

MELTAWAY CEILING CONTAINMENT SYSTEM



Get To Know Us

Data Clean Asia specializes in maintenance and the identification, cleaning, and remediation of contamination. We provide maintenance services for a variety of controlled environments, from data center to cleanrooms. Data Clean has been serving our clients with Airflow Management to Eliminate Bypass Airflow, Raise Set Points, Lower PUE and Eliminate Hot Spots .

Our customer list reads like the Who's Who of the corporate world such as Singtel, AStar, IBM, StarHub, Keppel Datahub and Equinix just to name a few.

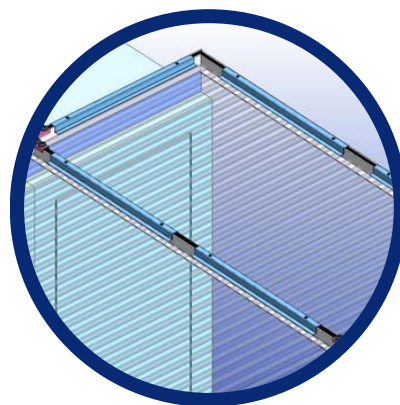
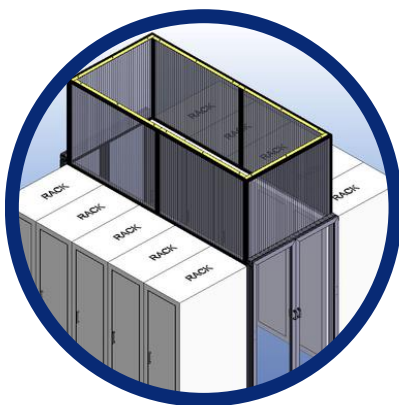


Hot/Cold Aisle Containment Solution

Data Clean Asia is your choice for world-class mission critical solutions

Data Clean Asia has been the leading manufacturer of hot aisle containment solutions for new data center construction and retrofits, delivering turnkey projects with innovative solutions.

Hot aisle containment enhance the design by retaining the cold air in the cold aisle and eliminating hot air from the cold aisle. By closing off partial of the above rack approximate 2FT high, it stops the hot air from mixing with the cold air. This provides a consistent inlet temperature to the servers while helping the CRAC units to operate more efficiently with higher return temperatures. In a typical data center that is configured using hot aisles and cold aisles, the cold air from the cold aisles wraps around the ends of the aisles and mixes with hot air before it has a chance to get to the CRAC. This lowers the exhaust air temperature before it returns to the CRAC inlet. Lower CRAC return temperature cause the CRACs to short cycle which causes additional inefficiencies and higher energy costs.



With so much effort to improve the efficiency of data centers. Partial containments is one of the proven ways to eliminate hot-spots, reduce cold-air loss, and cut energy dollars.

