

## SPECIFICATIONS

### General Information

- Welded Steel Grate Design
- Interchangeable with ConCore and All-Steel Panels as well as other panel systems upon test and verification
- 63% Open Area without a damper
- Supports over 9.5 kW per Rack @ 0.10" H<sub>2</sub>O
- Panel Size: 24" Square
- Panel Height, corner to bottom of lip: 1.19"
- Total Panel height: 2.19"
- Panel weight: 48.5 lbs
- Removable with portable lifting device
- Bi-Directional Airflow for 93% Capture Index
- SparkLite White anti-static powder coat

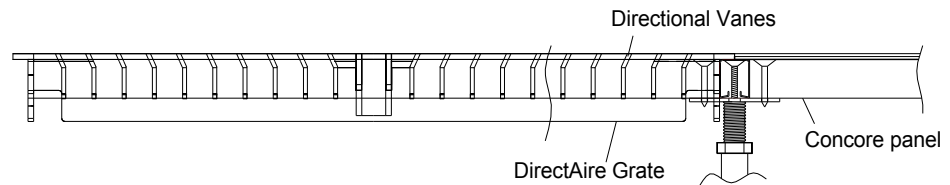
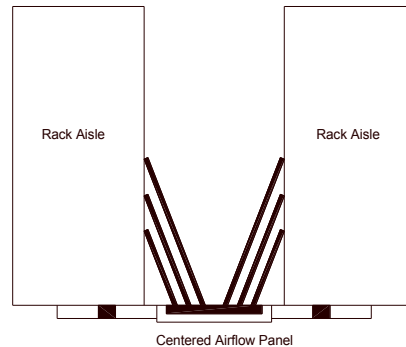
DirectAire®		
Static Pressure (in. wc)	CFM (w/o Damper)	kW/rack
0.02	1121	4.1
0.04	1614	6.0
0.05	1829	6.7
0.06	1996	7.4
0.08	2296	8.5
0.1	2579	9.5
0.12	2782	10.3
0.14	2936	10.8
0.16	3170	11.7
0.18	3330	12.3
0.2	3402	12.6

## UNDERSTRUCTURE OPTIONS

- 24" Bolted Stringer
- 48" Bolted Stringer

## AIRFLOW CONTROL OPTIONS

- SmartAire® MZ
- PowerAire® Quad
- Dual-zone Opposed Blade Damper



DirectAire® X2 24" System Performance Criteria			Static Loads			Rolling Loads (lbs)		Impact	Airflow	
Panel Type	Under-Structure	System Weight (lbs/ft <sup>2</sup> )	Design Loads (lbs)	Safety Factor	Ultimate Load (lbs)	10 Passes	10,000 Passes	Load (lbs)	@ 0.1" H <sub>2</sub> O (CFM)	Capture Index
DirectAire	Bolted Stringer	13	2500	Min > 2	>5000	1500	1500	200	2579	93%

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