



HD ENCLOSURE

for high density applications

The HD Enclosure was Built on the success of AFCO's revolutionary Kool-IT and Max-IT technology. HD delivers the ultimate in scalability and performance with its new flexible platform. HD is designed and engineered for seamless integration with conventional raised floor technology; conforming to ASHRAE TC 9.9, and ready for Tier 3 data center application.

Dimensions:

42 usable RU • 85" high

24", 28", 30", or 32" overall width

36", 42", or 48" overall depth



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FEATURES:

- Optimal Performance in real world data center infrastructure environments: 8kW (See Performance Air Charts).
- Kool-IT™ Technology Enabled.
- Available with Advanced SideCar Cable Technology.
- Innovative feature rich Intra-cabinet and Top-Side cable management.

To meet the challenges of high density heat dissipation and thermal management in a real-world data center environment, AFCO built server enclosure technology that's fundamentally different than everything the industry has seen before. Today there are over 30,000 Kool-IT systems deployed world wide.

- Thermal Management Module (TMM) provides control & reporting of thermal and power conditions with our state of the art micro-computer system and multi-sensor architecture.
- Six 225 CFM Variable Speed Fans automatically adjusts to varying heat loads, capable of dissipating return air back to the CRAH within critical Delta T performance requirements.
- The Base Plenum Plate with 6 Adjustable Airflow Apertures was designed to provide static pressure control of the raised floor leading to airflow management that delivers cool air; when, where and in the quantity needed.
- Door Baffle System enhances thermal performance and airflow management promoting the mix of room air with plenum air for increased heat dissipation and room balancing, while preventing the short cycling of fans.

THE HD ENCLOSURE IS CERTIFIED AS PART OF THE K3 RESOURCE MANAGEMENT SYSTEM



The K3 Resource Management System is a defined thermal management enclosure with matched intelligent power and a built in resource manager. It bridges the gaps between IT, Facilities and Operations, delivering balance, visibility and control for optimum datacenter performance.



