

CoolGate

Cold Storage Doors

COOLSWAY as single window solution for cold storage



COOLSWAY has trademarked its doors as CoolGate. It has its own R&D division to develop doors. Keeping in mind Indian requirements, environmental conditions and cost effectiveness, doors are designed. Continual R&D is carried out based on various feedbacks.



CoolGate™ Door Types

- Sliding Doors
- Swing Doors
- Medical Utility Doors
- CA Doors
- Hatch Doors

Why CoolGate™ Doors

- Own R&D
- Robust design
- Cost effective
- Best of the accessories

Special Features CoolGate™ Doors

Specially designed gasket and gasket holder to provide hermetical sealing

Rising hinges in swing doors so that at time of operating the door, the sweep gasket does not rub with floor, gives long life.

Fluorescent emergency knob to provide illumination at dark.

3D movement arrangement in sliding doors

Specially designed gasket for CA doors



ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certified company



www.coolsway.com

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+91-120-4692600

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Swing Doors



Features

- Very Low Heat Leakage
- Robust Design
- Low Maintenance cost
- Suitable For Chiller, Freezer and Blast Freezer Application
- Suitable for Food Industry, Medical Industry and for clean Rooms
- Rust and Maintenance free parts on exposed and moving areas.

Technical Specification

Door

Thickness of Door varies as per Requirement

For Chiller Application 80mm

For Freezer Application 120mm

For Blast Freezer Application 150mm

With pre coated sheet of 0.6mm thickness on both sides.
S.S. 304 Sheet can be provided on demand.

Opener

Imported Openers with inbuilt locking system. Optionally imported in SS may be provided.

Emergency Release

Emergency release with fluorescent knob is available inside

Gasket

Very Flexible specially designed EPDM Gasket to provide hermetic sealing. Specially designed gasket holder with gasket is key factor in deciding sealing.

C-Flashing

1 mm. Pre coated C-Flashing

Wall Frame

Heavy Density PU Filled Wall frame made by pre coated sheet of 0.6 mm thickness Available with /without heater depending on

Counter Wall Frame

Counter wall frames are provided on demand

Hinges

Heavy Duty Rust free Self lubricating Imported rising Hinges

Sizes

900 • 1800, 900 • 2000, 1000 • 2000, 1200 • 2100

Accessories on demand

Vision Glass

Vision glass available for chiller application doors only
Available in various sizes depending on customer requirement.

Bumper

Round and Square door bumpers made up of S.S. 304 For Hit Protection of doors

Kick Plate

Checkered S.S.304 Plate with 1.2 mm thickness in different sizes for trolley Hit Protection

Installation Hardware

S.S.304 Fasteners provided with door for installation



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Sliding Doors

Technical Specification

Door

- Robust frame for long life and lesser heat dissipation
- Thickness of panels varies as per Requirement
 - For Chiller Application 80mm
 - For Freezer Application 120mm
 - For Blast Freezer Application 150mm

Opener

- Indigenous S.S. 304 Lever Openers for heavy Doors
- D-Type Indigenous Openers Made from S.S. 304 for lighter doors

Track

- Heavy Duty Anodized Aluminium rail with up to 9 mm door dip.
- Can be used for doors up to 400kg weight
- With/without Automation option is available.

Gasket

- Very Flexible specially designed EPDM Gasket to provide hermetic sealing. Specially designed gasket holder with gasket is key factor in deciding sealing.

Canopy

- GI Canopy with powder coating. Colour as per customer demand
- Aluminium Canopy also Available on demand

C-Flashing

- 1 mm. Pre coated C-Flashing

Wall Frame

- Heavy Density PU Filled Wall frame made by pre coated sheet of 0.6 mm thickness
- Available with /without heater depending on application

Counter Wall Frame

- Counter wall frames are provided to provide strength for heavy door.

Wheel Chair

- Specially designed wheel chair provides smooth and sturdy movement to door frame.

Three Dimensional Adjustment

- Three dimensional adjustment provided to adjust the door to provide hermetical sealing.



Features

- Very Low Heat Leakage
- Robust Design
- Low Maintenance cost
- Suitable For Chiller, Freezer and Blast Freezer Application
- Suitable for Food Industry, Medical Industry and for clean Rooms
- Rust and Maintenance free S.S. 304 parts on exposed and Moving Parts
- Imported Automation mechanism

Accessories on demand

Vision Glass

Vision glass available for chiller application doors only Available in various sizes depending on customer requirement.

Lock

Padlock with/without emergency release.

Bumper

Round and Square door bumpers made up of S.S. 304 For Hit Protection of doors

Kickplate

Checkered S.S.304 Plate with 1.2 mm thickness in different sizes for trolley Hit Protection

Installation Hardware

S.S.304 Fasteners provided with door for installation



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Standard Sizes

Door Type	Application	Temperature	Thickness	CoolGate Standard Sizes Availability in M				
				1.2x2.1	1.5x2.0	1.8x2.4	2.4x2.4	3.0x3.0
Sliding	Chiller	Up to -5° C	80 mm	√	√	√	√	√
	Freezer	Up to -25° C	120 mm	√	√	√	√	√
	Blast	Up to -40° C	150 mm	√	√	√	√	√
Swing	Chiller	Up to -5° C	80 mm	√	√	√	√	√
	Freezer	Up to -25° C	120 mm	√	√	√	√	√
	Blast	Up to -40° C	150 mm	√	√	√	√	√

Accessories and Hardware

Door Type	Application	Automation	Lock	Heating	3D Movement	Rising Hinges	Emergency Release	Vision Glass	Kickplate
Sliding	Chiller	X	√	X	√	X	√	√	√
	Freezer	X	√	√	√	X	√	X	√
	Blast	X	√	√	√	X	√	X	√
Swing	Chiller	X	√	X	X	√	√	√	√
	Freezer	X	√	√	X	√	√	X	√
	Blast	X	√	√	X	√	√	X	√

For any enquiry, please contact:



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*All data, design, specifications and calculations are indicative and for reference only. This may be changed.

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