hoisting system

Pre-designed specifications to match your needs

The KONE E MiniSpace solution is offered with pre-designed options for car size and load. The available options are designed specifically to meet the typical needs of residential environments.

Save energy with KONE eco-efficient technologies

The KONE E MiniSpace elevator is powered by the energy-efficient KONE EcoDisc® hoisting machine. It is also equipped with standby solutions that switch off the lighting and fan when the elevator is not in use.

A smooth and quiet ride

The V3F variable-frequency drive ensures a smooth, comfortable ride with an improved acceleration/deceleration profile, better floor-to-floor travel times, and precision leveling.

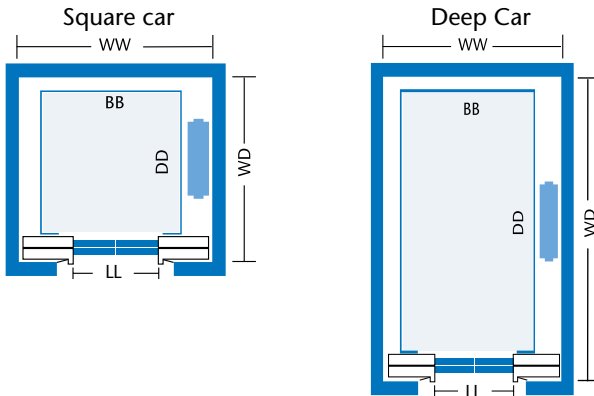
Easy installation and maintenance

The KONE E MiniSpace has a compact machine room that is simply an extension of the elevator shaft, making installation easier and more efficient. Once the elevator is installed, KONE Care™ maintenance solutions help to keep your equipment running smoothly around the clock. KONE has a broad maintenance service supported by a global spare parts network.

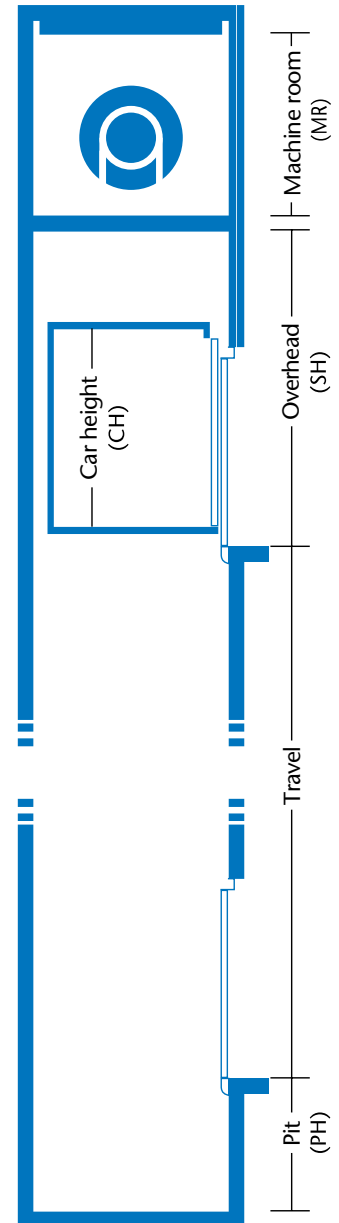
Certified for safety

All KONE manufacturing units are ISO 14001 certified and meet all elevator industry standards and requirements, including (EN81-1:1998/GB7588).

