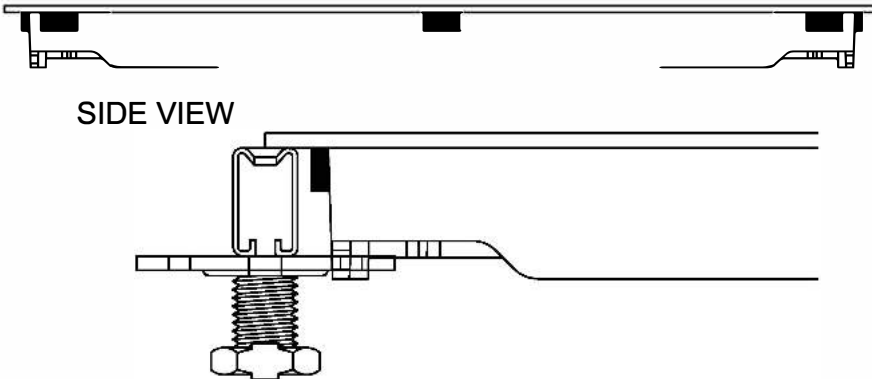


TOP VIEW



SIDE VIEW

SPECIFICATIONS

General information

- Die cast aluminum construction
- Interchangeable with laminated ConCore® and All Steel panels
- 56% open area
- Panel size: 24 inches square
- Panel height at corner: 1.250". Total panel height 1.687".
- Flange width with tabs: .480" to accommodate 3/4" wide stringers.
- Panel weight: 4.7 lb./ft²
- Non-combustible material
- Class A flame spread rating
- Available with or without damper
- Damper with can be adjusted from the top to restrict air flow by up to 100%
- Removeable with portable lifting device

UNDERSTRUCTURE OPTIONS

- 2' Heavy duty bolted stringer system
- 4' Heavy duty bolted stringer system

COATING OPTIONS

- Bare textured
- Anti-static SparkLite White powder coat finish - 25,000 TO 20,000,000,000 ohms when tested at 500 volts per NFPA 99

AIRFLOW CONTROL OPTIONS

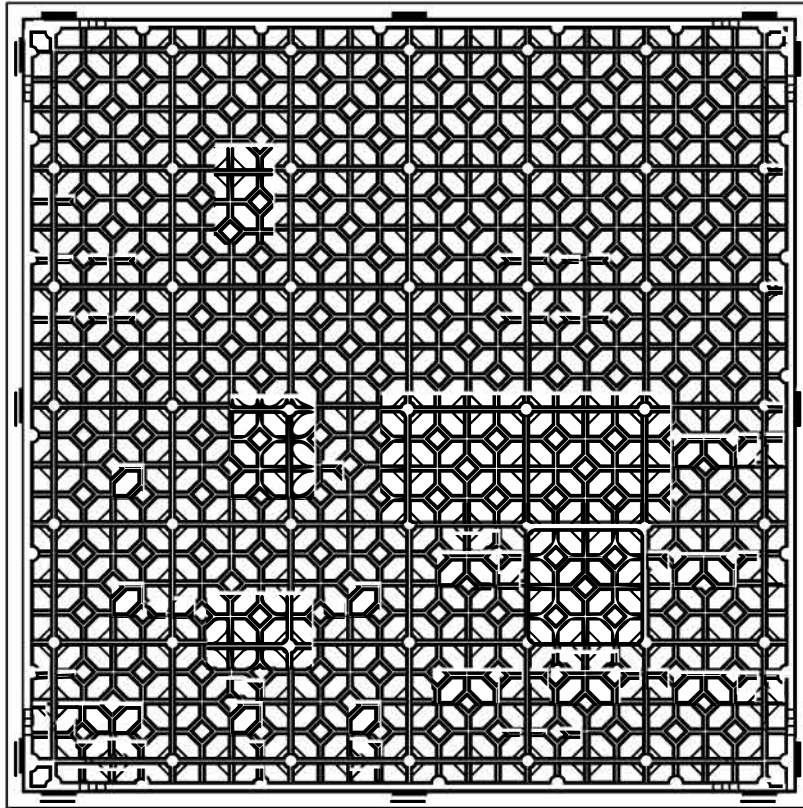
- Slide Damper (Factory Installed)
- Single-zone Opposed Blade Damper (Field Mounted)

Static Pressure (In. H ₂ O)	No Damper (CFM)	Opposed Blade Damper (CFM)		Slide Damper (CFM)	
		Open	Closed	Open	Closed
0.02	916	810	130	504	108
0.04	1320	1121	181	712	156
0.06	1608	1386	218	876	196
0.08	1860	1595	253	1008	224
0.10	2096	1785	286	1128	252

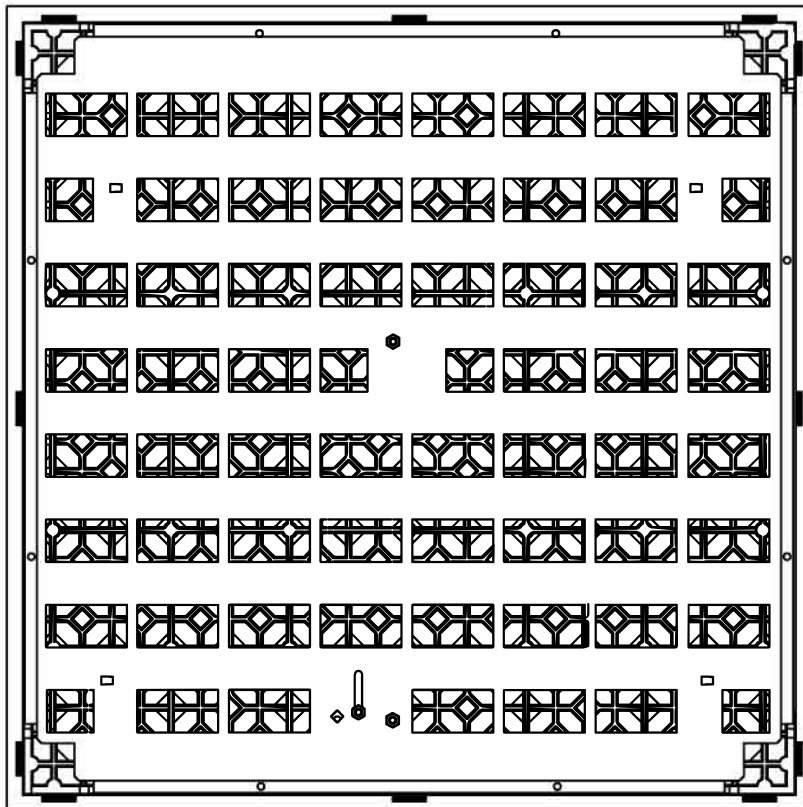
System Performance Criteria (Tested on Actual Understructure)*

System Type	Understructure	SYSTEM WEIGHT	STATIC LOADS		ROLLING LOADS		IMPACT LOADS
			Design Loads	Safety Factor (min. 2.0)	10 Passes	10,000 Passes	
Aluminum GrateAire	Bolted Stringer	6.25 lbs / ft² 30.5 kg / m²	1000 lbs 454 kg	Pass	1000 lbs 454 kg	800 lbs 363 kg	100 lbs 45 kg

1. System Design Load is based on permanent set ≤ 0.25 mm 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.



BOTTOM VIEW



BOTTOM VIEW WITH FACTORY INSTALLED SLIDE DAMPER