Sentry Automation Ltd

Prime XF ISO

Insulated high-speed interior door

INTERIOR APPLICATIONS | **8mm INSULATED CURTAIN** | **INVERTER AS STANDARD**



FOR CONTROLLED TEMPERATURES

Designed for refrigerated and temperature-controlled interiors with regular people and light-goods traffic.

8mm INSULATED CURTAIN

Two layers of wear-resistant reinforced fabric enclose a high-efficiency insulation core.

HIGH-SPEED OPENING

Standard frequency control provides opening up to 2.2m/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.

ADDITIONAL SEALING

Side seals and additional seals support temperature separation; removable covers provide maintenance access.

The Prime XF ISO combines rapid access with an 8mm insulated curtain for refrigerated and temperature-controlled areas. Two wear-resistant fabric layers enclose an insulating core, while additional seals help reduce draughts. Standard frequency control provides opening speeds up to 2.2m/s, depending on configuration.

3,500 × 3,500mm	Up to 2.2m/s*	8mm
Maximum opening / 12.25m²	Opening; 0.5m/s closing	Insulated curtain thickness

Supply only • Installation • Repairs • Planned servicing

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Prime XF ISO / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	3,500mm / 3,500mm
Maximum area	12.25m²
Guide side room	170mm
Slip-on drive side room	360mm
Drive fitting clearance	410mm
Side-guide profile space	145mm
Required headroom	460mm
Opening / closing speed	Up to 2.2* / 0.5m/s
Curtain thickness	8mm insulated
Wind load classification	Class 1 to EN 12424
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

8mm insulated curtain made from two 0.9mm layers of polyester-reinforced synthetic fabric, with high-efficiency insulating material between them. The electrically driven curtain rolls onto an aluminium roller above the opening.

Hot-dip galvanised steel columns with removable front covers, side seals and additional insulation 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 windows optional.

Galvanised steel top hood; stainless-steel hood and columns optional. Metal hood and PVC drive cover available in a specified RAL colour.

DRIVE & ELECTRICAL

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

1.5kW drive: LNPE~230V / 50Hz / 16AT.
3.0kW drive: 3N~400V / 50Hz / 16AT.
Motor: IP65; maximum consumed power 3.0kW.
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 or red 400V CEE connection, matched to the selected 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.

THERMAL APPLICATION

Intended for interior openings where temperature control matters. Confirm the required temperature range, operating conditions and thermal performance for the project; no numerical U-value is stated in the supplied literature.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, required temperature 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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