# Ulti Flex Single Slide

## HIGH PERFORMANCE ___
## SLIDING FREEZER DOOR

The Ulti Flex Single Slide door is the benchmark for cold storage doorways. Reliable and rugged, efficient and energy conserving, speedy and safe, it will save you energy and improve efficiencies while reducing maintenance costs at the same time.

### Speed Where It Matters

With opening and closing speeds of up to 2m/s, this is one of the fastest insulated freezer doors available, reducing cycle times and maximising productivity at your facility. Quick operation of the door enables you to maintain temperature control in your facility at all times.

### Energy Saving

The Ulti Flex Single Slide door has excellent high performance thermal insulation which allows you to maximise your energy savings through the doorways at your coldstorage facility by preventing warm/cold air transfer and eliminating ice and moisture build up on the door.

### Ideal for use in

— Limited side room on one side of the door
— Cold Stores
— Logistics
— Distribution Centres
— Freezer Rooms

### Low Maintenance

The panel of the Ulti Flex Single Slide door can flex and twist to absorb a high percentage of accidental forklift collisions yet still return quickly to its original shape. Greater impactability equals less downtime and reduced maintenance costs.

### Space Saving

The Ulti Flex Single Slide door system is truly a one door system. In addition to the cost efficiency, this door has a very small footprint as it removes the need for an igloo, saving you valuable ELA or corridor space.

### Safety Where It Matters

By reducing ice build up, the Ulti Flex Single Slide door protects what matters in your facility by allowing a dry floor which in turn protects your people, product and facility from harm.

## STANDARD COMPLIANCE

| | | | |
|---|---|---|---|
| Water Permeability | Class 1 | Wind Permeability | Class 4 |
| Wind Loading | Class 2 | Safe Openings | Yes |
| Thermal Transmittance | 0.23 W/m2K | Acoustic Performance | 32dB |
| Pressure Differential | Up to 20Pa | | |

## TECHNICAL SPECIFICATIONS

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|---|---|
| Application | Internal & External |
| Standard Size | 3600mm H x 2400mm W |
| Minimum Size | 2000mm H x 1200mm W |
| Maximum Size | 5400mm H x 3500mm W |
| Opening Speed | up to 1.5 m/s |
| Closing Speed | 1m/s |
| Operating Temperature | -40C to +50C |

## FRAME

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| Material | Aluminium surround frame |
| Colour | Mill Finish Aluminium |

## SPACE REQUIREMENTS
### minimum clearances

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| Headroom | 570mm |
| Sideroom | DOW + 425mm (motor side), 255mm (non-motor side) |

## CURTAIN

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| Material | 150mm Panel leaf with Fibreglass reinforced frame system and high density foam with reinforced PVC outer |
| Colour | RAL6018 (Standard), RAL1003, RAL2004, RAL5002, RAL7042 |

## MOTORISATION

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|---|---|
| Motor | IP54 rated 1.1kW Heavy Duty 3phase Motor Drive and electromagnetic brake |
| Motor Position | Centre Front |
| Control Panel | IP54 rated ABS Plastic with inverter frequency controller |
| Power Supply | 400V; 3phase+N+E; 15Amp Rated adjacent to control box installed to right hand side |
| Heating Power Supply | 230V; Single Phase; 20Amp |

## ACTIVATIONS

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| Manual | Large Heavy-duty Mushroom Head push button Push button and Emergency stop button fitted to control box |

## SAFETY

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| Standard Inclusions | 2 Sets of Infrared Photocell Safety beams IP65 |
| Emergency Egress | Manual Slide Open |

## WARRANTY

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

## STANDARD INCLUSIONS

Heating System incorporated in both door frame and door panel
Nylon reinforced neoprene perimeter seal system
Touchscreen interface on control box
Hood Cover in Coloursteel Titania
Proprietary Panel Floor Guides
Personnel Safety Barrier

## OPTIONAL FEATURES

| | |
|---|---|
| Activations | All Ulti activation options |
| Control Panel | IP54 Corrosion Resistant AISI:304 Stainless Steel |
| Mounting Options | LH Power Supply, Custom Control Box Position, LH Control Box |
| Safety | Virtual Vision Extended LED Countdown Timer Safety Reversing Edge for leading edges Safety Reversing Edge for rear of panel |
| Other Features | Secure Locking Device Upgrade for cold side door mounting Wind Locks Thermal isolation mounting system - recommended for retrofit |

## DIMENSIONS



**FRONT ELEVATION VIEW**



**FLOOR PLAN VIEW**