

DirectAir™ CFM and Heat Load Capacity		
Static Pressure	Total CFM	kW Per Rack uncontained
0.02	1151	8.5
0.04	1626	12.0
0.05	1844	13.6
0.06	2007	14.8
0.08	2318	17.1
0.10	2594	19.1
0.12	2823	20.8
0.14	3027	22.3
0.16	3217	23.7
0.18	3378	24.9
0.20	3433	25.3

SPECIFICATIONS

General Information

- Welded Steel Grate Design
- Interchangeable with laminated ConCore and All-Steel panels
- 68% open area without a damper
- Can support up to 25.3kW per rack
- 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 lbs.
- Removable with portable lifting device
- TAC of 93%
- Directional Air Flow

UNDERSTRUCTURE OPTIONS

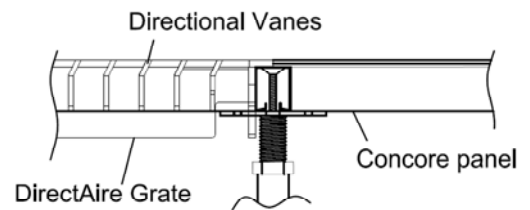
- 4' Bolted Stringer Steel System

COATING OPTIONS

- Epoxy powder coat white

AIRFLOW CONTROL OPTIONS

- SmartAir™ Auto VAV Damper
- PowerAir™ Fan Assist
- Manual Opposed Blade Damper



DirectAir 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			
DirectAir™	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 yeild point and safety factors in place of deflection.