

Steps for using a cold aisle computer room

In its simplest form, hot/cold aisle data center design involves lining up server racks in alternating rows, with cold air intakes facing one way and the hot air exhausts facing the other. The ...

Before installing aisle containment, however, measures should be taken to improve overall cooling system energy efficiency. The first step to take is implementing certain basic measures to increase ...

Complete cold aisle containment guide for data centers. Learn CAC benefits, implementation steps, and achieve 35% cooling cost reduction.

One of the first steps in improving cooling efficiency is to minimize the latent (moisture-related) cooling load by ensuring that the data center has a good vapor barrier and no leaks around ...

Are you interested in cold aisle containment for your data center? C& C explains how these containment systems can help your data center.

In most cases, the rack mount can be used within these aisle cooling containment solutions. Below are general guidelines for assessing the installation of a rack mount in a hot or cold aisle cooling ...

Save on costs while reducing your carbon footprint and energy consumption with these 4 steps to better data center cooling efficiency

Hot aisle/cold aisle layout can still be used in server rooms without raised floors: distinct hot and cold aisles can be created by rearranging server rack locations and then reconfiguring the ductwork ...

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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 doors to...

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.

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