

Economical and efficient – KONE E MonoSpace®

The KONE E MonoSpace® is an economical solution for providing reliable, efficient and comfortable transport between floors in residential buildings, up to eleven floors. Part of the KONE MonoSpace family, the KONE E MonoSpace 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 MonoSpace 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 MonoSpace 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 along with the rigid car structure and its noise isolation, ensure a quiet, comfortable ride with smooth acceleration and deceleration.

Easy installation and maintenance

The KONE E MonoSpace has highly efficient scaffoldless installation methods that result in considerable cost savings for our customers and minimize disruptions to other construction work. 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).

KONE E MonoSpace® planning data

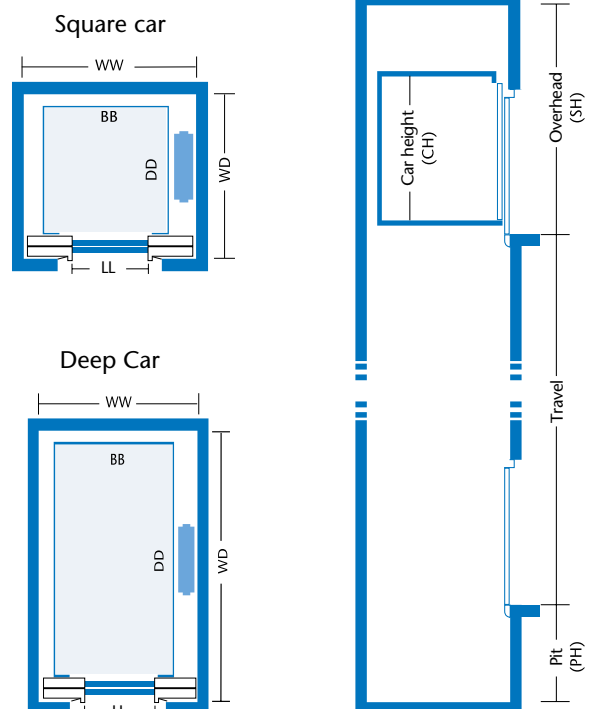
KONE E MonoSpace basic dimensions									
Persons/ rated load (kg)	Car size BBxDD (mm)	Door type	Car type	LL (mm)	LR (mm)	NOM		MAX	
						WW (mm)	WD (mm)	WW (mm)	WD (mm)
8/630	1100 x 1400	CO	SEC	800	1000	1800	1700	1950	2330
8/630	1100 x 1400	CO	SEC	900	1100	2000	1730	2170	2350
8/630	1100 x 1400	SO	SEC	800	1000	1690	1780	2030	2420
8/630	1100 x 1400	SO	SEC	900	1100	1690	1780	2030	2420
10/800	1350 x 1400	CO	SEC	800	1000	1900	1800	2220	2330
10/800	1350 x 1400	SO	SEC	800	1000	1910	1890	2280	2420
10/800	1350 x 1400	SO	SEC	900	1100	1910	1890	2280	2420
10/800	1100 x 1650	CO	SEC	800	1000	1800	2000	1970	2580
10/800	1100 x 1650	SO	SEC	800	1000	1660	2050	2030	2670
10/800	1100 x 1650	SO	SEC	900	1100	1660	2050	2030	2670
13/1000	1100 x 2100	CO	SEC	900	1100	2000	2400	2170	3030
13/1000	1100 x 2100	SO	SEC	900	1100	1650	2480	2020	3120
13/1000	1400 x 1600	CO	SEC	900	1100	2000	1950	2270	2520
13/1000	1400 x 1600	SO	SEC	900	1100	1950	2030	2320	2620
13/1000	1600 x 1400	CO	SEC	900	1100	2150	1850	2470	2370
13/1000	1600 x 1400	SO	SEC	900	1100	2150	1930	2520	2420

Overhead and pit dimensions					
Speed (m/s)	Car height, CH (mm)	Minimum headroom height, SH ¹⁾ (mm)	Maximum headroom height, SH (mm)	Minimum pit height, PH (mm)	Maximum pit height, PH (mm)
1.0	2200 – 2400	CH + 1380	5000	1150	1650
1.6	2200 – 2400	CH + 1570	5000	1300	2500
1.75	2200 – 2400	CH + 1620	5000	1350/1360	2500

Note:

- ¹⁾ • SH in the table above, is based on 700 mm balustrade height and on 70 mm ceiling height.
- In cases where 1100 mm balustrade is used, please add 400 mm to the SH height.
- When the ceiling height exceeds 70 mm, SH value is to be added accordingly.

Speed	1.0 m/s, 1.6 m/s, 1.75 m/s
Load	630, 800, 1000 kg
Max. stops	11(1.0 m/s), 18 (1.6/1.75 m/s)
Max. travel	30 (1.0 m/s), 55 (1.6/1.75 m/s)
Car height (CH)	2200, 2300, 2400 mm



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
SGE Safety gear contact	B	EPD MCF Emergency power drive, to main floor, doors closed, full service	O
DOP Door opening prevention switch in controller	B	ABE C Alarm bell under/top of car	B
TWS C Tension weight switch of overspeed governor, car	B	ISE M Emergency intercom	B
EEC C Emergency exit contact in car	B	ISE F EAP built in for CHN	B
OSS LC Out of service switch at landing, doors closed, lights off	B	ISE N Multi-intercom system	O

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	B
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	B
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	THD L total harmonic distortion filtering for non MLB drive	O
FET S Top floor extension, separate buttons	O	EPS S Emergency power sequencer, separate	O
PAM C Parking at main floor, doors closed	B	BMV M Braking method drive (KDL16L only)	O
PAD C Parking at pre-defined floor, doors closed	O	LSC P Provision for loudspeaker in car	O
EMH T Emergency stop switch in shaft pit, two switches	O	LOA MO locking of automatic car doors, mechanical lock	B
ILA Immediate call allocation	O	LOC E,O Locking of car calls	O
EAQ Earthquake operation with seismic switch	O	LOL E,O Locking of landing calls	O
EAQ Earthquake operation without seismic switch	O	FRE Fast recall	O
FPD AO Fire protection door	O		
LSH T Low smoke installation in shaft, traveling cable	O		
WSC O water sensor contact, in pit	O		
SBM F Stand by mode	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 MonoSpace® offers a cost-effective way to create a visually appealing elevator experience for the tenants in your building.

Ceilings



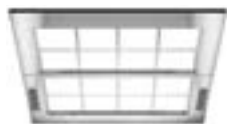
LF10
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st
PP10 White painted RAL9010



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



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

KONE E MonoSpace
Ceiling: LF12, ST43
Wall material: ST43 Silver brushed stainless steel
Handrail: HR13R
Flooring: D-6, Light Brown PVC

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



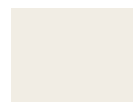
HR31
Round aluminium tube
with black plastic end caps

Car wall and door materials

Painted steel



PP1
Dolphin Gray



PP10
Pure White



PP18
Linen Brown



PP20
Wool Gray

Stainless steel



ST4/ST43
Silver brushed stainless steel

Flooring

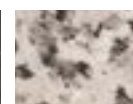
PVC



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 MACHINE-ROOM-LESS ELEVATOR

KONE E MonoSpace®