

NG DC 55

HIGH VOLUME FLOOR TILES

15 ~ 20 Years Life

**Remember the days without the internet ?
That was when your perforated tiles were designed!**

However with today's heat load, your perforated tiles that were designed 25 years ago are just not enough for today's high density equipment. The NGBPS's NG DC 55 air grate is a 600mm x 600mm Die- Cast Aluminium floor grate with a minimum open area of 55% that delivers almost twice the CFM of the average perforated floor tiles. That means that it provides enough airflow to properly cool your high density equipment. The NG DC 55 grate can be the solution to your Hot-Spot problems by allowing air to flow high enough to cool those servers that are positioned close to the top of your server cabinets. In side by side test, the NG DC 55 has proven higher Air-flow than any other High Volume Air grate available. With a proper static pressure under the floor it is possible to achieve air volume (CFM) of upto 1000. This is enough to cool 5kW

The NG DC 55 is a heavy duty tile which can handle point loads in accordance with the UK - PSA-MOB standard for heavy grade tiles making it an excellent tile for today's data center environment.

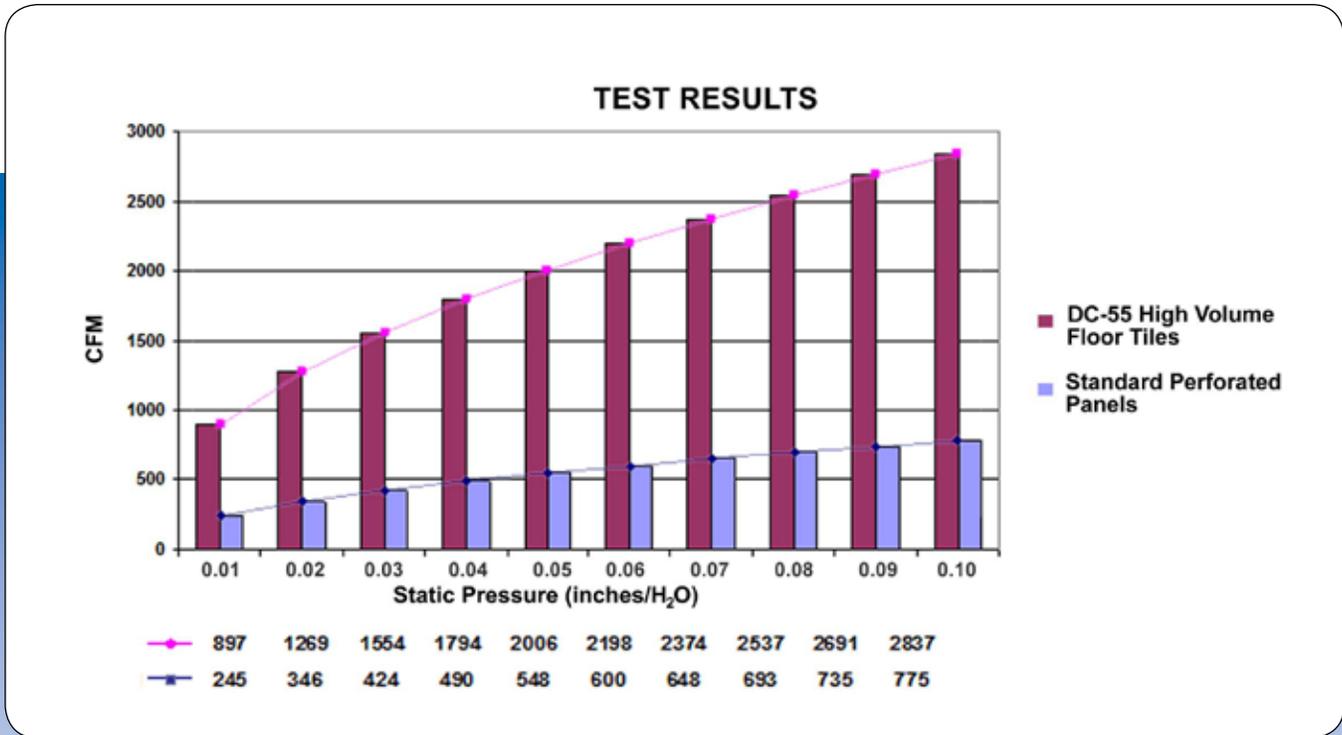
The NG DC 55 has a factory applied, high durability light grey powder coat finish to prevent corrosion and this heavy duty perforated panel can withstand a point load of over 4.5 KN (1000 lb per square inch) and a uniform distributed load of 13.5 KN (PSB Test Results available upon request)

The NG DC 55 is also available with a louvered Damper so you can adjust the volume of air needed for your particular application and equipment load. The louvered damper is adjustable from the top so you so not have to remove that tile to make those critical adjustments. The NG DC 55 damper assembly has a very small profile so the under floor laminar air-flow is not affected.

NGBPS LIMITED, the leader in Data Center Products and Solutions, now offers this new tile in it's arsenal of Cooling solutions for your Data Center. Call your NGBPS representative to come in and give you a demonstration of this state-of-the-art new tile. We will take air-flow measurements right before your eyes so that you can see the vast difference between your old outdated tile and this latest in cooling technology.



NG DC 55 HIGH VOLUME FLOOR TILES



Testing by TUV/PSB Singapore to CISCA Standards

Concentrated load test

6,500N/1500ib

Safety Factor

2.5X

Rolling Load

10,000 Passes @ 3,500N Deflection > 0.3mm

Without Damper

Dimensions: 600mm x 600 mm x 45 mm

Weight: 7.8Kg

With Damper

Dimensions : 600mm x 600mm x 103mm

Weight 9.4Kg



NGBPS LIMITED

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