

High Speed Turbine Door

This high-speed door features a turbine design for rapid opening and closing. It is suitable for industrial applications such as warehouses, manufacturing facilities and cleanrooms.



Product Overview



High-performance turbine door featuring horizontally stacked aluminum alloy panels for superior wind resistance and durability.

High-Performance Turbine Door

This high-speed turbine door is engineered for demanding industrial and commercial applications, including chemical, pharmaceutical, automotive, and food processing facilities. It features a robust aluminum alloy construction with polyurethane insulation, ensuring both durability and effective environmental separation. With rapid operational speeds and intelligent one-key control systems, this solution optimizes workflow efficiency while maintaining high safety standards for high-traffic environments.

Performance Metrics

Opening Speed	2 m/s
Wind Resistance	3.5 KPA (Wind 12)

Technical Specifications



Spiral turbine design enabling rapid opening and closing cycles for high-traffic environments.



Rigid turbine design ensuring smooth operation and minimal contact wear.

Door Dimensions

Dimension	Range
Width	1250-10000 mm
Height	2000-8000 mm

Construction Materials

- 40mm Aluminum door panel
- Polyurethane insulation
- 3mm Galvanized sheet door frame
- Double spiral turbo aluminum rails

Features & Control

Safety Features

Infrared Security Electric Eye • Obstacle Detection • Automatic Reverse

Opening Methods	Radar, Geomagnetic Sensor, Bluetooth, Remote Sensing, Hand Switch
Control System	Servo control system with fire-fighting linkage support