

Dedicated to People Flow™



KONE landing door solutions

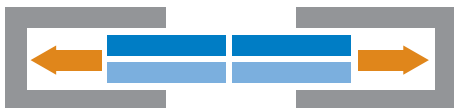
Quiet and reliable landing door solutions

Flawless door operation is important for every elevator user. Passengers must be able to reach the call buttons and other signalization devices, and access the elevator safely, easily, and conveniently. Fast, reliable, and quiet doors minimize waiting time and enhance the user experience.

The design of the lobby and elevator door must take into account both aesthetic and functional requirements. Selecting the appropriate door type and duty class for the intended purpose guarantees reliable and uninterrupted elevator operation.

Door solutions

TWO-PANEL, CENTER-OPENING DOORS



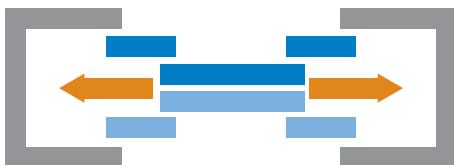
These doors are highly efficient, as passengers can enter and exit the elevator before the doors are fully open.

TWO-PANEL, SIDE-OPENING DOORS



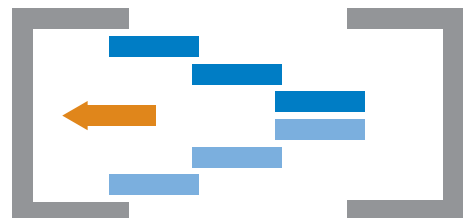
These doors have two panels that open to one side, reducing the space taken up in the shaft.

THREE-PANEL, CENTER-OPENING DOORS



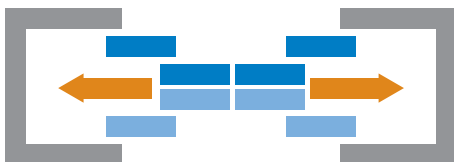
These doors can be used to replace manual doors, improving accessibility in the elevator.

THREE-PANEL, SIDE-OPENING DOORS



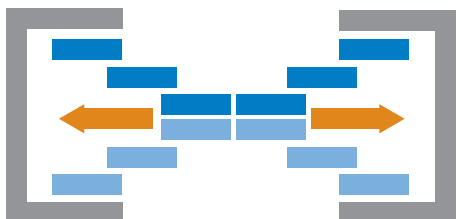
Due to their multi-panel structure, these doors are the most space-efficient solution.

FOUR-PANEL, CENTER-OPENING DOORS



These doors are best suited to large goods elevators.

SIX-PANEL, CENTER-OPENING DOOR

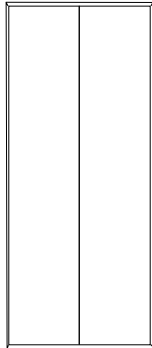


These high-duty doors are designed for use in elevators that require a very wide entry/exit space, such as vehicle elevators.

The dimensions of the opening required for door installation are indicated in the elevator drawings.

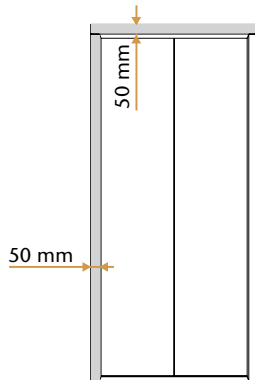
FRAMELESS

Frameless doors are used when the elevator needs to blend in totally so that only the doors are showing. This solution is common in residential buildings.



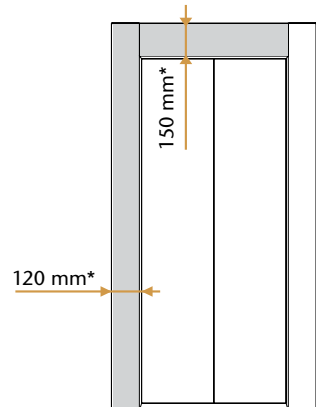
NARROW FRAME

Narrow-frame doors blend in well with building walls. They are commonly used in places like hotel lobbies.



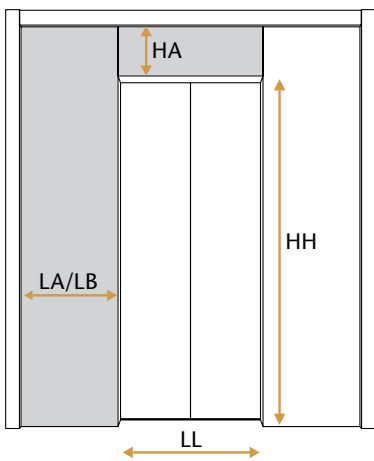
FRAME

Frame doors are typically used in residential buildings.



