

Dynamicroll Frigo



Dynamicroll Frigo 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 Frigo columns are made from galvanized steel, or can be custom-ordered in stainless steel and painted various RAL colours. Modular construction allows easy interchange of door parts.

At the heart of the Dynamicroll Frigo 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.

Features & Benefits

- Up to 1.5 m/s opening speed
- 1 ph inverter drive control panels
- Barrel diameter sensor in the heading
- Self repairing curtain following impact (optional)
- Canopy and motor cover included
- 900 g/m² curtain with 12 standard colours
- Frame and all covers are galvanized as standard
- Stainless steel or painted frames and covers (optional)
- Simple modular design
- Manual release handle as standard
- Quick lead times
- Proven reliable design
- Helps to reduce energy loss
- Heaters in side guides and warm air blower between curtains

Colours Options

900gr/m² Colours



Insulated Cloth 3mm Colours



Standard Frame Colours



Technical and Operating Specifications

Application	Internal	Standard
	External	Standard
Speed	Maximum Opening Speed	1.5 m/s
	Maximum Closing Speed	0.8 m/s
Door Sizes	Maximum Width	4000mm
	Maximum Height	5000mm
Space Requirements for Fitting	Side Mount Motor, Motor Side	330mm
	Non Motor Side	130mm
	Head Room	1000mm
Wind Class	4000 x 5000	Class 1
Curtain Weight	900g/m ²	Standard
Curtain Colours	As per Options	12 Colour Options as Standard
Control Panel	Inverter controls in a Steel case	Standard
Control Panel Dimensions	300w x 400h x 150d	Standard
Operating Temperature	-30°C - +70°C	Heating Kits Optional Extra
Door Frame Construction	Galvanised Steel	Standard
Guide Material	Self Lubricating Polyethylene	Standard
Power Supply	Single Phase and Earth 220v	20 Amp slow acting fuse
Supply Cable	Correct size to avoid power loss 2.5mm ²	As per Electrical Regulations
Column Covers	Galvanised	Standard
Barrel Cover	Galvanised	Standard
Motor Cover	Galvanised	Standard
Safety Edge	Wireless Resistive	Optional
	Heading Sensor	Standard
Photocell	Transmitter / Receiver Type	Standard
Vision Panels	N/A	N/A
Timed Close	Selected on Installation	0 – 200 secs
Limits	Digital Encoder	Standard
	Mechanical Limits	Optional
Emergency Opening	Hand Crank to the Bottom of the motor	Standard
Self Repair	Curtain self repairs following impact	Optional

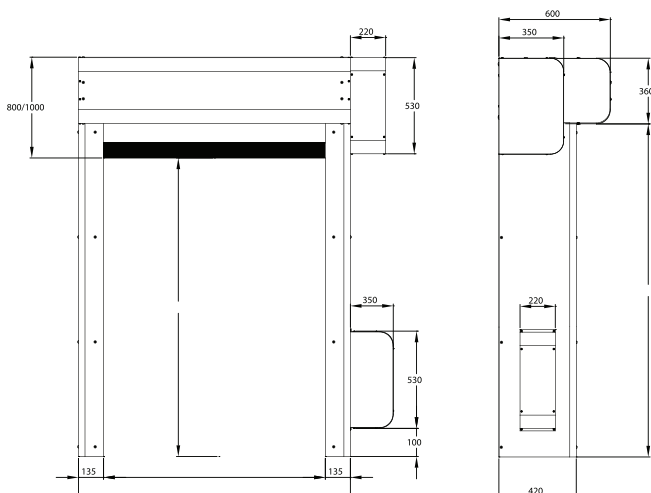
Optional Extras

Various vision panel designs	Remote controls	Digital keypad
Digital print onto the curtain	Radar sensors	LED traffic lights
Customer logos	Safety light grid	Flashing warning light
Insulated curtain	Induction loop detectors	Heating kits to guides and motors
Stainless steel frame	Pull switch with optional gallows	
Powder coated frame	Proximity sensors	
UPS battery backup	Key switch	

Standards and Conformity

Mechanical Compliance	BS EN12604	
Resistance against Wind Pressure	DIN EN 12424 - 44	Class 1
Air Permeability	EN 12426 – 7	Class 2
Thermal Performance	EN 12428	2.52W/m ² K
Resistance to Water Penetration	EN12425 - 489	Class 3
Compliant to European Standard	EN13241	

Technical Drawings



Distributor Details

