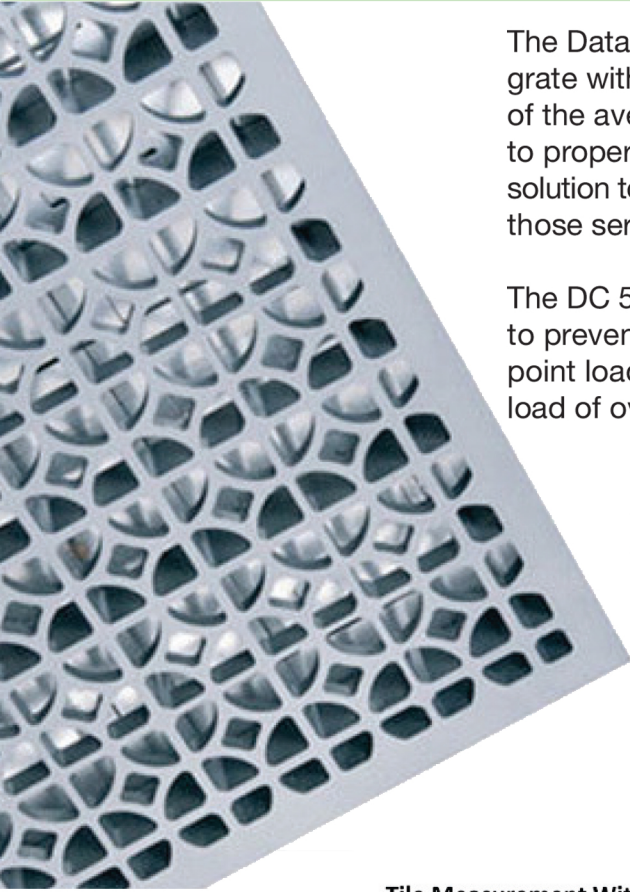


The Controlled Environment Specialists

DC-55 HIGH VOLUME FLOOR TILES

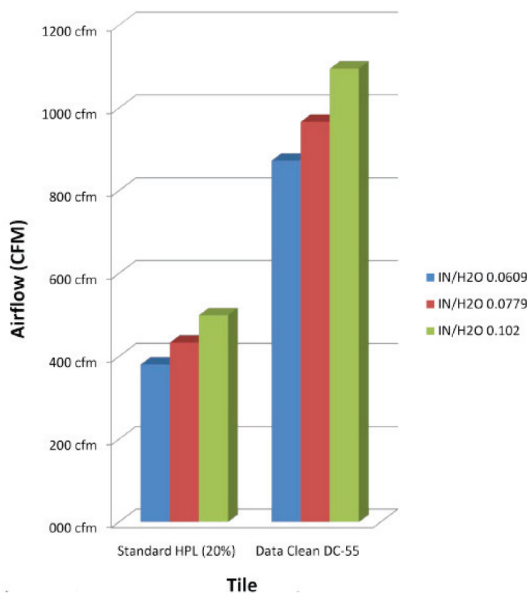


The Data Clean's DC 55 Air Grate is a 600mm x 600mm cast aluminum floor grate with a minimum open area of 55% that delivers almost twice the CFM of the average perforated floor tiles. That mean it provides enough airflow to properly cool your high density equipment. The DC55 grate can be the solution 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.

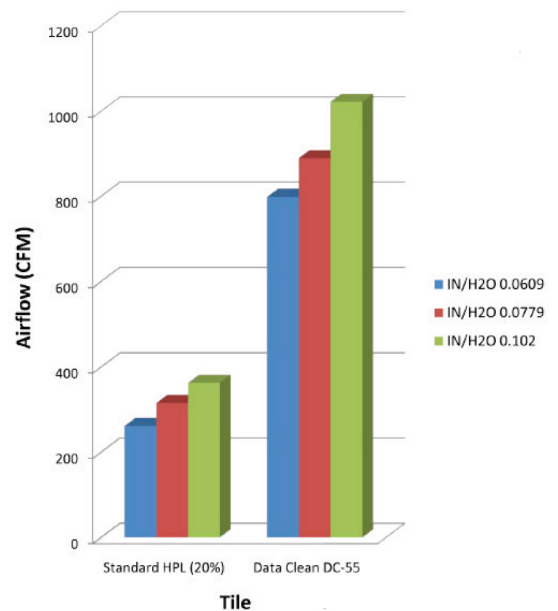
The DC 55 has a factory applied, high durability, light grey powder coat finish to prevent corrosion and this heavy-duty perforated panel can withstand a point load of over 4.5KN (1,000lb per square inch) and a uniform distributed load of over 13.5KN (PSB test results available upon request).

The 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 do not have to remove the tile to make those critical adjustments. The DC 55 damper assembly has a very small profile so the underfloor laminar air-flow is not affected.

Tile Measurement Without Damper



Tile Measurement With Damper



Dimensions: 600mm x 600mm x 45mm
Weight: 7.8kg
Material: Cast Aluminum
Open Area: 568

Concentrated Load Test: 6,500N/1,500lb
Safety Factor: 2.5 X
Rolling Load: 10,000 Passes @ 3,500N
Deflection >0.3mm

Testing by TUV/PSB Singapore to CISCA standards

Available with opposed blade louvre damper