

Ulti Roll Food

FAST, WASHDOWN, HYGIENIC; THE ULTI-MATE RAPID DOOR FOR FOOD PROCESSORS



The Ulti Roll Food is a high speed, crash-resistant, washable, low maintenance, safe PVC fabric door, designed to meet the stringent hygienic and wash-down requirements of the NZ food processing industry.

Ulti-mate Hygiene

The Ulti Roll Food door is specifically designed to meet the needs of Food Processing facilities. With a unique FDA approved Food Grade PVC curtain, stainless steel frames, and specially designed frame system and sloped hood to prevent the build-up of dust or liquid - the entire door is fully washable.

Ideal for use in

- Washdown Areas
- Highly Corrosive Applications
- Food Processing
- Hygienic environments
- Mortuary/Crematorium
- Pharmaceutical
- Hospital
- Laboratories
- Chemical

Speed Where it Matters

The Ulti Roll Food has an opening speed of up to 2.7m/second. These fast cycle times mean the door opens quickly and remains open for the minimum time required, maximising productivity, and decreasing the chance of contamination.

Low Maintenance

At the heart of the Ulti Roll Food door design is the innovative curtain edge that firmly holds the curtain into the side guides. The edge of the curtain has continuous injection-moulded teeth that are held in a self-lubricating polyethylene track, meaning no chemicals needed for washing and maintenance, and in the event of an impact, unzips, and moves away from the impact. Because there are no metal parts within the curtain design, damage is also kept to a minimum.

Space Saving

The compact frame design means that the Ulti Roll Food uses significantly less floor area and wall space than the traditional hinged or sliding doors previously used in hygiene critical environments, making it a smart choice.

Touchfree

With contactless activations, the Ulti Roll Food is simple and easy to use. It not only prevents cross-contamination by eliminating the need to push any buttons or use handles, but it is also glove-friendly which increases efficiencies and productivity.



STANDARD COMPLIANCE

Water Permeability	Class 1	Wind Permeability	Class 1
Pressure Differential	Up to 50Pa	Safe Openings	Yes
Thermal Resistance	5.27 W/m ² k	Accoustic Rating	16dB
Wind Loading	Up to Class 4 5000 x 5000 = Class 3		

TECHNICAL SPECIFICATIONS

Application	Internal only
Standard Size	3500mm H x 2000mm W
Minimum Size	600mm H x 500mm W
Maximum Size	6500mm H x 6500mm W
Opening Speed	Up to 2.7m/s – variable
Closing Speed	0.8m/s – variable
Operating Temperature	-10°C to +50°C (<0°C requires heated frame)

FRAME

Material	Stainless steel AISI:316 frame structure and AISI:304 Drive drum
Colour	Stainless Steel

SPACE REQUIREMENTS

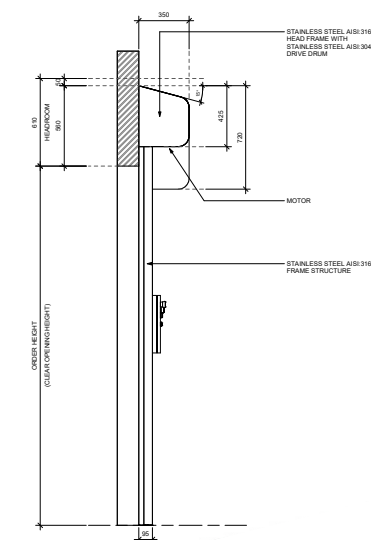
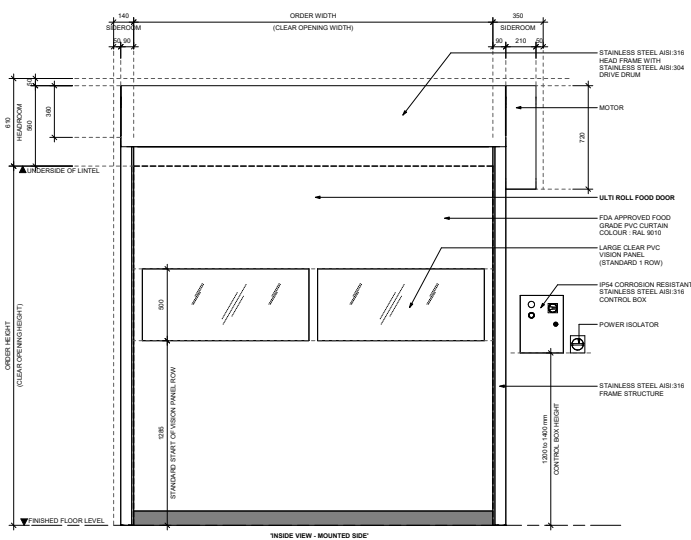
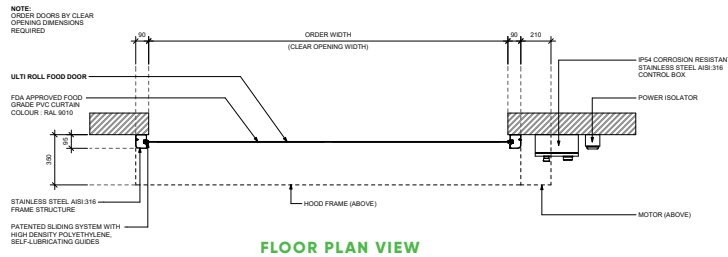
minimum clearances

Headroom	610mm
Sideroom	350mm (motor side), 140mm (non-motor side)

CURTAIN

Material	Food Grade Curtain – FDA approved (1700gr/m ²)
Colour	RAL9010
Vision Panels	1 row of large clear-vision panels

DIMENSIONS



MOTORISATION

Motor	IP65 Rated 1.5kw Motor with Stainless Brake (for corrosive applications)
Motor Position	RH Side
Control Panel	IP54 Corrosion Resistant AISI:304 Stainless Steel with inverter frequency controller
Power Supply	240V; single phase; 15Amp Rated adjacent to control box installed to right hand side

ACTIVATIONS

Manual	Proximity sensor on control box Proximity sensor activation on both sides of door
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SAFETY

Standard Inclusions	1 Set of Infrared Photocell Safety beams IP65 Soft PVC Bottom Edge Reversing Sensor system for obstructions to door curtain
Emergency Egress	Manual hand crank

WARRANTY

12 Months or 100,000 Cycles

STANDARD INCLUSIONS

Leg cover, hood cover and motor cover in AISI:316 stainless steel Sloped Hood cover for washdown applications Patented sliding system with high-density polyethylene, self-lubricating guides Perimeter seal system Re-feed slot in guides Encoder control Performance rated to 1,000,000 cycles
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OPTIONAL FEATURES

Activations	All Ulti activation options can be applied
Mounting Options	LH Power Supply, Custom Control Box Position, LH Control Box, LH Motor
Power Supply	9m ² < door size <25m ² – require heavy-duty single phase 240V 50Hz Control box 400V; 3phase+N+E; 15Amp Rated adjacent to Control box
Vision Panels	2 rows, custom rows available
Emergency Egress	UPS battery backup (single phase)
Other Features	Custom Printed Curtain Heated Frame – 240V Heat tracing for Door Legs and Motor for Freezer Applications (additional 10Amp power supply isolator is required)