

Imported Cold Aisle 47U



AI Overview

A 47U cold aisle containment rack is a high-capacity server enclosure designed to optimize airflow, energy efficiency, and modularity in data centers.

Overview A 47U cold aisle containment rack is a tall server cabinet (47 rack units high) specifically designed for cold aisle containment in data centers. Cold aisle containment ensures that 100% of the cooled air from air conditioning units is directed to server inlets, preventing hot air recirculation and improving energy efficiency. The racks typically feature front and rear perforated or glass doors, a slatted floor, and a sealed corridor to maintain controlled air temperature.

Key Features

- Height and Capacity:** 47U (approximately 82 inches), suitable for high-density server installations.
- Material:** Usually constructed from SPCC cold-rolled steel for durability and structural integrity.
- Doors and Access:** Front and rear doors can be perforated, solid, or glass; some models include double-sliding glass doors with locks or digicode access for security.
- Modularity:** Many 47U racks are modular, allowing easy expansion or reconfiguration of the cold aisle.
- Environmental Ratings:** Some models offer IP67 ratings for dust and water protection, suitable for edge or harsh environments.
- Energy Efficiency:** Proper containment can improve Power Usage Effectiveness (PUE) and reduce energy costs by up to 30%.
- Integration and Compatibility:** Compatible with standard 19-inch server racks and can integrate with CRAC/CRAH cooling units and building management systems.
- Supports cable management systems, fiber runners, and other data center accessories.**
- Can be used in modular or containerized data centers, providing flexibility for small to large-scale deployments.**

Suppliers and Purchasing

- Frontier Tech:** Offers prefabricated 42U, 45U, and 47U cold aisle containment solutions with complete data center integration options.
- Sunpln Technology:** Custom manufacturer with international shipping options and certifications for quality and safety.
- ServerRack24:** Provides 47U server racks and accessories for cold aisle containmen...

Article Content

Aisle Containment for Server Rooms and Data Centers

Shop aisle containment solutions at Server Racks Online. Explore hot and cold aisle containment systems, including doors, panels, and ceilings. Improve data center airflow, cooling efficiency, and

Cold aisle + warm aisle enclosure

For Cabinet Width: 800 mm Number of height units: 47 U Select variants Item no. PRO-SA0478.TS Side Cover / Air Baffle for PRO 47U, W=800, 2 Pcs., RAL9005 Color: black For Cabinet Width: 800 mm

Data Center Cold Hot Aisle Containment 42U 47U Server Rack Data

Data Center Cold Hot Aisle Containment 42U 47U Server Rack Data Cold Aisle Containment System No reviews yet RoHS compliant \$500 - 999

Coolnet Cold Aisle Containment System 42U 47U Micro Data Center ...

Coolnet Cold Aisle Containment System 42U 47U Micro Data Center Solution with Precision air Conditioner

W-TEL Customized Cold Aisle Containment System

Shipping fee and delivery date to be negotiated. Chat with supplier now for more details.

Confined Cold Aisle

Confined Cold Aisle Containment solution specially designed to meet computer room urbanization needs. It enables you to integrate your equipment and host

Eaton Aisle Containment System

Designed for fast and easy installation, the REC aisle containment system provides an affordable solution for energy saving cold aisle containment installations. This

San Marino Cold Aisle 47U

The cold aisle containment with modular design is fully compatible with Lux's standard 37U, 42U, 45U and 47U cabinets in row-based. Our cold aisle containment is also able to get along with third ...

48U Server Rack Enclosure | Cold Aisle Containment |

The aisle containment system improves cooling efficiency in hot aisle/cold aisle rack configurations by essentially creating a room within the aisle and keeping hot

Austria Data Center Cold Aisle 47U

YoAhorroEnergia Data Infrastructure (YAE) delivers modular data centers, edge data centers, server rack systems, cold/hot aisle containment, EMS, smart PDU, and AC/DC distribution solutions for

Cold Aisle Containment | UltraRack®

Cold Aisle Containment To reduce energy costs and noise in the data center, you must isolate the hot and cold airflow through each rack and the entire room.