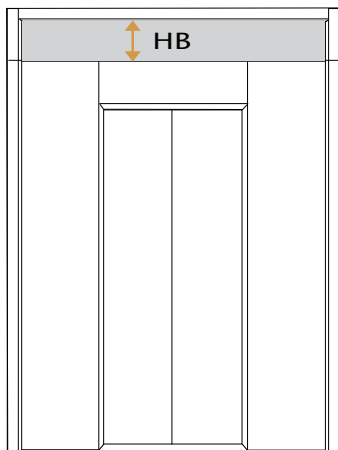
FRONT**

Front doors are used when the front wall needs to be part of the elevator.



FULL-FRONT

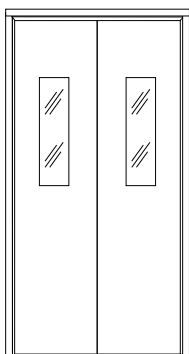
Full-front doors are used when there is gap between the elevator and the front wall.



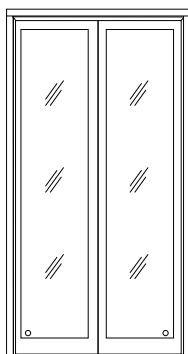
- LA/LB = Width of entrance sides
- LL = Clear opening width
- HH = Clear height of entrance
- HA = Lintel height
- HB = Top extension panel height

* With KES100 door type frame and lintel height is 100 mm
 ** Full-front version with top extension panel also available

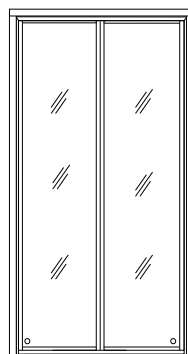
GLASS DOORS



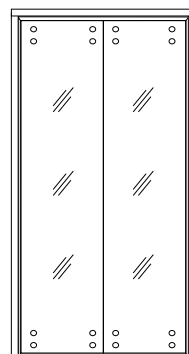
Vision panel door



Glass door with steel frame



Full glass door



Solid full glass door

Frameless and narrow-frame doors

The narrow (50-mm-wide) frame helps the door blend in with the lobby design. The door jambs can be finished in the same material as either the wall or door panels. KONE offers a wide range of flush or surface-mounted call buttons and signalization devices for wall mounting. The signalization devices shown in this brochure are illustrative.



Two-panel, center-opening narrow-frame full glass door with door jamb structures finished using the wall material.



Two-panel, center-opening frameless door with the door jamb structures finished using the wall material and a maintenance access panel installed in the wall.



Two-panel, center-opening narrow-frame door with additional door jamb plates.



Four-panel, center-opening narrow-frame door with additional door jamb plates.



Six-panel, center-opening narrow-frame door with additional jamb plates.

Frame doors

The 120-mm-wide frame door is a practical and elegant solution. The frames are finished in the same material as the door panel. The landing call buttons and signalization devices can be selected from KONE's wide product offering and installed either in the frame or in the wall.



Two-panel, center-opening frame door with additional door jamb plates.



Two-panel, side-opening frame door with door jamb structures finished using the wall material and with a maintenance access panel installed in the frame.



Two-panel, center-opening frame glass door with additional door jamb plates.



Two-panel, center-opening frame glass door with door jamb structures finished using the wall material and a maintenance access panel installed in the wall.



Three-panel, side-opening frame door with door jamb structures finished using the wall material.

Front and full front doors

These doors minimize finishing work because they cover the full height and width of the elevator shaft. This enables quick completion of landings. Surface-mounted landing call buttons and signalization devices can be selected from KONE's wide product offering and installed in the frame.



Two-panel, center-opening full-front door with adjustable cover strips.

Note: With KES 201 and KES 600 door types, a top extension panel can be added.



Two-panel, side-opening front door with adjustable cover strips.



Two-panel, side-opening front door with adjustable cover strips and a maintenance access panel installed in the wall.



Two-panel, side opening front door with adjustable cover strips and a maintenance access panel in the frame.



Two-panel, center-opening full front door.

Landing-door duty classes

KONE landing doors are designed to be safe, efficient, durable, and elegant. They are available in four duty classes according to the required traffic intensity.

