



Picadoor™

- ✓ IMPROVING EFFICIENCY
- ✓ SAVING ENERGY
- ✓ REDUCING COSTS!



performability

Picadoor™ High Speed Door – the latest addition to the Union family. This simple, lightweight but well-engineered fast roller door is perfect for those small internal openings where it can't be abused by forklift trucks!

Union's Picadoor™ key features:

For internal openings with light or no negative/positive pressures.

Standard Size Range – up to 2.0m wide x 2.5m high.

Ideal for high volume personnel traffic doorways.

Suitable for ambient & chill environments.

Opening speed typically 1.5 m/sec.

Perfect for pedestrian, conveyor, supermarket, pharmaceutical & machine guarding applications.



www.unionindustries.co.uk

Standard Specification

DOOR BLADE:

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.

DOOR BLADE COLOURS:

Available as standard in; Standard Silver, Traffic White, Pearl White, Signal Yellow, Pure Orange, Rubin Red, Light Blue, Signal Blue, Cobalt Blue, Moss Green, Opal Green, Light Grey, Medium Grey, Dark Grey & Jet Black.

COLUMNS & SIDE GUIDES:

High grade aluminium profiles complete with full height nylon side-guide inserts which are machined to form a 'T' for the toothed wind-anchor system.

TOP ROLL:

High grade aluminium tubing terminating at each end with 30mm diameter stub shafts running in self aligning bearing units.

BOTTOM BAR:

High grade aluminium profile with stainless steel guide inserts at each end. Complete with wireless electronic safety edge running full width of the bottom beam.

FINISH:

Columns & top roll covers finished in a choice of standard powder coated colours, to include; Standard Silver, Traffic White, Pearl White, Signal Yellow, Pure Orange, Rubin Red, Light Blue, Signal Blue, Cobalt Blue, Moss Green, Opal Green, Light Grey, Medium Grey, Dark Grey & Jet Black.

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: Variable up to 1.5 m/sec (max.)

Door closing: 0.7 m/sec (approx.)

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:

Single Photo-electric Cell – To inhibit the door blade from closing if an obstacle is present immediately adjacent to the door, one IP67 rated 'pencil beam' photocell is discretely positioned within the upright column at low level.

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 full open position. Complies with latest 'Closing Forces Test' requirements.

Emergency 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.