

RIVER COOLING SYSTEM™



HotSpotr Intelligent Air Mover



Immediately
Eliminate
Hot Spots

Increase
Cooling
Effectiveness

Non-Disruptive
Installation

HotSpotr Intelligent Air Mover

USE WITH ANY HIGH-FLOW TILE
DELIVER COOLING DIRECTLY TO SERVER RACKS

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HotSpotr Intelligent Air Mover

Successful data center cooling depends on effective airflow supply and distribution. HotSpotr intelligent air movers deliver cooling to server racks and eliminate hot spots without depleting airflow required by other servers and rows within your facility. Using intelligent measuring and monitoring of the data center space, the HotSpotr (HT-510T) auto-balances your valuable cooling supply, enhancing the effectiveness of your CRAC units.

Installing HotSpotrs is not only the smart way to solve airflow problems, but also the most cost effective. A single HotSpotr floor tile can monitor and service multiple racks. Each HotSpotr comes with 2 remote sensors which you place as needed for localized control. HotSpotrs pull air where you need it to overcome underfloor congestion and room/CRAC layout, recouping your cooling resources and allowing for additional server load. Twelve HT-510Ts supply the airflow equivalent of one 30-Ton CRAC with less than 1/3 the cost to implement and only 1/3 of the cost to operate per year.

HotSpotrs fit seamlessly into raised floor environments and are practically invisible. No server downtime or server rack movement is required for installation. The self-contained grate and air moving unit becomes part of the floor. Units use less than 127 mm (5") of underfloor depth, eliminating the clutter of portable fans and spot coolers.

PANEL TYPE	MODEL	AIRFLOW	FEATURES	COMPATIBILITY
HotSpotr	HT-510T	1200 CFM at 0 static pressure	8 high-performance DC fans Up to 4 temperature sensors DCiM, BMS integration with addition of AdaptivCool controller interface	Compatible with all high-flow tiles.

SPECIFICATIONS

Dimensions	22" x 22" x 2.6" (558mm x 558mm x 66mm)
Weight	16lbs. (7.2kg)
Mounting Options	Direct to grate or brackets to stanchions
Airflow	1200 CFM at 0 Static pressure
Operating Voltage	110-240 VAC, 50-60 Hz
Operating Current	2.0 AMP max. @ 120V
Power Input Connector	IEC C14 socket, accepts IEC C13 cordset
Temperature Settings	Two thermistors with connections for two additional thermistors