Duty classes

- KES 100 (max. 200,000 starts/year)
- KES 190 (max. 200,000 starts/year)
- KES 201 (max. 200,000 starts/year)
- KES 600 (max. 400,000 starts/year)
- KES 800 (> 400,000 starts/year)

KES 100	
Door types	<ul style="list-style-type: none"> ■ 3-panel, center-opening door, frameless, frame, or front ■ 3-panel, side-opening door, frameless, frame, or front ■ 4-panel, center-opening door, frameless, frame, or front
Finishes	<ul style="list-style-type: none"> ■ Coated steel: Nordic Gray (R30) ■ Brushed stainless steel: Asturias Satin (F), Shangri-La Gold (SS1) ■ Textured stainless steel: Flemish Linen (TS1), Scottish Quad (K) ■ Painted steel: Any RAL color (P) ■ Glass: Transparent glass (TW1), glass frame and door frame: F ■ Zinc coated: Local finishing (Z)
Door dimensions (mm)	Full-front and frame door <ul style="list-style-type: none"> ■ Width LL: 600 – 1200 ■ Height HH: 2000, 2100
Sill type	KES 100 sill is extruded aluminum profile with carpet trim
Sill profile material	Anodized aluminum
Sill load	Max. 400 kg
Suitable for	KONE MonoSpace® 500
Fire class (SFS-EN81-58)	E60, E120, EW60, EI60, EI30, and non fire-rated door available

KES 190	
Door types	<ul style="list-style-type: none"> ■ 2-panel, side-opening door (to left or right), frame, front, or full front
Finishes	<ul style="list-style-type: none"> ■ PZ: Primer painted (can be painted after installation) ■ Brushed stainless steel: Asturias Satin (F) ■ Painted steel: Cloud White (P50), Misty Gray (P51), Thunder Gray (P55)
Door dimensions (mm)	<ul style="list-style-type: none"> ■ Width LL: 700, 800, 900 ■ Height HH: 2000, 2100
Sill type	Sill with carpet strip
Sill profile material	Aluminum
Sill load	Max. 400 kg
Suitable for	KONE EcoSpace®
Fire class (SFS-EN81-58)	E120, EW60, EI30, EI60, EI120, and non fire-rated door available

KES 201	
Door types	<ul style="list-style-type: none"> ■ 2-panel, center-opening door, frameless, frame, or front ■ 2-panel, side-opening door (to left or right), frameless, frame, or front
Finishes	<ul style="list-style-type: none"> ■ Coated steel: Nordic Gray (R30) ■ Brushed stainless steel: Asturias Satin (F) ■ Textured stainless steel: Flemish Linen (TS1), Scottish Quad (K) ■ Painted steel: Misty Gray (P51) - RAL 9006, Thunder Gray (P55) - RAL 7037, Cloud White (P50) - RAL 9010 ■ Zinc coated: Local finishing (Z)
Door dimensions (mm)	Front and full-front door <ul style="list-style-type: none"> ■ Width LL: 700 – 1100 (step 100) ■ Height HH: 2000, 2100 Frameless and frame door <ul style="list-style-type: none"> ■ Width LL: 600 – 900 (step 50), 1000 – 1100 ■ Height HH: 2000, 2100
Sill type	Rounded steel profile, aluminum plate and sill with carpet trim
Sill profile material	Roll moulded steel with extruded aluminum
Sill load	Max. 400 kg, heavy sill option up to 640 kg
Suitable for	<ul style="list-style-type: none"> ■ KONE MonoSpace® 500, ■ KONE MonoSpace® 700 ■ KONE Ecospace™
Fire class (SFS-EN81-58)	E120, EW60, EI30, EI60, EI120 / GOST: E30, EI30, EI60 / DSTU: EI60

KES 600	
Door types	<ul style="list-style-type: none"> 2-panel, centre opening, narrow frame, frame, or front 2-panel side opening, narrow frame, frame, or front
Finishes Main entrance level and landing door	<ul style="list-style-type: none"> Coated steel: Nordic Gray (R30) Brushed stainless steel: Asturias Satin (F), Shangri-La Gold (SS1) Textured stainless steel: Scottish Quad (K), Flemish Linen (TS1), Aqua Weave (SS4) Mirror-polished stainless steel: Murano Mirror (H) Painted steel: Any RAL color (P) Glass: Transparent glass (TW1); door frame material is F for KONE MonoSpace® 500 and KONE MonoSpace® 700 A-process Zinc coated: Local finishing (Z)
Door dimensions (mm)	<ul style="list-style-type: none"> Width LL: 700 – 1300 Height HH: 2000 – 2300 (step 100)
Sill type	<ul style="list-style-type: none"> Without carpet trim Sill with 48 mm carpet trim Sill with 92 mm carpet trim
Sill profile material	<ul style="list-style-type: none"> Roll moulded steel with extruded aluminum Stainless steel
Sill load	0.4 x nominal car load (max. 800 kg)
Suitable for	<ul style="list-style-type: none"> KONE MonoSpace® 500 KONE MonoSpace® 700 KONE MiniSpace™ KONE TranSys™
Fire class (SFS-EN81-58)	E120, EW60, EI30, EI60, EI120/GOST: E30, EI30, EI60/DSTU: EI60 and also non fire rated available
Vandal-resistant categories (EN81-71)	KES 600 doors are designed to fulfill EN 81-71 Category 1 (optional)

