

ELEVATOR WITH A COMPACT MACHINE ROOM

KONE Z MiniSpace™

OUR RELIABLE AND STANDARDIZED ELEVATOR WITH A COMPACT MACHINE ROOM

The KONE Z MiniSpace™ is our most economical solution yet, providing reliable, efficient, and comfortable transport between floors in the affordable residential segment. As a member of the KONE MiniSpace family, the KONE Z MiniSpace elevator offers all the core innovations that have made KONE the industry leader in eco-efficient elevator solutions, at a more affordable price.



The eco-efficient KONE EcoDisc hoisting system

Standard packages at excellent prices

The KONE Z MiniSpace solution offers a limited set of options for car size, load, and design, selected to meet the most popular needs in the affordable residential segment. The KONE Z MiniSpace solution is a true KONE elevator at an affordable price, representing excellent value for money.

Eco-efficient by design

The KONE Z MiniSpace elevator comes with KONE eco-efficient technologies as standard. 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. KONE is continuously working to improve the eco-efficiency of its products and is recognized throughout the world as a leader in sustainability.

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.

Proven KONE installation and service

KONE's installation methods have been optimized to be efficient and cost-effective, and minimize disruption to other construction work. Once your elevator is installed, KONE Care™ preventive maintenance solutions help keep your equipment running smoothly around the clock. KONE has a comprehensive maintenance service supported by a global spare parts network.

Designed for safety and accessibility

Our solutions are designed to meet increasingly stringent safety regulations and all our manufacturing units are ISO 14001 certified. Our elevators also improve accessibility for everyone, and meet all industry standards and requirements, including (EN81-1:1998/GB7588).

KONE Z MINISPACE™

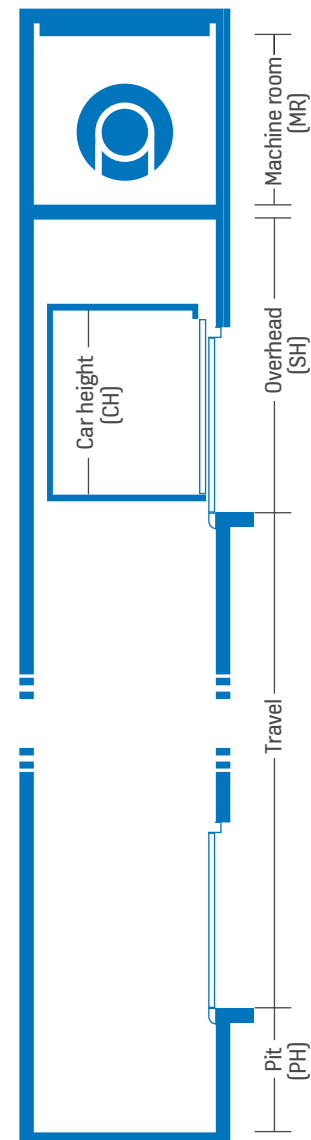
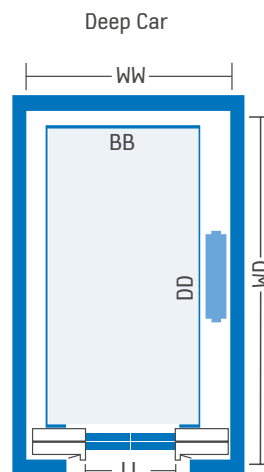
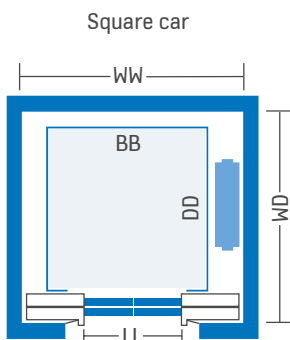
PLANNING DATA

KONE Z MINISPACE PLANNING DATA									
Persons/rated load (kg)	Speed (m/s)	Travel (m)	Car size (mm)	Door type	Car type	LL (mm)	LR (mm)	WW x WD (mm)	
								Nom	Max
10/800	≤ 2.5	All TL	1350 x 1400	CO	SEC	800	1000	1905 x 1900	2295 x 2470
13/1000	≤ 2.5	All TL	1600 x 1400	CO	SEC	900	1100	2155 x 1890	2545 x 2470
	≤ 2.5	All TL	1400 x 1600	CO	SEC	900	1100	1955 x 2000	2345 x 2670
	≤ 2.5	All TL	1500 x 1600	CO	SEC	900	1100	2055 x 2000	2445 x 2670
	≤ 2.5	All TL	1300 x 1800	CO	SEC	900	1100	1950 x 2120	2200 x 2790
	≤ 2.5	All TL	1100 x 2100	CO	SEC	900	1100	1950 x 2420	2200 x 3090

For more detail please refer to technical documentation

Speed	1.0 m/s, 1.6 m/s, 1.75 m/s, 2.0 m/s, 2.5 m/s
Load	800, 1000 kg
Max. stops	18 (1.0 m/s), 30 (1.6 m/s), 33 (1.75 m/s), 38 (2.0/2.5 m/s)
Max. travel	55 (1.0 m/s), 85 (1.6 m/s), 95 (1.75 m/s), 110 (2.0 m/s), 120 (2.5 m/s)
Car height [CH]	2200, 2300, 2400 mm

Speed (m/s)	Overhead height SH (mm)	Pit height PH (mm)
1.00	CH + 1340	1330
1.60	CH + 1500	1475
1.75	CH + 1550	1510
2.00	CH + 1650	1580
2.50	CH + 1950	1945



