

FlexiRun®

High speed self-repairing winding door



Standard

Rapid roll up door, type **FlexiRun®** is a new door concept where the speed is controlled and automatically adjusted. Main feature of the door is that even after being bumped and pushed off the side guides, it reinserts itself in the vertical guides. It is a perfect solution for Food industries, Cold rooms and Storage, Pharmaceutical, Chemical industries, etc

Optionals

COMPLETE ANTI-RUST SOLUTION: Door frame along with motor cover and control cable net, may be supplied in SS AISI 304 or 316.

FULL SIZE SEE-THROUGH SECTORS: Maximum light through a closed door ensured by high quality durable transparent PVC.

INFORMATIVE SERIGRAPHY, DIGITAL PRINT & LOGOS

Features

Full self-repairing curtain system

Rich list of standard supplied accessories: IP67 security Multi-point light barrier.

Emergency STOP push-button, Handle for manual emergency opening. Possibility to choose between different emergency opening systems.

Single phase inverter for speed, pre-wired controls and plug&play cabling, opening speed up to 2,5 m/s.

CURTAIN STANDARD COLOURS



TECHNICAL DATA

Application	inside/outside	
Maximum dimensions*	7000 L x 5600 H mm	clear opening width & height
Wind resistance	EN 12424 2000L x 5600 H mm 5000L x 5600 H mm 6000L x 5600 H mm 7000L x 5600 H mm	class 4 class 3 - up to class 4** class 2 - up to class 4** class 1
Operating speed	opening/closing	up to 2.5 m/sec 0.8 m/sec, adjustable
Range temperature	-30°C to +70°C maximum pos/neg temperature delta 40°C	additional accessories for operation at negative temperatures
Frame	EN 12604 galvanised steel stainless steel AISI 304 or 316 powder coated	standard optional optional
Roller	galvanised steel stainless steel AISI 304	standard optional
Control cabinet	IP55 metal, powder coated IP66 stainless steel AISI 304-316 PVC IP66	standard optional optional
Motor position	Lateral LH/RH Frontal LH/RH	standard optional
Curtain fabric	Polyvinyl chloride (PVC) PVC, isolated FDA Anti-static	standard 900g/m ² thickness 0.9 mm U 5.7 W/m ² K optional 1300g/m ² thickness 3.2mm U 3.9 W/m ² K optional approved for alimentary use U 5.7W/m ² K optional 1700g/m ² thickness 2mm U 5.6 W/m ² K
Windows	A row with portholes, each L 850 x H 300 mm customised measures	standard optional
Windows type	Transparent/mesh Mesh, with covers	standard/common use for ventilation optional/used during cold periods of the year
Control system	230V logic board, inverter based	standard
Positioning system	Absolute encoder Mechanical limit switches	standard optional
Drive unit	EN 12604 3-phase motor with active brake, IP55	standard
Safety devices	EN 12453 Multibeam barrier IP67 Flash light Anti-jam sensor Microwave radar	standard standard optional optional
Emergency opening	Hand crank counterbalance UPS	standard optional, with automatic or on-demand opening optional

*upon request , possibility of other dimensions** with door not in motion - not self-repairing ***possibility to have overall dimensions reduced

