Sentry Automation Ltd

Panorama 40

Panoramic glazed sectional door

UNINTERRUPTED GLAZING | **40mm ALUMINIUM SECTIONS** | **MANUAL OR ELECTRIC**



WIDE PANORAMIC VIEW

Fully glazed sections without vertical window dividers provide an uninterrupted view.

PLEXIGLAS OPTICAL

20mm double glazing combines a glass-like appearance with the safety of plastic.

40mm ALUMINIUM FRAME

Silver anodised aluminium profiles and glazing beads; colour coatings optional.

TRACK & FRAME CHOICE

Standard or heavy-duty frame, with a choice of standard, extra, vertical, roof-slope or low lift.

MANUAL OR ELECTRIC

Torsion springs counterbalance the curtain for manual or geared electric operation.

The Panorama 40 combines 40mm aluminium sections with clear, full-width glazing for buildings where daylight and visibility matter. Plexiglas Optical gives a naturally reflective, glass-like appearance with minimal visual distortion, while insulating seals connect the sections and seal the perimeter.

4,000 × 4,500mm	40mm	3.87 W/m²K
Maximum width × height / 18m²	Total section thickness	U-value at 4,000 × 4,000mm

Supply only • Installation • Repairs • Planned servicing

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Panorama 40 / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	4,000mm / 4,500mm
Maximum area	18m²
Section thickness	40mm
Optical glazing	20mm double Plexiglas
U-value	3.87 W/m²K at 4,000 × 4,000mm
Wind load resistance	Class 3-4 to EN 12424
Product conformity	EN 13241

GLAZING & MATERIALS

Fully glazed horizontal sections with silver anodised aluminium profiles and glazing beads; no vertical window dividers. Plexiglas Optical uses 20mm double glazing for a wide, clear view.

Sendzimir-galvanised steel tracks, galvanised hinges and fittings, nylon-wheel rollers with chromed 11mm shafts, and steel cables with sixfold safety.

CONSTRUCTION & SEALING

Torsion springs balance the door weight. Sections travel in an overhead track system; standard, extra, vertical, roof-slope and low-lift arrangements available. Standard or heavy-duty frames.

Insulating seals at the top, sides, bottom and between panels. Manual doors have a plastic handle and foot recess in the bottom section.

DRIVE & ELECTRICAL

Manual cord / chain reel or geared electric drive. Dead-man, pulse or remote operation.

Supply options: 1N-230V-PE / 3-230V-PE / 3N-400V-PE / 3-400V-PE; 50/60Hz.
Standard protection: IP54.
Controls: TS971 / TS981 / T100R (FU).

SAFETY & CONTROL FUNCTIONS

Emergency hand-chain hoist at operating height; spring-break and anti-lift protection. 24Vdc control; auxiliary supplies 24Vdc (350mA) / 230Vac (1.6A). Status display with six most-recent faults and maintenance-cycle counter.

Self-learning opening-force monitoring detects sudden counterbalance changes. Automatic DI/FI inverter detection supports speed, soft-start/stop and braking-ramp settings.

ACTIVATION & SITE REQUIREMENTS

Pull switch, key switch, push-button, photocell, radar, induction loop or remote activation.

Technical sheets define dimensional and structural requirements for each track system. For electric operation, provide a suitable CEE socket within 1m of the control unit. Standard CEE connection: IP54 control box.

OPTIONS & ACCESSORIES

Frequency-controlled fast version; extra activation controls; directly wired IP65 control box / main switch; leading photocell; cable-break protection; traffic lights; orange or red beacon; heavy spring-return shoot bolt and external locking cylinder. Options subject to quotation.

FINISHES & OPTIONS

Clear anodised profiles / glazing beads as standard. Optional RAL coating inside and/or outside, excluding fluorescent and traffic colours. Window / panel finishes to specification. Adjusted wind restriction and 30,000- or 60,000-cycle springs available.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, preferred track arrangement, finish, power and operating requirements.

Based on supplied manufacturer literature (revision code 0524). Confirm dimensions, glazing, thermal performance, wind rating, controls and availability with quotation. Technical changes reserved.

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