Sentry Automation Ltd

Prime XF

High-speed interior door

INTERIOR APPLICATIONS | **1.2mm REINFORCED CURTAIN** | **INVERTER AS STANDARD**



FOR SMALLER INTERIOR OPENINGS

Designed for indoor passages with low wind loads in retail, industry and public buildings.

REINFORCED PVC CURTAIN

1.2mm polyester-reinforced PVC curtain supplied as standard, with optional vision panels.

HIGH-SPEED OPENING

Standard frequency control provides opening up to 2.3m/s* and closing up to 0.5m/s.

LIGHT CURTAIN AS STANDARD

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

EASY MAINTENANCE ACCESS

Removable column covers provide access for installation and maintenance.

The Prime XF combines opening speeds up to 2.3m/s with standard frequency control and a 1.2mm reinforced PVC curtain. Designed for smaller indoor openings with low wind loads, it provides rapid access and draught exclusion in retail, industry and public buildings. Removable column covers simplify installation and maintenance.

3,500 × 3,500mm	Up to 2.3m/s*	1.2mm
Maximum opening / 12.25m²	Opening; 0.5m/s closing	Standard reinforced PVC curtain

Supply only • Installation • Repairs • Planned servicing

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Prime XF / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	3,500mm / 3,500mm
Maximum area	12.25m²
Guide side room	170mm
Slip-on drive side room	330 / 425mm*
Drive fitting clearance	430 / 475mm*
Side-guide profile space	145 / 200mm*
Required headroom	410 / 460mm*
Opening / closing speed	Up to 2.3* / 0.5m/s
Curtain thickness	1.2mm as standard
Wind load classification	Class 0 to EN 12424
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

1.2mm polyester-reinforced PVC curtain, electrically rolled onto an aluminium roller above the opening; no balance springs. Aluminium curtain reinforcement profiles available.

Hot-dip galvanised steel columns with removable front covers and tailored side seals. Aluminium HardEdge bottom beam as standard; flexible, soft-shell FlexEdge optional.

COLOURS, WINDOWS & COVERS

Curtain colours: blue, black, white, grey, red, orange or yellow. Transparent plastic or insect-netting windows optional.

Optional stainless-steel columns; PVC, galvanised steel or stainless-steel top hood (drive cover in PVC only); specified RAL colour for metal hood / PVC drive cover; colour printing on the curtain.

DRIVE & ELECTRICAL

Direct-drive geared electric motor, mounted on the left or right. Frequency control supplied as standard.

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

CONTROLS & SAFETY

TS971 / TS981 / T100R (FU), selected for the application. Open-stop-close operation, seven-segment display, continuously variable opening / closing speeds, hold-open timing, permanently open / closed settings, service and run modes.

Safety light curtain to 2,500mm high as standard. The door can be opened manually 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. Blue 230V CEE connection for the frequency-controlled drive. Control box normally on the drive side about 1,500mm above the floor. Confirm circuit protection with the selected configuration.

OPTIONS & ACCESSORIES

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; traffic lights and orange / red warning beacon.

WINDLOAD OPTIMISER

Optional WindLoad Optimiser configuration available. The published EN 12424 classification remains Class 0; confirm suitability for the actual pressure and draught conditions at the opening.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, indoor 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.

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