KONE E MiniSpace™ planning data



KONE E MiniSpace planning data with CO doors					
Load kg	Car size BB x DD,LL	Speed m/s	Travel m	Shaft size WW x WD	
				NOM	MAX
630	1100 x 1400, 800	1.0 - 2.0	≤ 100	1750 x 1890	2045 x 2400
630	1100 x 1400, 800	1.0 - 2.0	> 100	1750 x 1890	2045 x 2400
630	1100 x 1400, 800	2.5	ALL TL	1750 x 1900	2045 x 2400
800	1350 x 1400, 800	1.0 - 2.0	≤ 100	1900 x 1890	2295 x 2470
800	1350 x 1400, 800	1.0 - 2.0	> 100	1890 x 1890	2295 x 2470
800	1350 x 1400, 800	2.5	ALL TL	1905 x 1900	2295 x 2470
800	1250 x 1500, 800	1.0 - 2.0	≤ 100	1800 x 1940	2195 x 2500
800	1250 x 1500, 800	1.0 - 2.0	> 100	1790 x 1940	2195 x 2500
800	1250 x 1500, 800	2.5	ALL TL	1805 x 1950	2195 x 2500
800	1100 x 1650, 800	1.0 - 2.0	≤ 100	1750 x 2030	2045 x 2640
800	1100 x 1650, 800	1.0 - 2.0	> 100	1750 x 2030	2045 x 2640
800	1100 x 1650, 800	2.5	ALL TL	1750 x 2040	2045 x 2640
1000	1600 x 1400, 900	1.0 - 2.0	≤ 100	2150 x 1890	2545 x 2470
1000	1600 x 1400, 900	1.0 - 2.0	> 100	2140 x 1890	2545 x 2470
1000	1600 x 1400, 900	2.5	ALL TL	2155 x 1900	2545 x 2470
1000	1400 x 1600, 900	1.0 - 2.0	≤ 100	1950 x 1990	2345 x 2670
1000	1400 x 1600, 900	1.0 - 2.0	> 100	1950 x 1990	2345 x 2670
1000	1400 x 1600, 900	2.5	ALL TL	1955 x 2000	2345 x 2670
1000	1100 x 2100, 900	1.0 - 2.5	ALL TL	1950 x 2420	2200 x 3090



Speed	1.0, 1.6, 1.75, 2.0, 2.5 m/s
Load	630, 800, 1000 kg
Max. stops	18 (1.0 m/s), 30 (1.6/1.75 m/s), 38 (2.0/2.5 m/s)
Max. travel	55 (1.0 m/s), 90 (1.6 m/s), 100 (1.75 m/s), 110 (2.0 m/s), 120 (2.5 m/s)
Car height (CH)	2200, 2300, 2400 mm*

Note:

* For CH 2200 integrated ceilings LF10 and LF11 not available.

Speed (m/s)	Overhead height SH (mm)**	Pit height PH (mm)
1.0	3740	1330/1340 ¹⁾
1.6	3900	1475
1.75	3950	1510/1520 ¹⁾
2.0	4050	1580
2.5	4350	2070

Note:

¹⁾ When CE certified safety components

** Dimensions with CH 2400. When suspended ceiling (LF12, LF66E, CL70, CL88, CL103) is used, add 100 mm to the SH value

*** With balustrade height 1100 mm, add 400 mm to SH value

Features

MOP T Motor protection, thermistors with automatic reset	B	FID BO Fire detection, whole building, doors open	O
PDD N Phase failure detection	B	FID SO Fire detection, manual switch, doors open	O
RDF RC Recall drive	B	FRD Fireman's drive	O
EEC S Emergency exit contact in shaft	O	FID AO Fire detection, whole building, alternative return floor, doors open	O
DTS Drive time supervision	B	LPS VN Lift position synchronizing	B
CDL O Car door limit switches, separate open limit	B	CEL S Car emergency lighting, separate light	B
EMR Emergency stop switch on car roof	B	EBS S Emergency battery supply with supervision	B
EMH O Emergency stop switch in well, one switch	B	EBD A Emergency battery drive, automatic	O
EMH T Emergency stop switch in shaft pit, two switches	O	EPD MCF Emergency power drive, to main floor, doors closed, full service	O
SGE Safety gear contact	B	ABE C Alarm bell under/top of car	B
OSG CM Car overspeed governor in machine room	B	ISE M Emergency intercom	B
DOP Door opening prevention switch in controller	B	ISE F Five-way intercom system	B
TWS C Tension weight switch of overspeed governor, car	B	ISE N Multi-intercom system	O
EEC C Emergency exit contact in car	B		
OSS LC Out of service switch at landing, doors closed, lights off	B		

