

The intelligent computing center uses a corrugated duct 800mm deep

Olabs Vertical Exhaust Duct is structurally engineered to further improve the cooling efficiency in computer rooms and data centers. It can be easily installed in high dense server cabinets and ...

Intel's data center designs use both hot aisle enclosures (HAEs) and passive ducted cabinet air segregation, also known as "chimney cabinets."

I recently had a conversation with the contractor that is installing a return air duct system for our data center. The contractor was tearing the design apart, TOO MUCH STATIC, TOO MANY TURNS, ...

Ducting is used in hot and cold aisle containment, which improves data center reliability and energy efficiency. It can be used to exhaust hot air from IT equipment into a dropped ceiling, ...

Ducting hot IT-equipment exhaust to a drop ceiling can be an effective air management strategy, improving the reliability and energy efficiency of a data center. Typical approaches include ducting ...

These examples highlight the importance of a tailored approach in duct system installation. Every data center is unique, and thus requires customized solutions that are informed by careful analysis and ...

The white paper discusses the effectiveness of ceiling-ducted air containment strategies in data centers, highlighting how they improve reliability and energy efficiency by managing hot IT equipment exhaust.

Key findings stress the efficacy of optimized airflow systems and innovative rack-level cooling, underlining their role in reducing energy consumption and enhancing overall performance. ...

This guide provides an overview of best practices for energy-efficient data center design which spans the categories of information technology (IT) systems and their environmental conditions, data center ...

In this article, we explore how data center operators can rethink airflow management through strategic containment, monitoring, and the adoption of both traditional and emerging cooling ...

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