

HYPERFREEZE™

HIGH SPEED DOOR

Economical Cold Storage High Speed Door.

A cost-effective high-speed door solution designed for cold storage environments, combining strong thermal performance with reliable safety features.



OVERVIEW

The HyperFreeze High Speed Door is designed for cold storage applications, offering advanced thermal performance with U-values ranging from 0.9 W/m²C to 0.75 W/m²C. It is suitable for operating environments with temperatures as low as -30 °C.

Built for durability, the HyperFreeze features a robust door blade that resists impacts from fork-hoists. The door incorporates a crash-out system with automatic re-location, all contained within a self-supporting door frame.

A soft bottom edge enhances personnel safety while providing the flexibility required for effective operation of the curtain crash-out re-location system.

AUTO MOSSA doors are manufactured in New Zealand.

Door Blade Insulation

The insulated door blade achieves an overall U-value of 0.9W/m²C (30mm door blade) & 0.75W/m²C (40mm door blade) making it one of the highest-performing high-speed chiller doors available.

Knock-Out Function

The HyperFreeze features an integrated crash-out function that allows the door blade to disengage on impact and automatically re-align during the next downward cycle.

Patented AIRSTRIP System

Designed to extend the operational life of the door, the patented AIRSTRIP is constructed from extruded rubber with reinforced webbing. It maintains separation between the door blade layers as the door rolls up, preventing compression of the materials. The AIRSTRIP also enables smooth door operation at speeds of up to 2.5 m/sec.

ARA Manufacture | PENSA is the exclusive manufacturer of AUTO MOSSA products in Lower South East Asia and Pacific Islands including Tahiti.

Technical Specifications

TECHNICAL SPECIFICATIONS			
Standard size up to (W x H)	4000 x 6000mm	Mains connection	3PH + N + E / 400V 50/60Hz
Opening speed up to	2.5 m/s	2 x sets of inline photocells	Standard
Closing speed up to	0.6m/s	Flexible soft bottom edge	Standard
Insulated door blade (U value 0.9Wm2C)	Standard 30mm	Door blade knock-out & auto relocate capability	Standard
Wind resistance	Class 1 - 3 EN 12424	Top roll cover	Standard
Air strip	Standard	Motor cover	Standard
Variable speed drive	Standard	Curtain colour options	6 x Standard Colours
Control voltage	24V DC		

Clearance Details