FEATURES

BUILT-IN

MOP T	Motor protection, thermistors with automatic reset	LCD	Landing calls disconnect
PDD N	Phase failure detection	FET S	Top floor extension, separate buttons
RDF RC	Recall drive	PAM C	Parking at main floor, doors closed
DTS	Drive time supervision	LPS VN	Lift position synchronizing
CDL O	Car door limit switches, separate open limit	CEL S	Car emergency lighting, separate light
EMR	Emergency stop switch on car roof	EBS S	Emergency battery supply with supervision
EMH O	Emergency stop switch in well, one switch	ABE C	Alarm bell under/top of car
SGE	Safety gear contact	ISE M	Emergency intercom
OSG CM	Car overspeed governor in machine room	ISE F	Five-way intercom system
DOP	Door opening prevention switch in controller	DOB OI	Door open button, normally open contact
TWS C	Tension weight switch of overspeed governor, car	DCB I	Door close button
EEC C	Emergency exit contact in car	SRC RNC	Safety ray in car, reopen
OSS LC	Out of service switch at landing, doors closed, lights off	BOF	Buttons to operate car doors for service purposes
LCL	Landing call registered light	ACL C	Accurate re-leveling, automatic, closed doors
CCL	Car call registered light	SPB BP	Stuck button supervision, both calls, no service
OLF C	Overload function, constant light	CCB	Car calls backwards
DIA C	Direction arrows in car	CCM A	Car calls from machine room, all
CPI PS	Car position indicator in controller, seven segment	CDC	Car door contact
DZI N	Door zone indication, no buzzer	SED WSR	Service drive, without limitations, car roof buttons with extra run button
SCN N	Start counter, number of starts, not losing data in power failure	ACL B	Accurate releveling, automatic, both open and closed doors
ACL B	Accurate releveling, automatic both open and closed doors	LOA MO	Locking of automatic car doors, mechanical lock

OPTION

EEC S	Emergency exit contact in shaft	EBD A	Emergency battery drive, automatic
EMH T	Emergency stop switch in shaft pit, two switches	EPD MCF	Emergency power drive, to main floor, doors closed, full service
ABE M	Alarm at main floor	ISE N	Multi-intercom system
QCC	Quick close from new car call	NUD L	Nudging service, by measuring load
DAL GP	Disturbance alarm, general, potential free	FCC C	False car call cancel, by counting stops
LIL AM	Lift link, alarm, mode signals	LCC	Landing call cross coupling, time dependent
LIL AMB	Lift link, alarm, position binary	OCL AF	Operation of car light, automatic
TSD ES	Traffic supervision display, with LEDs, in supervision room	OCV AF	Operation of car ventilation, automatic
CTV I	Camera in the car, interface only	CLS O	Car light supervision, parking doors open
FCC R	Two touch car call cancel	ATS C	Attendant service, using car call buttons as indicators
DIT LNP	LAN Cable inside travelling cable	OSS COI	Out of service switch in car, doors open, light on, indication
DIT OFS	Optical fiber inside travelling cable	ACU F	Lift announcer
DIT LNS	Twisted-pair cores of wires inside travelling cable	THD L	Total harmonic distortion filtering for non MLB drive
FEB S	Basement floor extension, separate buttons	EPS S	Emergency power sequencer, separate
PAD C	Parking at pre-defined floor, doors closed	BMV MU	Braking method, modulated line braking, resistor braking under special use
FID BO	Fire detection, whole building, doors open	LSC P	Provision for loudspeaker in car
FID SO	Fire detection, manual switch, doors open	LOC E,O	Locking of car calls
FRD	Fireman's drive	LOL E,O	Locking of landing calls
FID AO	Fire detection, whole building, alternative return floor, doors open	FRE	Fast recall

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 Z MiniSpace™ offers a cost-effective way to create a visually appealing elevator experience for the tenants in your building.

CEILING



LF10
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st
PP10 White painted RAL 9010



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



CL91
Lighting: T5 fluorescent tubes
Finishing: ST43 Silver brushed st st

KONE Z MiniSpace

Ceiling: CL91
Wall material: ST4/ST43 Silver brushed st st
Handrail: HR11
Flooring: D-6 Light Brown



SIGNALIZATION

Car operating panel (COP)



KDS 50
Full height

Landing call station (LCI)



KDS 50
Simplex
KDS 50
Duplex

HANDRAILS



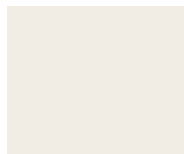
HR11
Round stainless steel



HR31
Round aluminium tube
with black plastic end caps

CAR WALL AND DOOR MATERIALS

Painted steel



PP10
Pure White



PP18
Linen Brown



PP20
Wool Gray

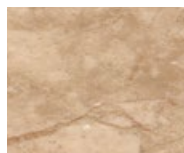
Stainless steel



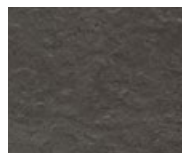
ST4/ST43
Silver brushed stainless steel

FLOORING

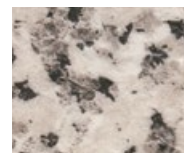
PVC



D-6
Light Brown



D-12
Dark Gray



D-20
Light Granite

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 50,000 dedicated experts to serve you globally and locally.

KONE Corporation
www.kone.com