

KONE BUILDING DOORS OFFERING OVERVIEW

REVOLVING DOORS													
DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/AUTOMATIC (A)	OPTIONAL FOLDABLE WINGS	THEORETICAL THROUGHPUT (PERSONS/MIN/DIRECTION) DEPENDING ON DIAMETER	DOOR TOTAL HEIGHT, mm	OUTSIDE DIAMETER, mm	FREE PASSAGE HEIGHT, mm	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE	ENVIRONMENTAL PRODUCT DECLARATION (EPD)
STANDARD KONE Revolving Door 30	EXT/ INT	A	Yes	14-32	2300 - 2900	2100 - 3700	2100-2700	3 wings 120° LINK > 4 wings 180° LINK >	LINK >	Yes	DoC**	EN 16005	LINK >
WIDE KONE Revolving Door 50	EXT/ INT	A	Yes	36-45	2400 - 2800 (or 2900)	4120 (or 4720)	2200-2600	3 wings 120° LINK > 4 wings 180° LINK >	LINK >	Yes	DoC**	EN 16005	-
PREMIUM KONE Revolving Door 100	EXT/ INT	A	Yes Yes, up to 3000 mm outside diameter	11-22	2230 - 2830*	2100 - 3300*	2100-2700	LINK >	LINK >	Yes	DoC**	EN 16005	-

* Outside diameter can be increased in steps of 100 mm
** DoC Declaration of Conformity

GLIDING DOORS													
DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/AUTOMATIC (A)	FIRE RESISTANCE	DOOR OPTIONS	DOOR WEIGHT, kg	DIMENSIONS (CLEAR OPENING WIDTH/ HEIGHT)***, mm	WALL THICKNESS (mm)	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE	ENVIRONMENTAL PRODUCT DECLARATION (EPD)
MANUAL ON-WALL KONE Gliding Door 10	INT	M	-	Single, Double, With patient rail	25 – 80 kg depending on door type, panel structure and dimensions	800-2400 x 2000-2700 800-4800 x 2000-2700 800-2400 x 2000-2700	100/ 125/ 150	LINK >	LINK >	Y	DoC*	-	LINK >
MANUAL IN-WALL KONE Gliding Door 10I	INT	M	-	Single, Double, Soft-close, with patient rail		800-1600 x 2000-2700 800-2800 x 2000-2700 800-1600 x 2000-2700		125/ 150		LINK >	Y	DoC*	-
MANUAL FIRE-PROOF KONE Gliding Door 10F	INT	M	Y Fire resistance classes: EI ₁ 30 EI ₂ 30	Single, 30 min fire-resistant, automatic closing in case of fire		800-1400 x 2000-2600	125/ 150		LINK >	Y	DoC* Fire test results	EN 1634-1: 2008	-
AUTOMATIC ON-WALL KONE Gliding Door 30	INT	A	-	Single		800-1400 x 2000-2600	100/ 125/ 150	COMING SOON	Y	DoC*	EN 16005	-	-
AUTOMATIC IN-WALL KONE Gliding Door 30I	INT	A	-	Single		800-1400 x 2000-2600		LINK >	Y	DoC*	EN 16005	-	-

