KONE

THE ELEVATOR WITH A COMPACT MACHINE ROOM

KONE E MiniSpace™

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										
Persons / load kg	Speed m/s	Travel m	Car size mm	Door type	Car type	LL mm	LR mm	Shaft size WW x WD (mm)		
								NOM	MAX	
8/630	≤ 2.5	All TL	1100 x 1400	CO	SEC	800	1000	1750 × 1900	2045 × 2400	
	≤ 2.5	All TL	1100 x 1400	CO	SEC	900	1100	1950 × 1900	2045 × 2400	
	≤ 2.5	All TL	1100 x 1400	SO	SEC	800	1000	1655 × 2000	2045 × 2400	
	≤ 2.5	All TL	1100 x 1400	SO	SEC	900	1100	1670 × 2000	2045 × 2500	
	≤ 2.5	All TL	1100 x 1400	CO	TTC	800	1000	1750 × 1890	2045 × 1890	
10/800	≤ 2.5	All TL	1350 x 1400	CO	SEC	800	1000	1905 × 1900	2295 x 2470	
	≤ 2.5	All TL	1350 x 1400	CO	SEC	900	1100	1950 × 1900	2295 x 2470	
	≤ 2.5	All TL	1350 x 1400	SO	SEC	800	1000	1905 × 2000	2295 x 2500	
	≤ 2.5	All TL	1350 x 1400	SO	SEC	900	1100	1920 × 2000	2295 x 2500	
	≤ 2.5	All TL	1350 x 1400	CO	TTC	800	1000	1905 × 1890	2295 x 1890	
	≤ 2.5	All TL	1250 x 1500	CO	SEC	800	1000	1805 × 1950	2195 x 2500	
	≤ 2.5	All TL	1250 x 1500	CO	SEC	900	1100	1950 × 1950	2195 x 2500	
	≤ 2.5	All TL	1250 x 1500	SO	SEC	800	1000	1805 × 2050	2195 x 2600	
	≤ 2.5	All TL	1250 x 1500	SO	SEC	900	1100	1820 × 2050	2195 x 2600	
	≤ 2.5	All TL	1100 x 1650	CO	SEC	800	1000	1750 × 2040	2045 x 2640	
	≤ 2.5	All TL	1100 x 1650	CO	SEC	900	1100	1950 × 2020	2045 x 2640	
	≤ 2.5	All TL	1100 x 1650	SO	SEC	800	1000	1655 × 2130	2545 x 2650	
	≤ 2.5	All TL	1100 x 1650	SO	SEC	900	1100	1670 × 2120	2545 x 2650	
13/1000	≤ 2.5	All TL	1600 x 1400	CO	SEC	900	1100	2155 × 1900	2545 x 2470	
	≤ 2.5	All TL	1600 x 1400	CO	SEC	1000	1200	2240 × 1900	2545 x 2470	
	≤ 2.5	All TL	1600 x 1400	SO	SEC	900	1100	2155 × 2000	2545 x 2500	
	≤ 2.5	All TL	1600 x 1400	SO	SEC	1000	1200	2170 × 2000	2545 x 2500	
	≤ 2.5	All TL	1400 x 1600	CO	SEC	900	1100	1955 × 2000	2345 x 2670	
	≤ 2.5	All TL	1400 x 1600	CO	SEC	1000	1200	2150 × 2000	2345 x 2670	
	≤ 2.5	All TL	1400 x 1600	SO	SEC	900	1100	1955 × 2100	2345 x 2700	
	≤ 2.5	All TL	1400 x 1600	SO	SEC	1000	1200	1970 × 2100	2345 x 2700	
	≤ 2.5	All TL	1400 x 1600	CO	TTC	900	1100	1955 × 2090	2345 x 2090	
	≤ 2.5	All TL	1100 x 2100	CO	SEC	900	1100	1950 × 2420	2200 x 3090	
	≤ 2.5	All TL	1100 x 2100	CO	SEC	1000	1200	2150 × 2420	2200 x 3090	
	≤ 2.5	All TL	1100 x 2100	SO	SEC	900	1100	1705 × 2520	2200 x 3190	
	≤ 2.5	All TL	1100 x 2100	SO	SEC	1000	1200	1805 × 2520	2200 x 3190	

For more detail please refer to technical documentation

|	
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 m/s), 33 (1.75m/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, 2500, 2600 mm*

Note:
* For CH2200 integrated ceiling LF10 is not available.

