

KONE Fold Max high-speed door

FOR EFFICIENT GOODS FLOW INTO AND OUT OF LARGE DOORWAYS

KONE Fold Max is folding door solution designed specifically for external doorways with large dimensions. This durable and reliable solution offers high wind resistance, helps protect the building from dirt, dust, and noise, and reduces heating or cooling losses.

Versatile and durable

KONE Fold Max is ideal for optimizing goods flow in commercial buildings with large doorways. Available with a maximum clear opening dimension of up to 80 m², KONE Fold Max has a durable reinforced frame, while the heavy-duty curtain is designed to provide excellent protection against high winds and heavy rain.

Maximum safety

A wide range of standard features ensure safe operation and prevent injury to personnel or damage to vehicles. The soft bottom-edge technology minimizes impact, while built-in photocells prevent the door from closing if an obstruction is detected. In the unlikely event of a lifting-strap failure, safety straps prevent the curtain from falling. KONE Fold Max uses dual motors for optimal load distribution and safe operation of large, heavy door equipment.

Key benefits

- Durable solution for large external doorways
- Effective protection against noise, dirt, dust, wind, and rain
- Up to Class 2 wind resistance (EN 12424)
- Wide range of safety features included as standard
- Soft PVC bottom edge ensures tight seal with floor for maximum insulation
- Self-supporting reinforced steel frame with polyester powder-coated finish
- EN 13241-1 compliant

Standards compliance

	Standard	Result
Wind load	EN 12424	Class 2
Wind permeability	EN 12426	PND
Water permeability	EN 12425	PND
Thermal resistance	EN 12428	5.7
Mechanical resistance	EN 12604	Conformed
Safe openings	EN 12453	1 million



Product info

Technical specifications

Application	External door
Max. dimensions (H x W)	10000 x 8000 mm
Max. door area (H x W)	10600 x 9500 mm
Opening/closing speed	0.5 m/s
Operating temperature	-30 to +70 °C

Body structure (frame)

Side frames and cover	powder-coated or stainless steel
Top roll	powder-coated or stainless steel
Top roll cover	powder-coated or stainless steel
Motor cover	powder-coated or stainless steel

Curtain

Material	100% PVC-coated polyester
Bottom profile	soft PVC bottom edge
Colors	see Curtain color options to the right
Tracking system	roll-up
Thermal insulation	5 watts/m ² /°C
Flammability	Class C and Class D (EN 13501-1)

Motor	single-speed 0.75–4 kW
Control unit	independent from motor
Power supply frequency	3-phase 240 V or 400 V with ground
Protection class	IP55, optional IP65 protection available

Opening and closing controls

Manual	push-button, pull-cord switch, 3-button control box
Automatic	induction-loop detector, hand-held radio, radar, photocells

Safety

Inline photocells	4 pairs
Safety photocells	4 pairs
Flashing alarm light	included as standard
Fall-down protection	safety straps

Optional features

Interlock
Adjustable opening height
Semi-automatic mode
Full manual mode
Red traffic-light system
Audible alarm
Power-failure release: hand crank & counterweight on request
Stainless-steel control box
Double-skin curtain
Company logo or images on curtain

Curtain color options (RAL)

		
9016	5015	1003
		
3002	6026	5002
		
1015	7038	9005

Visibility options