* DoC Declaration of Conformity

SLIDING DOORS

DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/ AUTOMATIC (A)	FIRE RESISTANCE	CONFIGURATION	U-VALUE** _U , W/m ² K	DIMENSIONS (DOOR STRUCTURAL OPENING WIDTH/ HEIGHT)** _U , mm	FREE OPENING WIDTH*** _U , mm	CLEAR OPENING WIDTH*** _U , mm	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE	ENVIRONMENTAL PRODUCT DECLARATION (EPD)
STANDARD KONE Sliding Door 30 Profile 20S (slim)	EXT/ INT	A	-	Single With/ Without fixed panel	-	<ul style="list-style-type: none"> Without fixed panels 800-1400 x 2000-2700 With fixed panels 1600-2800 x 2000-2700 Fixed panel width 600-1450 	753-1353	<ul style="list-style-type: none"> Without fixed panels 800-1400 With fixed panels 1600-2800 	LINK >	LINK >	Y	DoC*	EN 16005	
				Double With/ Without fixed panels	-	<ul style="list-style-type: none"> Without fixed panels 900-2200 x 2000-2700 With fixed panels 1800-4400 x 2000-2700 Fixed panel width 450-1100 	806-2106	900-2200	LINK >					
STANDARD KONE Sliding Door 30 Profile 35S (standard)	EXT/ INT	A	-	Single With/ Without fixed panel	-	<ul style="list-style-type: none"> Without fixed panels 800-1400 x 2000-2700 With fixed panels 1600-2800 x 2000-2700 Fixed panel width 600-1450 	<ul style="list-style-type: none"> Without fixed panels 739-1189 With fixed panels 889-1189 	800-1250	LINK >	LINK >	Y	DoC*	EN 16005	LINK >
				Double With/ Without fixed panels	-	<ul style="list-style-type: none"> Without fixed panels 900-2200 x 2000-2700 With fixed panels 1800-4400 x 2000-2700 Fixed panel width 450-1100 	778-2378	900-2500	LINK >					
				Prismatic	-	This is specific door, please consult KONE Engineering			LINK >					
				Single Telescopic	-	Max. 2100 x 2700		Max. 2100	-					
				Double Telescopic	-	Max. 5000 x 2700		Max. 5000	-					
				Curved	-	This is specific door, please consult KONE Engineering			-					
STANDARD KONE Sliding Door 30 Profile 50S (robust)	EXT/ INT	A	-	Single With/ Without fixed panel	-	1500 x 2900	Max. 1585	Max. 1350	LINK >	LINK >	Y	DoC*	EN 16005	
				Double With/ Without fixed panels	No	2300 x 2900	Max. 2770	Max. 2300	LINK >					
INSULATED KONE Sliding Door 50** Profile 65S (insulated)	EXT/ INT	A	-	Single With/ Without fixed panel	1.13- 1.75*	U-value 1.1 <ul style="list-style-type: none"> Without fixed panels 800-2250 x 2000-2600 With fixed panels 1600-3500 x 2000-2600 	685-1635	<ul style="list-style-type: none"> Without fixed panels 800-1750 	With fixed panels LINK >	LINK >	Y	DoC*	EN 16005	LINK >
						U-value 0.6 <ul style="list-style-type: none"> Without fixed panels 800-1450 x 2000-2600 With fixed panels 1600-2900 x 2000-2600 Fixed panel width max. 2100 	685-1335	<ul style="list-style-type: none"> Without fixed panels 800-1450 	Without fixed panels LINK >					
				Double With/ Without fixed panels		U-value 1.1 <ul style="list-style-type: none"> Without fixed panels 800-2250 x 2000-2600 With fixed panels 1600-4500 x 2000-2600 	570-2020	<ul style="list-style-type: none"> Without fixed panels 800-2250 	With fixed panels LINK >					
						U-value 0.6 <ul style="list-style-type: none"> Without fixed panels 800-1950 x 2000-2600 With fixed panels 1600-3900 x 2000-2600 Fixed panel width max.1600 	570-1720	<ul style="list-style-type: none"> Without fixed panels 800-1950 	Without fixed panels LINK >					
				Burglar proof with 2 fixed panels		U-value 1.1 1440-5450 x 2000-2300	1210-5220	800-2250	LINK >					
		U-value 0.6 1440-5150 x 2000-2300	1210-4920	800-1950	Note: Fixed panel width not relevant									

