



## RAPID COLD HIGH SPEED DOOR



Rapid Cold door Maximize Efficiency and Save on Energy Costs with Rapid Cold High-Speed Doors

In cold storage environments, maintaining temperature consistency is crucial for preserving your products and minimizing energy loss. The Rapid Cold High-Speed Door is specifically engineered to meet these challenges, offering unmatched performance in thermal insulation, frost resistance, and energy efficiency.

Our advanced multi-layer composite door curtain is filled with high-quality thermal insulation materials, significantly reducing heat transfer and preventing cold air from escaping. This means less energy is required to maintain the desired temperature, resulting in cost savings over time. The airtight sealing ensures that cold storage areas remain securely sealed, while wind resistance further protects the integrity of your cold storage environment.

But the Rapid Cold High-Speed Door doesn't just excel in insulation

it also boasts a built-in servo motor, which guarantees high precision and faster opening speeds. This reduces wait times and improves overall traffic flow, ensuring a smooth and efficient transition between cold storage areas. Designed to be installed on the warm side of your freezer, the door minimizes temperature fluctuations, reducing the strain on your refrigeration system and maintaining optimal conditions for your stored goods.

With the Rapid Cold High-Speed Door, you're not only investing in superior temperature control and energy efficiency but also in faster, safer, and more reliable operations. Keep your cold storage running smoothly and cost-effectively-make the smart choice for your business today.



Life Time Warranty  
On Workmanship



24 Months on Equipment  
Supplied and installed

## KEEP FROZEN GOODS FROZEN

Suitable for temperatures 0°C - 25°C, the door is ideal for cold chain storage businesses. The middle of the double-layer cold storage curtain is filled with polymer insulation material to improve the thermal insulation and increase energy savings.

**Technologically advanced and efficient, the door includes the following features:**

### ELECTRICAL

- ☑ 240 volts
- ☑ Servo Motor ,240V , 1.5 KW, IP rating: IP65
- ☑ Smart Servo Control 50/60 Hz with encoder
- ☑ IP rating for motor and control panel IP54
- ☑ Uninterruptible Power Supply (optional)

### SPEED

- ☑ Opening 1.8m/s-2m/s
- ☑ Closing 0.8m/s/1.8m/s

### SAFETY

- ☑ Photoelectric Beam with protection shield
- ☑ Radar sensor microwave motion detector  
IP65 -30°C to +60°C

### APPLICATION

- ☑ External doors for cold storage, cold storage and buffer rooms
- ☑ Suitable temperature 0-25 C

### DOOR PANEL

- ☑ Double-layered insulated high-tensile PVC with superior sealing properties
- ☑ Self-aligning zipper mechanism

### FRAME AND MOTOR COVER

- ☑ Stainless steel guide rails and covers

### DIMENSION

- ☑ Width 4000 max
- ☑ Height 5500 max

### ANTI-FROSTING PROPERTIES:

- ☑ The soft curtain combined with (optional) heating on three sides of the door prevents frosting from occurring.

### IMPROVE WORK EFFICIENCY:

- ☑ The High Speed Freezing Door has a running speed up to 1.8m/s and closing speed of 1.6m/s compared to the average running speed of traditional cold storage door of 0.3m/s.
- ☑ The door's reliable operation has a low failure rate.

### ULTRA-FAST OPERATION:

Our door opens and closes at remarkable speeds, significantly reducing the time it's open and thereby minimizing temperature fluctuations. This rapid cycling is crucial in maintaining the integrity of your cold storage environment.

### SUPERIOR INSULATION:

Designed with high-quality insulated curtains, our door effectively prevents heat loss and condensation, ensuring optimal thermal control within your facility.

### ENERGY EFFICIENCY:

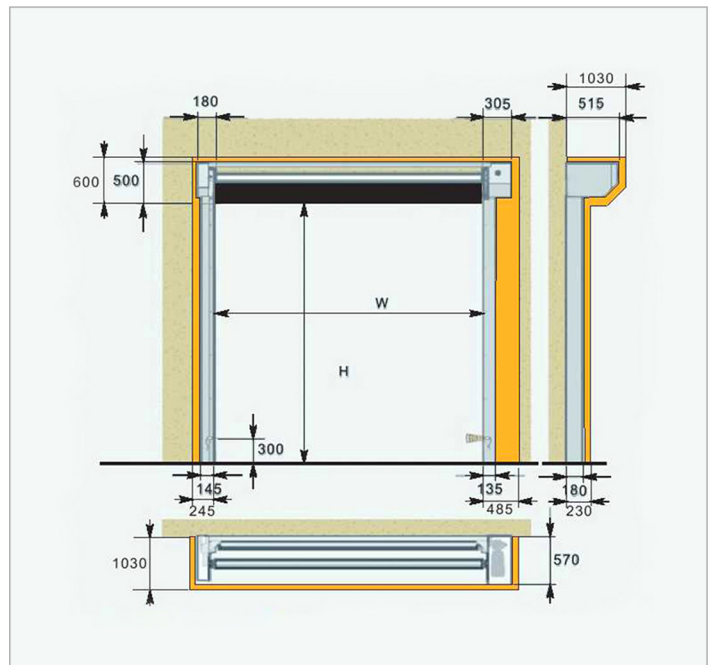
The combination of high-speed operation and excellent sealing reduces energy consumption by minimizing the escape of conditioned air, leading to significant cost savings.

### ENHANCED SAFETY:

Equipped with advanced safety features, our door ensures secure and reliable operation, protecting both your personnel and products.

### DURABILITY AND LOW MAINTENANCE:

Built to withstand the demanding conditions of cold storage facilities, our door requires minimal maintenance, ensuring long-term, trouble-free operation.



### Fabric Colour Options