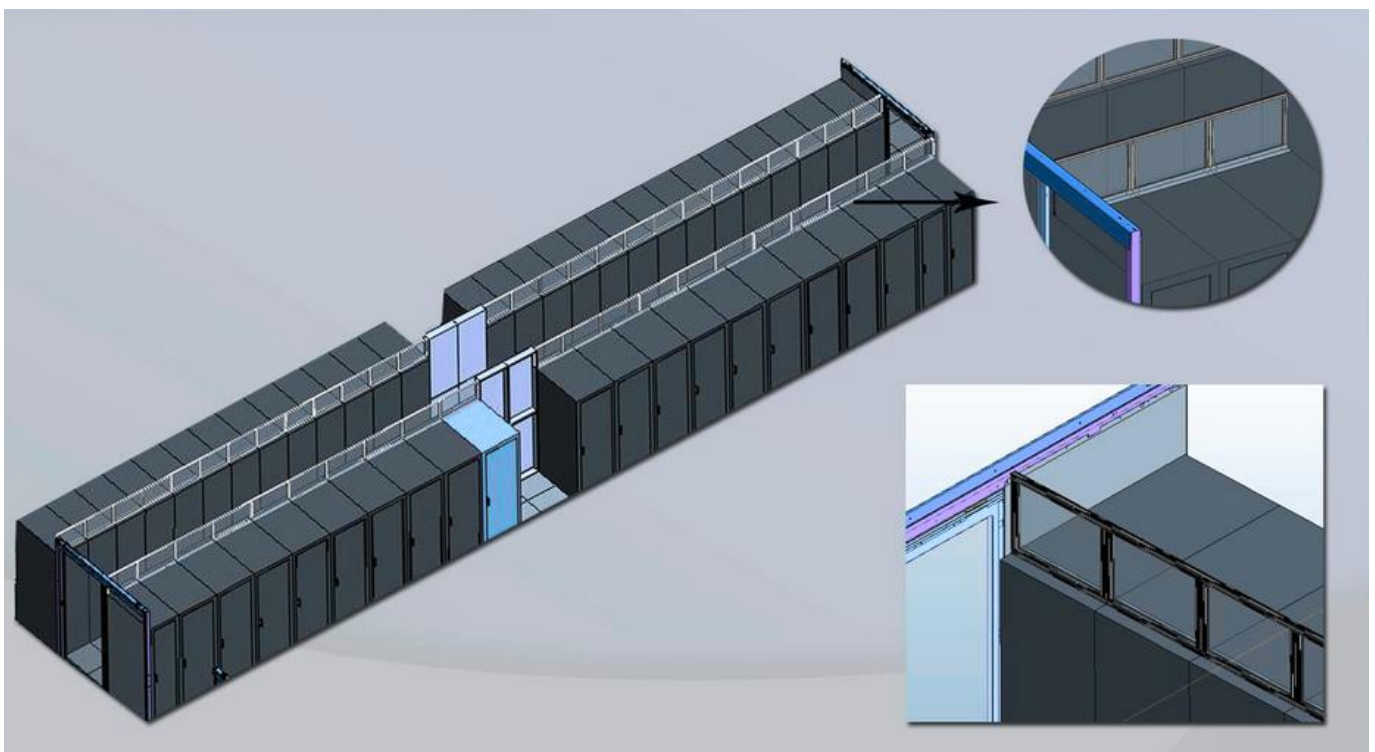
These vertical or horizontal panels are available in various supported models and can be customized to fit any application and to the design and needs of your critical environment for any application.

Made of aluminum framing with clear or frosted inserts, these containment panels are lightweight, cost effective and so easy to install.

Full Containment

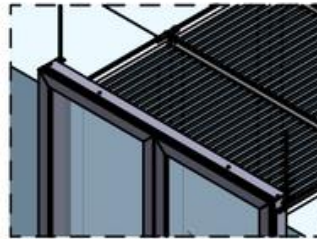
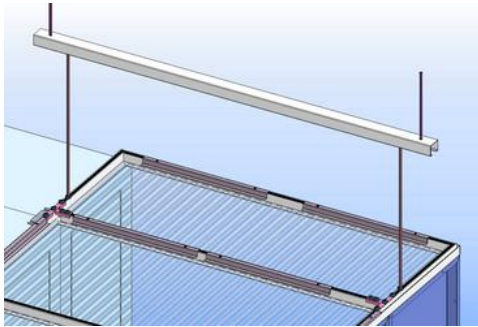


