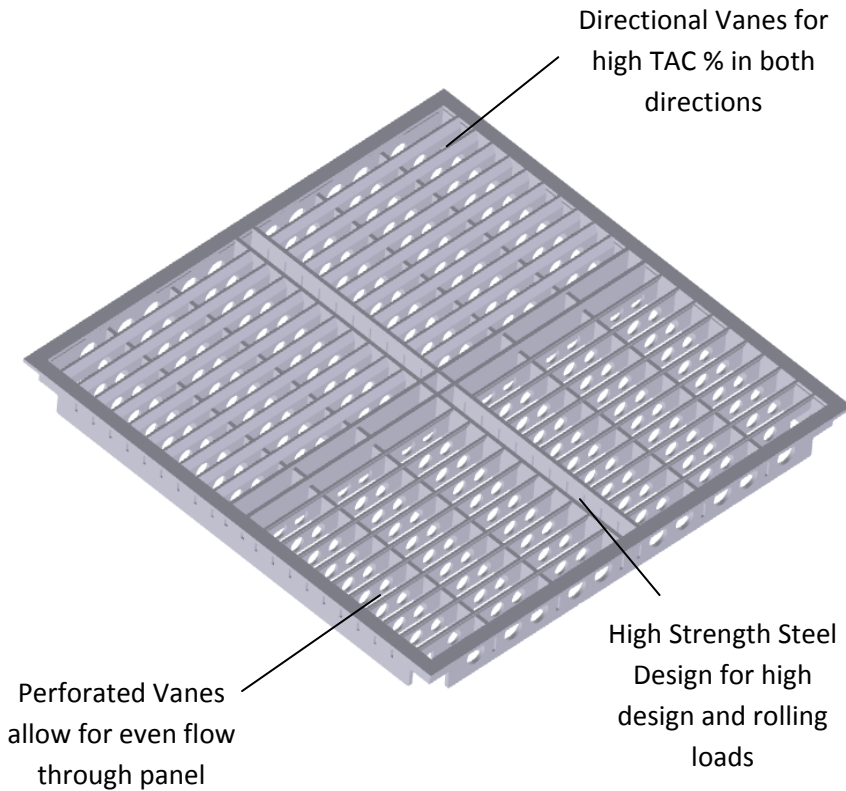


BiDirectional DirectAire for 24" Bolted Steel Stringer System



SPECIFICATIONS

General Information

- Welded Steel Design
- Interchangeable with laminated ConCore and All-Steel panels
- 68% open area without a damper
- Can support up to 12.5kW per rack on either direction
- Panel size: 24 inches square
- Panel heights at corner to bottom of lip 1-3/16". Total panel height of 2-3/16"
- Flange width: .500" to accommodate 3/4" wide stringers
- Panel weight: 48.5 lb
- Removable with portable lifting device
- TAC of 93% total
- Dual Path Directional Air Flow

UNDERSTRUCTURE OPTIONS

- 4' Bolted Stringer Steel System

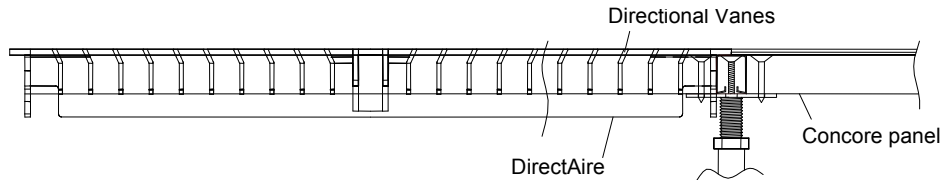
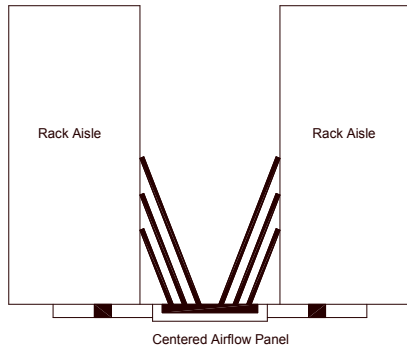
COATING OPTIONS

- Conductive powder coat Sparklite White

AIRFLOW CONTROL OPTIONS

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

DirectAire™ BiDirectional CFM	
Static Pressure	Total CFM
0.02	1151
0.04	1626
0.05	1844
0.06	2007
0.08	2318
0.1	2594
0.12	2823
0.14	3027
0.16	3217
0.18	3378
0.2	3433



DirectAire System™ Performance Criteria*

Panel	Understructure	System Weight	STATIC LOADS		ROLLING LOADS		Impact Load	CFM (.10" H2O)	Total Air Capture
			Design Load	Safety Factor	10 Passes	10,000 Passes			
DirectAire™	Bolted Stringer	13.0 lbs / ft²	2500 lbs	Min > 2	2000 lbs	2000 lbs	200 lbs	2600	93%

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