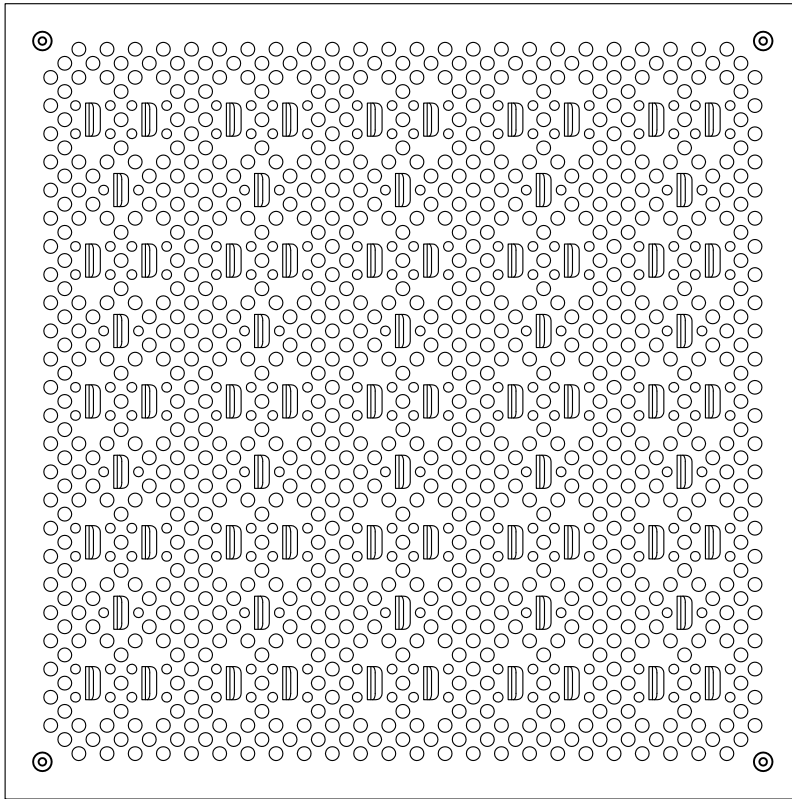


DPERF 1250 25% Air Flow Panel-24"

RACK
FACE



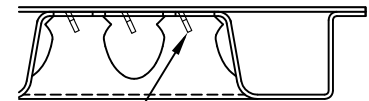
SPECIFICATIONS

General information

- 25% open area.
- 24 inches square all steel construction.
- Concentrated load rating up to 1250 lbs.
- Available with or without galvanized slide damper.
- Protected from corrosion by anti-static powder coat finish - 25,000 to 20,000,000,000 ohms when tested at 500 volts per NFPA 99
- Class A flame spread rating.
- Non-combustible material.
- Anti-static SparkLite White powder coat

UNDERSTRUCTURE OPTIONS

- 2' Bolted Stringer 4' Bolted Stringer



DIRECTIONAL LABEL

FULL HARD COLD ROLLED STEEL TOP SHEET

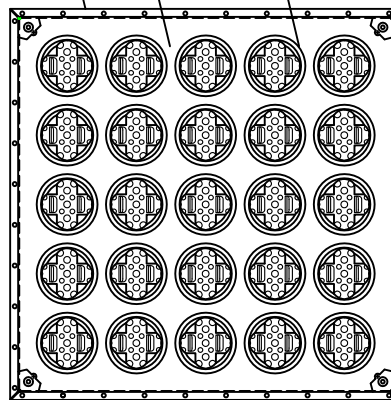
POWDER COAT FINISH INSIDE & OUT
DRAW QUALITY STEEL BOTTOM PAN

DIRECTIONAL VANES

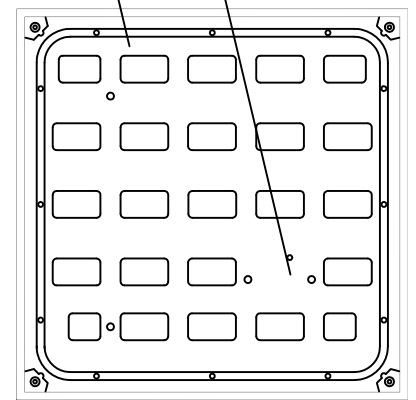
HOT DIPPED GALVANIZED DAMPER

DAMPER ADJUSTS FROM TOP WITH ALLEN WRENCH

Static Pressure (In. H ₂ O)	Air Volume no damper (CFM)	Air Volume w/ damper open (CFM)	Air Volume w/ damper closed (CFM)
0.02	341	266	30
0.04	486	369	44
0.05	538	408	48
0.06	584	454	53
0.08	669	520	58
0.10	743	582	68
0.12	809	614	74
0.14	870	655	80
0.16	921	709	92
0.18	981	753	96
0.20	1029	782	104



BOTTOM VIEW



BOTTOM VIEW WITH DAMPER

System Performance Criteria (Tested on Actual Understructure)*

Panel	Understructure	System Weight (lbs/ft ²)	Static Loads		Rolling Loads		Impact Loads (lbs)	Total Air Capture
			Design Loads ¹ (lbs)	Safety Factor ² (min 2.0)	10 Passes (lbs)	10,000 Passes (lbs)		
25% DPERF1250	Bolted Stringer	6.85 (33.5kg/m ²)	1250 (5.6kN)	Min. > 2.0	-	-	150 (68kg)	93%

*All tests are performed using CISCAs Recommended Test Procedures for Access Floors with the exception of Design Load

1. Design Load is tested using CISCAs Concentrated Load test method on actual understructure instead of steel blocks. Design Load is determined by taking the lesser value of ultimate load (as defined by CISCAs) divided by two or the point at which permanent damage begins to occur (yield point).

2. Safety factor is the multiple of Design load to the Ultimate Load. International standards and Tate recommend a minimum of 2.