Partial Containment

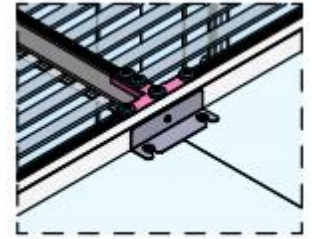


Melt Away Ceiling Tiles

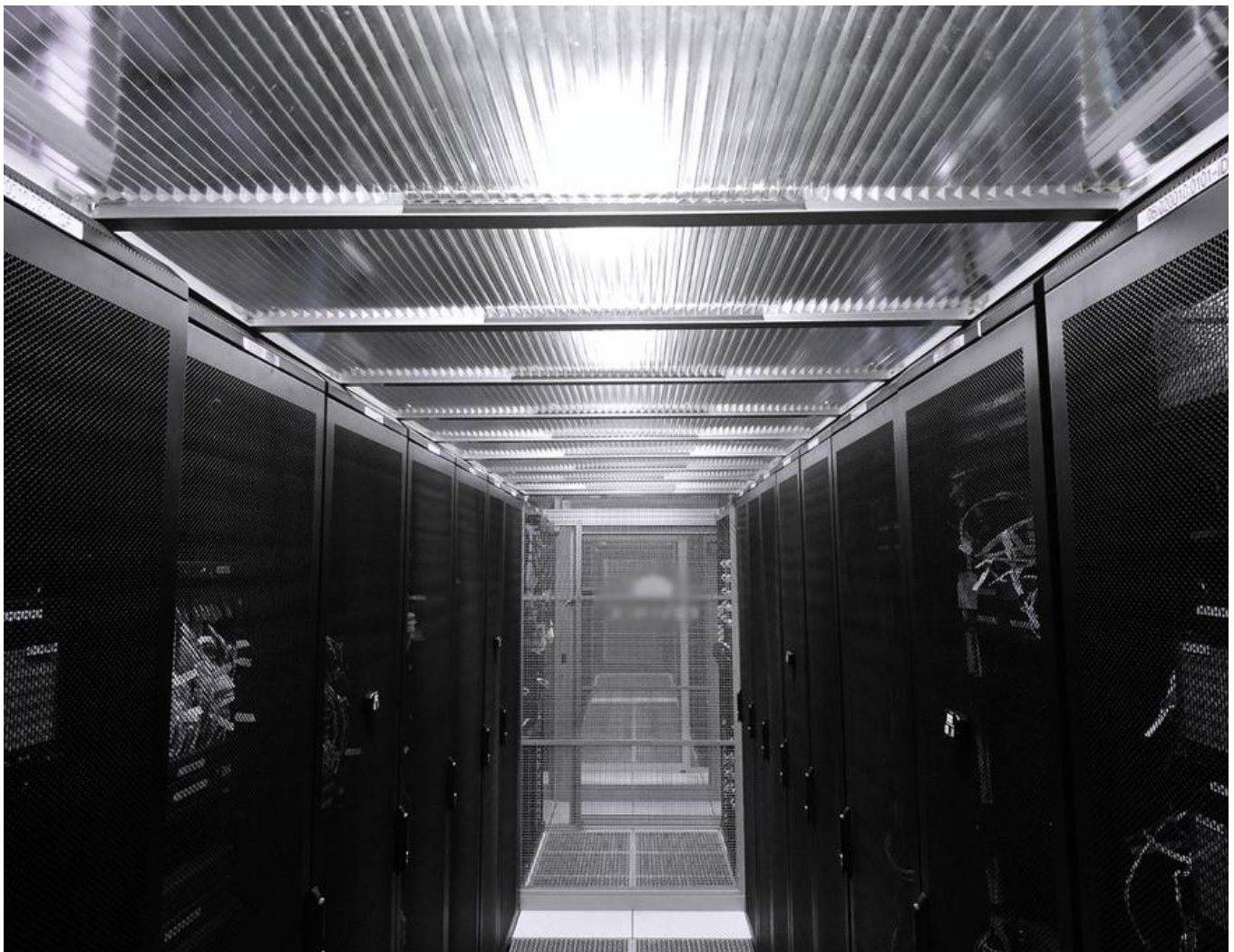
The Melt Away Ceiling Tiles can be a part of your overall Aisle Containment Ceiling System. You may choose from frosted to clear tiles . It is also available in different dimensions to optimize efficiency and keep a check on hot aisle and cold aisle containment. The drop away ceiling tiles design successfully meets the local fire requirements too.



DETAIL-A



DETAIL-B



Meltaway Ceiling Containment System

Save money and time with the Aisle containment ceiling system. Our simple design and quality materials are the ideal solution for maximizing efficiency and controlling temperatures in both hot aisle and cold aisle containment applications.

