



Description

SRA's retro-fittable Containment System can be used to drastically reduce cooling costs in both brownfield and Greenfield data centres. Separating the hot and cold air streams in a data centre gives much greater control over air temperatures and makes your cooling infrastructure work more effectively and efficiently. This means that CRAC units can be run with higher return temperatures resulting in lower power usage. Introducing air containment is possibly the most effective way to improve Power Usage Effectiveness (PUE) in an existing brownfield data centre.

Other vendors' Containment Systems are built with a one size fits all mentality resulting in gaps and ineffective sealing. Every gap in the Containment System means a higher operating cost in the data centre. SRA's Containment System uses the same design and installation methods proven in the iPAMM Cell product which are air tight and contain gaseous fire suppressants.

With complete control over the design and manufacture, we can fit a containment system to any room to suit any racking configuration. Our Containment System can fit to racks of different widths, heights and depths, non-SRA cabinets and we can accommodate any aisle width. SRA's flexible Containment Systems can be integrated with new or existing In-Row, perimeter or overhead ducted cooling systems.



Construction

The SRA Containment System is a robust aluminum extrusion construction that allows flexibility when used in customized solutions. It provides exceptional strength and support whilst minimizing weight. The profile and construction are aesthetically appealing, and the standard system can easily accommodate all types and sizes of cabinets.



Doors

Available with sliding or hinged doors. A choice of window panels in clear, tinted, frosted or solid 6mm toughened glass. Hinged doors are available in double and single door configurations with custom left and right door sizes. The toughened glass doors provide the ability to install common access control systems and are fitted with auto closers on both swing and sliding models.



Roof

Clear panels mean no extra lighting is required. Available with fixed or sliding panels. Fixed panels can have building services installed such as fire detection and suppression or security sensors. SRA's Containment System can utilize a riser panel to provide extra head room in the contained aisle allowing doors to be lifted off hinges when required.

