ENERCO

INDUSTRIAL, HIGH SPEED DOORS & LOADING BAYS

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Delta Speed 7250 CR230
High-Speed Door

The Delta Speed 7250 CR230 high-speed door uses the latest technology to provide a very simplistic high speed door specifically designed for the sterile segregation of pressurised clean room applications.
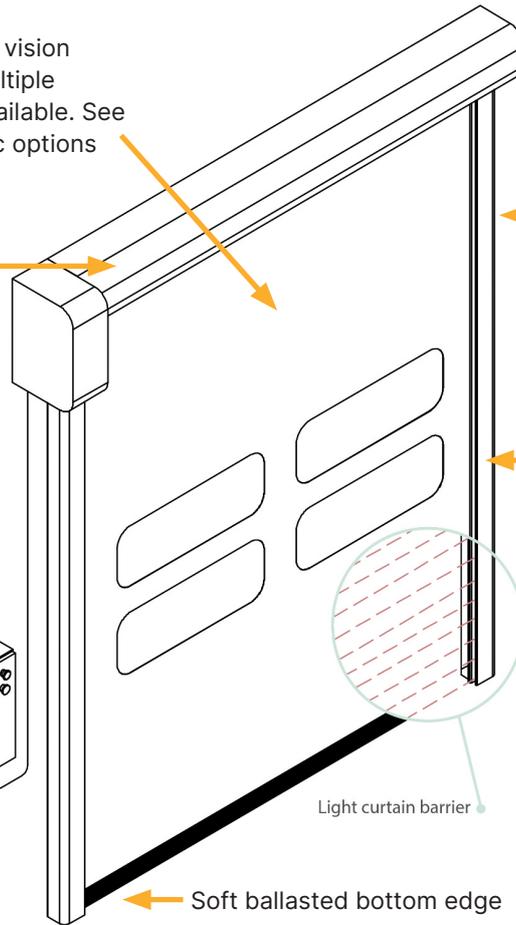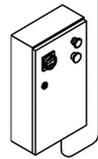
Its unique sealed and compact guides guarantee controlled loss of pressure to ensure that ventilation and air purification systems operate efficiently. Equipped with a counterweight the door will operate to open even in the event of power failure. The guides also provide a self repairing feature so that in the event of collision, the door repairs itself during the next open function. The door is available in sizes up to 4.5m x 4.5m.

Overview

1300g/m2 Curtain C/W vision panels as standard. Multiple vision panel options available. See overleaf for other fabric options

Column, barrel & motor cover as standard.

Self repairing curtain.

Standard 3PH inverter controls. Single Phase 220V available up to 9m². Motor & Controls IP54.

Self lubricated, highly sealed, stainless steel side columns, barrel and motor covers.

Light curtain barrier

Soft ballasted bottom edge

Applications

- Pharmaceutical
- Food Processing
- Pressure controlled environments
- Clean rooms

Key Features

- Self Repairing
- High sealing capability
- Very low noise in operation
- Low maintenance
- Emergency opening with automatic counterweight

Technical data

Maximum door size (W x H)	4500 × 4500 mm	Wind load		Class 2
Opening speed	Up to 2500mm/sec.			
Closing speed	800 mm/sec.	Applications		Internal

Features

Fabric Material	Colour impregnated, tear resistant, polyester reinforced PVC
Curtain Weight	Standard - 1300g 6.6W/m²K , optional 7mm insulated 3.3 W/m²K or FDA (white) compliant 1700g
Frame Material	Standard – Galvanised steel, optional powder coated or stainless steel 441 / 316
Guide Material	Patented sliding system with high density self lubricating polyethylene
Control Panel	Standard – Powder coated steel box IP54 (300 × 500 × 150mm) Optional – Stainless steel or PVC box IP65 (300 × 400 × 150mm Includes stop / start button, two volt free contacts for open and closed signals / alarms Includes for 2 door interlocking as standard, 4 additional relay outputs optional
Limit Type	Digital encoder
Power Supply	Standard 415v Three phase, neutral and earth fused at 16amp with type C circuit breaker terminated to red 5 pin commando style 16amp socket Optional - 240v Single phase 16amp (door size up to 3m x 3m) 16amp with type C circuit breaker terminated to blue 3 pin commando style 16amp socket
Motor & Control Panel Protection	IP54
Safety Features	Standard features include light grid, anti – jamming diameter sensing photocell
Emergency Opening	Standard – Counterweight system, Optional UPS battery back up

Available Colours (1.3mm - 1300g p/m2)

RAL 9010		**RAL 2004**		**RAL 7042**		**RAL 5012**	
RAL 1015		**RAL 3002**		**RAL 7037**		**RAL 5002**	
RAL 1003		**RAL 6026**		**RAL 7035**			

Available Colours (7mm Insulated), FDA Food Grade 1700g p/m2

RAL 9010 (FDA)		**RAL 2004**		**RAL 7035**	
RAL 1003		**RAL 3002**		**RAL 5002**	

Standards

STANDARD	REF	TEST ACC.	RESULTS
Water Permeability	EN 12425	EN 12489	Class 1
Wind Load	EN 12424	EN 12444	Class 2
Air Permeability	EN 12426	EN 12427	Class 2
Safe Openings	EN 12453	EN 12445	✓
Mechanical Resistance	EN 12604	EN 12605	✓
Unintended Movements	EN 12604	EN 12605	✓
Thermal Transmittance	EN 12428	EN 12428	6.6 W/m2K Standard curtain or 3.3 W/m2K insulated
Performance (Cycles)	EN 12604	EN 12605	1,000,000