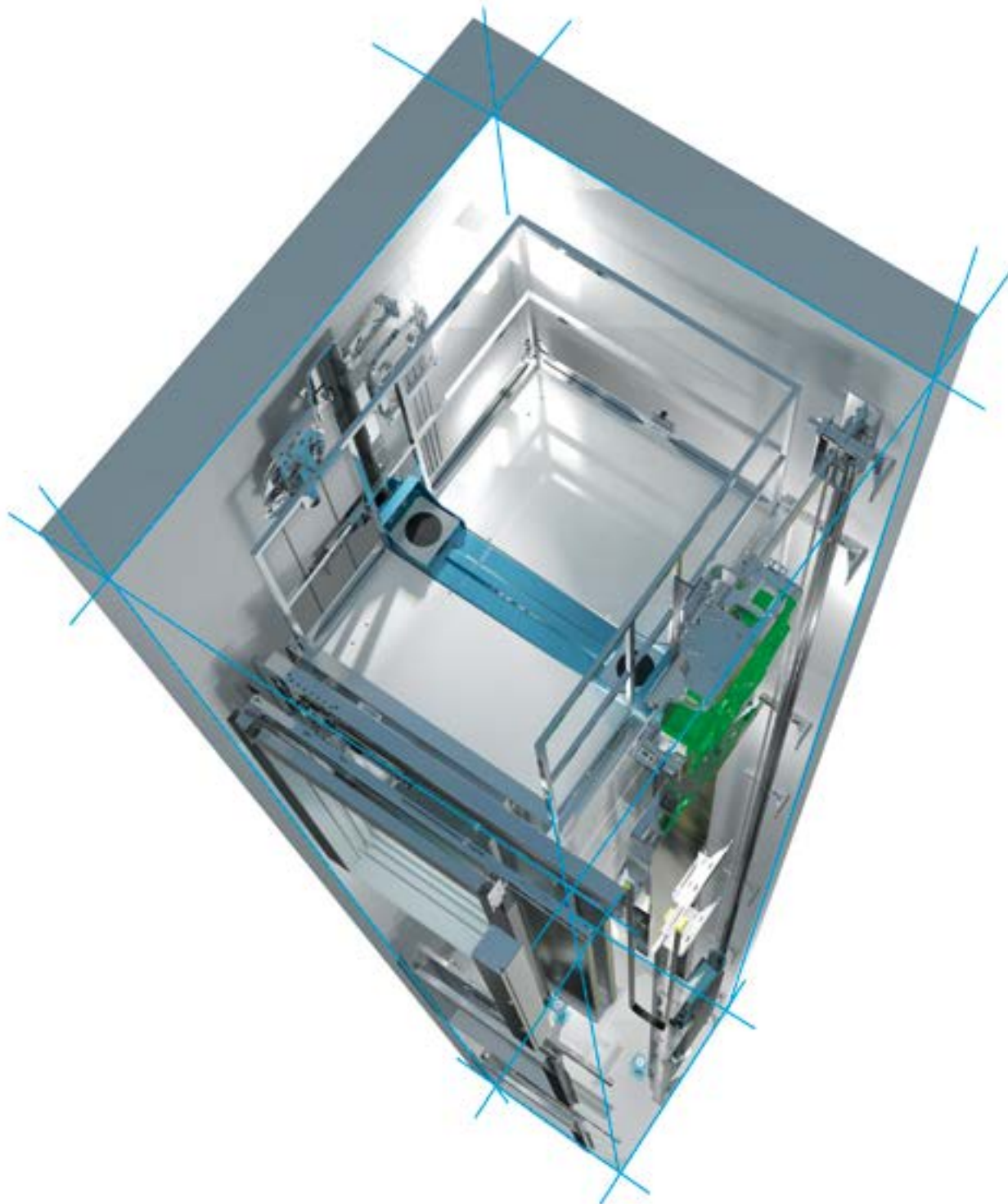


Dedicated to People Flow™



SHAFT DIMENSIONS AND OPTIONS 1.0-3.0 m/s; 320-2500 kg

# KONE MonoSpace® 700

# KONE MonoSpace® 700

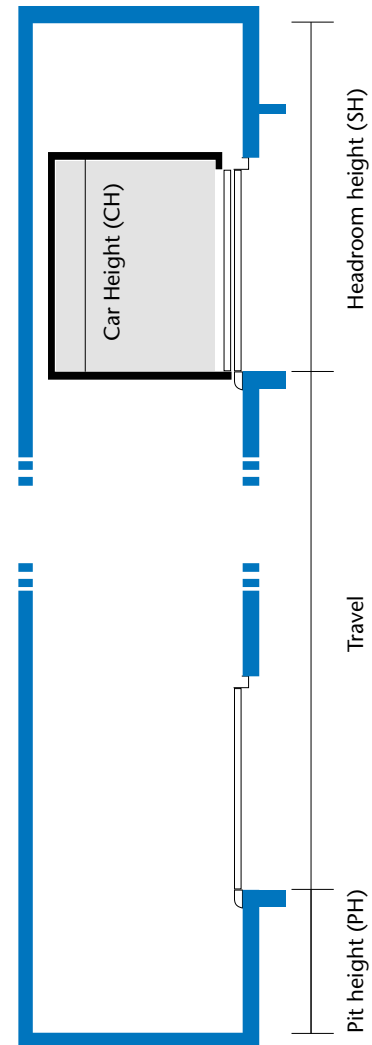
Compliant with EN81-1 code

KONE MonoSpace 700 duty range		
Speed (m/s)	Load (kg)	Travel (m)
1.0	$Q \leq 1200$	60
1.0	$Q = 1275$	40
1.0	$1350 \leq Q \leq 2500$	60
1.6	$Q \leq 1200$	70
1.6	$1275 \leq Q \leq 2000$	90
1.6	$2275 \leq Q \leq 2500$	60
2.0	$Q \leq 1150$	70
2.0	$Q > 1150$	90
2.5	$630 \leq Q \leq 2000$	90
3.0	$1000 \leq Q \leq 1600$	120

KONE MonoSpace 700 headroom height (SH)		
Speed (m/s)	Load (kg)	Headroom height SH (mm)
1.0	630 - 1275	CH + 1400
1.0	630 - 1275	CH + 1450 if ceiling type: CL162, CL88L, CL94L
1.0	1350 - 2500	CH + 1450
1.6	630 - 2500	CH + 1600
2.0	630 - 1150	CH + 1800
2.0	1275 - 2000	CH + 2000
2.5	630 - 1000	CH + 2100
2.5	1150 - 1600	CH + 2300
2.5	1800 - 2000	CH + 2200
3.0	1000 - 1600	5000

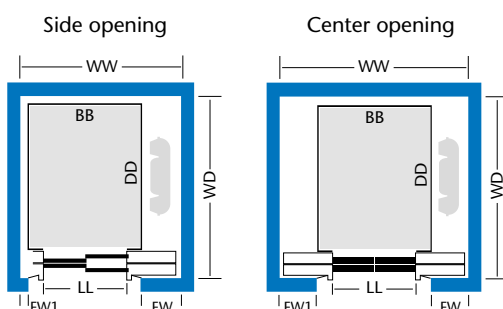
KONE MonoSpace 700 pit height (PH)		
