



DirectAire® 60CM		
Static Pressure (Pa)	L/s (w/o Damper)	kW
5	543	8.5
10	767	12.0
12.5	870	13.6
15	947	14.8
20	1094	17.1
25	1227	19.1
30	1332	20.8
35	1429	22.3
40	1518	23.7
45	1594	24.9
50	1620	25.3

## SPECIFICATIONS

### General Information

- Welded Steel Grate Design
- Interchangeable with ConCore and All-Steel Panels as well as other panel systems upon test and verification
- 68% Open Area without a damper
- Supports over 19 kW per Rack @ 25 Pa
- Panel Size: 60cm Square
- Panel Height, corner to bottom of lip: 30.15mm
- Total Panel height: 55.55mm
- Panel weight: 22 kg
- Removable with portable lifting device
- Directional Airflow for 93% Capture Index
- SparkLite White anti-static powder coat

## UNDERSTRUCTURE OPTIONS

- 60cm Bolted Stringer
- 120cm Bolted Stringer

## AIRFLOW CONTROL OPTIONS

- SmartAire® MZ
- PowerAire® Quad
- Single-zone Opposed Blade Damper
- Multi-zone Opposed Blade Damper

DirectAire® 60CM System Performance Criteria			Static Loads			Rolling Loads (kN)		Impact	Airflow	
Panel Type	Under-Structure	System Weight (kg/m <sup>2</sup> )	Design Loads (kN)	Safety Factor	Ultimate Load (kN)	10 Passes	10,000 Passes	Load (kN)	@ 25 Pa. (L/s)	Capture Index
DirectAire	Bolted Stringer	63.5	11.1	Min > 2	>22.2	6.67	6.67	0.888	1227	93%

1. System Design Load is based on permanent set  $\leq 0.010''$  and is verified by loading panels in accordance with the CISCA concentrated load method but with panels installed on actual understructure instead of steel blocks. (Testing on blocks does not represent performance of an actual installation.) Ultimate, Rolling, and Impact Load tests are performed using CISCA Test Procedures.

2. Safety Factor is Ultimate Load divided by Design Load.