SLIDING DOORS

DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/ AUTOMATIC (A)	FIRE RESISTANCE	CONFIGURATION	U-VALUE** W/m²K	DIMENSIONS (DOOR STRUCTURAL OPENING WIDTH/ HEIGHT)***, mm	FREE OPENING WIDTH***/ HEIGHT (IF DIFFERENT FROM STRUCTURAL HEIGHT), mm	CLEAR OPENING WIDTH***/ HEIGHT (IF DIFFERENT FROM STRUCTURAL HEIGHT), mm	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE	ENVIRONMENTAL PRODUCT DECLARATION (EPD)
ESCAPE ROUTE KONE Sliding Door 65 Profiles 20S Profiles 35S Profiles 50S	EXT/ INT	A	-	Single With/ Without fixed panel	-	Profile 20S Single <ul style="list-style-type: none"> Without fixed panels 800-1400 x 2000-2700 With fixed panels 1600-2800 x 2000-2700 Fixed panel width 600-1450 	753 - 1353	<ul style="list-style-type: none"> Without fixed panels 800-1400 With fixed panels 1600-2800 	-	Y	DOC*	EN 16005		
					Profile 35S Single <ul style="list-style-type: none"> Without fixed panels 800-1400 x 2000-2700 With fixed panels 1600-2800 x 2000-2700 Fixed panel width 600-1450 	<ul style="list-style-type: none"> Without fixed panels 739 - 1189 With fixed panels 889 - 1189 	800-1250	-						
					Profile 50S Single 1500 x 2900	Max. 1585	Max. 1350							
	Double With/ Without fixed panels		Profile 20S Double <ul style="list-style-type: none"> Without fixed panels 900-2200 x 2000-2700 With fixed panel 1800-4400 x 2000-2700 Fixed panel width 450-1100 	806 - 2106	900-2200	Double without fixed panels LINK >								
			Profile 35S Double <ul style="list-style-type: none"> Without fixed panels 900-2200 x 2000-2700 With fixed panel 1800-4400 x 2000-2700 Fixed panel width 450-1100 	778 - 2378	900-2500	Double with fixed panels LINK >								
			Profile 50S Double 2300 x 2900	Max. 2770	Max.2300									
COMPACT KONE Sliding Door 70 Profiles 20S Profiles 35S	INT	A	-	Single With/ Without fixed panel	-	Profile 20S Single 800-1400 x 2000-2300	800-1339	800-1400	Single with fixed panel LINK >	Y	DOC*	EN 16005		
					Profile 35S Single 1600-2800 x 2000-2300			Single without fixed panel LINK >						
				Double With/ Without fixed pane	Profile 20S Double 900-2000 x 2000-2300	778-1878 Fixed panel dimensions not relevant	900-2000 Fixed panel dimensions not relevant	Double with fixed panels LINK >						
					Profile 35S Double 1800-4400 x 2000-2300			Double without fixed panels LINK >						
FIRE-PROOF KONE Sliding Door 80 Profile 80S (Fire)	INT	A	Fire resistance classes: EI ₂ 30 EI ₁ 15	Single With/ Without fixed panel	-	Without fixed panel 800-1750 x 2000-2300	800-1622	800-1750	Single without fixed panel LINK >	Y	Fire test results	EN 16005 EN 1634-1 EN 13501-1	LINK >	
					With fixed panel 1600-3250 x 2050-2350	800-1622 x 2000-2300	800-1750 x 2000-2300	Single with fixed panel LINK >						
				Double With/ Without fixed panels	Without fixed panel 800-2000 x 2000-2300	800-1744	800-2000	Double without fixed panels LINK >						
					With fixed panel 1500-5000 x 2050-2350	800-1744 x 2000-2300	800-2000 x 2000-2300	Double with fixed panels LINK >						
FULL GLASS KONE Sliding Door 100 Profile 100S (Full glass)	INT	A	-	Single	-	800-1400 x 2200-2400	760-1360	800-1400	Single without fixed panel LINK >	Y	DoC*	EN 16005		
				Double	900-2200 x 2200-2400	820-2120	900-2200	Double without fixed panels LINK >	Double with fixed panels LINK >					