Speed (m/s)	Q (kg)	Pit height PH (mm)
1.0	630 - 1150 (DD ≤ 2100)	1200 - 1750
1.0	1150 (DD > 2100) - 1275	1250 - 1750
1.0	1350 - 1600	1300 - 2000
1.0	1800 - 2000	1400 - 2000
1.0	2275	1400 - 2000
1.0	2500	1425 - 2000
1.6	630 - 1200	1350 - 2000
1.6	1275 - 1600	1400 - 2000
1.6	1800	1500 - 2200
1.6	2000 - 2500	1500 - 2200
2.0	630 - 1150	1550 - 2500
2.0	1275 - 1600	1700 - 2500
2.0	1800 - 2000	1850 - 2500
2.5	630 - 1000	1950 - 2500
2.5	1150 - 2000	2250 - 2500
3.0	1000 - 1600	3100

- Q = Rated load of elevator
- BB = Car width
- DD = Car depth
- CH = Car clear height
- FW = Front wall width
- FW1 = Side wall left - frame door application only
- FW2 = Side wall right - frame door application only
- HH = Door clear opening height. Max. HH = CH.
- HR = Door raw opening height.
- LL = Door clear opening width
- LR = Door raw opening width
- LW = Right front door cover (including 30 mm tolerance)
- LW1 = Left front door cover (including 30 mm tolerance)
- WW = Shaft width
- WD = Shaft dept

