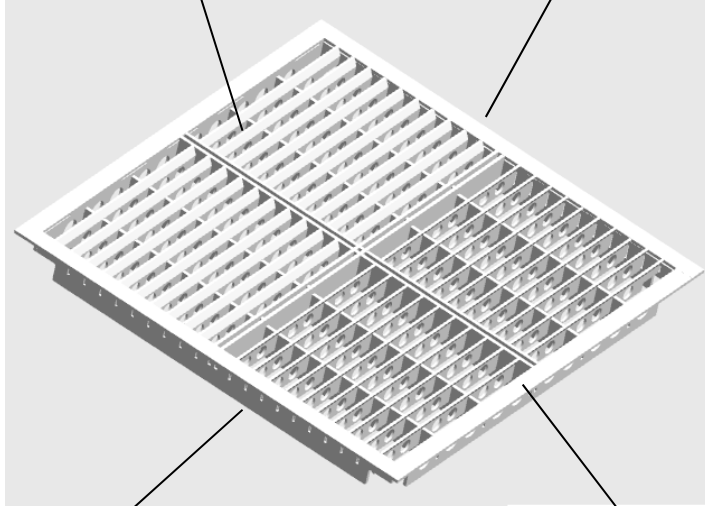


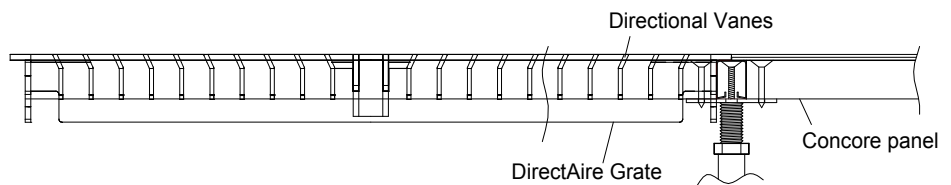
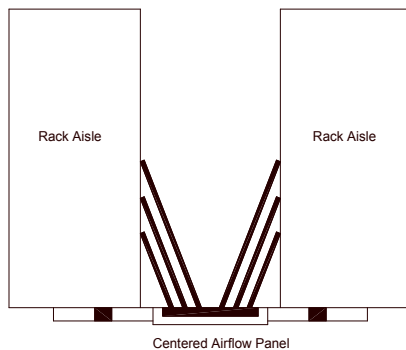
56% Open Area for easy retrofit  
 Directional Vanes for high TAC % in both directions



Perforated Vanes allow for even flow through panel

High Strength Steel Design for high design and rolling loads

| DirectAire™ BiDirectional CFM |           |
|-------------------------------|-----------|
| Static Pressure               | Total CFM |
| 0.02                          | 900       |
| 0.04                          | 1300      |
| 0.05                          | 1450      |
| 0.06                          | 1610      |
| 0.08                          | 1820      |
| 0.1                           | 2096      |
| 0.12                          | 2300      |
| 0.14                          | 2459      |
| 0.16                          | 2700      |
| 0.18                          | 2800      |
| 0.2                           | 3000      |



## SPECIFICATIONS

### General Information

- Welded Steel Grate Design
- Interchangeable with laminated ConCore and All-Steel panels, as well as other panel systems upon verification
- 56% open area without a damper
- Can support up to 13kW per rack on either direction
- Panel size: 24" square
- Panel heights at corner to bottom of lip 0.79". Total panel height of 2.187"
- Flange width: .79" to accommodate 1.5" wide stringers
- Panel weight: 48.5 lbs
- Removable with portable lifting device
- TAC of 93%
- Dual Directional Air Flow

## UNDERSTRUCTURE OPTIONS

- Snap Tight Stringer
- Heavy Duty Stringer

## COATING OPTIONS

- 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

- SmartAire™ Auto VAV Damper
- PowerAire™ Fan Assist
- Slide in X2 Opposed Blade Manual Damper

### DirectAire™ System Performance Criteria\*

| Panel Type: | Understructure: | Static Loads             |              |               |               | Rolling Loads |               |              | CFM (.10" H <sub>2</sub> O) | Total Air Capture |
|-------------|-----------------|--------------------------|--------------|---------------|---------------|---------------|---------------|--------------|-----------------------------|-------------------|
|             |                 | System Weight            | Design Loads | Safety Factor | Ultimate Load | 10 Passes     | 10,000 Passes | Impact Loads |                             |                   |
| DirectAire  | Bolted Stringer | 13.0 lbs/ft <sup>2</sup> | 2000 lbs     | Min > 2       | > 4000 lbs    | 1500 lbs      | 1500 lbs      | 150 lbs      | 2096                        | 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