

KONE ROLL ONE HIGH-SPEED DOOR

For isolating any internal spaces from noise, dust, cold or hot air

KONE Roll One is a compact and silent high-speed door suitable for wide range of indoor applications. This reliable and economical door solution for goods flow ensures smooth and quiet operation and prevents dirt, dust, and air transfer between internal spaces. It is perfect for small to large retail areas that need partition of the spaces. Additionally, warehouses and catering areas would benefit from this door type.

KEY BENEFITS

- Cost effective solution for wide range of internal applications
- Safe and reliable with patented breakaway system that guarantees permanent operation of the door, ultra-resistant paint from scratches and dirt, self-supporting structure
- Ensures optimal sealing with the ground with thermal insulation corresponding to a glass thickness of 4 mm ($U = 5.7 \text{ W/m}^2 \text{ }^\circ$)
- Eco-efficient: 100% recyclable structure of the door, electronic control management system with eco standby mode function and energy saving motor
- Compliant with the latest European standards (EN 13241-1 and APSAD)



CURTAIN COLOR OPTIONS

		
9016	5015	1003
		
3002	6026	5002
		
1015	7038	9005



TECHNICAL SPECIFICATIONS	
Application	Internal door
Max. dimensions (H x W)	3000 x 3000 mm
Opening/closing speed	1 m/s
Operating temperature	>0 C°
Motor	Single-speed motor with stainless steel brake
Control unit	Tilting integrated control box to the right or separate ABS IP65
Power supply frequency	3-phase 240 V or 400 V
Protection class	IP55
BODY STRUCTURE (FRAME)	
Side frames and cover	Seamless galvanized steel with polyester powder finish and ultra-resistant paint preventing from scratches and dirt
Top roll	Galvanized, power coated or stainless steel
Top roll cover	
Motor cover	Plastic hood
CURTAIN	
Material	100% high tenacity polyester pre-stained canvas with coated PVC covered with a bi-face varnish, anti-dust and anti-corrosion finish. Curtain fabric meets fire-resistance requirements
Bottom profile	Soft PVC bottom edge
Colors	See curtain color options
Tracking system	Roll-up
Thermal insulation	5 W / m ² /C°
Flammability	Class C
Seals	Airtight seals between curtain, frame and hood
OPENING AND CLOSING CONTROLS	
Manual	Push-button, pull-cord switch, 3-button control box
Automatic	Induction loop detector, hand-held radio, radar, photocells
SAFETY	
Safety photocells	2 rows
Flashing alarm light	Flashing strobe lights 1 w
Protection class	Anti-crash breakaway system with automatic reinsertion

OPTIONAL FEATURES

- Only galvanized steel structure
- AISI 304 or 316 stainless steel structure
- Vision panel height: 600 mm
- Rows of oblong windows
- Logo, text or digital image on the curtain
- Separate control box for wet or corrosive environments
- Single-phase 230 V power supply
- Uninterruptible Power Supply (UPS)



Overhead inserted control box

www.kone.com

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