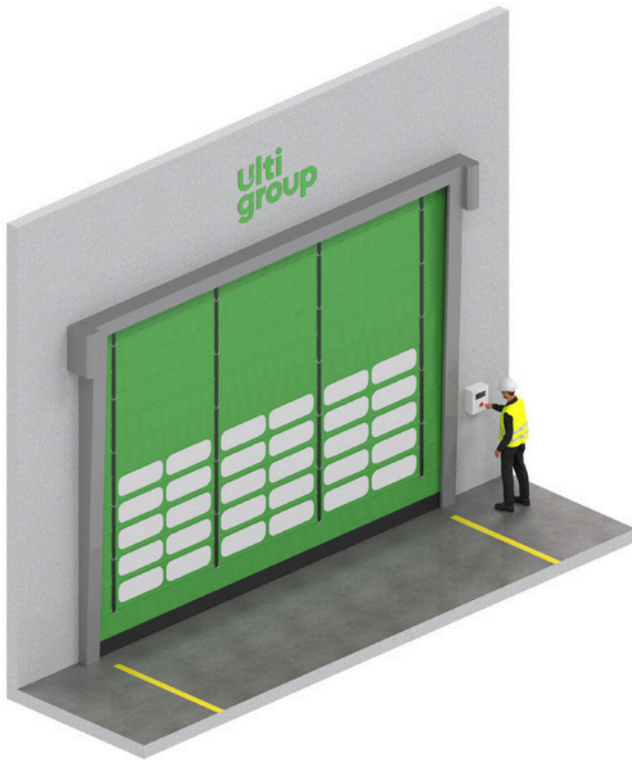


HIGH STRENGTH DOOR SYSTEM FOR LARGE OPENINGS



The Ulti Fold door is ideal for situations where both reasonable speed and high wind strength are required for frequent access. Providing a simple, safe, reliable solution to control environments for larger openings traditionally left without doors or using inefficient slow doors.

Large Span

Turn your large openings into responsive openings with the Ulti Fold, spanning up to 6m wide and 8m high openings. Allows control of dust, birds and/or personnel in areas requiring access for large vehicles or similar e.g. truck loading canopies.

Strength Where It Matters

Exterior building doors need to be immensely strong to endure NZ's high winds, harsh storms or other severe environmental conditions, and the Ulti Fold has been designed to withstand them all, with a wind speed rating of up to 160km/h.

Ideal for use in

- Warehouses
- Distribution Centres
- Manufacturing Facilities
- Printing Companies
- Logistics
- Dust Control
- 'Big-box' Retail
- Fertiliser storage
- Washdown areas
- External applications
- Mining and Quarries

Safety Where It Matters

Height adjustable photocells detect traffic and reverse closing door, and vision panels can be added to enhance visibility when closed or opening, maximising safety to prevent personnel harm and vehicle damage.

Speed Where It Matters

Reduced waiting times for doors to open and close increases productivity and efficiency in your facility with the Ulti Fold. Prompt closing of openings after use ensures maximum environmental control benefit.

Robust Versatility

The Ulti Fold can be widely applied, and offers enhancements to ensure it continues to perform reliably even in harsh environments such as fertiliser storage or areas exposed to salt laden air. The industry work horse continues to deliver value in tough conditions.



STANDARD COMPLIANCE

Air Permeability	Class 0 (Not Tested)	Water Permeability	Class 1
Wind Loading	Class 3 (up to Class 5)	Thermal Transmittance	6.02 W/m²K
Safe Openings	Yes	Pressure Differential	Up to 60Pa

TECHNICAL SPECIFICATIONS

Application	Internal/External
Standard Size	5000mm W x 5000mm H
Minimum Size	3000mm W x 3000mm H
Maximum Size	6000mm W x 8000mm H
Opening Speed	up to 1.0m/s
Closing Speed	up to 1.0m/s
Operating Temperature	0°C to +50°C

STRUCTURE

Frame Material	Galvanised Steel
Frame Colour	Galvanised

CURTAIN

Material	900gsm Reinforced PVC Curtain
Curtain Colour	RAL6018 (standard), RAL1003, RAL1015, RAL2004, RAL3002, RAL5002, RAL5010, RAL5012, RAL6026, RAL7035, RAL7037, RAL7042, RAL8014, RAL8017, RAL9005, RAL9006, RAL9010
Support	Galvanised Steel Wind Strengthening Bars within curtain
Vision Panels	2 rows of clear-vision panels

