

## 2008 Ashrae Environmental Guidelines For Datacom Equipment

*Panduit 2008 ASHRAE Environmental Guidelines for Datacom Equipment ... cms.ashrae.biz ASHRAE Thermal Guidelines - Center of Expertise Datacom Series - ASHRAE The Evolution of Data Center Cooling Standards Ventilation of Health Care Facilities 2011 Thermal Guidelines for Data Processing Environments ...*

*2008 Ashrae Environmental Guidelines For 2008 ASHRAE Environmental Guidelines for Datacom Equipment ... ANSI/ASHRAE/ASHE Standard 170-2008 s s ES ecoinfo.cnrs.fr Addendum m to ANSI/ASHRAE/ASHE Standard 170-2008 Gaseous and Particulate Contamination Guidelines for Data ... Thermal Guidelines for Data Processing Environments, Third ... IAQ Standards and Guidelines (EPA and ASHRAE Standard) Thermal Guidelines for Data Processing Environments 2008 ASHRAE Environmental Guidelines for Datacom Equipment CiteSeerX — 2008 ASHRAE Environmental Guidelines for ... 2008 ASHRAE Environmental Guidelines For Datacom Equipment ...*

### Panduit

Title: Thermal Guidelines for Data Processing Environments Author: ASHRAE Special Publications  
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### ~~2008 ASHRAE Environmental Guidelines for Datacom Equipment ...~~

2008 ASHRAE Environmental Guidelines for Datacom Equipment Expanding the Recommended Environmental Envelope ... If you have already registered to receive the 2008 ASHRAE Environmental Guidelines for Datacom Equipment - Expanding the Recommended Environmental Envelope, ...

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ASHRAE Thermal Guidelines . 2 Agenda • ASHRAE and TC9.9 • Thermal Guidelines (Third Edition) • Air-cooling • Liquid-cooling • Air-cooling thermal guidelines in practice ... ASHRAE Environmental Classes 2011 2008 Applications IT Equipment Environmental Control A1 1 Datacenter Enterprise servers, storage products

### ~~ASHRAE Thermal Guidelines—Center of Expertise~~

the Thermal Guidelines in 2008 ASHRAE TC 9.9 expanded the environmental range for data centers so that an increasing number of locations throughout the world were able to operate with more hours of economizer usage. At the time of the first Thermal Guidelines the most important goal was to create a common set of environmental guidelines that IT equipment would be designed to meet.

### ~~Datacom Series—ASHRAE~~

ANSI/ASHRAE/ASHE Standard 170-2008 Ventilation of Health Care Facilities Approved by the ASHRAE Standards Committee on June 21, 2008; by the ASHRAE Board of Directors on June 25, 2008; by the American Society for Healthcare Engineering of the American Hospital Association on

### ~~The Evolution of Data Center Cooling Standards~~

Thermal Guidelines for Data Processing Environments, Third Edition vii Appendix A—2008 ASHRAE Environmental Guidelines for Datacom Equipment—Expanding the

### ~~Ventilation of Health Care Facilities~~

The current recommended environmental envelope for IT Equipment is listed in Table 2.1 of the 2004 referenced ASHRAE Datacom book. These recommended conditions as well as the allowable conditions refer to the inlet air entering the datacom equipment. Please fill out the form to gain instant access to the requested presentation.

### ~~2011 Thermal Guidelines for Data Processing Environments ...~~

Learn more about Datacom Series at ashrae.org. 1. Thermal Guidelines for Data Processing Environments, Fourth Edition . This guide provides equipment manufacturers and facility operations staff with a common set of guidelines for the design and construction of their respective equipment or facility, thereby aiding in maximizing the performance and health of the facility and its contents.

