

KONE Fold high-speed door

FOR EFFICIENT, EFFORTLESS GOODS FLOW INTO AND OUT OF YOUR BUILDING

KONE Fold is a highly efficient folding door solution suitable for all external applications. As well as offering smooth, quiet operation, it also helps protect the building from dirt, dust, and noise. Its fast operation and durable weatherproof design also help reduce heating or cooling losses.

Eco-efficient and durable

KONE Fold is ideal for optimizing goods flow in commercial environments such as logistics centers and industrial units. Our advanced motor technology is highly energy efficient, while the durable curtain provides effective protection against extreme weather conditions such as high winds and heavy rain.

Maximum safety

KONE Fold includes flexible curtain guides for maximum safety and minimum downtime. To prevent personal injury or damage to vehicles, in the event of impact the flexible guides deform without damage and can be easily reinserted.

Key benefits

- Durable solution for all external applications
- Effective protection against noise, dirt, dust, and heating or cooling losses
- Up to Class 4 wind resistance (EN 12424)
- Flexible curtain guides deform without damage in case of impact
- Soft PVC bottom edge ensures tight seal with floor for maximum insulation
- Self-supporting galvanized steel frame with polyester powder-coated finish
- EN 13241-1 compliant

Standards compliance

	Standard	Result
Wind load	EN 12424	Class 4
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)	6000 x 6000 mm
Max. door area (H x W)	6700 x 6800 mm
Opening/closing speed	opening speed 1 m/s standard, 1.5 m/s optional (adjustable with frequency converter); closing speed 0.5 m/s
Operating temperature	-30 to +70 °C

Body structure (frame)

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

Curtain

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

Motor	dual-speed 0.75-1.1 kW
Control unit	independent from motor or integrated
Power supply	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	safety light curtain
Safety photocells	2 pairs, anti-lifting
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
Composite curtain tubes
Stainless-steel control box
ATEX compliance
Double-skin curtain
Company logo or images on curtain

Curtain color options (RAL)

		
9016	5015	1003
		
3002	6026	5002
		
1015	7038	9005

Visibility options