SPACE REQUIREMENTS

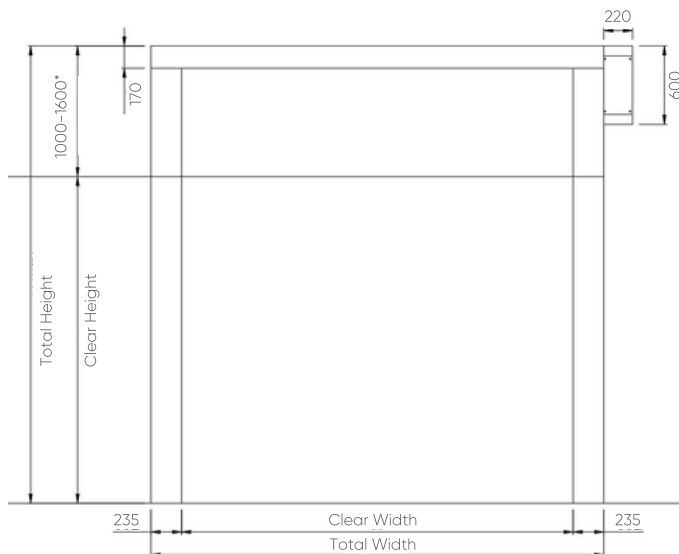
minimum clearances

Headroom	1050-1650mm (size dependant*)
Sideroom	505mm (motor side), 285mm (non-motor side)

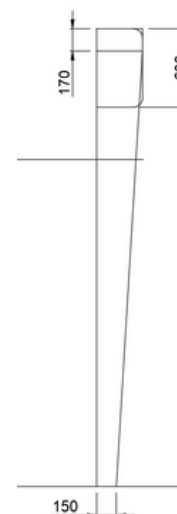
DIMENSIONS



FLOOR PLAN VIEW



FRONT ELEVATION VIEW



SIDE ELEVATION VIEW

MOTORISATION

Motor	IP54 rated 1.5kW Heavy Duty 3phase Motor Drive and electromagnetic brake
Motor Position	Single RH Side < 30m2, Both Sides > 30m2
Control Panel	IP54 rated Metal Control box with inverter frequency controller – RH mounted
Power Supply	400V; 3phase+N+E; 16Amp Rated adjacent to control box installed to right hand side

ACTIVATIONS

Push button fitted to control box

STANDARD SAFETY INCLUSIONS

2 sets of Infrared Photocell Safety beams IP65 Soft PVC Bottom Edge LED Countdown Timer in Control box	
Manual Opening	Manual Hand Crank

STANDARD INCLUSIONS

Tapered Leg frame and motor cover in galvanised finish Encoder control Performance Rated to 1,000,000 cycles

WARRANTY

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

Activations	All Ulti Activation options can be applied
Motorisation	IP65 Rated 1.5kw Motor with Stainless Brake (for corrosive applications)
Mounting Options	LH Power Supply, Custom Control Box Position, LH Control Box, LH Motor, Front Mount Motor
Frame Material	Corrosion Resistant AISI:304 Stainless Steel
Frame Colours	RAL3000, RAL5010, RAL6005, RAL7037, RAL9005, RAL9010, Custom
Curtain Colours	See Door Colour Chart for optional colours
Curtain Material	Antistatic Reinforced PVC Curtain – 1700gr/m2; low flammability; cold resistance: -30°C; heat resistance +70°C (available in RAL2004, RAL5010, RAL7038)
Vision Panels	1 or 3 rows, custom rows available
Ventilated Panels	1, 2, or 3 rows, custom rows available
Manual Operation	Manual Hand Chain, Counter balance manual release
Safety	Virtual Vision, LED-Pre Announce, LED Push Buttons, Remote LED Countdown Timer, 2500mm Light Curtain Sensors IP67
Optional Inclusions	Custom Printed Curtain – logo Increased Wind Loading – up to Class 5