

Ulti EX5 SP

ALL WEATHER RAPID DOOR FOR INTENSIVE USE IN EXTREME CONDITIONS

The Ulti EX5 SP is the fastest, toughest, and most versatile rapid door, enabling greater productivity and maintenance savings at your critical access ways.

Ultra High Speed

With opening speeds of up to 3.0m/s the Ulti EX5 SP is one of the fastest doors available. Couple that with next-gen curtain drive technology, and superior seal, and you have the Ulti EX5 SP enabling non-stop production and loading activities, in even the harshest of weather conditions.

Extra Strong

With wind resistance up to Class 5, next-gen curtain drive technology pushing the curtain down, and a unique reinforced track design, the Ulti EX5 SP easily protects your facility against wind, rain, and other weather extremes. Giving you peace of mind that your facility is in safe hands, and can remain fully operational in strong winds.



Ideal for use in

- Food Hygiene Areas
- Conveyor Openings
- Airlocks
- Machine Guarding
- High Wind Areas

Low Maintenance

With a self-lubricating and self-repair track design, and unique curtain drive technology, the Ulti EX5 SP is low maintenance. If the curtain is knocked from the side guides, the curtain will automatically reinsert itself in the track - No production downtime, no repair costs.

The Ulti EX5 SP has no springs, and less moving parts, with a patented wheel-less, spiral track system. This no-contact spiral technology means there is no wear on the door sections, ensuring a great long-lasting appearance, and eliminating the transfer of dirt and grime from one part of the curtain to another. The self-lubricating guides also eliminate the need for any lubricant based servicing for easy cleaning.

Versatile

The Ulti EX5 SP has no ballast, and instead next-gen curtain drive technology pushes the curtain down, allowing the Ulti EX5 to be installed in a range of applications, both externally and internally.

Multi-Industry Applications

The Ulti EX5 SP outperforms traditional door types in every industry. It can be applied to harsh industrial environments through to high-end laboratory airlocks. The Insulated Curtain option means this door can be used in chilled or heated areas, preventing condensation and retaining temperatures, and the high wind load rating makes it perfect for positive pressure environments.



STANDARD COMPLIANCE

Wind Permeability	Class 1	Water Permeability	Class 3
Wind Loading	Class 5 (< 4500mm H x 4500mm W) Class 4 (> 4500mm H x 4500mm W)	Acoustic Performance	18dB
Thermal Transmittance	5.8W/m ² K	Safe Openings	Yes
Pressure Differential	Up to 60Pa		

TECHNICAL SPECIFICATIONS

Application	Internal/External
Standard Size	4000mm H x 3500mm W
Minimum Size	600mm H x 500mm W
Maximum Size	5000mm H x 5000mm W
Opening Speed	Up to 3m/s - variable
Closing Speed	0.8m/s - variable
Operating Temperature	-20 to +50°C (< 0°C require insulated curtain + heated frame)

STRUCTURE

Material	Galvanised Steel
Colour	Galvanised

SPACE REQUIREMENTS

minimum clearances

Headroom	570mm
Sideroom	300mm (motor side), 175mm (non-motor side)

