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INSULATED DOORS

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Design 30/10/2020 TP. HCM

DIRECTOR

HUỲNH NGỌC THƯƠNG

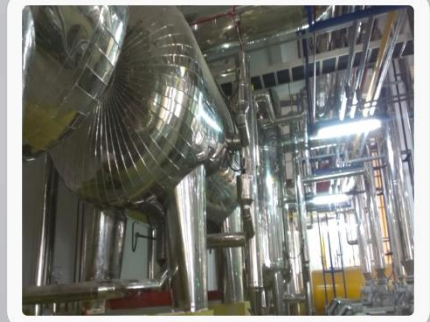
**THUONG VIET INSULATION
ENGINEERING CO., LTD**

Thương Việt is a supplier of **insulated sandwich panels** with fire-resistant and thermal/acoustic insulation properties, suitable for partitions, ceilings, and flooring in residential buildings and industrial facilities. Our product range includes: PU roof panels for external roofing applications in factories and warehouses

PU/EPS panels for **clean rooms** and **cold storage rooms**

Insulated doors and cleanroom doors manufactured in-house

With a team of over **10 experienced engineers** and **50+ skilled production workers**, we are capable of delivering high-quality, cost-competitive products. Our goal is to become one of Vietnam's leading manufacturers in **insulated door systems and cleanroom solutions**.



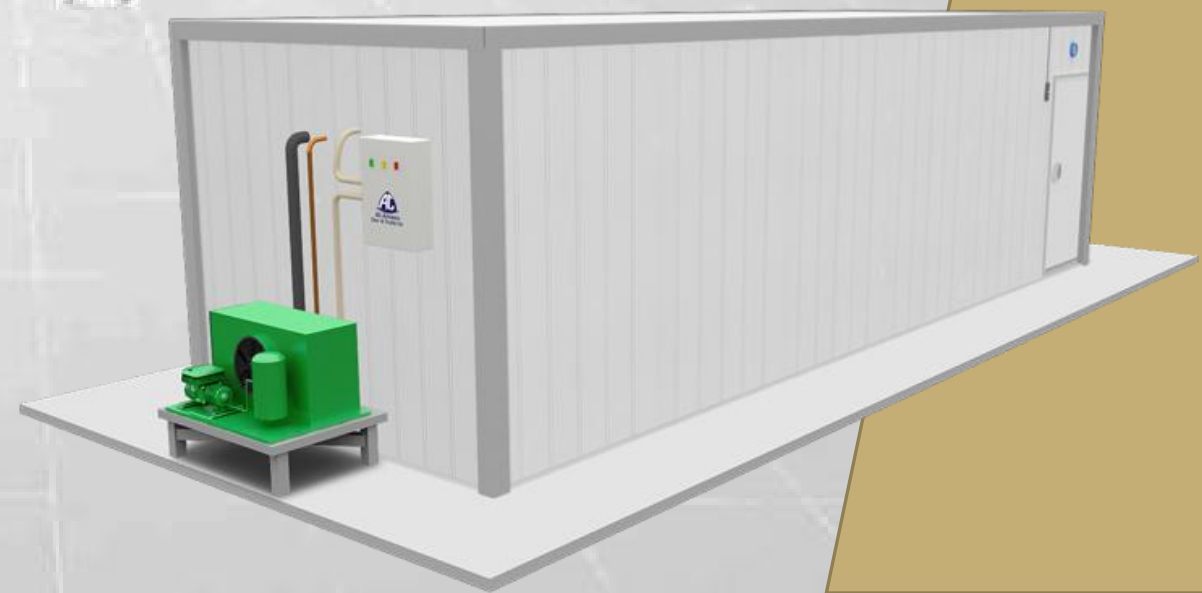
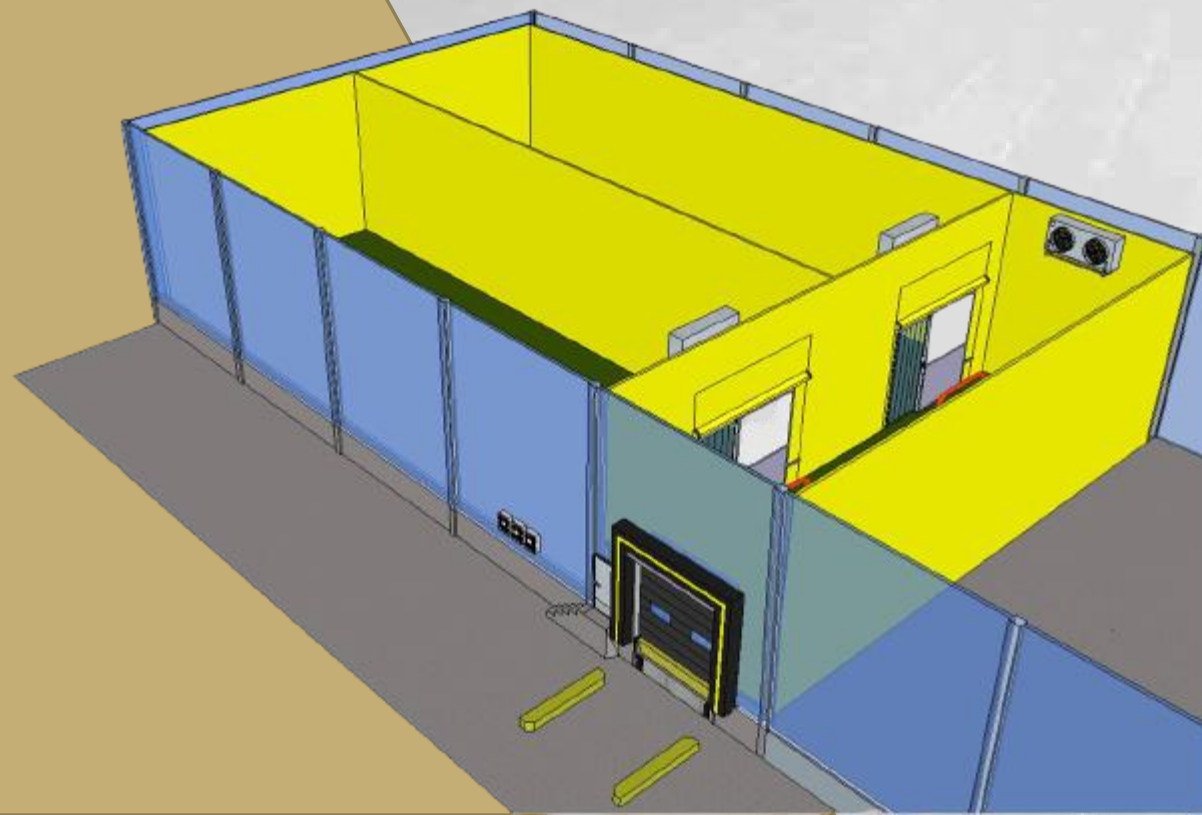
OUR OBJECTIVES