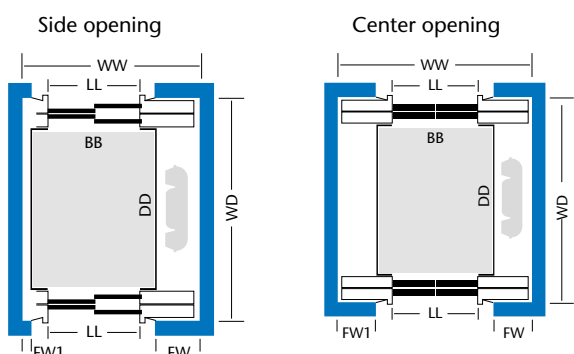


## Frame and narrow frame door types

### Single entrance car (SEC)



### Through type car (TTC)



### Frame widths:

Frame door:  $(WW - LL - FW1 - FW) / 2 = 120 \text{ mm}$

Narrow frame:  $(WW - LL - FW1 - FW) / 2 = 50 \text{ mm}$

## Two-panel center opening single entrance (SEC)

Rated speed (m/s)	Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame					Frame		
						LR (mm)	FW 1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
1.0 - 1.6	8	630	1100	1400	800	950	400	400	1750	1760	1100	325	325
1.0 - 1.6	8	630	1100	1400	900	1050	450	450	1950	1760	1200	375	375
2.0	8	630	1100	1400	800	950	400	400	1750	1820	1100	325	325
2.0	8	630	1100	1400	900	1050	450	450	1950	1820	1200	375	375
1.0 - 1.6	10	800	1350	1400	800	950	400	545	1895	1760	1100	325	470
1.0 - 1.6	10	800	1350	1400	900	1050	450	545	1950	1760	1200	375	375
2.0	10	800	1350	1400	800	950	400	545	1895	1820	1100	325	470
2.0	10	800	1350	1400	900	1050	450	545	1950	1820	1200	375	375
1.0 - 1.6	12	900	1400	1500	800	950	420	575	1945	1810	1100	345	500
1.0 - 1.6	12	900	1400	1500	900	1050	450	575	1950	1810	1200	375	375
2.0	12	900	1400	1500	800	950	420	575	1945	1820	1100	345	500
2.0	12	900	1400	1500	900	1050	450	575	1950	1820	1200	375	375
1.0-2.0	13	1000	1100	2100	800	950	400	400	1750	2385	1100	325	325
1.0-2.0	13	1000	1100	2100	900	1050	450	450	1950	2385	1200	375	375
1.0-2.0	13	1000	1100	2100	1000	1150	500	500	2150	2385	1300	425	425
1.0-1.6	13	1000	1600	1400	900	1050	470	625	2145	1760	1200	395	550
1.0-1.6	13	1000	1600	1400	1000	1150	500	500	2150	1760	1300	425	425
1.0-1.6	13	1000	1600	1400	1100	1250	550	550	2350	1760	1400	475	475
2.0 - 2.5	13	1000	1600	1400	900	1050	470	625	2145	1820	1200	395	550
2.0 - 2.5	13	1000	1600	1400	1000	1150	500	500	2150	1820	1300	425	425
2.0 - 2.5	13	1000	1600	1400	1100	1250	550	550	2350	1820	1400	475	475
1.0 - 2.0	15	1150	1200	2100	800	950	400	400	1750	2385	1100	325	325
1.0 - 2.0	15	1150	1200	2100	900	1050	450	450	1950	2385	1200	375	375
1.0 - 2.0	15	1150	1200	2100	1000	1150	500	500	2150	2385	1300	425	425
1.0 - 2.0	15	1150	1600	1550	900	1050	470	625	2145	1835	1200	395	550
1.0 - 2.0	15	1150	1600	1550	1000	1150	500	500	2150	1835	1300	425	425
1.0 - 2.0	15	1150	1600	1550	1100	1250	550	550	2350	1835	1400	475	475
2.5	15	1150	1200	2100	800	950	400	540	1890	2385	1100	325	465
2.5	15	1150	1200	2100	900	1050	450	540	1950	2385	1200	375	375
2.5	15	1150	1200	2100	1000	1150	500	500	2150	2385	1300	425	425
2.5	15	1150	1600	1550	900	1050	520	720	2290	1925	1200	445	645
2.5	15	1150	1600	1550	1000	1150	500	640	2290	1925	1300	475	565
2.5	15	1150	1600	1550	1100	1250	550	640	2350	1925	1400	475	475
3.0	15	1150	1600	1550	900	1050	520	720	2290	2105	1200	445	645
3.0	15	1150	1600	1550	1000	1150	500	640	2290	2105	1300	425	565
3.0	15	1150	1600	1550	1100	1250	550	640	2350	2105	1400	475	475
1.0	17	1275	2000	1400	1100	1250	570	800	2620	1815	1400	495	725
1.6 - 2.0	17	1275	2000	1400	1100	1250	610	820	2680	1925	1400	535	745
2.5	17	1275	2000	1400	1100	1250	620	820	2690	1925	1400	545	745
1.0 - 1.6	18	1350	2000	1500	1100	1250	610	820	2680	1925	1400	535	745
1.0 - 1.6	21	1600	2100	1600	1100	1250	660	870	2780	1925	1400	585	795
2.0 - 2.5	21	1600	2100	1600	1100	1250	670	870	2790	1925	1400	595	795
3.0	21	1600	2100	1600	1100	1250	670	870	2790	2130	1400	595	795
1.0 - 2.5	24	1800	2350	1600	1200	1350	745	945	3040	2065	1500	670	870
1.0 - 2.0	26	2000	2350	1700	1200	1350	745	945	3040	2080	1500	670	870