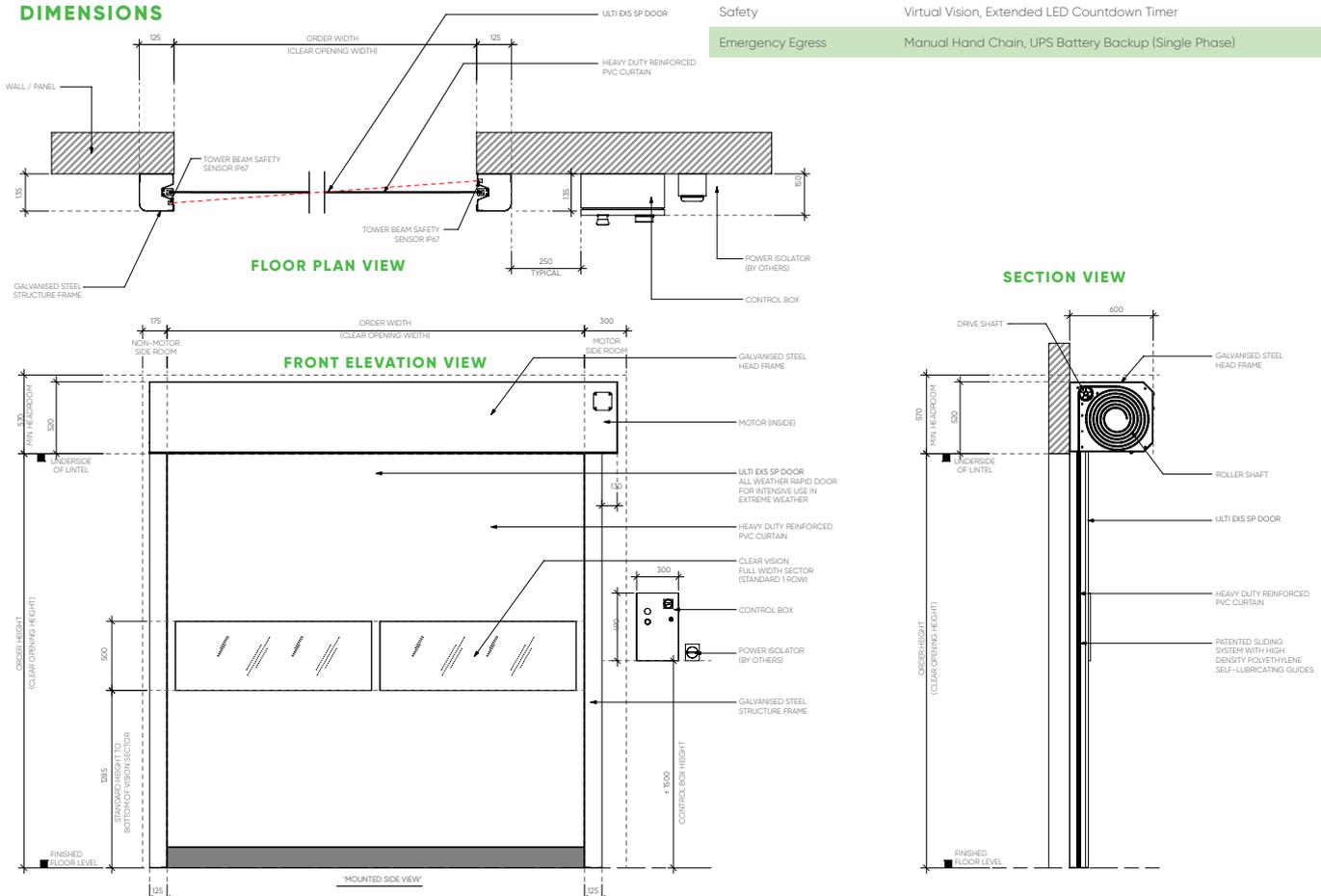
CURTAIN

Material	Heavy Duty Reinforced PVC Curtain
Colour	RAL6018 (Standard), RAL1003, RAL1015, RAL2004, RAL3002, RAL5002, RAL5012, RAL6026, RAL7035, RAL7037, RAL7042, RAL9010
Vision Panels	1 row of full-width clear-vision sector

MOTORISATION

Motor	IP54 rated 1.5kW Heavy Duty 3phase Motor Drive & electromagnetic brake
Motor Position	RH Side
Control Panel	IP54 rated Metal Control box with inverter frequency controller - RH mounted
Power Supply	400V; 3phase+N+E; 15Amp Rated adjacent to control box installed to right hand side

DIMENSIONS



ACTIVATIONS

Manual	Push button and Emergency stop button fitted to control box Manual Push button
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SAFETY

Standard Inclusions	Soft PVC Bottom Edge LED Countdown Timer in Control box 2000mm high Tower Beam Safety Sensors IP67 when door height >2500mm
Emergency Egress	Manual Hand Crank

STANDARD INCLUSIONS

Patented automatic reefed system Wind load operating capacity: 100 Km/h Encoder Control Patented sliding system with high-density polyethylene, self-lubricating guides Perimeter seal system

WARRANTY

12 Months or 100,000 Cycles *Std Warranty terms and conditions apply

OPTIONAL FEATURES

Activations	All Ulti Activation options can be applied Buttons integrated into the column on the motor side Proximity sensor integrated into the column on the motor side
Motorisation	IP65 Rated 1.5kW Motor with Stainless Brake (for corrosive applications)
Control Panel	IP54 Corrosion Resistant AISI:304 Stainless Steel
Mounting Options	LH Power Supply, Custom Control Box Position, LH Control Box, LH Motor, Piggy Back Mounting Frame Design
Power Supply	Single phase 240V 50Hz control box for door sizes <20m ²
Frame Material	Corrosion Resistant AISI:316 Stainless Steel
Heated Frame	240V door legs and motor heat tracing for freezer applications (additional 10Amp power supply isolator required)
Frame Colours	RAL3000, RAL5010, RAL7037, RAL9005, RAL9010, RAL colours of your choice
Curtain Design	Custom Printed Curtain - Full curtain printing with photo or logo Food Grade Curtain - FDA Approved in RAL9010; 1700gr/m ² High-gloss embossed, flame retardant Translucent Reinforced PVC Curtain according to DIN 75 2000 - 900gr/m ² ; light transmission: 35%; cold resistance: -30°C; heat resistance +70°C
Curtain Colour	RAL5010, RAL8014, RAL8017, RAL9005, RAL9006
Insulated Curtain	7mm 3.3W/m ² k RAL1003, RAL2004, RAL3002, RAL5002, RAL7035, RAL9010 Vision Panels not available
Vision Panels	2 or 3 Rows, Custom rows and sizes available, Full Vision
Ventilated Panels	1, 2, or 3 Rows, Custom rows available, Full Ventilated
Safety	Virtual Vision, Extended LED Countdown Timer
Emergency Egress	Manual Hand Chain, UPS Battery Backup (Single Phase)