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 predesigned 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).

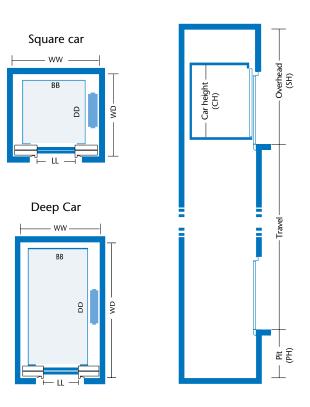
KONE E MonoSpace® planning data

KONE E MonoSpace basic dimensions									
Persons/	Car size	Door	Car	LL	LR	NOM		MAX	
rated load (kg)	BBxDD (mm)	type	type	(mm)	(mm)	WW (mm)	WD (mm)	WW (mm)	WD (mm)
8/630	1100 x 1400	СО	SEC	800	1000	1800	1700	1950	2330
8/630	1100 x 1400	СО	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: \updots 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

DTS Drive time supervision CDL O Car door limit switches, separate open limit EMR Emergency stop switch on car roof EMH O Emergency stop switch on car roof EMH O Emergency stop switch in well, one switch SGE Safety gear contact DOP Door opening prevention switch in controller BES 5 Emergency battery supply with supervision EBC 6 Earlety gear contact DOP Door opening prevention switch in controller BES 6 Emergency battery supply with supervision EBC 8 Emergency battery supply with supervision EBC 8 Emergency battery supply with supervision EBC 8 Emergency battery supply with supervision EBC 9 Emergency battery supply with supervision EBC 8 Emcreamency supply with supply supply supply supply supply supply supply	MOP T Motor protection, thermistors with automatic reset PDD N Phase failure detection RDF RC Recall drive	B B	FID BO Fire detection, whole building, doors open FID SO Fire detection, manual switch, doors open FRD Fireman's drive			
CDL O Car door limit switches, separate open limit EMR Emergency stop switch on car roof EMH O Emergency stop switch on car roof EMH O Emergency stop switch in well, one switch BED SE faregrency battery supply with supervision EBD SE faregrency battery supply with supervision EBD A Emergency battery day and supply sup		B B B B	FID AO Fire detection, whole building,			
EMR Emergency stop switch on car roof BMH O Emergency stop switch on car roof SGE Safety gear contact BCS Safety gear contact BCDP Door opening prevention switch in controller BCS Easily gear contact BCDP Door opening prevention switch in controller BCS Safety gear contact BCC Emergency exit contact in car BCS C Emergency by Emergency intercom BCS C Emergency intercom BCS Ex Emergency by Emergency battery supply with supervision of a BCS Ex Extending a transmission of a BCS Ex Extending a transmission of a BCS Ex Extending a transmission of a BCS Extending a transmi						
EMH O Emergency stop switch in well, one switch SCE Safety gear contact DOP Door opening prevention switch in controller TWS C Tension weight switch of overspeed governor, car EEC C Emergency exit contact in car OSS LC Out of service switch at landing, doors closed, lights off BEB A Emergency power drive, automatic C EPD MCF Emergency power drive, to main floor, doors closed, full service ABE C Alarm bell under/top of car BEB M Alarm at main floor ODB OI Door open button, normally open contact EVEN Multi-intercom system ODB OI Door open button, normally open contact EVEN Multi-intercom system ODB OI Door open button, normally open contact EVEN BEB M Alarm at main floor ODB OI Door open button, normally open contact EVEN BEB M Alarm at main floor ODB OI Door open button, normally open contact EVEN BEB M Alarm at main floor ODB OI Door open button, normally open contact EVEN BEB M Stemergency battery gover drive, automatic ODC BI Door close button NUD L Nudging service, by measuring load EVEN C Safety ray in car, reopen BOF Buttons to operate car doors for service purposes BOF Buttons to operate car doors for service purposes EVEN DOOR JOSE ALOR SAFETY AND SAFETY ALOR SAFETY AND SAFETY AN			CEL S Car emergency lighting, separate light			
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DOP Door opening prevention switch in controller TWS C Tension weight switch of overspeed governor, car EEC C Emergency exit contact in car OSS LC Out of service switch at landing, doors closed, lights off B ABE C Alam bell under/top of car ISE M Emergency intercom ISE F EAP built in for CHN ISE N Multi-intercom system OCC Quick close from new car call CCL Landing call registered light B NUD L Nudging service, by measuring load ISE C RNC Safety ray in car, reopen B OF Buttons to operate car doors for service purposes B ACL C Accurate re-leveling, automatic, closed doors CCB C ar calls in power failure B CCL Car calls backwards C CCB Car calls from machine room, all C CCB Car calls from machine room, all C CCC Car calls from machine room			EBD A Emergency battery drive, automatic			
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OSS LC Out of service switch at landing, doors closed, lights off ISE M Emergency intercom ISE F EAP built in for CHN ISE N Multi-intercom system ODE ODB OI Door open button, normally open contact EQC Quick close from new car call ODE I Door close button ELC Landing call registered light BND L Nudging service, by measuring load ECC Car call registered light BND L Nudging service, by measuring load ECC Car call registered light BND Entrois on operate car doors for service purposes EQF PS Car position indicator in controller, seven segment BAC C Accurate re-leveling, automatic, closed doors ECC P IS Car position indicator in controller, seven segment BCZ N Door zone indication, no buzzer BZI N Start counter, number of starts, not loosing data in power failure BLI LAM Lift link, alarm, mode signals CCC BC ar calls backwards BLI LAM Lift link, alarm, mode signals CCL A Car Calls backwards CCC CA Car Calls to a car light, automatic CLL AMB Lift link, alarm, postition binary CCL A Operation of car light, automatic CCM A Car calls from machine room, all ELC CAC A Car call start service, using car call buttons as indicators CCM A Car calls from machine room, all ECC A Car door contact CCM A Car calls from machine room, all ECC A Car door contact CCM A Car calls from washine room, all ECC A Car door contact CCM A Car call from washine room, all ECC A Car door contact CCM A Car call from washine room, all ECC A Car door contact CCM A Car call from washine room, all ECC A Car door contact CCM A Car call from washine room, all ECC A Car door contact CCM A Car call from machine room, all ECC A Car door contact CCM A Car call from machine room, all ECC A Car door contact CCM A Car call from machine room, all ECC A Car door contact CCM A Car call from machine room, all ECC A Car door contact CCM A Car call from machine room, all ECC A Car door contact CCM A Car call from machine room, all ECC A Car door contact				В		
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WSC O water sensor contact, in pit	FPD AO Fire protection door	0				
	LSH T Low smoke installation in shaft, traveling cable	0				
SBM F Stand by mode	WSC O water sensor contact, in pit	0				
	SBM F Stand by mode	0				

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



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



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



Lighting: LED spot Finishing: **\$T43** Silver brushed st st



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



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



Ceiling: LF12, ST43

Wall material: ST43 Silver brushed stainless steel

Handrail: HR13R

Flooring: D-6, Light Brown PVC

CI 103

Lighting: T5 fluorescent tubes PP10 White painted RAL9010

Signalization

Car operating panel (COP)



Handicap car operating panel



Landing call station (LCI)



KDS 50

KDS 50 Simplex Duplex

Handrails



HR11 Round stainless steel



HR13R Flat stainless steel



Round aluminium tube with black plastic end caps

Car wall and door materials

Painted steel



PP10 Pure White Dolphin Gray





PP18 Linen Brown



Wool Gray



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 $^{\text{TM}}$ and KONE UltraRope $^{\text{TM}}$.

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®