- *To provide customers with comprehensive thermal insulation, acoustic insulation, and heat protection solutions*
- *To design, supply, and install insulated doors, cleanroom doors, and industrial cold storage doors*
- *To continuously innovate and improve technology, enhancing product performance and quality*
- *To deliver high-quality products at competitive prices, supported by dedicated and professional customer service*

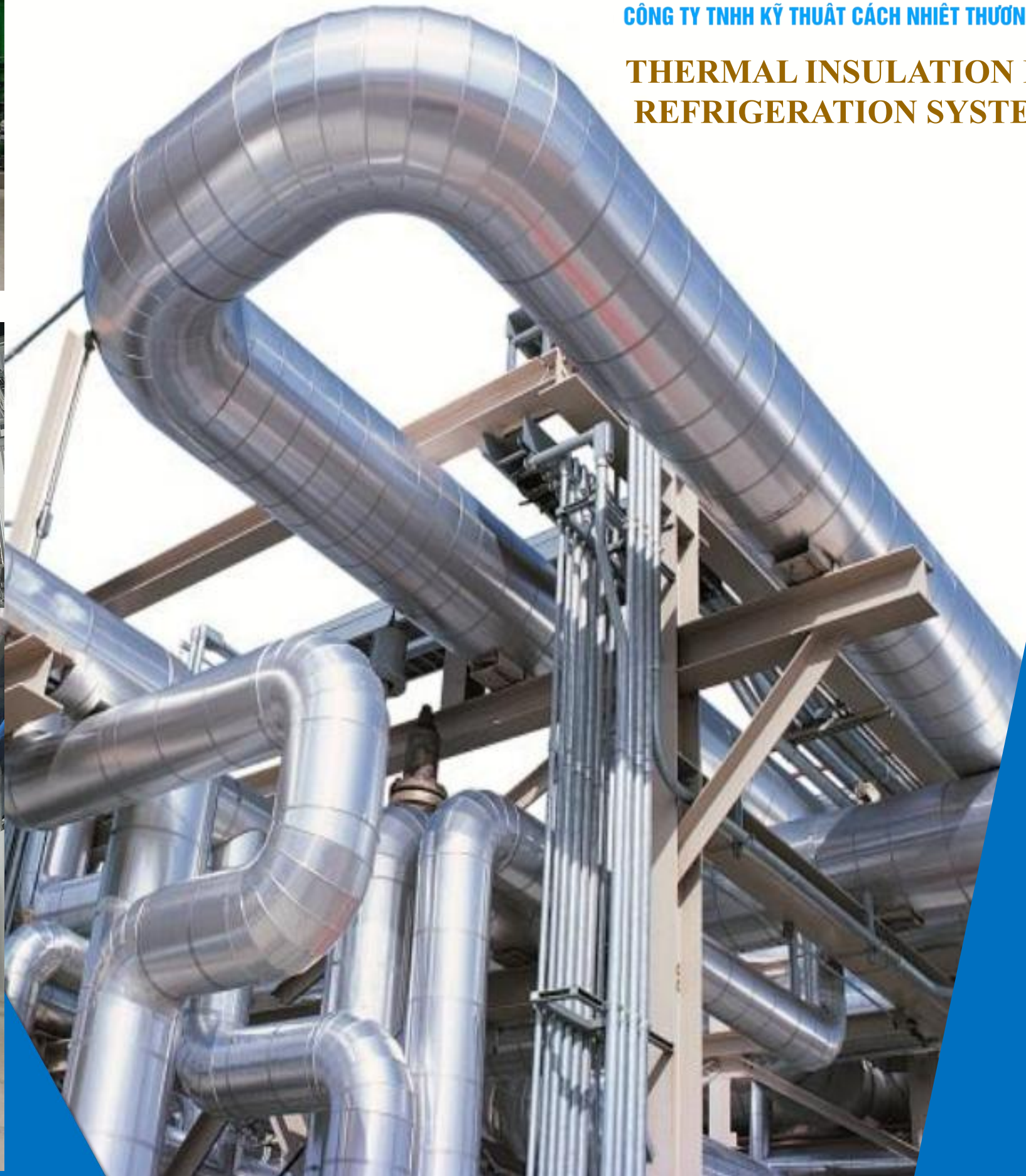
INSTALLATION OF COLD STORAGE PANEL SYSTEMS & COLD ROOM DOORS



INSTALLATION OF REFRIGERATION SYSTEMS



THERMAL INSULATION FOR REFRIGERATION SYSTEMS





STANDARD DIMENSIONS

Insulation & Accessories	Material	Door Swing	Dimensions (mm)
Polyurethane insulation Lock handle & hinges from France or Italy Anti-entrapment mechanism Heating resistance for frame and threshold (according to temperature) Allowable thickness: 100 mm, 125 mm	TOLE / INOX	Left / Right	1000 x 2200
	TOLE / INOX	Left / Right	2000 x 3000





STANDARD DIMENSIONS

Insulation & Accessories	Material	Door Swing	Available Dimensions (W x H)
Polyurethane insulation Lock handle & hinges from France or Italy Anti-entrapment safety system Electric heating resistance for frame and threshold (temperature controlled)	TOLE / INOX	Left / Right	• 900 × 1800 mm • 900 × 2200 mm • 1000 × 2200 mm • 2000 × 3000 mm - Thickness options: 75mm, 100mm, 125mm, 150mm, ... - Other sizes available as per customer request

