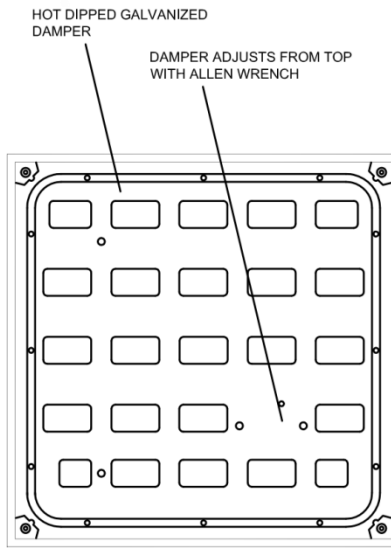


BOTTOM VIEW



BOTTOM VIEW WITH DAMPER

SPECIFICATIONS

General Information

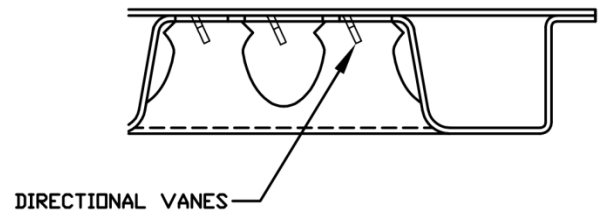
- 25% open area
- 24 Inches square all steel construction
- Concentrated load rating up to 1250 lbs
- Protected from corrosion by anti-static powder coat finish- 25,000 to 20,000,000,000 ohms when tested at 500 volts per NFPA 99
- Patented Intermingled airflow vanes for directional airflow
- Class A flame spread rating
- Non-combustible material
- Directional Airflow for 93% Capture Index
- SparkLite White anti-static powder coat

UNDERSTRUCTURE OPTIONS

- 24" Bolted Stringer
- 48" Bolted Stringer

AIRFLOW CONTROL OPTIONS

- Slide Damper



DirectPerf [®] 25% 24" System Performance Criteria*			Static Loads			Rolling Loads (lbs)		Impact	Airflow	
Panel Type	Under-Structure	System Weight (lbs/ft ²)	Design Loads (lbs)	Safety Factor	Ultimate Load (lbs)	10 Passes	10,000 Passes	Load (lbs)	@ 0.1"H ₂ O (CFM)	Capture Index
DirectPerf 25% 1250	Bolted Stringer	6.85	1250	Min > 2	2500	-	-	150	743	93%

1. System Design Load is based on permanent set $\leq 0.010"$ and is verified by loading panels in accordance with the CISCA concentrated load method but with panels installed on actual understructure instead of steel blocks. (Testing on blocks does not represent performance of an actual installation.) Ultimate, Rolling, and Impact Load tests are performed using CISCA Test Procedures.

2. Safety Factor is Ultimate Load divided by Design Load.

DirectPerf [®] 25% 24"			
Static Pressure (in. wc)	CFM (w/o Damper)	CFM (w/ Damper Open)	CFM (w/ Damper Closed)
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
0.1	743	582	68
0.12	809	614	74
0.14	870	655	80
0.16	921	709	92
0.18	981	753	96
0.2	1029	782	104