Manufacturers of Cold Aisle Wall-Mounted Communication Cabinets

Overview

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.

Key Takeaways

Leading manufacturers of cold aisle wall-mounted communication cabinets include Prism Enclosures, Legrand, Tate, and Belden, offering modular, scalable, and energy-efficient solutions for data centers.

Key Manufacturers and Offerings

Prism Enclosures (UK-based) specializes in 19” cabinets and cold aisle containment solutions. They provide consultation, design, manufacture, and installation services for network enclosures, including cabinets suitable for cold aisle setups, with options for security caging and hot/cold aisle containment. Legrand offers a range of cold aisle containment systems and wall-mounted cabinets designed to deliver cold air directly to server intakes.

Their Contain-IT FLEX system and T-Series/T6 cabinets are modular, pre-fabricated, and scalable, supporting ceiling or cabinet-mounted containment. Legrand also integrates intelligent monitoring through Pod Master for real-time airflow, temperature, and humidity management. Tate provides hard partition containment panels and doors for hot and cold aisles.

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Their wall-mounted solutions are customizable, pre-assembled, and designed to minimize air leakage. Options include clear or multiwall panels, ergonomic handles, and factory-installed gaskets to enhance cooling efficiency and safety. Belden offers vendor-agnostic aisle containment systems compatible with wall-mounted cabinets.

Their solutions use lightweight, transparent panels that attach horizontally or vertically to cabinets, supporting both hot and cold aisle configurations while integrating with fire suppression and safety systems.

Features to Consider

Modularity and Scalability: Cabinets and containment panels can be configured to fit various aisle lengths and data center layouts. Energy Efficiency: Cold aisle containment ensures cold air is directed to server intakes, reducing energy consumption and improving cooling performance.

Pre-

Assembly Options: Many manufacturers provide pre-assembled or pre-cut components to reduce on-site installation time. Customization: Cabinets can be tailored for height, width, and integration with monitoring systems or fire suppression. Safety and Compliance: Panels and doors often meet NFPA standards for flame spread and smoke development, and some solutions are seismic-rated.

These manufacturers provide comprehensive solutions for data centers seeking to optimize cooling, protect equipment, and improve operational efficiency. Contacting them directly allows for tailored configurations to meet specific project requirements.

Article Content

Cold Aisle Containment | Legrand

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.

Aisle Containment

Upgrade your data center with our conversion kit for efficient hot/cold aisle containment. It transforms single-row end-of-row frame into a wider, U-shaped

Vertiv™ Data Racks & Cabinets

Vertiv Data Racks & Cabinets sells innovative data rack systems and wall mounts to impenetrable security panels and cabinets.

Cold Containment | Legrand Data Center Solutions

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Legrand''s Pod Master brings intelligent wireless monitoring to your cold containment setup. By centralizing environmental sensors and PDUs in a secure Zigbee mesh network, Pod Master

Products

Hot & Cold Aisle Containment AMCO''s Hot and Cold Aisle Containment Systems prevent hot and cold air mixing by creating controlled airflow paths, improving

Aisle Containment | Vertiv Hot/Cold Aisle Containment Solutions

Find out how to improve your data center infrastructure efficiency, using the cold aisle containment or hot aisle containment solutions from Vertiv.

WALL MOUNT CABINET

Cabinets are made of cold steel or aluminum with supreme black powder coating protection to prevent it from scratch and rust. The wall mount cabinet is IP20

CONTAINMENT SYSTEM

Accommodates aisle widths from 36” wide to 96” wide. Standard colors—Black, Glacier White or Gray. Custom colors upon request.

Martin Enclosures | Server Racks & Cabinets, Cable Management

MartinEnclosures features server racks, server cabinets, server enclosures and cable management solutions custom designed for industrial businesses.

Telecom and Network Equipment Cabinets and Racks

ICEqube delivers industry-leading NEMA Cabinets and Racks designed to safeguard critical rack-mount equipment and batteries. With advanced

Datacel Wall Mounted Cabinets & Server Racks | Comms Express

Explore the range of Datacel wall mounted cabinets, server racks and accessories from Comms Express for safe and secure storage solutions. Shop online for free delivery.

Accelevation | Custom data center containment systems

Vertically integrated manufacturer of hot aisle containment, cold aisle containment, white space structure and conveyance solutions.

Dataracks Server Cabinets | Datacentre Containment Solutions

UK Design and Manufacturing Dataracks design and manufacture a complete range of server racks and wall mounted cabinets, hot and cold-aisle containment, and security cages.

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Wall Mounted Data Cabinets | Comms Express

Maximise your space and organise your IT infrastructure with Datacel Wall Mounted Cabinets from Comms Express. These cabinets are perfect for small network installations, providing secure and

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Aisle Rack

Aisle Cabinet comes with end-of-row dual sliding doors and ceiling panels that enclose the cold aisle between rows of DataCAB Cabinets to prevent mixing of cold and hot air, optimizing cool air delivery.

Data Center Containment System

When we consider the air distribution through hot/cold air aisles there is a much efficient way to achieve this by using different Aisle containments. High energy costs and accelerated energy

Data Networking Wall Mounted Cabinets | nVent HOFFMAN

Data Networking Wall Mounted Cabinets Versatile and configurable wall-mount cabinets to protect network equipment. Quick released latching, single- and double tool-free hinge options AccessPlus

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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