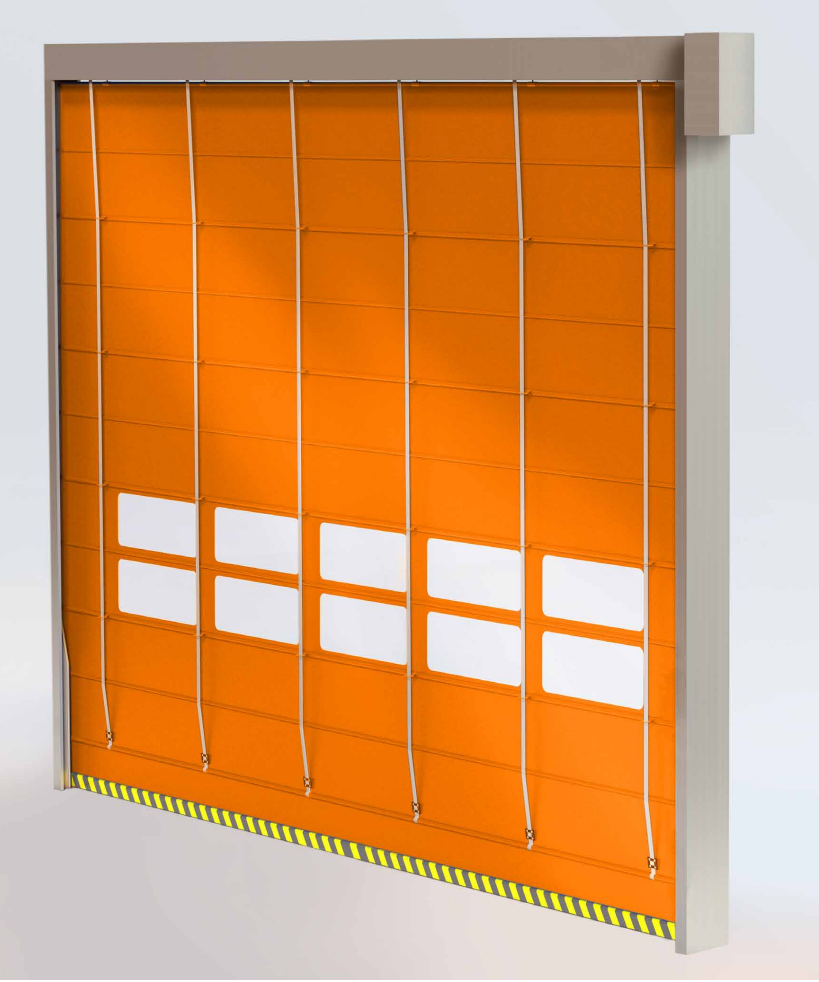
Sentry Automation Ltd

NovoGrande

Industrial folding door for large openings

LARGE EXTERIOR OPENINGS | **REPLACEABLE PVC SECTIONS** | **9 STANDARD COLOURS**



BUILT FOR LARGE OPENINGS

Robust folding construction for intensive forklift and goods traffic through exterior openings.

REPLACEABLE PVC SECTIONS

Approximately 1m-high curtain sections can be replaced individually or specified in different colours.

REINFORCED FOR WIND LOAD

Large aluminium reinforcing profiles and heavy-duty lifting belts provide curtain stability.

TWO ROWS OF WINDOWS

Transparent windows at eye level are supplied as standard for visibility through the door.

INVERTER CONTROL

Frequency control as standard up to 60m²; larger configurations confirmed with quotation.

The NovoGrande is an electrically driven folding door designed for very large outdoor openings. Its polyester-reinforced PVC curtain folds into a compact package above the opening. A rigid steel support structure, durable materials and replaceable curtain sections support intensive daily use with low maintenance requirements.

Up to 10m × 10m*	Up to 1.1 m/s*	2 window rows
Published width / height limits	Opening speed; 0.5m/s closing	Standard transparent windows

Supply only • Installation • Repairs • Planned servicing

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

SENTRY
SECURE BY DEFINITION

TECHNICAL GUIDE

Sentry Automation Ltd

NovoGrande / Specification

DIMENSIONS & PERFORMANCE

Published width / height	Up to 10,000mm / 10,000mm*
Published maximum area	Up to 100m²; confirmation required*
Side room at guides	315mm
Side room at slip-on drive	515mm*
Non-drive side room	315mm
Drive fitting clearance	570mm
Required headroom	1,500mm + 100mm per metre of door height
Opening / closing speed	Up to 1.1* / 0.5m/s
Standard inverter range	Up to 60m²
Wind load resistance	Class 3-5 stated; confirm project rating*
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

900g/m² M2-class PVC with polyester reinforcement, held between robust aluminium reinforcing profiles. Heavy-duty belts lift the curtain into a compact package.

Galvanised steel columns; steel / aluminium roller; rigid steel top cover. HardEdge aluminium bottom beam with a soft outer shell and flexible seal.

FINISHES & VISION

Nine curtain colours (approximate RAL): 9016, 1003, 2004, 3002, 5002, 5005, 6026, 7038 or 9005. Individual sections can use different colours.

Columns: RAL 7011 grey powder coating as standard. Other RAL colours optional. Two rows of transparent windows as standard.

DRIVE & ELECTRICAL

Geared electric motor with direct roller drive, side-mounted on the left or right.

With frequency control: LNPE~230V / 50Hz / 16AT.
Without frequency control: 3N~400V / 50Hz / 16A.
Motor: IP65; maximum consumed power 4kW.
Standard control box: IP54 with CEE plug.

CONTROLS & SAFETY

GfA TS971 / TS981 depending on door size and application. Open-stop-close buttons, LED display, adjustable hold-open time or dead-man control, permanently open / closed settings, service and run modes.

Safety light curtains as standard. Manual emergency opening in the event of power loss.

SITE & CONNECTION REQUIREMENTS

Flat mounting frame and sufficient mounting space required. Confirm exact structural and installation dimensions using the technical drawing.

Provide a suitable CEE socket within 500mm of the control position. Control box normally fitted on the drive side, about 1,500mm above floor level. Confirm supply and protective-device details for the chosen drive.

OPTIONS & ACCESSORIES

Push-button, pull switch, key switch, photocell, radar, induction loop or radio activation; door interlock; directly wired IP65 control box / main switch.

Condor presence sensor or Falcon radar (TS981 required); traffic lights; orange / red beacon; hood and top cover in a specified RAL colour. Larger sizes on request.



GfA CONTROL PANEL

TS971 / TS981, selected to suit the door size and application.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, wind exposure, power details, colour and activation requirements.

*Configuration-dependent. May 2024 manufacturer literature lists 100m² but also describes 64m² applications, and gives differing wind classes. Final size, area, wind rating and drive performance must be confirmed with quotation.

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