Speed (m/s)	Overhead height SH (mm)	Pit height PH (mm)
1.0	3740	1330
1.6	3900	1475
1.75	3950	1510
2.0	4050	1580
2.5	4350	1945

Square car

Deep Car

2
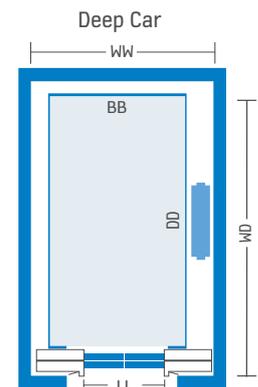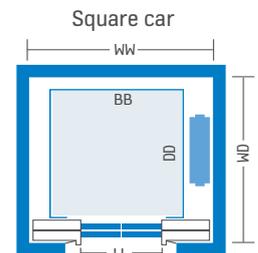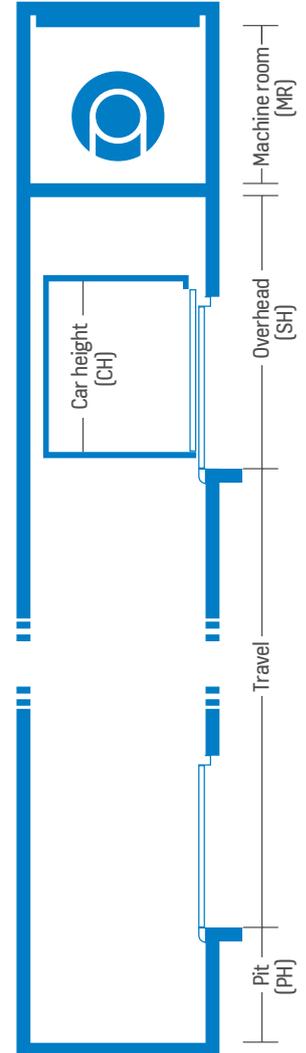
FEATURES

BUILT-IN	

MOP T	Motor protection, thermistors with automatic reset	OCV A	Operation of car ventilation, automatic
PDD N	Phase failure detection	STM C	Stopping of the machine, two contacts
RDF RC	Recall drive	STP C	Starting torque preset, LWD
DTS	Drive time supervision	TFC T	Tacho fault counter, three times
CDL O	Car door limit switches, separate open limit	CPI CO	Car position indicator in car, dot matrix
EMR	Emergency stop switch on car roof	BLF	Bypass load function
EMH O	Emergency stop switch in well, one switch	IDP	Intensive down peak
SGE	Safety gear contact	ITP	Intensive two-way peak
OSG CM	Car overspeed governor in machine room	IUP	Intensive up peak
DOP	Door opening prevention switch in controller	ACL B	Accurate releveling, automatic both open and closed doors
TWS C	Tension weight switch of overspeed governor, car	LCD	Landing calls disconnect
EEC C	Emergency exit contact in car	PAM C	Parking at main floor, doors clos
OSS LC	Out of service switch at landing, doors closed, lights off	LPS VN	Lift position synchronizing
LCL	Landing call registered light	CEL S	Car emergency lighting, separate light
CCL	Car call registered light	EBS S	Emergency battery supply with supervision
OLF C	Overload function, constant light	ABE C	Alarm bell under/top of car
DIA C	Direction arrows in car	ISE M	Emergency intercom
CPI PS	Car position indicator in controller, seven segment	ISE F	Five-way intercom system
DZI N	Door zone indication, no buzzer	DOB OI	Door open button, normally open contact
SCN N	Start counter, number of starts,not loosing data in power failure	DCB I	Door close button
ASC T	Ascending car overspeed protection	SRC RNC	Safety ray in car, reopen
BFS	Buffer switch	BOF	Buttons to operate car doors for service purposes
BMV R	Braking method, resistor braking	ACL C	Accurate re-leveling, automatic, closed doors
COD	Correction drive feature	SPB BP	Stuck button supervision, both calls, no service
UCM T	Uncontrolled car movement	CCB	Car calls backwards
EMP	Emergency stop switch in control panel	CCM A	Car calls from machine room, all
ADO	Advance door opening	CDC	Car door contact
REO	Reopen by landing call in elevator group, one time	SED WSR	Service drive, without limitations,car roof buttons with extra run button
LWD E	Load weighing device, electronic detector	LOA MO	Locking of automatic car doors, mechanical lock
OCL A	Operation of car light, automatic		

