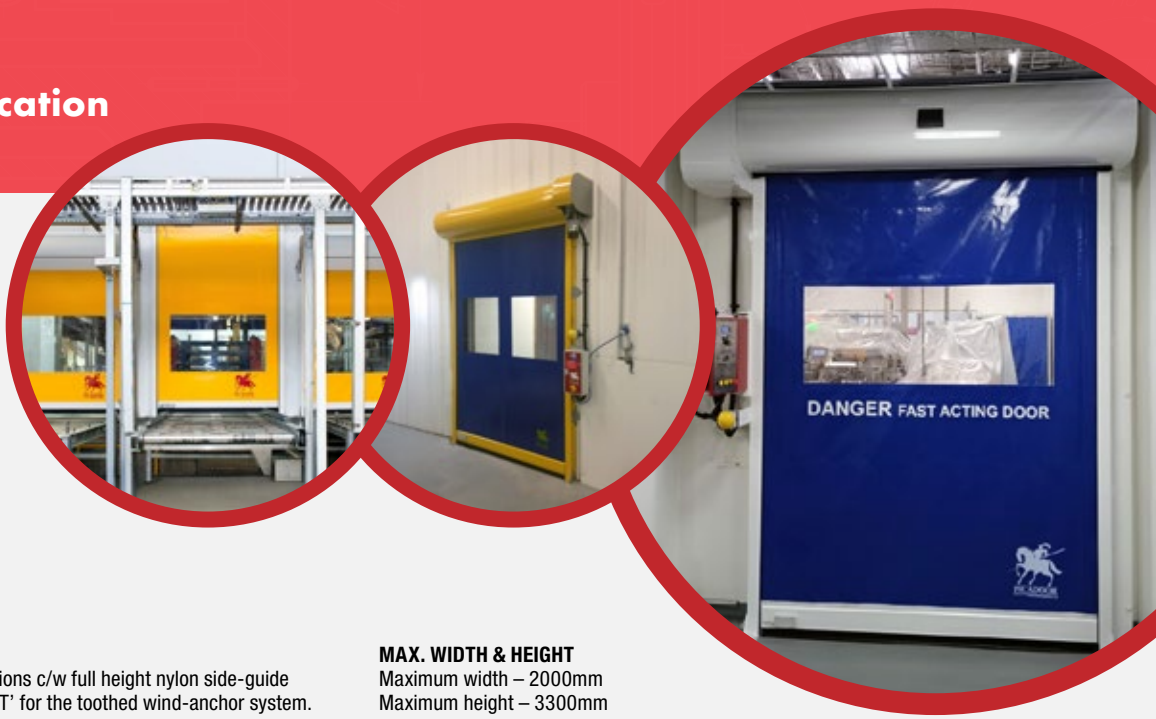
PICADOOR
Standard Specification



PICADOOR

COLUMNS & SIDE GUIDES
High-grade 6063-T6 aluminium extrusions c/w full height nylon side-guide inserts which are machined to form a 'T' for the toothed wind-anchor system.

TOP ROLLER
High-grade 6063-T6 aluminium extrusion terminating at each end with 30mm diameter EN8 bright mild steel stub shafts running in self-aligning bearing units.

TOP ROLL HOOD COVER
Fully formed powder coated hood cover constructed from Cr4 mild steel, for the protection of the top roll, drive motor and transmission drive gear. Its smooth profile and finish contributes to the clean and hygienic conditions required of the food & pharmaceutical industries.

BOTTOM BEAM
High-grade 6063-T6 aluminium extrusion with stainless steel guide inserts at each end. Complete with wireless electronic safety edge running full width of the bottom bar.

FINISH
De-greased, blast cleaned, then pre-treated with 'Akzo Nobel Interpon' anti-corrosive primer before being finished with 'Interpon AB' anti-bacterial hygienic powder coating in standard white to RAL 9003.

DOOR BLADE TYPE
Double Panama PVC coated polyester fabric. Weight; 900gsm. Tensile Strength; 350/400N. Temperature Range; -30°C to +70°C. High frequency welded panels complete with toothed wind-anchors full height to both edges of the blade. Wind Resistance; Class 2. Available with clear vision panel, full vision or fully opaque.

DRIVE
230vac/240vac motor with anti-fallback device. Manual crank included so the door can be opened manually in the event of a power failure.

SPEED
Door opening: up to 1.4 m/sec (approx.)
Door closing: 0.7 m/sec (approx.)

MAX. WIDTH & HEIGHT
Maximum width – 2000mm
Maximum height – 3300mm

CONTROL
230vac/240vac input, 24vdc output control panel complete with 'Open', 'Close', 'Stop' & 'Emergency Stop' buttons. Complete with inverter for soft start/stop variable speed operation. Factory tested and finally set up on site to suit customers' individual requirements. Supplied with 1m of cable with C-Form plug for quick connection. Can be mounted to the immediate left or right side of the door on a fixed mounting plate. Steel powder coated panel enclosure, IP65 rated.

SAFETY

Photoelectric Cell
To inhibit the door from closing if an obstacle is detected adjacent to the front and/or rear of the doorway. IP67 rated thro' beam unit with heated lenses on transmitters and receivers fitted to enable the 'fail to safe' function to operate in sub-zero temperatures.

Contact Safety Edge
If the Bottom Beam comes into contact with any obstacle in its path, the low voltage wireless safety edge fitted full width of the bottom beam, immediately halts the downward travel of the door blade then reverses to its fully open position. Complies with latest 'Closing Forces Test' requirements.

Manual Opening
In the event of a power failure a manual crank handle is provided to insert into the motor gearbox for manually opening the door.

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No. 001-PIC-01-2013
High Speed Door

UNION INDUSTRIES ENGLAND

Essential Characteristics	Declared Performance	Harmonised Standard
Release of dangerous substances	None	EN 13241-1:2003 + A1:2011 (89/106/EC)
Safe opening (vertical moving doors)	Pass	
Mechanical resistance and stability	Pass	
Operating forces (for power operated doors)	Pass	

Type testing conducted by: Exova Warringtonfire
Intended for use: Internal Industrial/Commercial Use