Sentry Automation Ltd

Strong FullVision

Transparent rapid roll door for interior use

INTERIOR APPLICATIONS | **0.8mm TRANSPARENT CURTAIN** | **OPTIONAL INVERTER**



FOR INTENSIVE INTERIOR USE

Robust construction for larger, frequently used internal openings up to 5,000 × 5,000mm.

TRANSPARENT & REINFORCED

A 0.8mm transparent PVC curtain with aluminium reinforcement profiles maintains visibility.

CHOICE OF DRIVE CONTROL

Standard opening up to 0.7m/s; optional frequency control increases opening to 1.6m/s*.

LIGHT CURTAIN AS STANDARD

Integrated safety light curtain to 2,500mm high, with manual opening on power loss.

OPTIONAL ENDLOCKS

EndLocks are optional for increased wind resistance. Confirm the rating for your opening.

The Strong FullVision is a transparent rapid roll door for intensively used interior openings. Its 0.8mm PVC curtain maintains a clear view through the opening, with horizontal aluminium reinforcement profiles and a solid HardEdge bottom beam. Side seals support draught exclusion and climate control; removable column covers simplify maintenance.

5,000 × 5,000mm	0.7 / 0.5m/s	Up to 1.6m/s*
Maximum opening / 25m²	Standard opening / closing speed	Opening with optional inverter

Supply only • Installation • Repairs • Planned servicing

0113 403 5583 enquiries@sentryautomation.co.uk sentryautomation.co.uk

Sentry Automation Ltd

Strong FullVision / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	5,000mm / 5,000mm
Maximum area	25m²
Guide side room	170mm
Slip-on drive side room	300 / 425mm*
Drive fitting clearance	400 / 475mm*
Side-guide profile space	145 / 200mm*
Required headroom	410 / 460mm*
Standard open / close	Up to 0.7 / 0.5m/s
Inverter open / close	Up to 1.6* / 0.5m/s
Wind load classification	Size-dependent; see below
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

0.8mm transparent PVC curtain in horizontal sections with aluminium reinforcement profiles. Electrically driven steel roller; no balance springs. Optional upper section in 0.7mm grey polyester-reinforced PVC.

Hot-dip galvanised steel columns with removable front covers and tailored side seals. Aluminium HardEdge bottom beam as standard.

CURTAIN & COVERS

Transparent curtain for interior openings where visibility is needed. Alternative window types available on request; optional grey reinforced upper section.

Optional stainless-steel columns; PVC, metal or stainless-steel top hood. Drive cover available in PVC only. Hood and PVC cover available in specified RAL colours, subject to quotation.

DRIVE & ELECTRICAL

Direct-drive geared electric motor, mounted on the left or right.

Standard supply: 3N~400V / 50Hz / 16A.
With inverter: LNPE~230V / 50Hz / 16AT.
Motor: IP65; maximum consumed power 2kW.
Standard control box: IP54 with CEE plug.

CONTROLS & SAFETY

TS971 / TS981 / T100R (FU), selected for the application. Open-stop-close operation, seven-segment display, adjustable hold-open time, permanently open / closed settings, service and run modes.

Safety light curtain to 2,500mm high as standard. Geared motor includes built-in roll-off safety. Manual opening in the event of power loss.

SITE & CONNECTION REQUIREMENTS

Flat mounting frame and adequate mounting space required. Confirm precise installation dimensions with the technical drawing.

Provide the correct separately fused CEE socket within 500mm of the control unit. Standard drive: red 400V CEE; inverter: blue 230V CEE. Control box normally on the drive side about 1,500mm above the floor. Confirm circuit protection with the selected configuration.

OPTIONS & ACCESSORIES

Frequency control; push-button, pull switch, key switch, photocell, radar, induction loop or radio activation; door-to-door interlock.

Stainless-steel IP65 control box with separate power plug; directly wired IP65 box / main switch; traffic lights and orange / red warning beacon.

WIND LOAD RESISTANCE

Manufacturer ratings: up to 3 × 4m: Class 1; larger openings: Class 0. Optional EndLocks increase resistance; confirm the rating for the chosen size and configuration.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, wind / draught conditions, power details, curtain finish and activation requirements.

*Depending on configuration. Based on manufacturer literature dated May 2024. Confirm dimensions, speeds, wind exposure, controls, electrical requirements and availability with quotation. Technical changes reserved.

0113 403 5583 enquiries@sentryautomation.co.uk sentryautomation.co.uk