

# Dynamicroll Food



**Dynamicroll Food 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 Food columns are made from stainless steel. These doors are designed for internal applications where hygiene is essential. Modular construction allows easy interchange of door parts.

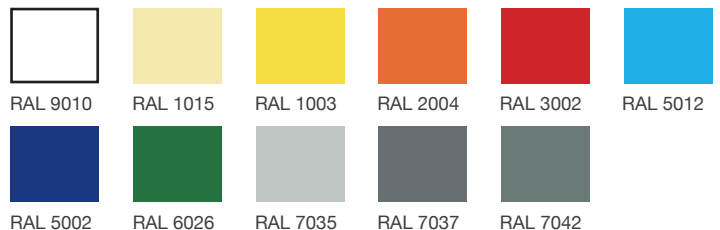
At the heart of the Dynamicroll Food door design is our innovative curtain edge that firmly holds the curtain into the side guides. If impacted, the curtain will release from the side guide and automatically reset on the next door cycle. Because there are no metal parts within the curtain design, damage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

## Features & Benefits

- Up to 2.5 m/s opening speed
- 1 ph inverter drive control panels
- Wireless resistive safety edge
- Barrel diameter sensor in the heading for wet environments
- Self repairing curtain following impact
- Canopy and motor cover included
- 1300 g/m<sup>2</sup> curtain with 12 standard colours
- 2 rows of vision as standard
- Frame and all covers are stainless steel AISI 304
- Simple modular design
- Manual release handle as standard
- Quick lead times
- Proven reliable design
- Helps to reduce heat loss and vermin

## Colours Options

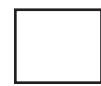
### 1300gr/m<sup>2</sup> Colours



### Insulated Cloth 3mm Colours



### FDA Approved Cloth 1700gr/m<sup>2</sup> Colours



## Technical and Operating Specifications

<b>Application</b>	Internal	Standard
<b>Speed</b>	Maximum Opening Speed	2 m/s
	Maximum Closing Speed	0.8 m/s
<b>Door Sizes</b>	Maximum Width	4500mm
	Maximum Height	4500mm
<b>Space Requirements for Fitting</b>	Front Mount Motor	90mm
	Side Mount Motor, Motor Side	290mm
	Non Motor Side	90mm
	Head Room Depending on size	450mm / 500mm
<b>Wind Class</b>	4500 x 4500	Class 1
<b>Curtain Weight</b>	1300g/m <sup>2</sup>	Standard
<b>Curtain Colours</b>	As per Options	12 Colour Options as Standard
<b>Control Panel</b>	Inverter controls in a Stainless Steel case	Standard
<b>Control Panel Dimensions</b>	300w x 400h x 150d	Standard
<b>Operating Temperature</b>	-30°C - +70°C	Heating Kits Optional Extra
<b>Door Frame Construction</b>	Stainless Steel	Standard
<b>Guide Material</b>	Self Lubricating Polyethylene	Standard
<b>Power Supply</b>	Single Phase and Earth 220v	16 Amp slow acting fuse
<b>Supply Cable</b>	Correct size to avoid power loss 2.5mm <sup>2</sup>	As per Electrical Regulations
<b>Column Covers</b>	Stainless Steel	Standard
<b>Barrel Cover</b>	Stainless Steel	Standard
<b>Motor Cover</b>	Stainless Steel	Standard
<b>Safety Edge</b>	Wireless Resistive	Option
	Heading Sensor	Standard
<b>Photocell</b>	Transmitter / Receiver Type	Standard
<b>Vision Panels</b>	2 Rows	Standard
<b>Timed Close</b>	Selected on Installation	0 – 200 secs
<b>Limits</b>	Digital Encoder	Standard
	Mechanical Limits	Optional
<b>Emergency Opening</b>	Hand Crank to the Bottom of the motor	Standard

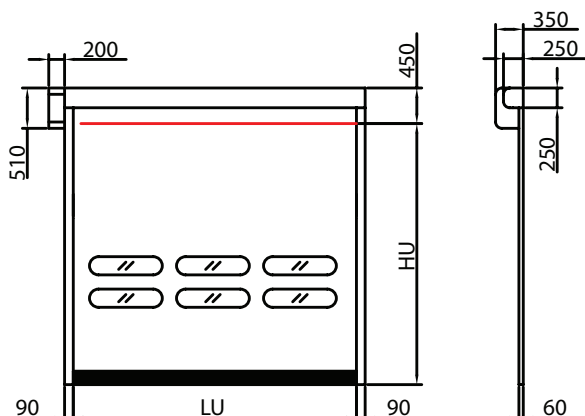
### Optional Extras

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	Heating kits to guides
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

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

## Technical Drawings



### Distributor Details

