

Product Data Sheet

HSD100

High Speed Door



The SCY High Speed Door is a durable, efficient solution for interior applications in industrial environments. With rapid open-close cycles, it enhances traffic flow, reduces energy loss, and protects against dust, humidity and contaminants.

Double-row brushes seal ensure optimal airtightness. The 304 stainless steel frame allows high-pressure washdowns, ideal for hygiene-sensitive areas. A flexible PVC curtain with optional impact-resistant window offers visibility and safety.

An advanced direct-drive system ensures smooth, low-maintenance operation. Safety features like photoelectric sensors and wireless edge detection protect users while smart controls and multiple actuation options maximize flexibility and efficiency.

Technical Information

Product Name	High Speed Door	
Model Number	HSD100	
Area of Use	Indoor	
Max Size Range (W x H)*	6 m x 6 m	19 ft x 19 ft
Minimum Required Headroom	0.3 m	1 ft
Opening Speed	Up to 1.5 m/s	Up to 59 in/s
Closing Speed	Up to 0.8 m/s	Up to 31 in/s
Drive Mechanics	Direct drive operator (with manual crank)	
Control Panel	Emergency stop button Open/Close/Stop/Configuration push buttons LCD display	
Safety Features	Photoelectric sensor Light curtain available (Optional) Wireless edge activator (Optional)	
Seal Mechanism	Brush	
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

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Materials and Finishes

Component	Description		Notes
Curtain Colours Available	Yellow, Orange, Red, Gray, Blue		
Structure Material	304 Stainless steel		
Door Curtain	1.2 mm PVC fabric	0.047 in PVC fabric	
Curtain Temperature Rating	-10°C to 50°C	14°F to 122°F	
Window Options	Fixed sizes located on a predefined grid		
Bottom Bar Profile	Aluminum wind rib with PVC bottom		
Electric Door Operator	Cast aluminum		
Control Panel	NEMA 4/12 rated Powder coated enclosure		304 Stainless steel option
Hood and Motor Cover	304 Stainless steel		

Electrical

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