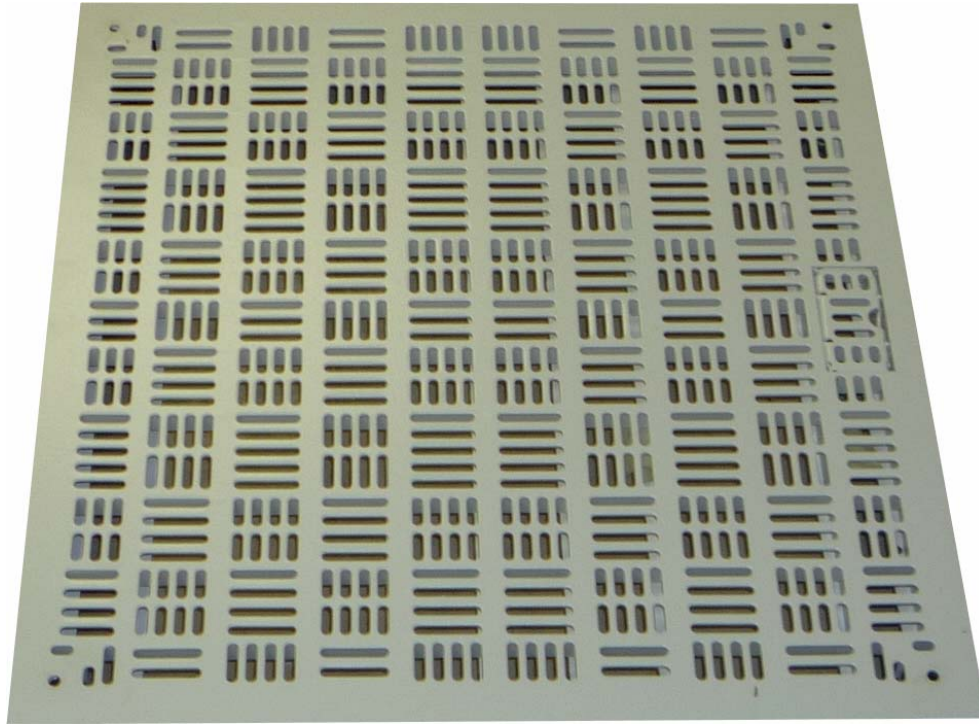


HAVE DATA CENTER HOTSPOTS?

Introducing the 55% Universal High Output Airflow Grate
Providing the Industry's Leading Data Center Hot Spot Solution



55% AIRFLOW

1500-4000 LBS. LOAD RATING

UNIVERSALLY ADAPTS TO MOST FLOOR SYSTEMS

BUILT-IN, SELF RETRACTING EASY LIFT HANDLE

OPTIONAL DAMPER & LEVELING HARDWARE

RUGGED HEAVY GAUGE STEEL PANEL

Ask about our no obligation Test and Evaluation



PRO ACCESS FLOORS
RAISED ACCESS FLOORING

THE VENTED FLOOR PANEL THAT PUTS A FREEZE ON COLD AISLES



The 55% Air Grate delivers three times the air cooling CFM ¹ to server racks in cold aisles of a high density data center. Computer rooms equipped with ordinary perforated airflow panels struggle to deliver 250-450 CFM, but certified tests show with a static pressure of .10 (H2O) inches, the Air Grate with 55% open area ² delivers 1145 CFM.

What sets this high performance air grate apart from all others is its ability to adapt into both wood core and welded steel raised computer floor systems. Regardless of age or brand manufacturer, the Air Grate fits into virtually every raised floor system ever produced ³.

A factory applied textured (static-dissipative) epoxy coat finish guards against corrosion, and a flush self-retracting lift handle make this air grate easy to lift and manage. However, the appeal of the Air Grate goes well beyond its fresh look and patented design appearance. The Air Grate offers a heavy duty performance ⁴ of 1,500 LB concentrated load on one square inch, castor rolling load of 1,000 LBS, and an impressive minimum ultimate (safety factor) load capacity of 4,000 LBS.

Whether you are trying to obtain maximum cooling efficiency in a small computer room or battling extreme KW from high density blade servers in a large data center, the Air Grate is your universal solution for increased air cooling. When balancing static pressure, air volume is easily throttled down, or practically shut off complete with the snap-on Quad Damper (patent pending).

1. As compared to ordinary (25% open area) perforated airflow panel.
2. Percentage of available open area.
3. U.S. imperial standard 24" x 24" modular size.
4. Accordance to Ceilings & Interior Systems Construction Association (industry) test procedures.

Epoxy Finish Colors

A durable, epoxy white powder coat finish is standard on all Air Grates. It provides a long-wearing, corrosion-resistant finish to ensure years of outstanding service.

Electrostatic Performance Properties

Typical Resistance Test Values (surface to ground resistance, NFPA Chapter 3):

Winter White	STANDARD FINISH	Static-Dissipative/ Anti-Static	$1.0 \times 10^6 - 2.0 \times 10^{10}$ Ohms
Con-White	PREMIUM FINISH	Conductive	$2.5 \times 10^4 - 1.0 \times 10^6$ Ohms
Grey Mist	PREMIUM FINISH	Conductive	$2.5 \times 10^4 - 1.0 \times 10^6$ Ohms
SandStone	PREMIUM FINISH	Conductive	$2.5 \times 10^4 - 1.0 \times 10^6$ Ohms



Colors displayed are for general illustration purpose only. Actual color may vary.