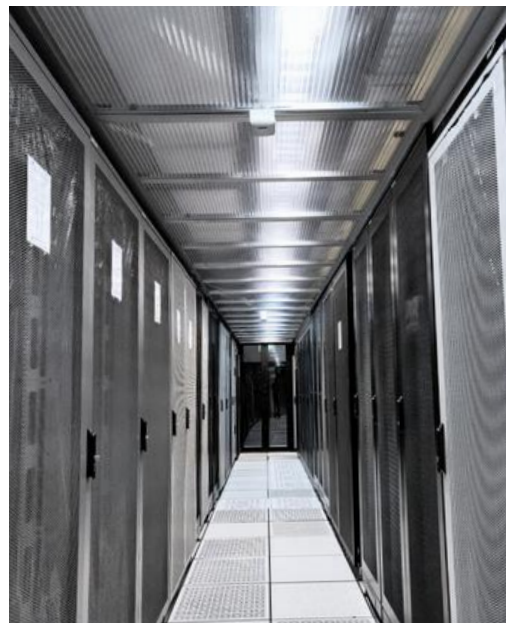
This ceiling system also comes with melt-away ceiling tiles, allowing you to meet the requirements of your local fire marshal.



Features

- This cleanroom-grade, fully gasketed 2-inch T-bar grid uses standard 2' by 4' ceiling panels, and is designed for maximum strength.
- Grid comes pre-assembled for quick installation or order as an easy to assemble kit.
- Support lights, tiles, fan units and ductwork for hot aisle containment or use with cold aisle containment applications.
- Available with new U.L. - approved, FM-approved, melt-away ceiling tiles that accommodate your overhead sprinkler system. Choose from clear to eggshell white. Panels drop into place and trim easily for smaller openings.

Protecting Critical Environment



01 The DC Modular Aluminium Sliding Door

The ideal solution for both cold and hot aisle containment designs. Combining cost effectiveness with ease of installation, the no threshold design eliminates tripping hazards.

Frame components arrive pre-assembled and easily connect to the header rail which secures the assembly together. Integrated slide-locks simplify door installation onto the frame.

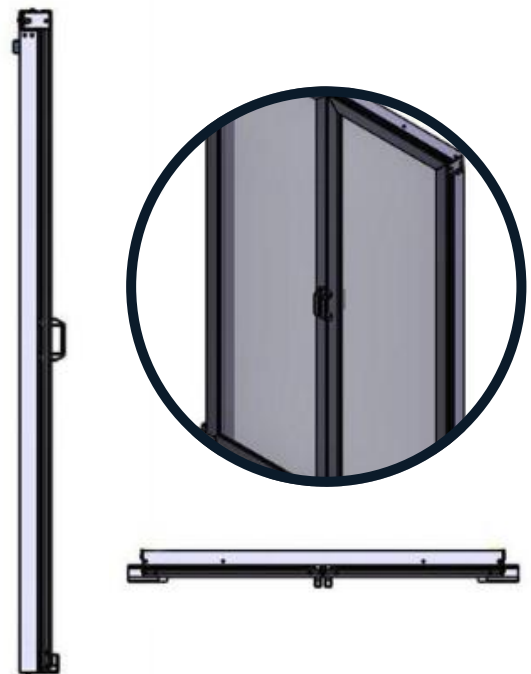
A Revolution in Data Center Containment Doors!

The sliding doors reduce data center operating costs by improving thermal efficiency and reducing IT equipment intake temperatures, which enhances both equipment life and reliability.



FEATURES

- Sweep seal and perimeter gasketing provides maximum containment
- Easy-glide track system
- The self-aligning door require no adjustments
- Insert range from polycarbonate
- Exclusive self-closing in minutes
- No protruding header of track assembly allowing for a sleek, simple design
- Anodized aluminium framing, available in clear and black finishing
- The modular sliding aluminium door easy glide system and self closing cartridge is integrated into the door so that the are tucked away from view when the door is closed and open
- Door is pre-hung and installed in minutes
- The tool-less design allow for quick and easy installation, removal dan re-installation



Find Your Hot Aisle Containment Solution With Us Now



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