

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 28.5kW 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 lb
- Removable with portable lifting device
- TAC of 93%
- Directional Air Flow

UNDERSTRUCTURE OPTIONS

- 2' Bolted Stringer Steel System
- 4' Bolted Stringer Steel System

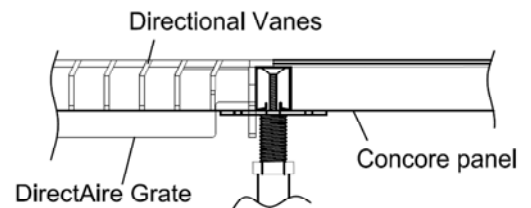
COATING OPTIONS

- Conductive powder coat White
- Conductive powder coat Black

AIRFLOW CONTROL OPTIONS

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

DirectAire™ CFM and Heat Load Capacity			
Static Pressure	CFM	kW Per Rack uncontained	kW Per Rack contained
0.02	976	7.6	8.1
0.04	1431	11.1	11.9
0.05	1701	13.2	14.2
0.06	1882	14.6	15.7
0.08	2235	17.3	18.6
0.1	2618	20.3	21.8
0.12	2869	22.2	23.9
0.14	3058	23.7	25.5
0.16	3170	24.6	26.4
0.18	3457	26.8	28.8
0.2	3681	28.5	30.7



DirectAire™ System Performance Criteria*

Panel	Understructure	System Weight	Static Loads			Rolling Loads			CFM (.10" H ₂ O)	Total Air Capture
			Design Loads	Safety Factors	Ultimate Loads	10 Passes	10,000 Passes	Impact Loads		
DirectAire®	Bolted Stringer	13.0 lbs/ft²	2000 lbs	Min >2	>4000 lbs	1500 lbs	1500 lbs	150 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.