胜利门
BROADUP

HIGH SPEED
COLD STORAGE AIR CURTAIN DOOR

T292



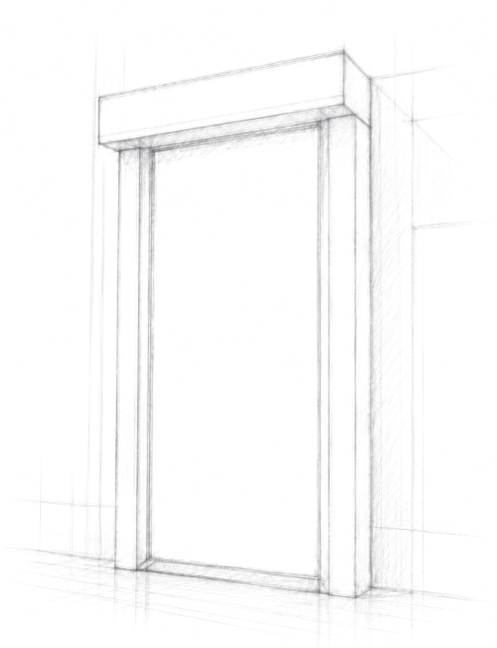
ENGINEERED
FOR EXCELLENCE
BUILT TO PERFORM.

High Speed
High Reliability
Enhanced Safety
Built to Last

PRODUCT DETAILS

ENGINEERED
FOR COLD STORAGE.
BUILT TO PERFORM.

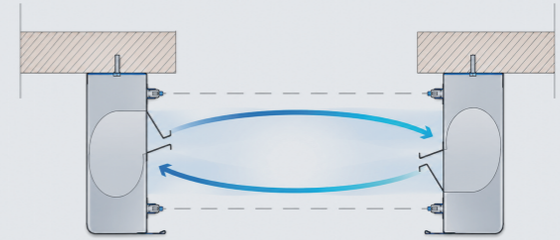
Every component is Precisely designed to enable cold-side installation, active anti-frost, high airtightness, and long-lasting durability.



01

Triple-layer insulation for superior thermal barrier performance.

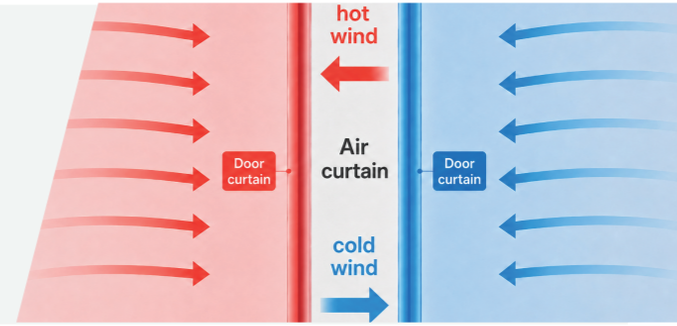
A double curtain combined with an air curtain creates a triple layer insulation barrier, effectively blocking external heat, preventing condensation and frost formation in door transition areas, and ensuring stable temperatures in cold storage rooms.



02

Bidirectional horizontal air curtain for a complete air wall

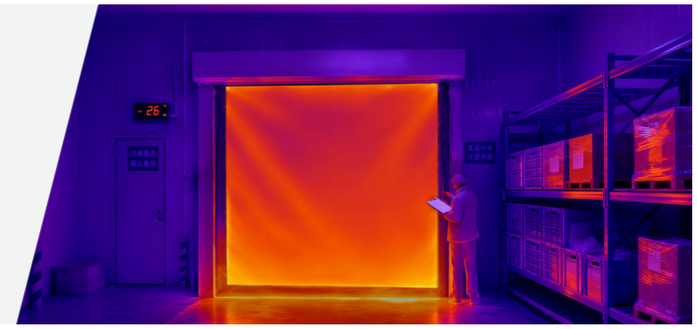
Horizontal air curtain (non vertical): upper airflow blocks outside hot air, lower airflow seals inside cold air. A continuous, stable air curtain covers the full door height, eliminating airflow decay blind spots for complete air separation.



