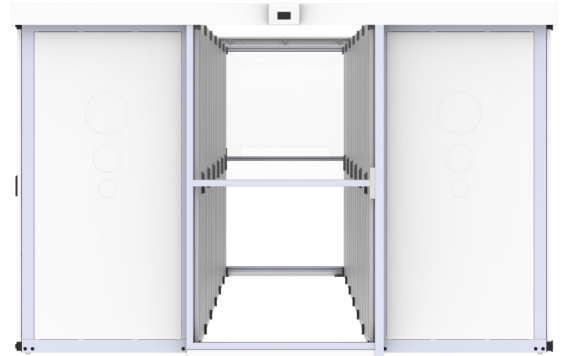


## Aisle Containment

Many years of innovation and experience accumulated at USystems producing cutting edge data center solutions has been channelled into developing the most effective and efficient aisle containment systems currently available.

Thermodynamically advanced, cost and energy efficient, our solutions incorporate Horizontal (flat roof) and Vertical solutions spanning hot aisle or cold aisle options all of which improve cooling efficiencies specific to your data center requirements. Each style of containment can be designed around multiple height cabinets without affecting thermal performance.



### Benefits

- Up to 60% energy savings
- Thermodynamically advantageous
- Enhanced efficiency
- Hot or cold aisle versions
- Cost effective
- Low-maintenance
- Custom built
- Quick and easy installation
- Modular
- Retrofittable
- Re-locatable
- Expandable



## Containment Technical Specifications

General		
Item	Measurements	
Aisle Width	mm	1000 or 1200
Overall Width	mm	min 3000 max 3600 (Depending on cabinets spec'd)
Standard Row Height	U/mm	42U/1866.9mm, 47U/2089.15mm, 48U/2133.6mm
Overall Height	mm	
Colours	Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss	
Materials	Referenced below	
Standardisation	CE	
Particular parts		
Item	Material	
Fixed Roof Panel	Frame 1.2&1.5mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss 2x Window 4.0mm Clear Polycarbonate	
Shrink Away Roof Panel	Frame 1.2&1.5mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss 2x Window 0.33mm Transluminous Rigid Vinyl	
Rack/InRow to Roof Brackets	1.2mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss	
Filler Roof Panel	Frame 2.0mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss Foamed PVC Panel 10mm	
Aisle End Barrier Panel	Frame 1.5mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss	
Aisle Single Leaf Doors (Manual and Electronic Non Lock)	Lintel 0.9mm(Stainless Steel),1.2,1.5&2.0mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss Goal Post and Door Frame – 42.5mm x 42.5mm Anodised Aluminium Extrusion Door Window – 4mm Clear Polycarbonate	
Aisle Single Leaf Doors (Electronic Locking)	Lintel 0.9mm(Stainless Steel),1.2,1.5&2.0mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss End Frame – 1.2mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss Door Frame – 42.5mm x 42.5mm Anodised Aluminium Extrusion Door Window – 4.0mm Clear Polycarbonate	
Rack/InRow Barrier Panel	Frame 1.2&1.5mm Steel - Powder Coated Black RAL9005 Semi-Gloss or Grey RAL7035 Semi-Gloss Foamed PVC Panel 10mm	