Sentry Automation Ltd

NovoZip

Self-repairing rapid roll door

INDOOR & OUTDOOR OPTIONS | **SELF-REPAIRING ZIP GUIDES** | **INVERTER AS STANDARD**



SELF-REPAIRING ZIP GUIDES

Brushless, self-lubricating guides help reduce interruptions in frequently used passages.

TENSIONED PVC CURTAIN

Spring-loaded zip closure keeps the 900g/m² polyester-reinforced curtain taut.

FAST DAILY ACCESS

Standard frequency control gives 1.5-2.0m/s opening, depending on configuration.

INTEGRATED PROTECTION

Safety light curtain to 2,500mm high and a flexible FlexEdge bottom beam as standard.

CHOICE OF VERSIONS

Standard, CleanRoom, Emergency Exit and insulated ISO versions serve different requirements.

The standard NovoZip is a self-repairing rapid roll door for fast, frequently used passages. Zip guidance, a tensioned PVC curtain and flexible bottom seal support reliable operation, draught exclusion and climate control. Outdoor applications can be specified with the appropriate configuration and optional bevelled top cover.

4,500 × 4,500mm
Maximum opening / 20.25m²

Up to 2.0m/s*
Opening; 0.5m/s closing

Class 3*
Wind resistance: EN 12424

Supply only • Installation • Repairs • Planned servicing

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

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NovoZip / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	4,500mm / 4,500mm
Maximum area	20.25m²
Curtain weight / class	900g/m² / M2
Wind load resistance	Class 3: EN 12424*
Opening / closing speed	1.5-2.0* / 0.5m/s
Guide side room	110mm
Slip-on drive side room	310 / 610mm**
Headroom	500 / 565mm*
Top hood depth	370mm
Hood mounting depth	650 / 700mm*
Product conformity	EN 13241

**Drive side room: 310mm with drive fitted before the top section; 610mm if fitted afterwards.

CONSTRUCTION & SEALING

900g/m² M2-class polyester-reinforced PVC curtain with spring-loaded zip closure and flexible rubber bottom seal. Galvanised steel guides, roller and hood; rigid column / top-bracket assembly.

Flexible PVC FlexEdge bottom beam. Stainless-steel hood / guides optional. All PVC parts can be recycled.

COLOURS & WINDOWS

Nine curtain colours (approximate RAL): 9016, 1003, 2004, 3002, 5002, 5005, 6026, 7038 or 9005. Guides and hood galvanised as standard; optional RAL powder coating.

Standard 1,000 × 500mm transparent windows: one for widths 940-2,500mm; two from 2,501mm wide.

DRIVE & ELECTRICAL

Geared electric motor at the side of the roller; left or right drive. Frequency control as standard.

Supply: LNPE~230V / 50Hz / 16AT.
Motor: IP65; maximum consumed power 1.5kW.
Standard control box: IP54 with CEE plug.

CONTROLS & SAFETY

GfA TS971 / TS981 / T100R FU, selected for size and application. Open-stop-close buttons, LED display, hold-open timing or dead-man control, permanently open / closed settings and service mode.

Integrated light curtain to 2,500mm: interruption opens the door fully until the field is clear; this does not apply while the door is closed. Manual emergency opening on power loss.

SITE & CONNECTION REQUIREMENTS

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

A suitable blue 230V CEE socket is required within 500mm of the control unit, normally mounted on the drive side about 1,500mm above the floor. Confirm circuit protection and supply requirements for the chosen configuration.

OPTIONS & ACCESSORIES

Push-button, pull switch, key switch, photocell, radar, induction loop or radio activation. Interlock / mutual blocking depending on the controller; directly wired IP65 control box / main switch.

Traffic lights, orange beacon, steel guide-column bumpers, stainless-steel hood / guides, RAL powder coating and bevelled top cover for outdoor use. Balancing weights available for opening heights between 2,500 and 3,000mm.

SPECIALIST VERSIONS

CleanRoom: seals for Class 3 air permeability. Emergency Exit: push-open curtain, maximum 3,000 × 3,000mm. ISO: 8mm insulated curtain and extra seals. Separate specifications apply.

To quote: send opening dimensions, headroom / side room, site photographs, postcode, indoor / outdoor use, power details, finish and activation requirements.

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

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