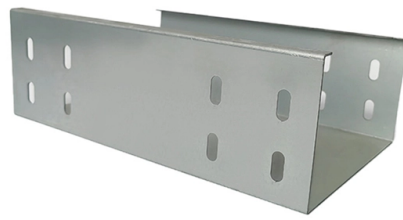


Temperature of the hot aisle in the computer room



Overview

ASHRAE recommends keeping server rooms between 64. Although ventilation and air-recycling systems offer many ways to achieve this temperature range, one of the most efficient and cost-effective methods is aisle containment. Environmental areas: ballroom spaces, hot aisles, cold aisles, and grey areas. Many data center designs have computer rooms where cold air is distributed through a raised floor system that uses the under floor space as a supply air plenum formed by the raised floor. Sadly, containment is still poorly managed in many legacy data centres, leading to low energy efficiency. New data centre builds, on the other hand, tend to take. This document initially develops a list of generalized thermal best-practice recommendations as a first step towards temperature management and measurements in data centers, ultimately saving infrastructure energy as well as protecting the electronic equipment. In order to achieve this, two things are required.



Article Content

A Guide to Hot and Cold Aisle Containment for Optimizing Server Room ...

The hot and cold aisle configuration is a layout design used in data centers to manage air flow and temperature for optimum functioning of the Telecom Rack in Pune.

Related Video Reference

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