* DoC – Declaration of Conformity

** U-Value varies depending on the glass type and size on the door

*** See Appendix for definitions of free opening width vs. opening width vs. structural opening width

HERMETIC DOORS

DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/AUTOMATIC (A)	FIRE RESISTANCE	RADIATION PROTECTION, mm	AIR TIGHTNESS, m ³	SOUND INSULATION (Db)	DIMENSIONS (DOOR STRUCTURAL OPENING WIDTH/ OPENING HEIGHT), mm	FREE OPENING WIDTH, mm	CLEAR OPENING WIDTH, mm	CAPACITY OF DOOR OPERATOR, kg	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE	ENVIRONMENTAL PRODUCT DECLARATION (EPD)
GENERAL MEDICAL APPLICATIONS KONE Hermetic Door 30 M11	INT	A	-	3	-	28	Single 930-2640 x 1900-2500 Double: 1520-2380 x 1900-2300	Single 800-2630 Double 1270-2370	Single 920-2630 Double 1510-2370	140	LINK >	LINK >	Y	DoC	EN 16005 DIN 18650 EN 1026 EN 1010:2013	
EXCELLENT AIR PERMEABILITY KONE Hermetic Door 30 M5	INT	A	-	3	Tested of up to 100 Pascal. In the most common application with 15 Pascal pressure difference, the air loss overpressure 0.85 m ³ /h and under pressure < 0.2 m ³ /h, respectively*	28-37	Single 910-2640 x 1900-2500 Double 1346-2746 x 1900-2500	Single 800-2630 Double 1236-2736	Single 900-2630 Double 1336-2736	300	LINK >		Y	DoC		LINK >
RADIATION PROTECTION KONE Hermetic Door 30R M5	INT	A	-	10		28-37	910-2640 x 1900-2500	800-2630	900-2630	300	LINK >		Y	DoC		LINK >
FIRE PROOF KONE Hermetic Door 80 M5	INT	A	Y E _{1,30} E _{2,30}	3		28-37	Max. 1726 x 2298	1598	Max. 1716	300	With 30 min. protection LINK >		Y	DoC		LINK >
GLASS KONE HERMETIC KONE Hermetic Door 100 M5	INT	A	-	3		28-37	Single 910-1640 x 1900-2500 Double 1346-2746 x 1900-2500	Single 800-2630 Double 1236-2736	Single 900-1630 Double 1336-2736	300	LINK >		Y	DoC	EN 16005 DIN 18650 EN 1026 EN 1010:2013	
ELEGANT KONE Hermetic Door 30 with latest automation	INT	A	-	1/2/3	Class D acc. EN12207	28-38	993-2238 x 2105-3005	855-2100	983-2228	300	LINK >		Y	DoC	EN 16005 DIN 18650 - Air leakage classification according to EN12207/ EN1026. Medical equipotential bonding according to NEN 1010: 2015/ IEC 60364-7-710	

* Test was carried out according to ANSI/UL 1784/1997 by Peutz report B1081-1

SWING DOOR OPERATORS

DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/AUTOMATIC (A)	FIRE RESISTANCE	OPERATOR DIMENSIONS, mm	MAXIMUM DOOR LEAF WEIGHT, kg	DIMENSIONS (DOOR WIDTH/HEIGHT) DEPENDING ON CONFIGURATION, mm	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE	ENVIRONMENTAL PRODUCT DECLARATION (EPD)
SPACE-SAVING KONE UniSwing Compact Slide arm	INT	A	-	75 x 75 x 700	120-300*	700-1100 x 2500**	Single LINK > Double LINK >	LINK >	Y	Do1***		LINK >
STANDARD KONE UniSwing Solid Slide arm	INT	A	-	111 x 88 x 700	80-230*	700-1200 x 2500**	Single LINK > Double LINK >		Y			LINK >
FOR EXTERIOR APPLICATION KONE UniSwing Robust EN4 pull EN4 push EN5 pull EN5 push	EXT/ INT	A	-		115-320*	750-1100 x 2500** 700-1100 x 2500** 1100-1250 x 2500** 1100-1250 x 2500**	Single LINK >		Y	Do1***		
FOR FIRE DOORS KONE UniSwing Firesafe EN4 pull EN4 push EN5 pull EN5 push	EXT/ INT	A	Y		150-200*	950-1100 x 2500** 950-1100 x 2500** 1100-1250 x 2500** 1100-1250 x 2500**			Y	Do1*** Test results with self-closing mechanism	EN 1154 EN 1155	