ABE M Alarm at main floor	O	DOB OI Door open button, normally open contact	B
QCC Quick close from new car call	O	DCB I Door close button	B
LCL Landing call registered light	B	NUD L Nudging service, by measuring load	O
CCL Car call registered light	B	SRC RNC Safety ray in car, reopen	B
OLF C Overload function, constant light	B	BOF Buttons to operate car doors for service purposes	B
DIA C Direction arrows in car	B	ACL C Accurate re-leveling, automatic, closed doors	B
CPI PS Car position indicator in controller, seven segment	B	FCC C False car call cancel, by counting stops	O
DZI N Door zone indication, no buzzer	B	SPB BP Stuck button supervision, both calls, no service	B
SCN N Start counter, number of starts, not loosing data in power failure	B	CCB Car calls backwards	B
DAL GP Disturbance alarm, general, potential free	O	LCC Landing call cross coupling, time dependent	O
LIL AM Lift link, alarm, mode signals	O	OCL AF Operation of car light, automatic	O
LIL AMB Lift link, alarm, position binary	O	OCV AF Operation of car ventilation, automatic	B
TSD ES Traffic supervision display, with LEDs, in supervision room	O	CLS O Car light supervision, parking doors open	O
CTV I camera in the car, interface only	O	CCM A Car calls from machine room, all	B
FCC R two touch car call cancel	O	CDC Car door contact	B
ACL B Accurate releveling, automatic both open and closed doors	B	ATS C Attendant service, using car call buttons as indicators	O
		OSS COI Out of service switch in car, doors open, lights on, indication	O
		SED WSR Service drive, without limitations, car roof buttons with extra run button	B

LCD Landing calls disconnect	B	ACU F lift announcer	O
FEB S Basement floor extension, separate buttons	O	TSD ES traffic supervision with LEDs.	O
FET S Top floor extension, separate buttons	O	THD L total harmonic distortion filtering for non MLB drive	O
PAM C Parking at main floor, doors closed	B	EPS S Emergency power sequencer, separate	O
PAD C Parking at pre-defined floor, doors closed	O	BMV M Braking method drive (KDL16L only)	O
		ACL B Accurate releveling, automatic, both open and closed doors	O
		LSC P Provision for loudspeaker in car	O
		LOA MO locking of automatic car doors, mechanical lock	B
		LOC E,O Locking of car calls	O
		LOL E,O Locking of landing calls	O
		FRE Fast recall	O

B – Built-in
O – Option

Remark: Contact our KONE sales person for details.

Visual options

Cost-effective design

With a selection of design components and materials to choose from, the KONE E MiniSpace offers a cost-effective way to create a visually appealing elevator experience for the tenants in your building.

Ceilings



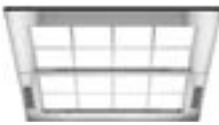
LF10
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st
PP10 White painted RAL9010



LF11
Lighting: LED spot
Finishing: ST43 Silver brushed st st
PP10 White painted RAL9010



LF12
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st



CL70
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st



CL88
Lighting: LED spot
Finishing: ST43 Silver brushed st st



CL91
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st
PP10 White painted RAL9010



CL103
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st
PP10 White painted RAL9010



KONE E MiniSpace

Ceiling: LF10
Wall material: PP10 White painted RAL9010
Handrail: HR11
Flooring: PVC D-21 Copper Beige

Note:

Mirror is available in partial height/ mid-width size, on C-wall only. Mirror can only be selected together with a handrail.

Signalization

Car operating panel (COP)



KDS 50 Full height

Handicap car operating panel



Landing call station (LCI)



KDS 50 Simplex

KDS 50 Duplex

Handrails



HR11
Round stainless steel



HR13R
Flat stainless steel



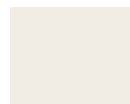
HR31
Round aluminium tube with black plastic end caps

Car wall and door materials

Painted steel



PP1
Dolphin Gray



PP10
Pure White



PP18
Linen Brown



PP20
Wool Gray

Stainless steel



ST43 Silver
Brushed stainless steel

Flooring

PVC



D-6
Light Brown



D-12
Dark Gray



D-20
Light Granite



D-21
Copper Beige



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 40,000 dedicated experts to serve you globally and locally.

KONE Corporation
www.kone.com

Dedicated to People Flow™



THE ELEVATOR WITH A COMPACT MACHINE ROOM

KONE E MiniSpace™