## Two-panel side opening, single entrance (SEC)

Rated speed (m/s)	Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame					Frame		
						LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
1.0	8	630	1100	1400	800	950	150	550	1650	1785	1100	70	480
1.0	8	630	1100	1400	900	1050	150	450	1650	1785	1200	75	375
1.6	8	630	1100	1400	800	950	150	550	1650	1860	1100	70	480
1.6	8	630	1100	1400	900	1050	150	450	1650	1860	1200	75	375
2.0	8	630	1100	1400	800	950	150	550	1650	1920	1100	70	480
2.0	8	630	1100	1400	900	1050	150	450	1650	1920	1200	75	375
1.0 - 1.6	12	900	1400	1500	900	1050	150	750	1950	1910	1200	70	680
2.0	12	900	1400	1500	900	1050	150	750	1950	1920	1200	70	680
1.0 - 2.0	13	1000	1100	2100	800	950	150	550	1650	2485	1100	70	480
1.0 - 2.0	13	1000	1100	2100	900	1050	150	450	1650	2485	1200	75	375
1.0 - 2.0	15	1150	1200	2100	800	950	170	630	1750	2485	1100	70	580
1.0 - 2.0	15	1150	1200	2100	900	1050	170	530	1750	2485	1200	70	480
1.0 - 2.0	15	1150	1200	2100	1000	1150	150	500	1800	2485	1300	75	425
2.5	15	1150	1200	2100	800	950	270	670	1890	2485	1100	195	595
2.5	15	1150	1200	2100	900	1050	270	570	1890	2485	1200	195	495
2.5	15	1150	1200	2100	1000	1150	220	520	1890	2485	1300	145	445
1.0	17	1275	1200	2300	1100	1250	150	550	1950	2685	1400	75	475
1.6 - 2.0	17	1275	1200	2300	1100	1250	185	525	1960	2685	1400	110	450
2.5	17	1275	1200	2300	1100	1250	195	525	1970	2685	1400	120	450
1.0 - 1.6	18	1350	2000	1500	1100	1250	185	1245	2680	2025	1400	110	1170
1.0 - 1.6	21	1600	1400	2400	1300	1450	185	625	2260	2785	1600	110	550
2.0 - 3.0	21	1600	1400	2400	1300	1450	195	625	2270	2785	1600	120	550
1.0 - 2.0	26	2000	1500	2700	1300	1450	185	635	2270	3085	1600	110	560
1.0 - 1.6	30	2275	1700	2600	1200	1350	195	845	2390	2985	1500	120	770
1.0 - 1.6	30	2275	1700	2600	1300	1450	195	745	2390	2985	1600	120	670
1.0 - 1.6	33	2500	1800	2700	1300	1450	195	845	2490	3085	1600	120	770
1.0 - 1.6	33	2500	1800	2700	1400	1550	220	720	2490	3085	1700	120	670

## Four-panel center opening, single entrance (SEC)

Rated speed (m/s)	Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame					Frame		
						LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
1.0 - 1.6	21	1600	1400	2300	1300	1450	350	350	2150	2685	1600	275	275
1.0 - 1.6	21	1600	1400	2400	1300	1450	350	350	2150	2785	1600	275	275
2.0 - 2.5	21	1600	1400	2300	1300	1450	350	350	2150	2725	1600	275	275
2.0 - 2.5	21	1600	1400	2400	1300	1450	350	350	2150	2825	1600	275	275
1.0 - 2.0	26	2000	1500	2600	1300	1450	350	400	2200	3025	1600	280	320
2.5	26	2000	1500	2600	1300	1450	350	450	2250	3025	1600	280	370
1.0 - 2.0	26	2000	1500	2700	1300	1450	350	400	2200	3125	1600	280	320
2.5	26	2000	1500	2700	1300	1450	350	450	2250	3125	1600	275	375

