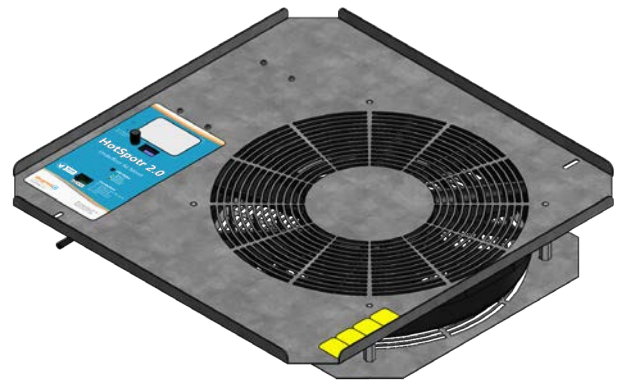


HotSpotr 2.0



Applications

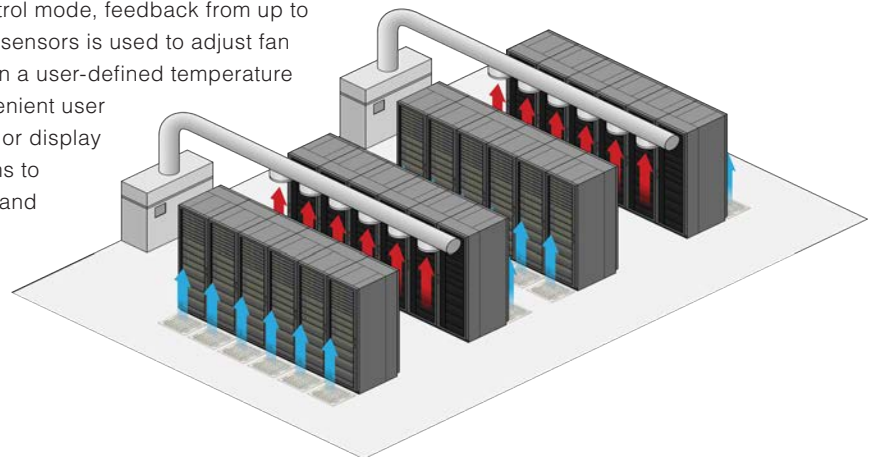
- Data Center
- Computer Rooms
- IT/Telecom Closets
- IDF/MDF Rooms
- Laboratory
- Specialized Raised Floor Applications

Overview

The HT2-500 HotSpotr 2.0 underfloor air mover immediately eliminates hot spots by providing the appropriate cool air resources needed for mission critical servers, without depleting airflow required by other racks and rows in the room. It is designed to be located beneath the access floor, as close as possible to the most critical rack to be cooled, and delivers air upward, to the inlet side of server racks. Using a high-performance DC fan to move air, the HotSpotr overcomes many underfloor obstructions and low-pressure pockets.

HotSpotr works with all raised floor systems. Intended to be attached to floor mount stanchions with an included mounting rail kit, the self-contained fan tray is completely independent of the perforated floor tile used above it. With proven performance in conjunction with large open area (50% or greater) perforated tiles such as ASM AF500, Tate GrateAire, Tate DirectAire AL, and Tate DirectAire XL, the HotSpotr 2.0 delivers significantly more airflow than its predecessor.

The air moving unit has two modes of operation, constant speed and temperature control. In temperature control mode, feedback from up to two temperature sensors is used to adjust fan speed to maintain a user-defined temperature setpoint. A convenient user interface with color display allows technicians to change settings and view operational status during installation.



Increase Cooling Effectiveness By Adding HotSpots To Pull Air To Where You Need It

Features

- Underfloor air mover delivers cold supply air to data center server racks
- Constant speed operation or fan speed control with up to 2 rack-mounted temperature sensors
- Active cooling with high-performance fan
- Seamless integration with larger solutions, HotSpotr becomes part of the floor
- Floor tile agnostic, mounts directly to 25mm (1") underfloor stanchions
- Uses less than <127mm (5") of underfloor depth
- Quick and easy installation of air mover
- Convenient user interface with color display to view status
- Plug and play device provides immediate results eliminating data center hot spots
- Proven performance with large open area (>50%) perforated airflow panels from manufacturers such as Tate, ASM, and Infinity
- Emergency power off (EPO) input

Specifications

Physical Specifications	
Airflow	1700 CFM at 0 Static Pressure (without floor tile in place)
Country of Origin	Made in USA
Dimensions	585mm x 585mm x 113mm (23.02" x 23.02" x 4.45")
Packaged Dimensions	737mm x 686mm x 193mm (29.0" x 27.0" x 7.6")
Weight	8.73kg (19.3lbs)
Packaged Weight	12.52kg (27.6lbs)
Housing Construction	Galvanized steel
Mounting	Direct attachment to underfloor stanchions with included mounting kit
Electrical Specifications	
Operating Voltage	100 - 240VAC 50/60Hz
Operating Current	< 4.0A
Power Cord	120V Version: 3m (10') 16 AWG Black Power Cord with NEMA 5-15P Plug 240V Version: 2.4m (8') 14 AWG Black Power Cord with NEMA 6-15P Plug

Environmental

Operating Temperature	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)
Operating Humidity	20 to 85% non-condensing continuous 20 to 90% non-condensing 96 hours
Storage Humidity	10 to 95% non-condensing

Configurations

120V Power Cord Part Number(s)	240V Power Cord Part Number(s)	Description
FL10161	FL10162	HT2-500 Underfloor air mover without temperature sensor
FL10161, 10161AS012	FL10162, 10161AS012	HT2-500 Underfloor air mover with (1) temperature sensor
FL10161, 2X 10161AS012	FL10162, 2X 10161AS012	HT2-500 Underfloor air mover with (2) temperature sensors where the second sensor provides redundancy

PN FL1016x HotSpotr air mover includes mounting rail kit.

