

High-precision manufacturer of AC cooling aisle head unit cold aisle



Overview

Altimir designs, fabricates, and installs energy-efficient, custom-engineered Hot Aisle and Cold Aisle Containment Systems. Recognized for the quality of its products, the company's products are competitively priced and known for their ability to boost energy efficiency. At NexGen Manufacturing, we specialize in the design and production of Data Center Aisle Containment components, engineered to meet the unique demands of facilities ranging from small-scale operations to large enterprise environments. Pathway Support Structures ● Vertical Panels ● Cabinet Brackets. High-quality hot- and cold-aisle containment systems designed to maximize data center efficiency and thermal performance! Sintel's HAC systems isolate the hot exhaust air, directing it into a return plenum to prevent mixing with the ambient room air. Engineered for deployment in the world's most. Traditional open aisle data centers use perimeter PAC (precision air conditioning) or CRAC (computer room air conditioning) units to channel cold air up through a raised floor void via grilles positioned in front of the IT cabinets. In 2024, Worthington Armstrong Venture (WAVE), a joint venture between Armstrong World Industries, Inc.

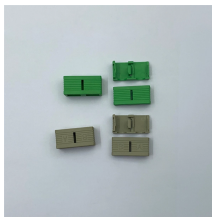
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Enconnex's hot and cold aisle containment systems are your solution. They separate cold air being supplied to your equipment from hot equipment exhaust air and enable greater cooling efficiency ...



With over 50 years of experience, STULZ is a leading pioneer in the field of cooling solutions for reliable applications and data centers. Our products are manufactured to the highest quality standards and in ...



Cool Shield™ containment offers state-of-the-art hot and cold aisle containment solutions designed to maximize data center efficiency while significantly reducing ...



Ideal for high-density environments, our CAC solutions "cap" the cold aisle. This ensures that every CFM (Cubic Feet per Minute) of chilled air is delivered directly to the server intakes rather than escaping ...



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



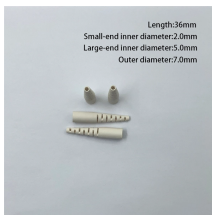
Cool Shield™ containment offers state-of-the-art hot and cold aisle containment solutions designed to maximize data center efficiency while significantly reducing power consumption.



Suitable for hot or cold aisle designs, this solution integrates our heat exchanger technology into the containment structure to minimize the mixing of hot and cold air.



Following a collaborative, customer-driven approach, we provide the best containment options for each project. Whether ceiling hung or integrated with aisle structure, our containment solutions are ...



In cold aisle configurations the supply air is contained and the hot discharge air allowed to return to the CRAC unit. Because the supply and return air are kept separate, the room temperature can be ...



We manufacture fully customized racks designed to support cold aisle solutions that align with your airflow requirements and energy efficiency goals. With NexGen's precision manufacturing, you'll have ...

Contact Us

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