42u 45u 47u Server Rack Ldc Data Center Cold Aisle Containment

Discover Layanaa Furniture's 42u, 45u, and 47u server racks designed for efficient cold aisle containment in data centers. Our high-quality, customizable solutions help optimize cooling efficiency

Hot & Cold Aisle Containment Systems

We work directly with you to develop custom hot aisle cold aisle containment solutions. Extrusions made with only with the highest quality aluminum alloys

42u Colocation Server Rack Micro Data Center Solution

42u Colocation Server Rack Micro Data Center Solution Cold Aisle Containment, Find Details and Price about 600mm Depth Server Rack 600mm Width Server

19 Inch Data Center with 42u Network Cabinet 45u

19 Inch Data Center with 42u Network Cabinet 45u Server Rack Hot Cold Aisle Containment Solution with Automatic Sliding Door, Find Details and Price about

Cold Aisle Containment System Data Center Network Cabinet 42U-47U

Cold Aisle Containment System Data Center Network Cabinet 42u-47u - Buy Data Cabinet,Network Cabinet,Data Center Product on Alibaba Cold Aisle Containment System Data Center Network

W-TEL Modular Data Center

W-TEL Modular Data Center Cold Aisle Containment Solution 42U Server Network Rack Micro Data Center offers ip67 protection, customizable size, and more.|

42u 45u 47u Hot Aisle Cold Aisle Containment Indoors

42u 45u 47u Hot Aisle Cold Aisle Containment Indoors Data Center, Find Details and Price about Cold Aisle Containment Network Cabinet from 42u 45u 47u Hot

Network Cabinet W | W800 D1200 47U | Side Panels

This network cabinet in the color white has the following dimensions: 800mm wide, 1200mm depth, 47U height. It includes a glass front door and blind door at the

7 Grocery Store Chains With The Best International Food Selections

With grocery store chains like these, international ingredients are easier to shop for than ever before. For global produce, spices, and more, shop here.

Ningbo Lepin Factory Custom Sizes Modular Data Center Server

Ningbo Lepin Factory Custom Sizes Modular Data Center Server Rack Network Cabinet 42u 48u 47u for Cold Containment Aisle No reviews yet Ningbo Lepin Network Equipment Co., Ltd. Custom

aisle containment solution cold aisle containment

Lux's cold aisle containment solutions can easily adapt to challenges such as limited ceiling height and limited headroom conditions. The cold aisle containment with modular design is fully compatible with

Server contained cold aisle / 47U / 42U / data center

The roofs of the Atos Contained Cold Aisles are formed by tiles of safety glass with painted aluminium frame. The tiles are easily detached to allow the use of lifting equipment to mount the servers in the

Network Cabinet W | W800 D1200 47U | Side Panels

Cold Aisle Containment/ Hot Aisle Containment Cold Aisle Containment Door back - Single or Double Single

Home | Prism Enclosures

Leviton today announced has acquired PRISM Data Centre Solutions (DCS) Limited, a leading manufacturer of network enclosures. Established in 1996, UK-based PRISM DCS provides an

42u 45u 47u Prefabricated Cold Aisle Containment for Modular Data ...

We are Frontier Tech-Chinese leading Producer of ITC racks and industrial and outdoor enclosures; Complete solutions for data centers including systems of precision cooling, intelligent power

Data Center Cold Aisle Racks 2026

Find top-rated data center cold aisle racks with customizable features. Get verified suppliers, competitive pricing, and fast delivery. Click to explore 2026's best solutions for optimal

Data Center Cold Hot Aisle Containment 42U 47U Server Rack Data Cold ...

brand name sunpln cabinet standard 19inch material SPCC Cold Rolled Steel model number cold aisle, smart data center, modular data center, container data center

Contact Us

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