

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" H₂O
- 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

UNDERSTRUCTURE OPTIONS

- 24" Bolted Stringer
- 48" Bolted Stringer

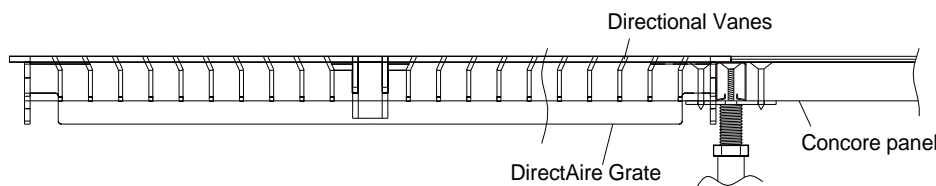
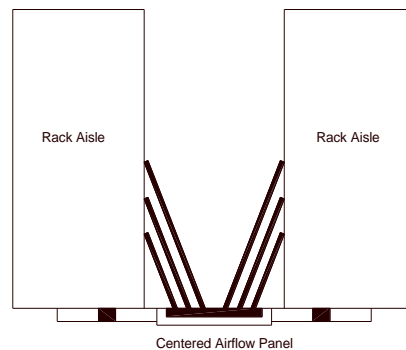
AIRFLOW CONTROL OPTIONS

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

FINISH OPTIONS

- SparkLite White anti-static powder coat
- Contact Inside Sales for special request

| 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 |



| DirectAire® X2 24" System Performance Criteria* | | | Static Loads | | | Rolling Loads | | Impact | Airflow | |
|---|-----------------|--------------------------------------|--------------------|---------------|---------------------|-----------------|---------------------|------------|-------------------------------|---------------|
| Panel Type | Under-Structure | System Weight (lbs/ft ²) | Design Loads (lbs) | Safety Factor | Ultimate Load (lbs) | 10 Passes (lbs) | 10,000 Passes (lbs) | Load (lbs) | @ 0.1" H ₂ O (CFM) | Capture Index |
| DirectAire X2 | Bolted Stringer | 13 | 2500 | Min > 2 | > 5000 | 2000 | 2000 | 200 | 2600 | 93% |

* 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.