HINGED INSULATED COLD ROOM DOOR

DOUBLE-LEAF SLIDING INSULATED COLD ROOM DOOR



STANDARD DIMENSIONS

Insulation & Accessories	Material	Door Swing	Available Dimensions (W x H)
Polyurethane insulation Lock handle & hinges from France or Italy Anti-entrapment safety system Electric heating resistance for frame and threshold (temperature controlled) Thickness: 100mm, 125mm	TOLE / INOX	Left / Right	• 2000 × 2200 mm • 3000 × 3500 mm • Other sizes available as per customer request



SUPPLY & INSTALLATION OF CLEANROOM PANELS AND CLEANROOM DOORS



Insulation & Accessories	Material	Door Swing	Available Dimensions (W x H)
Panel: • Colorbond steel sheet 0.45mm on both sides • PU foam core 42mm thick, density 40kg/m³ Frame: • Cast aluminum 1.2mm thick (Clean Room standard) • Sealing joint on frame to prevent cold air leakage Hardware: • Stainless steel lever handle, lock cylinder & hinges • Automatic hydraulic door closer (prevents cold air loss) • Accessories from Vietnam & Taiwan Observation Window: • 400W × 600H mm • 5mm thick single-layer tempered glass	TOLE / INOX	Left / Right	• 1500 × 2000 mm • • 2000 × 2200 mm • • Other sizes available as per customer request



SUPPLY AND INSTALLATION OF CLEAN ROOM PANELS & CLEAN ROOM DOORS

STANDARD DIMENSIONS



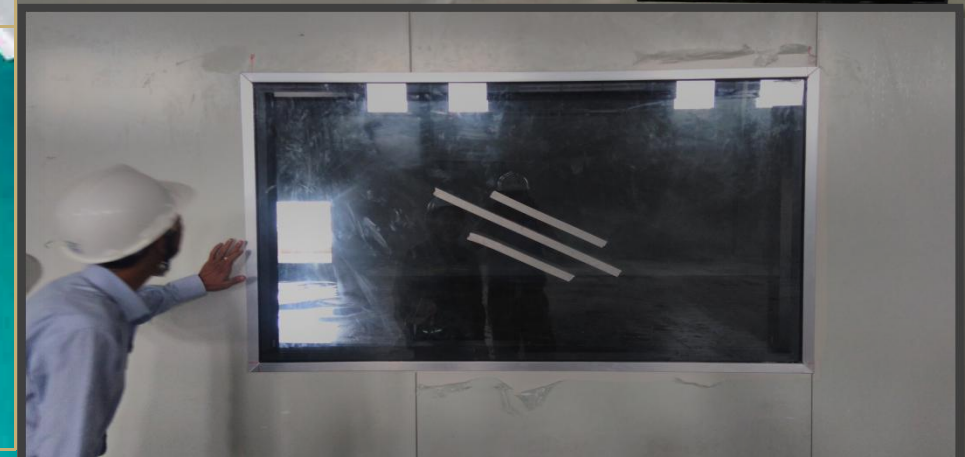
Description	Material & Specifications	Available Dimensions (W x H)
Clean Room Single Leaf Hinged Door	Panel: • Colorbond steel sheet 0.45mm (both sides) • PU foam core 42mm thick, density 40kg/m ³ Frame: • Cast aluminum 1.2mm thick (Clean Room standard) • Sealing joint on frame to prevent air leakage Hardware: • Stainless steel lever handle, lock cylinder & hinges • Automatic hydraulic door closer • Accessories made in Vietnam & Taiwan Observation Window: • 400mm (W) × 600mm (H) • 5mm thick single-layer tempered glass	• 800 × 2000 mm • 900 × 2200 mm • 1000 × 2200 mm • Custom sizes available upon request





STANDARD DIMENSIONS

Description	Material & Specifications	Note
Fixed Observation Window (Cửa sổ quan sát cố định)	• Frame: Cast aluminum, specially designed according to Clean Room standards • Glass options: - 1 Layer: 5mm thick tempered glass - 2 Layers: Double glazed tempered glass (with air gap for better insulation) • Airtight sealing design	Available upon customer request



