

Cold Aisle Containment



3C3® Aisle Containment system is a customizable, row-specific thermal solution that divides cold and hot air pathways within a data center. This separation occurs directly at the source, which enhances airflow control, resulting in better cooling performance and consistency. By containing thermal zones at the row level, the system boosts cooling effectiveness and reliability, making it suitable for both targeted zones and entire data center installations. Doors are manually opened and closed automatic with the help of gas spring that prevents doors from being accidentally left open.

Features

- It can be implemented in both newly built (Greenfield) and existing (Brownfield) data center environments.
- Allows for the separation of hot and cold aisles, optimizing cooling system performance while reducing energy consumption.
- It is extremely flexible, can be easily scaled, expanded, and is ideal for upgrades.
- Cabinets ranging from 42U to 52U provide enhanced versatility
- Powder coated finishes with Seven Tank pre-treatment process.

Technical Specifications

Construction	: Completely Knocked-Down Condition (CKD)
Main Frame	: Steel Frame
Adjustable frame	: Cabinets from 42U to 52U
Aisle Door	: Single or Dual Lockable Toughened Glass (800 mm / 1200 mm / 1800 mm)
Adjustable Roof	: Single/Multi Panel Toughened Glass (300 mm ~ 2000 mm)

Note: Image shown here is only for reference

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Accessories

- Filler Panel.
- Binding Plates
- Support Pillar
- Mounting Hardware

Ordering Information

Product Code	Description	
437DE-XXXX	Cold Aisle Containment D = Components 1 = Sliding Door 2 = Adjustable Roof 3 = Filler Panel	
4371E-XXXX	Sliding Door E = 1 – Single Glass Door 2 – Dual Glass Door XX = Dimension of Width mm	XX = Dimension of Height mm
	01 – 800 mm	42 – 42U
	02 – 1200 mm	45 – 45U
	03 – 1800 mm	52 – 55U
4372E-XXXX	Adjustable Roof E = 1 – Single Panel 2 – Multi Panel XX = Dimension of Width*Height mm	XX = Dimension of Depth mm
	01 – 800x300 mm	01 – 3200 mm
	02 – 1200x600 mm	02 – 6400 mm
	03 – 1800x1200 mm	
4373E-XXXX	Filler Panel E = 1 – Horizontal Panel 2 – Vertical Panel If E = 1, Horizontal Panel XX = Dimension of Length mm	XX = Dimension of Width mm
	01 – 800 mm	01 – 800 mm
	02 – 1000 mm	02 – 1000 mm
	03 – 1200 mm	03 – 1200 mm
	If E = 2, Vertical Panel XX = Dimension of Width mm	XX = Dimension of Height mm
	01 – 800 mm	42 – 42U
	02 – 1000 mm	45 – 45U
	03 – 1200 mm	52 – 55U