* Maximum door leaf weight is depending on door width

** Possibility of door height over 2500 mm can be checked upon request

*** DoI Declaration of Incorporation

TURNSTILES

DOOR TYPE	APPLICATION (EXT/INT)	MANUAL (M)/AUTOMATIC (A)	THEORETICAL THROUGHPUT WITHOUT ACCESS CONTROL OR ELEVATOR INTEGRATION (PERSONS/MIN/DIRECTION)	DIMENSIONS (HEIGHT / LENGTH / WIDTH), mm	FREE PASSAGE WIDTH / MAX. DIMENSION BETWEEN AXES, mm	DWG DRAWING	BROCHURE	CE / UL MARKING	CERTIFICATE / DECLARATIONS OF RESULTS	CODE COMPLIANCE
TRIPOD KONE Turnstile 30	EXT/ INT	A	Up to 45	1020 x 1170 x 770 (single lane)	510	LINK >	LINK >		DoC	EN 16005
HALF-HEIGHT SENSOR BARRIER KONE Turnstile 50	INT	A	Up to 30	1020 x 2050 x 1050 (single lane)	650 (Optional 900)	LINK >	LINK >			EN 16005
PREMIUM HALF-HEIGHT SENSOR BARRIER KONE Turnstile 100	INT	A	Up to 30	945 x 2100 x 1060 (single lane) door panel height 920 (optional door panel height 1200)	650 (Optional 900)*	LINK >	LINK >	UL 325, Subject 2593 and CSA C22.2 No:247		EN 16005
STAINLESS STEEL KONE Swing Gate 30	EXT/ INT	A	-	900 (height)	650 - 1200	LINK >	LINK >	-	-	-
FULL-HEIGHT GLASS KONE Swing Gate 50	INT	A		900 (height)	650 - 1000	LINK >				
STAINLESS STEEL KONE Guiding Barrier 10	EXT/ INT	-		900 (height)	500 - 1500 (max dimension between axes)	LINK >				
STAINLESS STEEL WITH GLASS KONE Guiding Barrier 15	EXT/ INT	-		900 (height)		LINK >				
FULL-GLASS KONE Guiding Barrier 20	EXT/ INT	-		900 (height)		LINK >				

* 914 mm wide wheelchair passage is available with different specification for USA

INDUSTRIAL DOORS

DOOR TYPE	APPLICATION	MANUAL (M)/AUTOMATIC (A)	FIRE RESISTANCE	WIND RESISTANCE, km/h	U-VALUE, W/m ² K**	NOISE INSULATION (dBA)	MAXIMUM OPENING (CLOSING) SPEED, mm/sec	DOOR WIDTH, mm	DOOR HEIGHT, mm	DWG DRAWING	BROCHURE	CE MARKING	CERTIFICATE/ DECLARATIONS OF RESULTS	CODE COMPLIANCE
SECTIONAL DOORS														
KONE Sectional Door Standard	EXT	A	-	Class 3 (EN 12424)	1.02	25	Approx. 0.25	2000-8000	2250-6000	LINK >	LINK >	Y	DoC DoP*	EN 13241-1 EN 12453-1 EN 12604 EN 12424
KONE Sectional Door with panorama windows	EXT	A	-	Class 3 (EN 12424)	4.25	-	Approx. 0.25			LINK >	LINK >	Y	DoC DoP	
KONE Sectional High-Speed Door	EXT/INT	A	-	Class 4 (EN 12424)	2.7	-	1.1			LINK >	LINK >	Y	DoC DoP	
HIGH-SPEED DOORS														
Standard folding door for external applications KONE Fold	EXT	A	-	Class 4 (EN 12424)	-	-	1-1.5 (0.5)	6000	6000	LINK >	LINK > LINK >	Y	DoC DoP	EN 13241-1 EN 12453-1 EN 12604
Folding door for internal application KONE Fold Chill	INT	A	-	-	-	-	1-1.5 (0.5)	4000	4000	LINK >	LINK > LINK >	Y	DoC DoP	
For entrances with large dimensions KONE Fold Max	EXT	A	-	Up to 80	-	-	0.5 (0.5)	7000-12 000	10 000	LINK >	LINK > LINK >	Y	DoC DoP	
Folding door for car washes KONE Fold Wash	EXT/INT	A	-	-	2.7	16	1-1.5 (0.5)	4500	4500	COMING SOON	LINK > LINK >	Y	DoC DoP	
Compact door for internal applications KONE Roll One	INT	A	-	-	-	-	1 (1)	3250	3250	LINK >	LINK > LINK >	Y	DoC DoP	
Standard KONE Roll	INT	A	Y	-	-	-	1-2 (0.5)	4000	4000	LINK >	LINK >	Y	DoC DoP	
For cleanroom applications KONE Roll Clean	INT	A	-	-	-	-	1-1.5 (0.5)	4000	4000	LINK >	LINK > LINK >	Y	DoC DoP	
KONE ROLLER SHUTTERS AND GRILLES														
Compact and easy to install KONE Roller Shutter Easy	EXT/INT	A	-	Class 2 (EN 12424)	3.5	20		1000-5000	1000-5000	LINK >	No	Y	DoC DoP	EN 13241-1 EN 13501-2:2005
With heat insulation KONE Roller Shutter Thermo Tec	EXT/INT	A	-	Class 2,3,4 (EN 12424)	3.5	20		1000-18 000	1000-12 000	LINK >	No	Y	DoC DoP	
KONE Roller Shutter Fire Proof	EXT/INT	A	Y E60	-	-	-	C2	2000-5700	2510-5700	COMING SOON	No	Y	EW30, EW45, EW60, E30, E60	
For good ventilation and theft protection KONE Grilles	EXT/INT	A	-	-	-	-		1000-11 500	1000-8000, 1000-6000 (TGX)	LINK >	No	Y	DoC DoP	