AUTOMATIC SLIDING CLEANROOM DOOR



STANDARD DIMENSIONS

Description	Material & Specifications	Type	Available Dimensions (W x H)
Automatic Sliding Clean Room Door	Panel: • Colorbond steel 0.45mm or Inox 0.5mm (both sides) • PU foam core 42mm thick, density 40kg/m ³ Frame: • Cast aluminum 1.2mm thick (Clean Room standard) • Sealing joints to prevent air leakage Hardware: • Stainless steel lever handle, lock & hinges • Automatic motor with sensor button control (open/close) • Accessories from Vietnam & Taiwan Observation Window: • 400 × 600 mm • 5mm thick single-layer tempered glass	1 Leaf (1 cánh) 2 Leaves (2 cánh) 2 Leaves (2 cánh)	• 900 × 2000 mm • 1800 × 2200 mm • 2000 × 3000 mm • Custom sizes available upon request



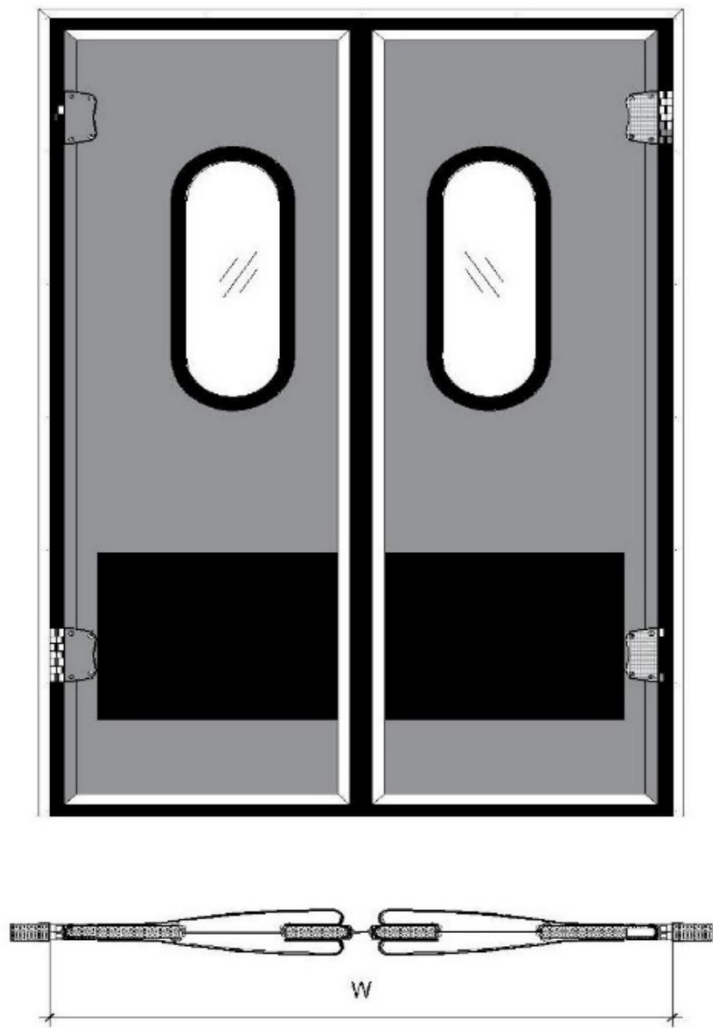
DOUBLE-LEAF SLIDING CLEANROOM DOOR



STANDARD DIMENSIONS

Descripti on	Material & Specifications	Type	Available Dimensions (W x H)
Automati c Sliding Clean Room Door	Panel: • Colorbond steel 0.45mm or Inox 0.5mm (both sides) • PU foam core 42mm thick, density 40kg/m ³ Frame: • Cast aluminum 1.2mm thick (Clean Room standard) • Sealing joints to prevent air leakage Hardware: • Stainless steel lever handle, lock & hinges • Automatic motor with motion sensor control (open/close) • Accessories from Vietnam & Taiwan Observation Window: • 400 × 600 mm • 5mm thick single-layer tempered glass	1 Leaf (1 cánh) 2 Leaves (2 cánh) 2 Leaves (2 cánh)	• 900 × 2000 mm • 1800 × 2200 mm • 2000 × 3000 mm • Custom sizes available upon request

