Sentry Automation Ltd

NovoZip CleanRoom

Self-repairing rapid roll door

CLASS 3 AIR PERMEABILITY | **SELF-REPAIRING ZIP GUIDES** | **INVERTER AS STANDARD**



CONTROLLED AIR LEAKAGE

Adapted perimeter draught seal and weighted bottom seal; Class 3 to EN 12426:2000.

SELF-REPAIRING GUIDES

Brushless, self-lubricating zip guides help reduce interruptions; spring-loaded closure tensions the curtain.

FAST 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.

CLEANROOM OPTIONS

Non-contact Magic Switch activation and stainless-steel hood / guide columns available.

The NovoZip CleanRoom provides rapid access where controlled air leakage and a stable indoor climate matter. A polyester-reinforced PVC curtain, surrounding draught seal and self-repairing zip guidance support reliable operation. Optional non-contact activation allows convenient access without touching a push-button.

3,500 × 3,500mm	Up to 2.0m/s*	Class 3
Maximum opening / 12.25m²	Opening; 0.5m/s closing	Air permeability: EN 12426:2000

Supply only • Installation • Repairs • Planned servicing

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NovoZip CleanRoom / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	3,500mm / 3,500mm
Maximum area	12.25m²
Air permeability	Class 3: EN 12426:2000
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

CONSTRUCTION & SEALING

900g/m² M2-class polyester-reinforced PVC curtain; galvanised steel guides and roller; spring-loaded zip closure; bespoke surrounding draught seal and weighted bottom seal.

Flexible PVC FlexEdge bottom beam. Galvanised protective hood as standard; stainless-steel hood and guides optional. 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

Magic Switch non-contact sensor; 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 finish, RAL coating and UPS backup. Optional balancing weights for opening heights between 2,500 and 3,000mm.

DRIVE INSTALLATION CLEARANCE

**310mm if the drive is fitted before installing the top section; 610mm if fitted afterwards. Confirm mounting sequence.

To quote: send opening dimensions, headroom / side room, site photographs, postcode, required air-leakage performance, power details, finish and activation requirements.

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

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