



# Non-standard customization requirements for cold aisle server racks

THE GREEN GRID: ASHRAE Data Center Cooling Guidelines: Developed in collaboration with ASHRAE, this document provides best practices for data center cooling, including hot and cold aisle ...

Fast forward to a time when aisle separation and hot and cold air containment are minimum requirements for data center mechanical effectiveness and efficiency, and it is clear how ...

The AisleFrame System delivers freestanding containment for hot aisle and cold aisle data center configurations without relying on ceiling infrastructure or raised floors.

As an addition to a conventional precision cooling system, cold aisle containment consistently separates cold and warm areas without requiring structural changes to the data center.

Proper aisle planning isn't just about airflow--it's about optimizing safety, serviceability, and system efficiency. By adhering to these length and width standards, data center designers can enhance ...

In the actual rackmount server case customization business, balancing R& D speed, production costs, and special requirements is key. Taking industry-renowned Yongucase as an ...

A unique cabinet solution for applications that require engineering services. Our engineering team will work with you to create a cabinet design to meet your requirements for the data center.

Complete cold aisle containment guide for data centers. Learn CAC benefits, implementation steps, and achieve 35% cooling cost reduction.

It covers rack placement, aisle layout, cable routing, cooling paths, power distribution, and human accessibility. Done poorly, even a new Tier III facility can become inefficient within five ...

High energy costs and accelerated energy consumption has forced data center managers to implement strategies to achieve separation between the hot and cold air in the data center.



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