SUPPLY OF 180° SWING DOORS



STANDARD DIMENSIONS

Description	Material & Specifications	Type	Available Dimensions (W x H)
180° Swing Clean Room Door	Panel: • Colorbond steel 0.45mm or Inox 0.5mm (both sides) • PU foam core 42mm thick, density 40kg/m ³ Frame: • Cast aluminum 1.2mm thick (Clean Room standard) • Sealing joints to prevent air leakage Hardware: • 180° opening hinges • Stainless steel lever handle & lock • Accessories from MTH (YTALIA – Italy) Observation Window: • Oval shape, 400 × 600 mm • 5mm thick mica (polycarbonate)	1 Leaf (1 cánh) 2 Leaves (2 cánh) 2 Leaves (2 cánh)	• 900 × 2000 mm • 1800 × 2200 mm • 2000 × 3000 mm • Custom sizes available upon request



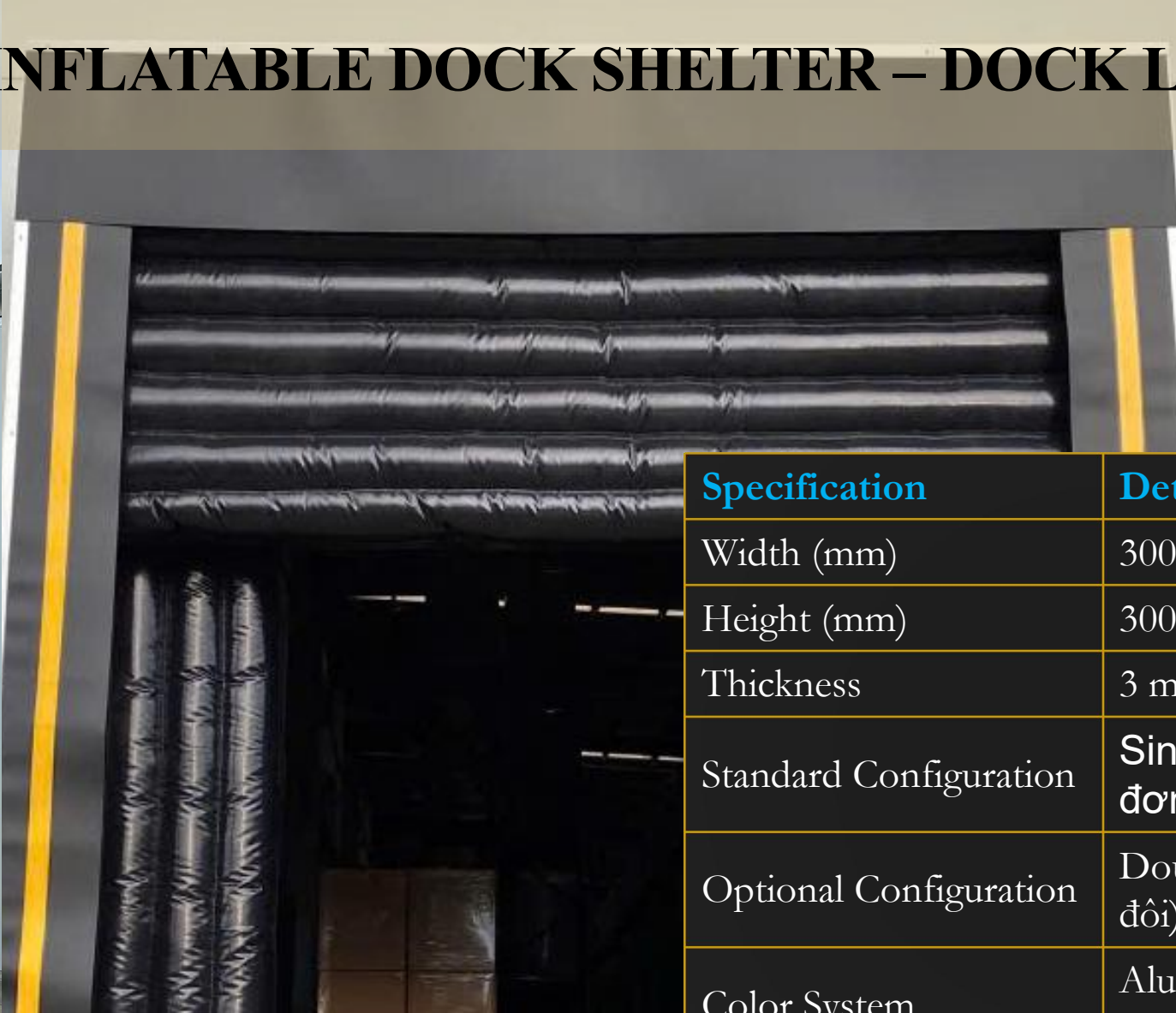
OVERHEAD DOOR

STANDARD DIMENSIONS

Description	Material & Specifications	Door Type	Available Sizes
Overhead Insulated Sectional Door (Used for loading bays, warehouses, cold rooms & food processing factories)	Panel: • PU foam insulation 42mm thick • Colorbond steel sheet 0.45mm on both sides Key Features: • Prevents cold air loss and insect entry • Excellent performance in high-humidity and cold storage environments • European components from Doorhan • Electric operation with remote / button control • Automatic safety brake (if cable breaks) • Perimeter sealing gaskets • Spring balance system + automatic cables for smooth operation	Vertical Lift (Trượt thẳng đứng) 90° Corner Lift (Trượt vuông góc 90 độ)	Custom sizes available upon customer request



INFLATABLE DOCK SHELTER – DOCK LEVELER



Specification	Details
Width (mm)	3000, 3200, 3400
Height (mm)	3000, 3200, 3400, 4400
Thickness	3 mm
Standard Configuration	Single Layer (Lớp đơn)
Optional Configuration	Double Layer (Lớp đôi)
Color System	Aluminum intrinsic color (RAL 9006)



DOCK LEVELER



