

Dynamicroll Clean



Dynamicroll Clean High-speed doors are self-repairing, meaning that if the door curtain comes out of their guides (for example, in the event of impact with a forklift) the system will automatically reset the curtain back into the guide on the next close cycle.

Dynamicroll Clean columns are made from stainless steel. The motor is enclosed in the heading and comes as standard with a counter weight for emergency opening. Modular construction allows easy interchange of door parts.

At the heart of the Dynamicroll Clean door design is our innovative curtain edge that firmly holds the curtain into the side guides. If impacted, the curtain will release from the side guide and automatically reset on the next door cycle. Because there are no metal parts within the curtain design, damage is kept to a minimum. A double ballasted bottom edge ensures there is always a good seal to the floor.

Features & Benefits

- Up to 2.5 m/s opening speed
- 1 ph inverter drive control panels
- Self repairing curtain following impact
- Canopy and motor cover included
- 1300 g/m² PVC curtain
- 2 rows of vision as standard
- Frame and all covers are stainless steel as standard
- Simple modular design
- Counter weight as standard
- Quick lead times
- Proven reliable design
- Air permeability <12m³/m²h – 50Pa

Colours Options

1300gr/m² Colours



Insulated Cloth 3mm Colours



FDA Approved Cloth 1700gr/m² Colours



Technical and Operating Specifications

Application	Internal	Standard
	External	Standard
Speed	Maximum Opening Speed	2.5m/s, up to
	Maximum Closing Speed	0.8 m/s
Door Sizes	Maximum Width	4000mm
	Maximum Height	4000mm
Space Requirements for Fitting	Left Hand Side	230 mm
	Right Hand Side	230 mm
	Head Room Depending on size	450mm
Wind Class	4000 x 4000	Class 1
Curtain Weight	1300g/m ² PVC curtain	Standard
Curtain Colours	As per Options	Standard
Control Panel	Inverter controls built into frame	Standard
Controls	Proximity sensor and Stop	Standard
Operating Temperature	-30°C - +70°C	Heating Kits Optional Extra
Door Frame Construction	Stainless Steel	Standard
Guide Material	Self Lubricating Polyethylene	Standard
Power Supply	Single Phase and Earth 220v	16 Amp slow acting fuse
Supply Cable	Correct size to avoid power loss 2.5mm ²	As per Electrical Regulations
Column Covers	Stainless Steel	Standard
Barrel Cover	Stainless Steel	Standard
Motor Cover	Stainless Steel	Standard
Safety Edge	Heading Sensor	Standard
Photocell	Transmitter / Receiver Type	Standard
Vision Panels	2 Rows	Standard
Timed Close	Selected on Installation	0 – 200 secs
Limits	Digital Encoder	Standard
	Mechanical Limits	Optional
Emergency Opening	Counter weight	Standard
Self Repair	Curtain self repairs following impact	Optional

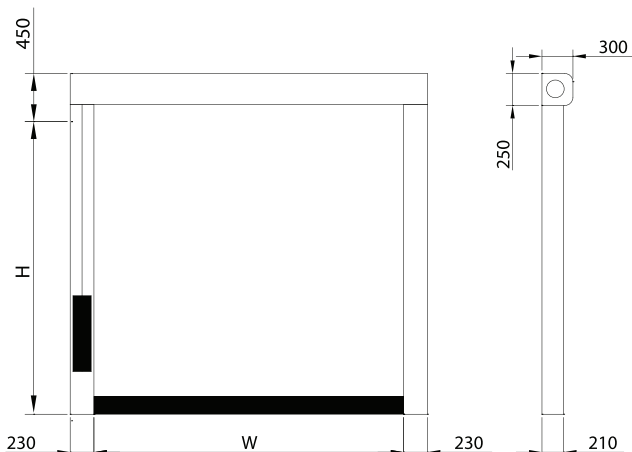
Optional Extras

Various vision panel designs	Radar sensors	LED traffic lights
Digital print onto the curtain	Safety light grid	Flashing warning light
Customer logos	Induction loop detectors	
Insulated curtain	Pull switch with optional gallows	
"T" cut emergency exit in the curtain	Proximity sensors	
UPS battery backup	Key switch	
Remote controls	Digital keypad	

Standards and Conformity

Mechanical Compliance	BS EN12604	
Resistance against Wind Pressure	DIN EN 12424 - 44	Class 1
Air Permeability	EN 12426 – 7	Class 3
Thermal Performance	EN 12428	5.82W/m ² K
Resistance to Water Penetration	EN12425 - 489	Class 3
Compliant to European Standard	EN13241	

Technical Drawings



Distributor Details