KES 800	
Door types	<ul style="list-style-type: none"> 2-panel, center-opening, narrow frame, frame, or front 2-panel, side-opening, narrow frame, frame or front 4-panel, center-opening, narrow frame, frame, or front 6-panel, center-opening, narrow frame
Finishes	<ul style="list-style-type: none"> Coated steel: Nordic Gray (R30) Brushed stainless steel: Asturias Satin (F), Shangri-La Gold (SS1) Textured stainless steel: Scottish Quad (K), Flemish Linen (TS1), Aqua Weave (SS4) Mirror-polished stainless steel: Murano Mirror (H) Wet-polished stainless steel : Acid Proof (A) Etched stainless steel: Silver Bamboo (ES2), Panels: ES2, Frame: H, Silver High-rise (ES3), Panels: ES3, Frame: F1, Brushed Bamboo (ESS), Panels: ESS, Frame: F1 Painted steel: Any RAL color (P) Glass: Transparent glass (TW1), London Lights (G12), White Bamboo (G14), Glass frame: F, F1, A, ST2, H, SS1 Zinc coated: Local finishing (Z)
Door dimensions (mm)	<ul style="list-style-type: none"> Width LL: 700 – 3000 Height HH: 2000 – 3000 (step 100)
Sill type	<ul style="list-style-type: none"> Without carpet trim Sill with 48 mm carpet trim Sill with 92 mm carpet trim
Sill profile material	<ul style="list-style-type: none"> Anodized aluminum Stainless steel Brass
Sill load	<ul style="list-style-type: none"> Max. 4000 kg
Suitable for	<ul style="list-style-type: none"> KONE MonoSpace® 500 KONE MonoSpace® 700 KONE MiniSpace™ KONE TranSys™
Fire class (SFS-EN81-58)	E120/EW60, EI30, EI60, EI120, 2h non-insulated BS476, EI60 (Russia), E30 (Russia) EI60 (Ukraine) and also non fire rated available
Vandal-resistant categories (EN81-71)	KES 800 doors are designed to fulfill EN 81-71 Category 1 and Category 2 requirements (optional)

GLASS DOORS	
Door types	2-panel, center opening, narrow frame
Finishes	Clear
Sill type	<ul style="list-style-type: none"> No carpet trim Sill with 48 mm carpet trim Sill with 92 mm carpet trim
Sill profile material	<ul style="list-style-type: none"> Anodized aluminum Stainless steel
Sill load	<ul style="list-style-type: none"> Passenger elevator 0.4 x nominal car load Freight elevator 0.6 x nominal car load
Fire class	Optional



Sill options



Standard sill with carpet trim



Sill with aluminum carpet trim



Sill without carpet trim



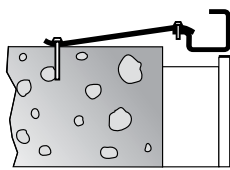
Sill in aluminum or stainless steel



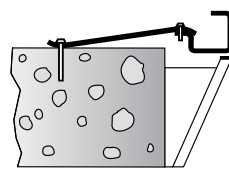
Jamb structures for narrow frame and frame doors

(Adjustable cover strips in full-front doors)

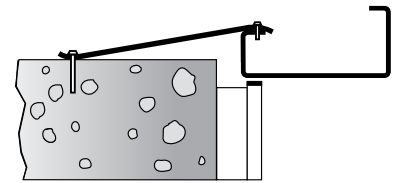
DOOR JAMB STRUCTURES FINISHED USING WALL MATERIAL (provided by customer)



Narrow frame

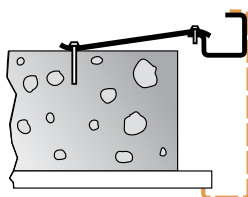


Narrow frame

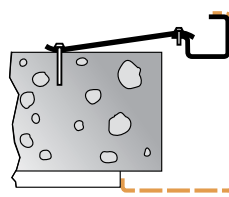


Frame

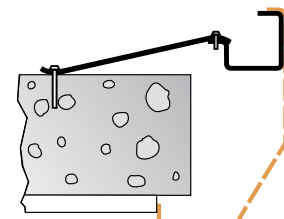
DOOR JAMB PLATE SOLUTIONS (provided by customer)



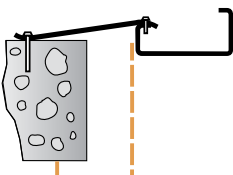
Narrow frame
(LAF1)



Narrow frame
(LAF2)



Narrow frame
(LAF3)



Frame
(LAF2)

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