Description	DKL-12HE-1820 DKL-14HE-1820 DKL-16HE-1820	DKL-12HE-2022 DKL-14HE-2022 DKL-16HE-2022	DKL-12HE-2025 DKL-14HE-2025 DKL-16HE-2025
Model	DKL-12HE-1820 / 14HE-1820 / 16HE-1820	DKL-12HE-2022 / 14HE-2022 / 16HE-2022	DKL-12HE-2025 / 14HE-2025 / 16HE-2025
Load Capacity	12,000 / 14,000 / 16,000 kg	12,000 / 14,000 / 16,000 kg	12,000 / 14,000 / 16,000 kg
Dock Platform Size (W x L)	1,800 × 2,000 mm	2,000 × 2,200 mm	2,000 × 2,500 mm
Lift Height	400 mm	400 mm	400 mm
Upward Operating Range	1,000 mm	1,000 mm	1,000 mm
Downward Operating Range	300 mm	300 mm	300 mm
Pit Dimension (L x W x H)	2,010 × 1,860 × 510 mm	2,210 × 2,060 × 510 mm	2,510 × 2,060 × 510 mm
Pump Power	HYDR-APP 0.75 kW	HYDR-APP 0.75 kW	HYDR-APP 0.75 kW
Material	Stainless Steel 304 (anti-rust) Anti- slip surface High corrosion resistance	Stainless Steel 304 (anti-rust) Anti- slip surface High corrosion resistance	Stainless Steel 304 (anti-rust) Anti- slip surface High corrosion resistance

Specification	Details
Product Name	High-Speed PVC Roll-Up Door
Description	Fast operating, energy-saving, high insulation roll-up door ideal for industrial warehouses and high-traffic areas
Installation Location	Indoor & Outdoor
Maximum Size	6000 mm (Width) × 6000 mm (Height) (Custom sizes available upon request)
Frame	Aluminum Alloy or Stainless Steel (Inox)
Door Curtain	High-strength Polyester fabric with PVC coating
Power Supply	Input: 220V / 1 Phase / 50Hz Output: 380V / 3 Phase / 50Hz
Operating Speed	0.8 – 2.0 m/s (adjustable)
Temperature Range	-5°C to +55°C
Protection Rating	IP55
Safety Device	Infrared Photocell Sensor
Control Methods	Radar sensor, Induction loop, Remote control
Special Feature	Dual encoder system with external encoder for precise synchronized operation
Color Options	RAL 9003, 1015, 1003, 2004, 3002, 5015, 5010, 6062, 7037, 9005
Standards	ISO 9001:2015, EN 60204-1, RoHS, HACCP, GMP