* DoP Declaration of Performance

** Depending on door size and configuration

For local offering of industrial doors please consult your local sales representative

APPENDIX

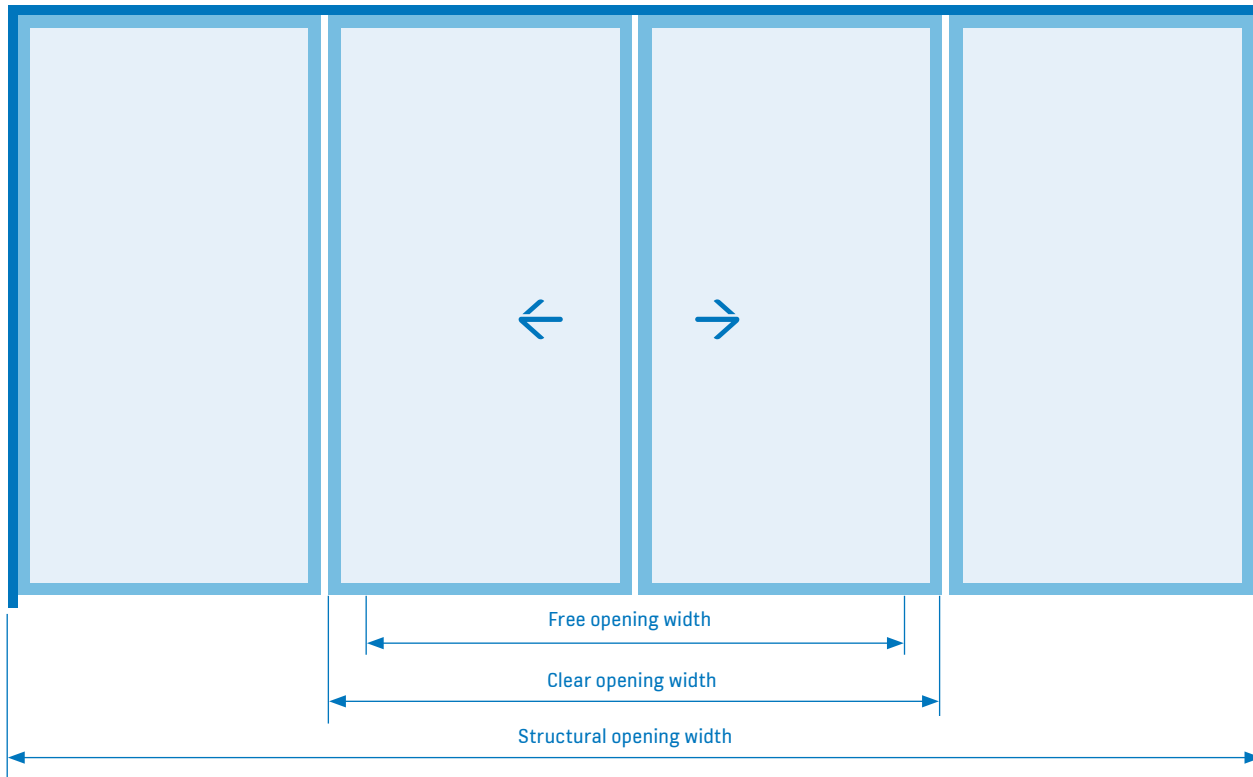


Figure 1. Various opening width definitions

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 managing the smooth flow of people and goods throughout buildings.

This makes us a reliable partner throughout the life cycle of buildings. 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 over 55,000 dedicated experts to serve you globally and locally.

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