OPTION	

EEC S	Emergency exit contact in shaft	EPD MCF	Emergency power drive, to main floor, doors closed, full service
EMH T	Emergency stop switch in shaft pit, two switches	OCV AF	Operation of car ventilation, automatic
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	CLS O	Car light supervision, parking doors open
CTV I	Camera in the car, interface only	ATS C	Attendant service, using car call buttons as indicators
FCC R	Two touch car call cancel	OSS COI	Out of service switch in car, doors open, lights on, indication car roof buttons with extra run button
KONE E-LINK™	Elevator monitoring and command system	ACU F	Lift announcer
DIT LNP	LAN cable inside travelling cable	THD L	Total harmonic distortion filtering for non MLB drive
DIT OFS	Optical fiber inside travelling cable	EPS S	Emergency power sequencer, separate
FEB S	Basement floor extension, separate buttons	BMV MU	Braking method, modulated line braking, resistor braking under special use
FET S	Top floor extension, separate buttons	ACL B	Accurate releveling, automatic, both open and closed doors
PAD C	Parking at pre-defined floor, doors closed	LSC P	Provision for loudspeaker in car
FID SO	Fire detection, manual switch, doors open	LOC E	Locking of car calls
FRD	Fireman's drive	LOL E	Locking of landing calls
FID AO	Fire detection, whole building, alternative return floor, doors open	FRE	Fast recall
EBD A	Emergency battery drive, automatic	FPO A	Full collective pee off, automatic

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.

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

CEILINGS

LF10
Lighting: **T5** fluorescent tubes
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

CL71
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
 ST43 Silver brushed st st

CL88
Lighting: **LED** spot
Finishing: **ST43** Silver brushed st st
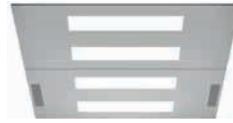
CL91
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
 ST43 Silver brushed st st

CL94
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
 ST43 Silver brushed st st

CL95
Lighting: **T5** fluorescent tubes
Finishing: **PP10** White painted RAL9010
 ST43 Silver brushed st st

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

KONE E MiniSpace
Ceiling: CL 103
Wall: Fresh Green (PP22) painted steel
Floor: Rocky Gray (D25) PVC
Handrail: HR31

SIGNALIZATION

Car operating panel (COP)

Handicap car operating panel

Keypad handicap car operating panel

Landing call station (LCI)

KSC 296 Full height

KDS 50 Simplex

KDS 50 Duplex

KDS 50 Full height

KSL 281 Simplex

KSL 281 Duplex

HANDRAILS

HR31
Round aluminium tube with black plastic end caps

HR34
Round curved aluminium tube with black plastic end caps

HR61
Round silver brushed

HR24R
Curved ends silver brushed

CAR WALL AND DOOR MATERIALS

Painted steel				Metallic panted steel		Stainless steel
PP10 Pure White	**PP18** Linen Brown	**PP20** Wool Gray	**PP22** Fresh Green	**METP1** Champagne	**METP2** Cosmo Red	**ST4/ST43** Silver brushed

FLOORING
PVC

D-6 Light Brown	**D24** Moon White	**D25** Rocky Gray	**D26** Lava Stone	**D27** Saturn Brown	**D29** Mars Red	**D30** Galaxy
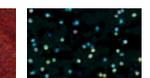
D31 Bamboo

Patterned PVC

DG01 Browny	**DG02** Chessboard	**DG03** Puzzle Soft	**DG04** Puzzle Bright	**DG05** Legno	**DG06** Blusher

![KONE]

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

KONE OFFICES IN SOUTH EAST ASIA

Indonesia - PT. KONE Indo Elevator

Jakarta (main office)	+61 21 6570 3990
Bali	+62 361 895 7806
Bandung	+62 22 8606 0804
Makassar	+62 411 466 2780
Surabaya	+62 31 855 6383
Yogyakarta	+62 274 284 0089

www.kone.co.id

Malaysia - KONE Elevator (M) Sdn Bhd

Kuala Lumpur (main office)	+603 7494 7500
Johor Bahru	+607 559 0885
Penang	+604 656 3222
Sabah	+6015 4818 9128

www.kone.my

Philippines - KPI Elevators, Inc.

Makati City (main office)	+632 811 2929
Cebu	+63 32 233 5790

www.kone.ph

Singapore - KONE Pte Ltd

Singapore	+65 6424 6246

www.kone.sg

Thailand - KONE Public Company Limited

Bangkok	+66 2784 6500

www.kone.co.th

Vietnam - KONE Vietnam LLC

Ho Chi Minh (main office)	+84 8 3997 5373
Hanoi	+84 4 3974 9445

www.kone.vn

DISTRIBUTORS IN SOUTH EAST ASIA

Brunei

Yusoki Sdn Bhd	+673 2790037

Cambodia

Comin Khmere	+855 23 885 640

Laos

Comin Asia	+856 30 777 4777

Myanmar

Octagon Automobile & Machinery Services Co., Ltd	+95 9 8631438

Sarawak(Malaysia)

Elebest Engineering Sdn Bhd	+60 82 365836