### Two-panel center opening, through-type (TTC)

Rated speed (m/s)	Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame					Frame		
						LR (mm)	FW 1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
1.0-1.6	8	630	1100	1400	800	950	400	400	1750	1810	1100	325	325
1.0-1.6	8	630	1100	1400	900	1050	450	450	1950	1810	1200	375	375
1.0-2.0	13	1000	1100	2100	800	950	400	400	1750	2510	1100	325	325
1.0-2.0	13	1000	1100	2100	900	1050	450	450	1950	2510	1200	375	375
1.0-2.0	13	1000	1100	2100	1000	1150	500	500	2150	2510	1300	425	425
1.0-2.0	15	1150	1200	2100	800	950	400	400	1750	2510	1100	325	325
1.0-2.0	15	1150	1200	2100	900	1050	450	450	1950	2510	1200	375	375
1.0-2.0	15	1150	1200	2100	1000	1150	500	500	2150	2510	1300	425	425
2,5	15	1150	1200	2100	900	1050	450	450	1950	2510	1200	375	375
2,5	15	1150	1200	2100	1000	1150	500	500	2150	2510	1300	425	425
2,5	15	1150	1200	2100	800	950	400	540	1890	2510	1100	325	465
1.0-1.6	21	1600	1400	2400	1300	1450	650	650	2750	2810	1600	575	575

### Two-panel side opening, through-type (TTC)

Rated speed (m/s)	Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame					Frame		
						LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
1.0 - 1.6	8	630	1100	1400	800	950	150	550	1650	2010	1100	70	480
1.0 - 1.6	8	630	1100	1400	900	1050	150	450	1650	2010	1200	75	375
1.0 - 2.0	12	900	1400	1500	900	1050	150	750	1950	2110	1200	70	680
1.0 - 2.0	13	1000	1100	2100	800	950	150	550	1650	2710	1100	70	480
1.0 - 2.0	13	1000	1100	2100	900	1050	150	450	1650	2710	1200	75	375
1.0 - 2.0	15	1150	1200	2100	800	950	170	630	1750	2710	1100	70	580
1.0 - 2.0	15	1150	1200	2100	900	1050	170	530	1750	2710	1200	70	480
1.0 - 2.0	15	1150	1200	2100	1000	1150	150	500	1800	2710	1300	75	425
2.5	15	1150	1200	2100	800	950	270	670	1890	2710	1100	195	595
2.5	15	1150	1200	2100	900	1050	270	570	1890	2710	1200	195	495
2.5	15	1150	1200	2100	1000	1150	220	520	1890	2710	1300	145	445
1.0	17	1275	1200	2300	1100	1250	150	550	1950	2910	1400	75	475
1.6 - 2.0	17	1275	1200	2300	1100	1250	185	525	1960	2910	1400	110	450
2.5	17	1275	1200	2300	1100	1250	195	525	1970	2910	1400	120	450
1.0 - 1.6	18	1350	2000	1500	1100	1250	185	1245	2680	2110	1400	110	1170
1.0 - 2.5	21	1600	1400	2400	1300	1450	195	625	2270	3010	1600	120	550
1.0 - 2.5	26	2000	1500	2700	1300	1450	185	635	2270	3310	1600	110	560
1.0 - 1.6	30	2275	1700	2600	1200	1350	195	845	2390	3210	1500	120	770
1.0 - 1.6	30	2275	1700	2600	1300	1450	195	745	2390	3210	1600	120	670
1.0 - 1.6	33	2500	1800	2700	1300	1450	195	845	2490	3310	1600	120	770
1.0 - 1.6	33	2500	1800	2700	1400	1550	220	720	2490	3310	1700	120	670

### Four-panel center opening, through-type (TTC)

Rated speed (m/s)	Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame					Frame		
						LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
1.0 - 2.5	21	1600	1400	2300	1300	1450	350	350	2150	2990	1600	275	275
1.0 - 2.0	26	2000	1500	2600	1300	1450	350	400	2200	3290	1600	280	320
2.5	26	2000	1500	2600	1300	1450	350	450	2250	3290	1600	275	375

