

ACCESSCO


Total Integration In Entrance Solutions

Automatic Hermetic Sliding Operator EZ-SLH



Technical Product Brochure

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Building and Construction  Authority 



Product Overview

ACCESSCO Hermetic Sliding Door System (EZ-SLH) is designed for environments requiring superior hygiene, airtight sealing and controlled air pressure. It is ideal for hospitals, operating theatres, cleanrooms, pharmaceutical facilities, food processing plants and micro-electronics industries.

Engineered for sound insulation and thermal efficiency, the system prevents uncontrolled airflow, cross-contamination, dust infiltration and radiation exposure. Its hygienic construction features flush anodized aluminium edging and maintains a hermetic seal even under high overpressure or under pressure conditions.

The door panels are available in a wide range of high-pressure laminate finishes and colours. Powered by a maintenance-free DC permanent motor drive with a modular control system, the EZ-SLH ensures smooth, stable operation and strong driving force.

Standard load capacity is 200kg, upgradeable to 300kg, while the ICU version supports up to 1000kg for heavy-duty applications.

For enhanced security, the built-in motor lock is fully concealed, preventing unauthorized access without visible lock exposure. Operation options include radar motion sensors, touchless switches (commonly used to meet hygiene requirements), push buttons, elbow switches, and kick switches.

Cold smoke-proof and suitable for smoke separation screens, the EZ-SLH combines safety, durability, and operational flexibility in one reliable solution.

Industry Applications

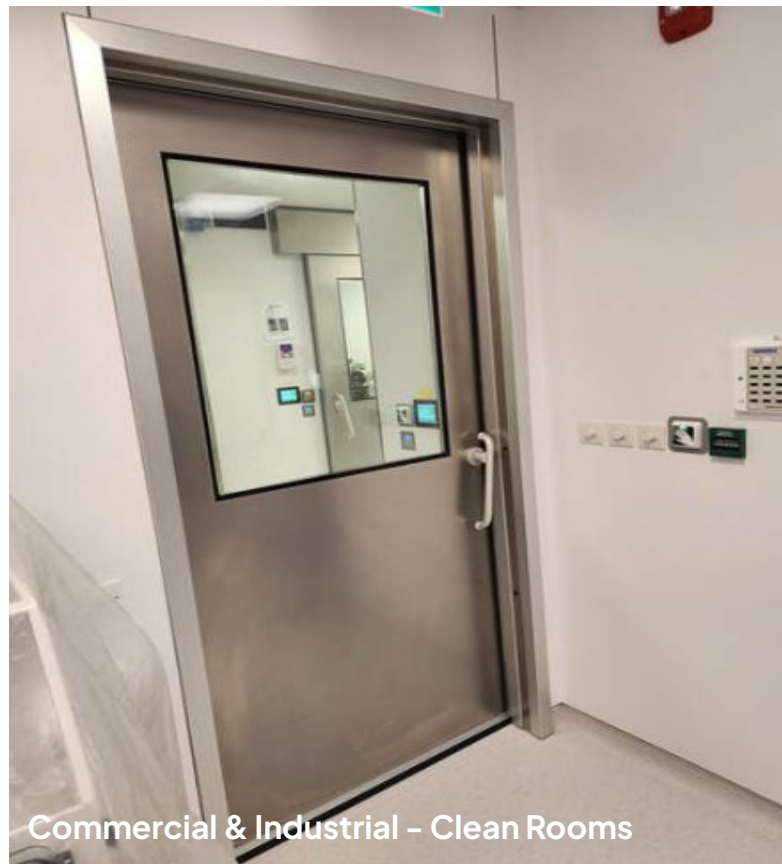
ACCESSCO delivers reliable automatic door solutions across a wide range of industries, designed for safety, accessibility, and operational efficiency.



