

Doors to the cold aisle in the data center



Overview

Cold aisle containment systems use doors at aisle ends, ceiling panels or lids above racks, and structural frames to create enclosed zones where cold supply air flows directly to IT equipment intakes. In recent years, there has been no greater. The Cool Shield Double Sliding Hot & Cold Aisle Containment Data Center Door system is an integral part of a highly efficient aisle containment solution. Double sliding doors are ideal for use on aisles 48" and wider. The one-tool design allows for quick and easy installation, removal, and re-installation with exclusive Magswitch® technology — no drilling required. When implemented correctly, they improve efficiency, reduce energy consumption, extend equipment life, and enhance overall reliability. Frame components are pre-assembled and connect to the header rail to secure the assembly together.

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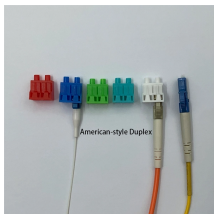
Aisle containment is the practice of enclosing either the cold aisles or the hot aisles between server racks to prevent chilled supply air and warm exhaust air from mixing.



Sliding Doors offer data centers aisle-end containment in just minutes and without the need for contract labor. The one-tool design allows for quick and easy installation, removal, and re-installation with ...



Data Center Aisle Containment provides the industry solution for controlling cold or hot air in the center & improving the appearance of server areas.



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Hot aisle and cold aisle containment are foundational concepts in data center design. When implemented correctly, they improve efficiency, reduce energy consumption, extend ...



Cold aisle containment is a critical design approach in modern data centers aimed at enhancing cooling efficiency. It involves physically enclosing the cold aisle with panels and...



Cool Shield offers several varieties of aisle containment door options to effectively seal the entries to hot or cold aisles. Double, single, hinged and sliding configurations make configuring your data center easy.



Explore Tate's modular containment solutions for data centers, including hot and cold aisle systems, hard roofs, doors, and custom partitions designed to improve cooling efficiency and reduce energy loss.



Doors options are essential in aisle containment, providing controlled access while maintaining airtight separation of hot and cold airflows to optimize cooling efficiency.



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Contact Us

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