## KONE MonoSpace® 700 option and features

	Option Code	Building segment recommendation		KONE MonoSpace 700
		Residential	Commercial	
<b>Eco-efficiency features and options</b>				
Regenerative drive	BMV M	☆	☆	●/○
LED lighting		☆	☆	○
Car light standby	OCL A	☆	☆	●
Ventilation standby	OCV A		☆	○
Signalization dimming		☆	☆	●
Drive standby		☆	☆	●
Controller standby	SBM V	☆	☆	○
<b>People flow enhancement features</b>				
Full collective control system	FC		☆	●
Push button control system	PB	☆		○
Down collective control system	DC	☆		○
KONE Polaris 500 Destination control	DCS		☆	○
KONE Polaris 800 Destination control	DCS		☆	○
KONE Polaris 900 Destination control	DCS		☆	○
Advance door opening	ADO		☆	●
Curtain of light in car door	COL	☆	☆	○
Nudging operation, warning signal to closing door (NUD)	NUD		☆	○
Bypass load function, landing calls not picked if over 80% load in car	BLF	☆	☆	○
Adaptation to traffic peaks	IUP/IDP/ITP	☆	☆	●
Door closed button	DCB		☆	○
Priority car call, with key	PRC	☆		○
Mistake call cancellation (pressing twice to cancel false call)	FCC	☆	☆	○
<b>Accessibility features and options</b>				
Compliance of EN81-70		☆	☆	○
Curtain of light in car door	COL		☆	○
Lift audible announcer	ACU F	☆	☆	○
Door open with extended door time	DOE B	☆	☆	○
Door open button	DOB	☆	☆	●
Door close button	DCB		☆	○
Induction loop in car for people with hearing aid	ILS		☆	○
Access control with pin code locked car calls		☆		○
Automatic parking at main floor	PAM	☆	☆	○
Tenant directory on COP, custom COP faceplate			☆	○
Loudspeaker provision in car			☆	○
Call registered buzzer in car and at landing		☆	☆	○
Green main floor button	GFB	☆	☆	○
Folding seat in car		☆		○
Out of service switch and indicator in car	OSS C		☆	○
Corridor illuminating control	CIC	☆	☆	○
<b>Security features and options</b>				
Locking of car calls with key switch	LOC E	☆	☆	○
Compulsory stopping at main floor	CSM		☆	○
Priority call in car	PRC		☆	○
Locking of landing calls	LOL	☆	☆	○
<b>Hazard avoidance features and options</b>				
Halogen free electrification cables	LSH	☆	☆	○
Accurate leveling operation with doors open	ACL B	☆	☆	●
Automatic evacuation to nearest landing	EBD A			○
Car ventilation with fan	OCV		☆	○
Emergency power drive, operation with emergency generator	EPD		☆	○
KONE Remote Monitoring with GSM connection	KRM PW	☆	☆	○
Independent dual brake		☆	☆	●
Curtain of light in car door	COL	☆	☆	○
Hoistway access detection, Door opening monitoring	DOM	☆		○
Car door lock	LOC	☆	☆	○
Car emergency light	CEL	☆	☆	●
Maintenance light on the Maintenance Access Panel		☆	☆	●
Maintenance intercom from Maintenance Access Panel to car			☆	○
Sequencer for elevator group in recovering from the power black out, EPS G	EPS G		☆	○
Safety gear in counterweight for elevators with occupied levels under the pit	CWT SG		☆	○
Earthquake sensor contact option	EAQ		☆	○
Fire service operation	FRD			○
<b>System options</b>				
KONE InfoScreen to display building related information in the car and landing		☆	☆	○
KONE E-link, elevator monitoring system			☆	○
KONE IDE300, building door, access control and elevator integration		☆		○
KONE Polaris 500 Destination control			☆	○
KONE Polaris 800 Destination control			☆	○
KONE Polaris 900 Destination control			☆	○
<b>Special elevator solutions conforming with safety codes</b>				
EN81-72 Fire fighters lifts				○
EN81-73 Behaviour of lifts in the event of fire		☆	☆	○
EN81-71 Vandal resistant lifts, CAT1				○
EN81-70, Elevators for passengers with disabilities		☆	☆	○

☆ = recommendation

● = standard

○ = option







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 47,000 dedicated experts to serve you globally and locally.

**KONE Corporation**  
**[www.kone.com](http://www.kone.com)**