

Product Data Sheet

SPD243

Insulated Spiral Door



Engineered for use in industrial buildings, factories, warehouses, workshops, garages, and other high-traffic access points, our high-speed spiral doors combine performance with durability.

The system is designed for user-friendly control and can be easily operated by a single person, making it ideal for fast-paced environments where efficiency and reliability are essential.

Technical Information

Product Name	Insulated Spiral Door	
Model Number	SPD243	
Area of Use	Indoor/Outdoor	
Max Size Range (W x H)*	6 m x 6.5 m	20 ft x 21 ft
Required Headroom	Varying (Three models support installation in different spaces)	
Opening Speed	Up to 2 m/s	Up to 78 in/s
Closing Speed	Up to 0.8 m/s	Up to 31 in/s
Drive Mechanics	Direct drive operator with brake release handle	
Control Panel	Emergency stop button Open/Close/Stop/Configuration push buttons LCD display	
Safety Features	Light curtain Wireless edge activator	
Resistance to Wind Load (Max per Door Width)		
Cycleability/Maintenance	Unlimited per day /Inspection every six months	
Manufacturer Warranty	5-Year Limited on drive motor and gearbox. 2-Year Limited on all other components	

* Other sizes may be available on request

Product Data Sheet

SPD200

Insulated Spiral Door



Materials and Finishes

Component	Description	Notes
Colours Available	4 standard colors: Grey, Silver, White, Aluminum	
Structure Material	Galvanized steel	
Door Panel	Double-layer stretched aluminum sheet, filled with polyurethane industrial insulation material; formed as a composite structure with thermo breaks	
Door Panel Thickness	43 mm	
Window Options	Double-layer polyurethane plate, double-walled structure	
Spiral	Archimedean spiral principle, double-layer turbine	
Bottom Profile	Rubber seal	
Electric Door Operator	Servo motor control system/Cast aluminum	
Control Panel	Powder coated enclosure	
Hood and Motor Cover	Frame only	Galvanized steel cover option

Energy Analysis

Attribute	Description	Notes
Thermal Resistance (R-value)	$\leq 0.5\text{W/m}^2\cdot\text{K}$	
Air Permeability	0.0353 cfm/ft ²	

Electrical

Attribute	Description	Notes
Operating Voltage	208 ~ 240 V/1 PH	
Motor Power	0.75kW / 1.5kW/ 2.2kW	