

Manufacturer of AC cooling aisle low-noise display cabinets



Overview

In 2024, Worthington Armstrong Venture (WAVE), a joint venture between Armstrong World Industries, Inc., acquired all of the assets of Data Center Resources, LLC (DCR) related to the design and manufacture of customizable, modular aisle. With 35 years of operational experience, EDP designs, manufactures, and installs bespoke aisle containment systems that improve airflow management in Data Centre environments for retrofit, new build, and hyper-scale projects. Proven solutions that improve airflow management in Data Centres and aid. An aisle containment system is a simple way to improve cooling efficiency in hot aisle/cold aisle rack configurations. Essentially creating a room within the aisle, the system helps keep hot and cold air separated to make existing air conditioning systems in data center and edge-of-network. To increase the "Energy Efficiency" and manage the "Physical Security & Access Control" in data center environments, KabinPLUS offers Data Center Aisle and Containment Solutions. and. Adaptable to hot and cold aisle containment, the Vertiv Aisle Containment system allows you to deploy containment before or after racks are installed to simplify installation and speed deployment of new data center equipment.

Article Content

ChilledDoor®, Rear Door Heat Exchanger | Data Center

Motivair's ChilledDoor Rack Cooling System is an active rear door heat exchanger capable of removing server densities up to 75kW per rack and 100% heat removal.

Hot & Cold Aisle Containment Systems For Data

Cool Shield™ products provide customers with versatile, turnkey aisle containment systems for new or existing critical spaces. Our offerings range from a single row

KabinPLUS Aisle Containment Solutions

Cold Aisle Containment for rack cabinets with single or double sliding doors and sliding roof frame units fabricated out of aluminium, with polycarbonate panel material and fire nozzle entry sections.

Refrigerated Display Cases & Cabinets

Refrigerated display cases & cabinets are evolving in commercial refrigeration due to refrigerant transitions and energy regulations. Boyard designs and manufactures

Cold Aisle Containment in Data Centers | Subzero

Cold aisle containment works in virtually any data center using traditional air cooling, but some facilities see faster returns than others. If you're delivering cold air

Electrical cabinet air conditioner

Find your electrical cabinet air conditioner easily amongst the 140 products from the leading brands (EXAIR, RITTAL, EURODIFROID, ...) on DirectIndustry, the

Low Noise, Class II Microbiological Safety Cabinets

* Ultra low noise level achieved on 1.2 meter (4") model per EN12469 at open field condition. NordicSafe Class II Microbiological Safety Cabinet features glass sides to enhance visibility inside the work area.

Framed Aisle Containment Panels

Explore Cool Shield's Framed Aisle Containment Panels, engineered to optimize airflow management and enhance cooling efficiency in data centers.

What are hot and cold aisles in the data center?

Hot and cold aisles in the data center are part of an energy-efficient layout for server racks and other computing equipment. The goal of a hot/cold

Aisle Containment | Rainford Data Centre Solutions

Engineered to maximise thermal efficiency and airflow control, the Rainford Aisle Containment System is designed to meet the cooling demands of high-density, AC Infinity AIRPLATE S3, Quiet Cooling Fan System 6"

About this item An ultra-quiet UL-certified fan system designed for cooling cabinets that requires minimal noise. Features a multi-speed controller to set the fan's

Cold Aisle Containment | Legrand

Precision Cooling for Peak Performance Cold aisle containment creates an enclosed corridor in front of server cabinets, ensuring that the coldest air goes directly into equipment intakes. By isolating the

Aisle Containment | Vertiv Hot/Cold Aisle Containment

Adaptable to hot and cold aisle containment, the Vertiv Aisle Containment system allows you to deploy containment before or after racks are installed to simplify

Panel Air Conditioner

DC Panel Air Conditioner When the cabinet is located in a remote outdoor area, in an off grid environment without AC power supply, DC panel air conditioning is the

Net-Contain Sliding Door Low Profile Cold Aisle Containment

s p e c i f i c a t i o n s The sliding door low profile aisle containment system shall create a structure including end of row doors and ceiling panels that enclose the cold aisle between rows of cabinets to

Air Conditioners for Enclosures | Kooltronic

Kooltronic closed-loop Control Cabinet Air Conditioners cool, dehumidify and recirculate clean air within electrical enclosures. View our enclosure AC units.

Accelelevation | Custom data center containment systems

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

Aisle Containment Systems From EDP Europe | Data Centre Services

With 15 years of experience in supplying and installing aisle containment solutions, EDP designs, manufactures, and installs bespoke Hot & Cold Aisle Containment systems for projects of any size.

Industrial electrical cabinet air conditioner

The PAC series is manufactured by Plastim Electric, and is a cabinet air conditioner, which can be operated with a power supply rating of a single-phase 230 V at

Electrical Enclosure Air Conditioners | Cabinet AC's

Discover high-performance enclosure air conditioners proudly Made in Texas, USA. ISC Sales offers reliable, American-made enclosure ACs for industrial and

Hot/Cold Aisle Containment | Data Center Containment

AZE offers a wide range of partial and total containment solutions that can accommodate hot aisle containment, cold aisle containment and rack-based heat

Data Center Aisle Containment

How data center aisle containment can be applied to meet the key objectives in effective data center design.

High-Capacity Low Noise 1500W AC Industrial Enclosure Cabinet Air ...

We focus on thermal management technology, and provide cabinet air conditioners, heat exchangers, gas-liquid heat exchangers, dehumidify air conditioning integrated machines, and other related

Hot & Cold Aisle Containment Systems For Data

Built for Efficiency Cool Shield™ Aisle Containment Solutions Cool Shield's aisle containment solutions feature a comprehensive solution widely used by critical

Data Center Hot/Cold Aisle Containment Systems | Eaton

Keep your server rack aisles cool to prolong network equipment life and data center efficiency. Full scale aisle containment solutions. Modular kits for every edge-of

Cold Aisle Containment

Product Description Aisle containment in the data center requires that cabinets are aligned in a hot aisle/cold aisle layout. Containment panels or strips create a

IMPROVING DATA CENTER EFFICIENCY AND CAPACITY WITH AISLE

In addition to these integrated solutions, a number of third party manufacturers have developed containment solutions that work with most types of cabinets and that can be used in either the hot

Aisle Containment

Our aisle containment systems are vendor agnostic, featuring innovative, transparent panels that are lightweight and easily attached horizontally or vertically to

Hot Aisle Containment | Legrand

Hot aisle containment is the most common method for separating hot and cold air. By channeling hot exhaust away from equipment and toward cooling, data centers can maintain a stable operating

Contact Us

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