

CHILLFAST

HIGH SPEED FREEZER DOOR



High Performance, High Speed
Impactable Freezer Door System
for Food Processing and Distribution



*Tough 'n' Reliable
In Your Challenging
Environments*

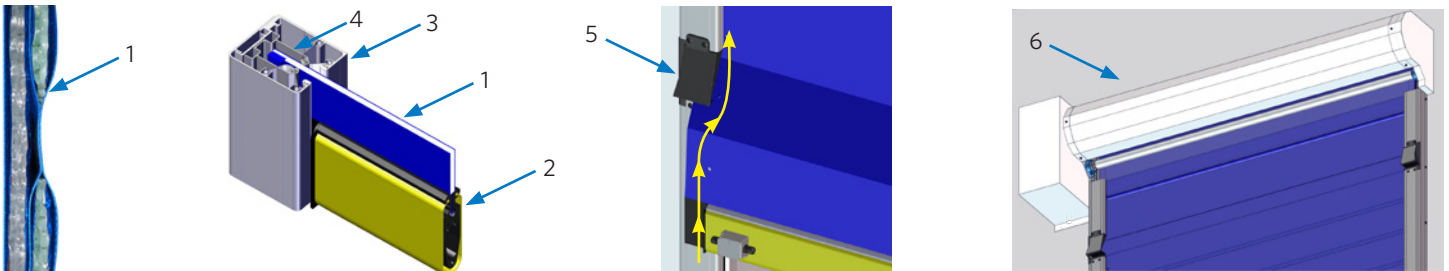
CHILLFAST FREEZER DOOR SYSTEM

Applications: Food and beverage processing, cold storage and distribution.

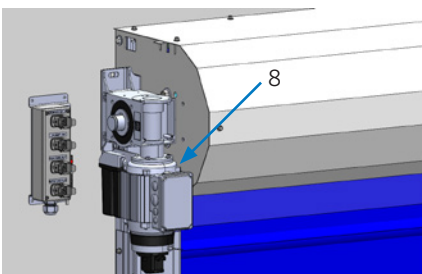
The CHILLFAST insulated high speed roll-up door system can sustain temperature ranges suitable for cold rooms, chill rooms and freezers.

This high speed door system minimizes temperature losses in cold spaces by reducing time door is open, providing substantial savings in energy consumption. Reduces ice build-up on components and walk-through areas. Standard Safety Features built into design to protect people and equipment. Designed for warm or cold side mounting. Optional heated air curtain provides further safety, efficiency and energy savings.

	Mechanical Feature	Description	Benefit
1	Insulated Vinyl Curtain - nom. 1/2" thick - up to 13"W x 18'6"H	Composite - 22 oz reinforced vinyl exterior layers, dual reflective foil layers, sealed air bubble core insulation with patented CurtainLoks™	Durable vinyl fabric exterior resistant to extreme temperatures -22°F (-30°C). Two year Warranty on curtain, CurtainLoks and bottom edge.
2	Soft Bottom Edge - heated	Flexible urethane extrusion with 2-wire electric safety reversing edge, yellow vinyl loop	Soft edge withstands accidental impact & prevents personal injury, assists seal on uneven floor
3	Heated Aluminum Guides - with Reversing Photo Eyes	Modular extruded profiles with grey anodized finish. UHMW-PE wear strips. Vinyl fabric front/back loop seals	Easy standard assembly and mounting of accessories. Corrosion resistant. Minimizes air infiltration. Includes pre-assembled thermal break layer to reduce ice build-up
4	Inlay Retention Guides	Aluminum profile with UHMW-PE wear strips ensure smooth door operation, curtain retention and reliable impact release	Improves curtain stability and durability. Releases safely upon accidental door impact.
5	Reset Guides	Lead-in guides and slots provide semi-automatic resetting of door	Facilitates fast and reliable door resetting after an impact
6	Roll Cover (standard) Operator Hood (optional)	White powder coated Aluminum hoods - Optional stainless steel or galvanized steel	Protects curtain roll and drive system from ice build-up, ensures reliable operation
7	Emergency Egress	Mechanical chain hoist	Allows safe exit through door in case of power failure



	Electrical Feature	Description	Benefit
8	Variable Frequency Drive System (VFD)	High speed, reliable 0.9 HP GfA ELEKTROMATEN® Operator - 5.3A, 230V Springless direct drive.	Soft start, soft stop, high speed, long life, energy efficient, up to 95 ips opening speed
9	NEMA 4X Control Panel 16" x 24"	Powder-coated steel enclosure, emergency stop, door control buttons, LED display, Plug and Play connections. Optional Stainless Steel enclosure.	Moisture proof, impact & corrosion resistant, easy control access, easy to install, no maintenance
	Factory-wired with Plug and Play	Standard cabling & connectors at control panel and heating & controls distribution blocks	Factory-wired control panel & quick connectors at operator reduce installation and maintenance labour
	Heater Cable System with GFCI protection	Electric heater cables in guides & bottom edge, GFCI protection built into panel	Prevents ice build-up, ensures safe and reliable operation. GFCI reduces electric shock and fire hazards.
	Air Curtain system (Optional)	Heated or non-heated air blower with plenum and mounting hardware	Improves energy efficiency of doorway, prevents ice build-up
	Controls & Safety (Optional)	Traffic Lights, Motion + Presence Detection, Light Curtains	



Warranty:

Five years or 1,000,000 cycles on operator with frequency drive.
Two years on all other parts and workmanship. Two years on vinyl curtain.

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