

Ulti Roll Car Wash

WATER-RESISTANT HIGH SPEED DOOR SYSTEM

The Ulti Roll Car Wash is a premium high speed PVC curtain door, designed to meet the needs of car washes, or similar applications sustaining regular direct contact with water and wash-down chemicals.

Superior Resistance

With a high wind load rating and compact design, this unique PVC high speed door is designed to withstand the harsh outdoor environment. And with frames in AISI:316 stainless steel, it is easy to keep clean and looking sharp, while being super resistant to oxidation. It is also resistant to water and has a high degree of electrical protection, with an IP65 rating.

Speed Where It Matters

The Ulti Roll Car Wash has a standard opening speed of up to 2.0m/second. These world-class cycle times ensure the door opens quickly, and remains open for the minimum time required, outperforming any approaching traffic and thus minimising the chance of impacts.

Ideal for use in

- External environments
- Non-hygiene wash-down areas
- Car Washes
- Showroom vehicle wash bays
- Steam cleaning rooms
- Swimming pool facilities
- Industrial areas requiring thorough cleaning
- Wet areas
- Aquariums

Robust Durability

Robust Durability

At the heart of the Ulti Roll Car Wash design is the innovative curtain edge that firmly holds the curtain into the side guides. The Ulti Roll Car Wash curtain is made of reinforced PVC, with a flexible weighted soft bottom edge. The edge of the curtain has a continuous injection moulded profile that allows rapid movement within the self-lubricating polyethylene track and with no metal parts within the curtain design, the soft bottom edge significantly enhances safety and minimises damage if any impact occurs.

Self Repairing

If an accidental impact occurs, the door curtain will automatically release from the retention guides, and can then be easily restored, minimising downtime and service calls.



STANDARD COMPLIANCE

Wind Permeability	Class 4	Water Permeability	Class 1
Wind Loading	Up to Class 4 5000 x 5000 = Class 2	Acoustic Performance	Rw= 17.5dB w/ 7mm insulated curtain
Thermal Transmittance	6.02 W/m²k	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	6000mm H x 6000mm W
Opening Speed	Up to 2.5m/second - variable
Closing Speed	0.8m/second - variable
Operating Temperature	0°C to +50°C

STRUCTURE

Material	Corrosion Resistant AISI:316 Stainless Steel
Colour	Stainless Steel

SPACE REQUIREMENTS

minimum clearances

Headroom	600mm
Sideroom	385mm (motor side), 175mm (non-motor side)

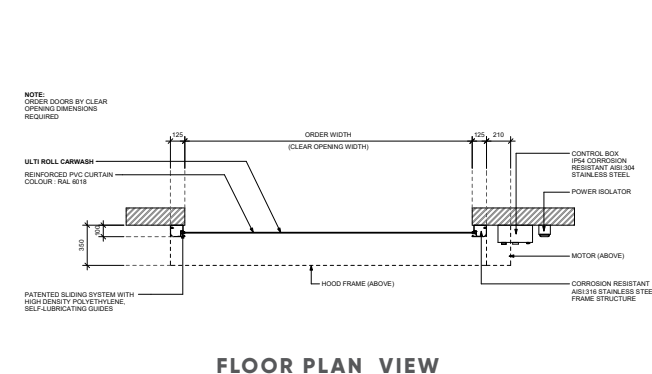
CURTAIN

Material	Reinforced PVC Curtain
Colour	RAL6018(Standard), RAL1003, RAL5002, RAL7042, RAL9010
Vision Panels	1 row of large clear-vision panels

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
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 Reversing sensor system for door curtain obstructions
>2500mm High Doors	2000mm H tower beam safety sensors IP67
<2500mm High Doors	Infrared photocell safety beams IP65
Emergency Egress	Manual Hand Crank

STANDARD INCLUSIONS

Leg cover, hood cover, and motor cover in AISI:316 Stainless Steel Patented sliding system with high-density polyethylene, self-lubricating guides Perimeter seal system Refueled slot in guides when < 3500mm wide Encoder control Performance rated to 1,000,000 cycles
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WARRANTY

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

OPTIONAL FEATURES

Activations	All Ulti activation options can be applied
Mounting Options	LH Power Supply, LH Control Box, LH Motor, Custom Control Box Position Front mount motor reduces sideroom required to 150mm
Low Clearance Options	Compact header unit reduces headroom required to 500mm for doors <3000mm high
Power Supply	Single phase 240V 50Hz control box for door sizes <9m²
Curtain Colours	RAL2008, RAL3000, RAL3004, RAL3020, RAL5005, RAL5011, RAL5013, RAL5015, RAL5021, RAL6005, RAL7038, RAL8017, RAL9005
Insulated Curtain	3.5mm PVC (4.0W/m²k) - RAL5002, RAL7042, RAL9003 Clear Vision Panels not available 7mm PVC (3.3W/m²k) - RAL1003, RAL5002 Clear Vision Panels not available
Vision Panels	Vision Panel - 2 or 3 rows, Custom rows available,, Full Vision Curtain
Safety	Virtual Vision Extended LED Countdown Timer LED Pre-Announce
Emergency Egress	Counter Balance Manual Release Zipper Break-Out UPS Battery Backup (Single Phase)
Other Features	Custom printed curtain Upgrade guides for high wind retention

