

KEY BENEFITS

- Over 60% more energy efficient than conventional revolving doors
- Compliant with latest safety norms and standards
- Toughened and laminated glass for excellent durability
- Attractive, energy-efficient LED lighting
- Class 2 burglary resistance (RC2 option available)
- Available with foldable leaves for enhanced flexibility
- Fully automatic solution; semi-automatic or manual operation optional

FOR SMOOTH AND CONVENIENT PEOPLE FLOW

A versatile, durable, and economical entrance solution that ensures smooth, safe people flow in buildings such as offices, hotels, and commercial centers.

KONE revolving door 30

FEATURES

LED light ring	Ensures uniform illumination of the cabin regardless of the position of the door leaves. Attractive, easy-to-clean.
Flatscan laser sensors	Ensures safe passage regardless of environmental conditions; passage height of up to 4 meters (RC2 up to 3 meters).
Night slide	Unique combination of overhead drive and RC2-certified external night slide for doors with Ø 2 – 3.8 m and 2.1 – 3 m passage height.
Weldless floor ring	Eliminating on-site welding improves site safety and speeds up installation.
Compact drive system with gearless motor	Saves energy, reduces noise and wear, and improves reliability.
Compact canopy height at only 100 mm (without night slides or air curtain)	Door takes up less space and is easier to integrate into the facade design.

SAFETY AND SECURITY

Safety sensors and strips stop the door quickly in the event of an obstruction or emergency situation, while the set-free function releases the door for movement. The KONE revolving door 30 is available with optional RC2 burglary resistance.

The door leaves are constructed from toughened safety glass and the drum wall from laminated safety glass for excellent durability.

EN 16005 COMPLIANT

The KONE revolving door 30 is fully compliant with the latest norms and standards including EN 16005.

THROUGHPUT

Depending on the diameter and number of door leaves, throughput varies from 18 up to 46 people per minute in each direction.

THROUGHPUT MATRIX*

120° [3 wings]		180° [4 wings]	
Internal diameter (mm)	Throughput (persons/min/direction)	Internal diameter (mm)	Throughput (persons/min/direction)
2000 – 2400	18 – 22	2000 – 2800	21 – 29
2600 – 3000	29 – 38	3000 – 3600	32 – 39
3200 – 3800	41 – 46	3800	46

* Theoretical throughput where all door sections are at maximum capacity and the door is moving without any interruption

KONE REVOLVING DOOR 30

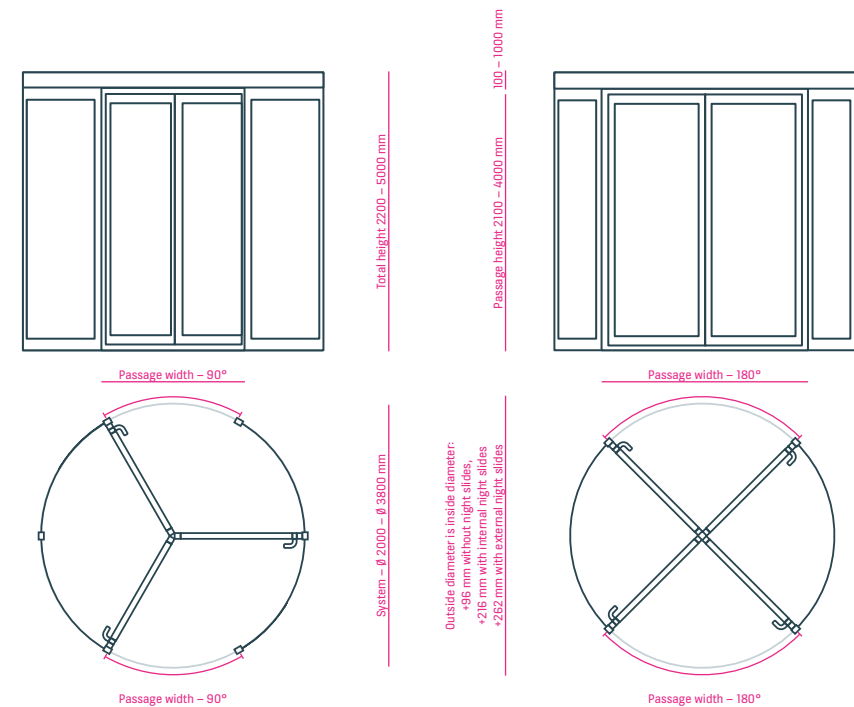


TECHNICAL SPECIFICATIONS

Construction	Outer diameter	2100 – 3900 mm
	Inner diameter	2000 – 3800 mm
	Total height	2200 – 5000 mm
	Passage height	2100 – 4000 mm
	Canopy height	Max 1000 mm
	Number of leaves	3 or 4
	Rotary cycle	120° or 180°
	Resistance class	RC2 (optional)
	Body	Side panels
Thermal separation		Facade level
Safety strips		Stop door movement on activation
Top cover/ceiling		Aluminum plate, dustproof
Maintenance access		2, in lower ceiling plate
Rotating unit	Framed in aluminum profiles	6, 8, or 10 mm depending on the door diameter
	Safety glass	6 mm toughened glass
	Sealing brushes	Twin-brush system (standard profile)
	Electro-mechanical locking system	
Finish	Surface coating in accordance with RAL	
	Optional anodized aluminum/INOX stainless steel surface	
Operation	Fully automatic with one direct drive, sensor-operated drive unit with two push buttons for wheelchair access and two emergency stop buttons	4 operation modes and 3 functional module: <ul style="list-style-type: none"> • manual, with speed limiter (no function module) • positioning automatic (low-energy P-function module) • servomatic (low-energy S-function module) • fully automatic, for heavy traffic use (full-energy A-function module)
Power (main) supply	100 - 240 V AC (+/- 10%) Power frequency 50/60 Hz	
Installation	On unfinished floor with floor ring: Stainless steel floor ring, can be fitted on site without welding, optionally with clamping flange, sealing foil (by contractor), floor pan or entrance mat	
Applications	Office buildings, retail, hotels, and commercial buildings	

OPTIONS

Manual night slide	Yes
Motorized night slide with multiple closing	Up to 3800 mm
Motorized night slide	Yes
Resistance class	Up to an internal diameter of 3800 mm (passage height limited to 3 m)
Door leaves/foldable	Up to an internal diameter of 3800 mm
Air curtain	Hot air (heated electrically or by means of warm water)
Increased canopy height	Up to 1000 mm



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