Healthcare & Medical Facilities – Operating Theatres



Commercial & Industrial – Clean Rooms

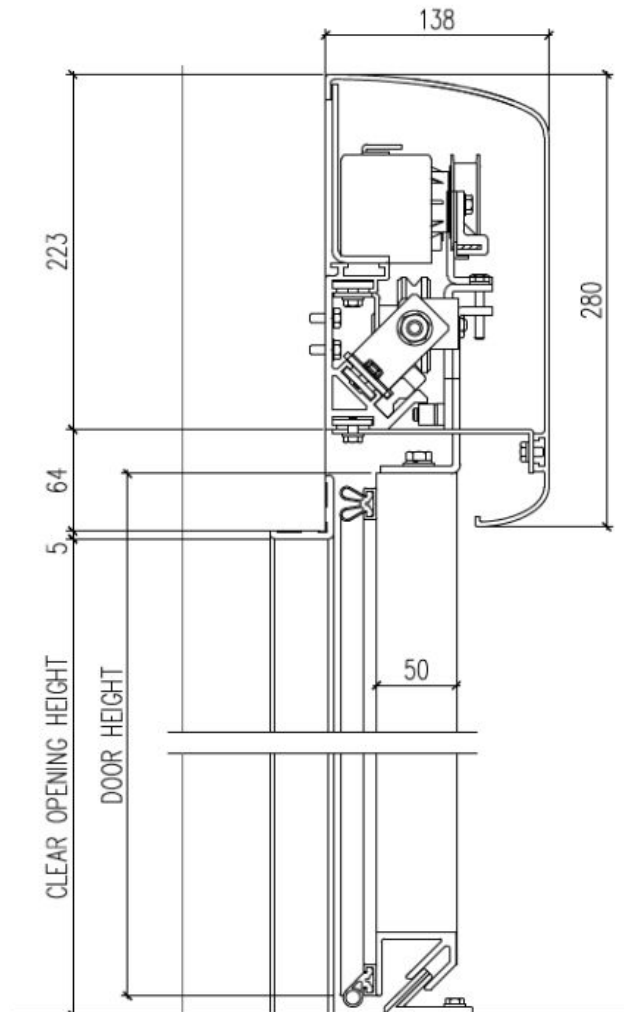


Commercial & Industrial – Clean Rooms

Technical Specifications

Summary of Technical Specifications

Operator Dimension	Height 280mm x Width 138mm	
Main Power Supply	Auto Switch 100~220V +/- 50/60 Hz	
Power Consumption	max 250w	
Auxiliary Voltage	24V DC	
Drive Unit	40V100W Made in Germany	Dunkermotoren With Motor Lock
Max Door Weight	Standard 200kg Upgradeable to 300kg	
Max Door Weight (Without Slope)	Up to 1000kg	
Max Opening	Width : 2000mm	Height : 2500mm
Max Speed	Opening : up to 0.8m/sec	Closing : up to 0.8m/sec
Hold Open Time	0 ~ 60sec	
Intelligent Processor	Self Learning & Auto Error Detection	
Ambient Temperature	-15°C to +50°C	
Humidity Range	Up to 85%	
Safety Compliance	DIN18650-1 : 2010 EN16005-1 : 2010/AC:2010	
CE Compliance	EC Directive 2014/35/EU LVD DIN Directive DIN EN 60034-1:2010/AC:2010	
Air Leakage Compliance	BS EN1026 : 2000 BS EN12207 : 2016	
Airborne Sound Transmission	STC35	



Feature Descriptions

Summary of Feature Descriptions	
Control Unit	Self Learning & Auto Error Detection with Plug & Play Operation
Locking Device	Built-In Motor Lock, Failsafe
Power Transmission	High Quality Polyurethane Tooth Belt Reinforced With Steel Thread
Monitoring Door Position	Permanent Sensing Of Door Position By Means Of Non-Contact, Distance Measuring System
Error & Diagnostic	Indicator With Display Panel For Easy & Time Saving Diagnostic
Flexible Installation	Easy Installation. Unlike conventional systems, the system can easily adapt on site even if dimensions are incorrect, preventing delays and costly losses.
Fire Alarm	Door Opens & Remains In Open Position
Master Program Switch	To Control Multiple Doors
Push & Go Functions	Programmable
One Pulse Open One Pulse Close	Programmable
Partial Opening Special	Precisely adjustable to meet the exact width requirements. During periods of heavy traffic, the door automatically opens to its full position.
Safety Auto-Reverse Closing	Door Will Reopen When Met With Resistance
Safety Auto-Reverse Opening	Door Will Stop & Reverse Back Slowly To Closing When Met With Resistance
Key Switch	5-Position Key Switch With LCD Panel
5-Way Selection Mode	Lock / Exit / Auto / Partial / Open
Door Panel Options	High Pressure laminate Panel, Aluminium Frame Infilled With Glass Panel, Stainless Clad Panel
Radiation Prevention	Panel Infilled with Lead Sheet , Lead Glass



Inspection and Maintenance Services

IMPORTANT: To ensure maximum safety and optimal performance, the operator must be regularly serviced and maintained by authorised personnel. Approved safety devices must be installed and properly maintained at all times.



The European Union has introduced EN 16005, a regulation governing pedestrian safety in the use of power-operated doors. This standard establishes a uniform level of pedestrian protection across the entire European region for all new installations.

As the standard identifies all parts of powered entrances as potential hazard zones during both opening and closing, **the ACCESSCO Automatic Door Operator is equipped with the necessary components, activation devices, and safety sensors to minimise risks and prevent accidents, while optimising traffic flow.** Safety is further enhanced through our soft-closing feature, ensuring smooth and controlled operation.

ACCESSCO's technical division is specially trained to manage new installations, as well as renovation and retrofitting projects, by advising customers on appropriate system upgrades. Our dedicated maintenance team supports ongoing servicing to ensure safe, reliable operation and to maximise the lifespan of your automatic door system. By using only genuine ACCESSCO spare parts, customers benefit from peace of mind and cost-effective long-term performance. The ACCESSCO Automatic Door Operator is continuously enhanced and rigorously tested to meet day-to-day operational demands while prioritising user safety.

The ACCESSCO Automatic Door Operator complies with current European and American standards and directives, including EN 16005, DIN 18650, CE requirements, and ANSI A156.10.

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