

SPECIFICATIONS

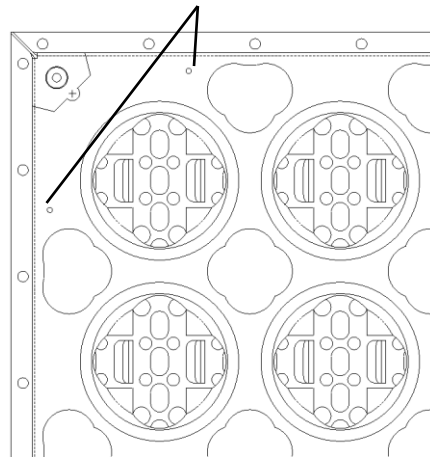
General Information

- 32% 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
- Pre-drilled for field mounted opposed blade dampers.
- Directional Airflow for 88% Capture Index
- SparkLite White anti-static powder coat

DirectPerf® 32% 24"		
Static Pressure (in. wc)	CFM (w/o Damper)	kW
0.02	531	3.7
0.04	744	5.2
0.05	833	5.8
0.06	890	6.2
0.08	1010	7.0
0.1	1121	7.8
0.12	1236	8.6
0.14	1344	9.4
0.16	1428	10.0
0.18	1507	10.5
0.2	1597	11.1

*Refer to Airflow Control Device Datasheets for airflow values

Predrilled hole for field mounted opposed blade damper



Bottom Corner View

UNDERSTRUCTURE OPTIONS

- 24" Bolted Stringer
- 48" Bolted Stringer

AIRFLOW CONTROL OPTIONS

- Single-zone Opposed Blade Damper (Field-Mounted)
- Multi-zone Opposed Blade Damper (Field-Mounted)

DirectPerf® 32% 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 32% 1250	Bolted Stringer	6.25	1250	Min > 2	2500	-	-	150	1121	88%

* System load tests are conducted following CISCA's Recommended Test Procedures with the exception of Design Load. Design Load is a CISCA concentrated Load Test performed on actual understructure using yield point and safety factors in place of deflection.