

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 ...

Maintaining an optimal operating environment is crucial to the performance, security and efficiency of data centers. HVAC systems play an important role in ensuring air quality and effective ...

Data center equipment's environmental conditions should fall within the ranges established by ASHRAE as published in the Thermal Guidelines.

This Data Center Best Practices Guide has been created to provide viable alternatives to inefficient data center design and operating practices and address energy efficiency retrofit opportunities.

Clean Air is essential to data centers for maintaining the reliability, efficiency, and longevity of their equipment. Poor air quality can lead to significant operational issues, which are costly and disruptive.

Efficient cooling is essential to protect equipment, minimize downtime, and reduce energy costs in server rooms. This article outlines practical, evidence-based cooling best practices tailored ...

Choose cooling technologies that align with IT equipment characteristics, such as computer room air conditioning (CRAC) units, air handlers, in-row cooling, or rear-door heat ...

The chart takes into account worst-case locations in a data center and are the requirements to meet the maximum temperature specifications required by most IBM high-end equipment.

Because data centers are high-density enclosed spaces that generate a significant amount of heat, traditional comfort cooling systems can't remove enough heat to protect the critical equipment. ...

Discover how data center design standards enhance your center's efficiency, reliability, & sustainability while meeting energy & environmental regulations.

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