03

Active anti-frost technology

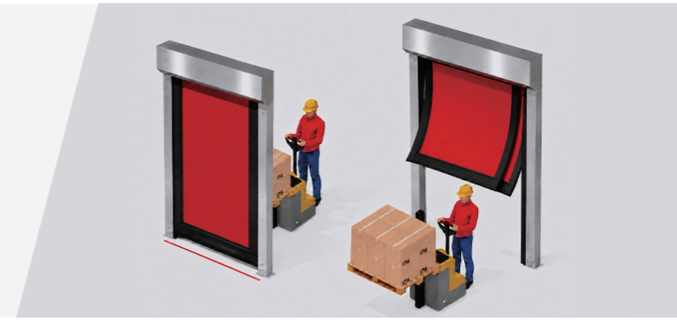
he door integrates a built in self heating circulating air system that keeps the curtain surface temperature at or above 0°C at all times. Even in a -25°C cold storage environment, no frost or ice forms – eliminating the need for manual defrosting and without any floor heating device.



04

Smart Reset, Enhanced Sealing, Safe & Reliable

Smart Reset, Enhanced Sealing, Safe & Reliable
Two-way auto-reset system self-recovers after accidental derailment. Narrow rail design improves airtightness and reduces cold leakage. Rigid-free curtain prevents damage to goods or injury to workers – safe and reliable.



USAGE SCENARIOS

ENGINEERED FOR PERFORMANCE.

BUILT FOR EVERY COLD STORAGE NEED.

01

High-Frequency Loading Docks in Cold Chain Logistics Centers

In large cold chain hubs, forklifts load at -30°C. T292' s triple insulation (double curtain + air curtain) blocks outside heat. Bidirectional air curtain seals cold in even when open. Active anti-frost needs no defrosting. Self-repair after forklift hits, narrower guides boost airtightness & save energy. High-grade material, strong build – meets cold chain hygiene standards.



02

Cross-Temperature Transition Passages in Pharmaceutical Cold Storage

Vaccine cold storage (+5°C to -30°C conveyor): T292 bidirectional air curtain – upper blocks heat, lower retains cold – stable pressure differential. Self heating avoids frost/condensation. Narrow rails enhance airtightness. Optional stainless steel, corrosion resistant, easy clean – meets pharma standards.



03

Old Cold Storage Retrofit Without Shutdown – T292 Cold Side Installation Solution

Retrofitting old cold storage doors often faces issues: no shutdown, no floor heating wire, frost. T292 installs on cold side – no need to remove old door or stop operation. Active anti frost needs no floor heating; curtain stays ice free. Self repair + narrow guides improve efficiency. Remove old door after new one is installed.



SPECIFICATIONS

CHARACTERISTICS

Max.dimensions	W 4000mm x H 4400mm
Opening speed	1.0m/s-1.8m/s
Closing speed	0.5m/s-1.0m/s
Air permeability	Great
Structure covers	Galvanised Option:Stainless steel
Curtain heating system	0.8mm * 2pcs door curtain and Air Curtain
Safety devices	Infrared barrier And Radio safety edge
Emergency switch	Resettable door curtain optional: UPS
Advised operating tem	35°C to -35°C
Motor	Power 1.5kW IP rating：IP65
Control box	Provided with：Open/Close button, Emergency switch,supply switch
Colour option	RAL5002 RAL7046 RAL1003 RAL2004 Other colors can be customized

ROBUST & DURABLE
Built to last

EXCELLENT SEALING
Minimizes air leakage

SAFE & RELIABLE
Multiple safety protections

SMOOTH OPERATION
High performance and efficiency

EASY MAINTENANCE
Simple structure, easy service

BROADUP

ABOUT US

Founded in 2005, Victory Door is an industrial door manufacturer integrating R&D, production, and sales. With factories in Guangzhou and Hebei, and an R&D team in Beijing, we adhere to Quality First – strict in-house quality control from raw materials to finished products. All doors are CE, SGS, EMC, and IEC certified, and produced in our own facilities. Product range: cold storage doors (-30°C), cleanroom doors (SGS ISO 6/7), high-speed doors, stacking doors, spiral doors, and loading bay systems. Quality is our culture, from our factory to your door.

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