## ~~2008 Ashrae Environmental Guidelines For~~

referenced ASHRAE book for details on data center type, altitude, recommended vs allowable, etc.) a recommended environment range of 20 to 25 °C (68 to 77 °F) (dry bulb temperature) and a relative humidity (RH) range of 40 to 55%. (See the allowable and

## ~~2008 ASHRAE Environmental Guidelines for Datacom Equipment ...~~

2008 ASHRAE Environmental Guidelines for Datacom Equipment -Expanding the Recommended Environmental Envelope- Overview: ... This warmer air also affects the relative humidity resulting in lower values at the top portion of the rack.

## ~~ANSI/ASHRAE/ASHE Standard 170-2008 s s ES~~

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[ecoinfo.cnrs.fr](http://ecoinfo.cnrs.fr)

New ASHRAE Thermal Guidelines for Air and Water Cooling Thermal Guidelines-2011 Whitepaper Environmental Control Application IT Equipment 2008 Classes 2011 Classes No Control Point-of-sale equipment, ruggedized controllers, or computers and PDAs Point-of-sale, industrial factory, etc. C 4 Minimal Control Personal computers, workstations ...

## ~~Addendum m to ANSI/ASHRAE/ASHE Standard 170-2008~~

This article is the first in a series taken from the Data Center Frontier Special Report on Data Center Cooling Standards (Getting Ready for Revisions to the ASHRAE Standard). For the majority of traditional data centers the environmental operating conditions have been long been based on ASHRAE recommendations defined in the "Thermal Guidelines for Data Processing Environments", which was ...

## ~~Gaseous and Particulate Contamination Guidelines for Data ...~~

ASHRAE STANDARDS COMMITTEE 2007-2008 Nadar R. Jayaraman Byron W. Jones Jay A. Kohler James D. Lutz ... or operated in accordance with ASHRAE's Standards or Guidelines or that any tests conducted under its ... system design requirements that provide environmental control for comfort, asepsis, and odor in health care facilities.

## ~~Thermal Guidelines for Data Processing Environments, Third ...~~

2008 ASHRAE Environmental Guidelines for Datacom Equipment-Expanding the Recommended Environmental Envelope- Cached. Download Links [tc99.ashraetcs.org] ... Version History; BibTeX @MISC{ \_2008ashrae, author = {}, title = {2008 ASHRAE Environmental Guidelines for Datacom Equipment-Expanding the Recommended Environmental Envelope-}, year = {} } Share.

## ~~IAQ Standards and Guidelines (EPA and ASHRAE Standard)~~

ANSI/ASHRAE/ASHE Standard 170-2008 Approved by the ASHRAE Standards Committee on January 21, 2012; by the ASHRAE Board of Directors on January 25, 2012; by ... ASHRAE Standards and Guidelines are established to assist industry and the public by offering a uniform method of testing for rating ... FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES ...

## ~~Thermal Guidelines for Data Processing Environments~~

The Environmental Protection Agency (EPA) list of VOCs is a comprehensive starting point to identify and reduce hazardous substances. Note that the use of a smart indoor air quality monitor is recommended by local and international regulatory bodies for the indoor air quality (IAQ) of private and public buildings. EPA IAQ Standards and Guidelines

## ~~2008 ASHRAE Environmental Guidelines for Datacom Equipment~~

2008 ASHRAE Environmental Guidelines for Datacom Equipment— Expanding the Recommended Environmental Envelope<sup>1</sup> The recommended environmental envelope for IT equipment is listed in Table 2.1 of ASHRAE's Thermal Guidelines for Data Processing Environments (2004). These recommended conditions, as well as the allowable conditions, refer to the

## ~~CiteSeerX—2008 ASHRAE Environmental Guidelines for ...~~

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~~2008 ASHRAE Environmental Guidelines For Datacom Equipment ...~~

ASHRAE TC 9.9 committee recently published the 2008 ASHRAE Environmental Guidelines for Datacom Equipment which extended the temperature-humidity envelope to provide greater flexibility in data center facility operations, particularly with the goal of reducing energy consumption.

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