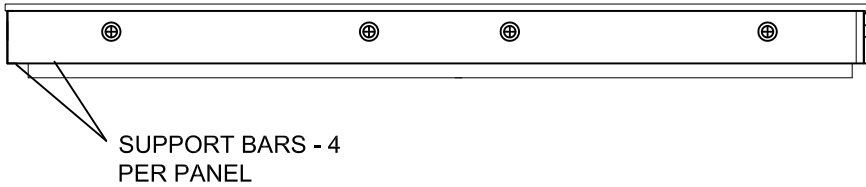
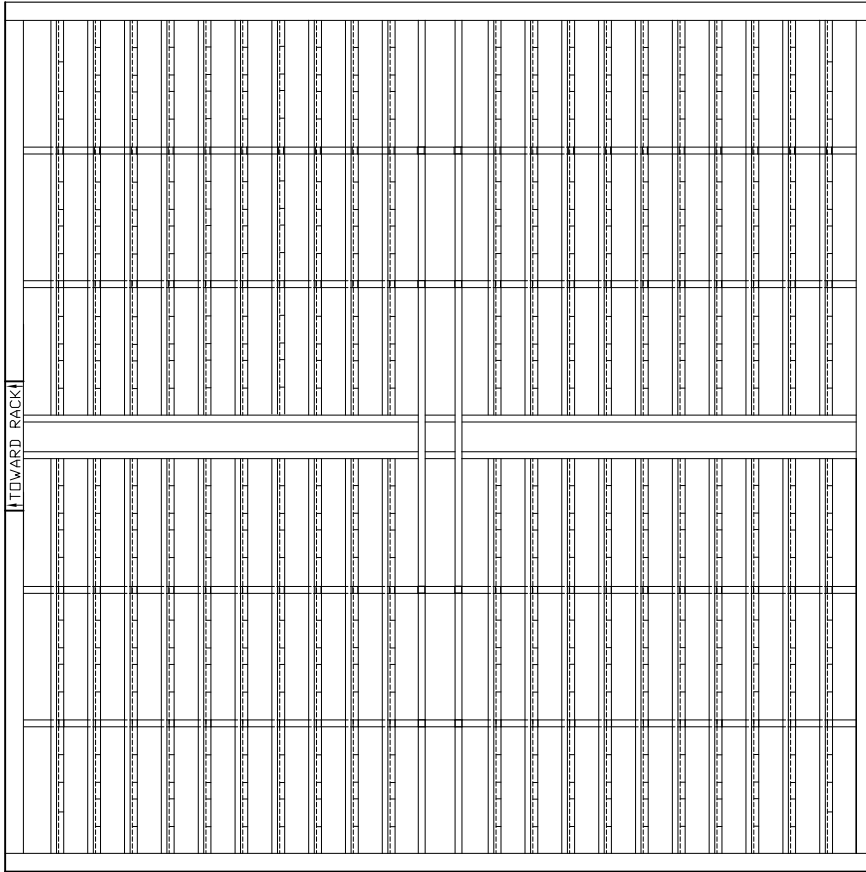


RACK
FACE



SPECIFICATIONS

General information

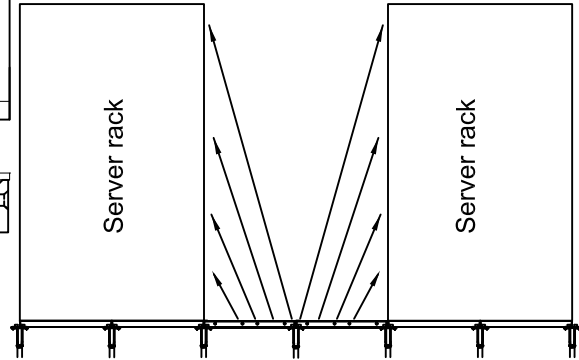
- 68% open area without damper.
- 60cm square welded steel construction.
- Concentrated load rating up to 8.0 kN
- Protected from corrosion by anti-static SparkLite white powder coat finish - 25,000 to 20,000,000,000 ohms when tested at 500 volts per NFPA 99
- Supports over 19kW per rack @ 25 Pa
- Panel height, corner to bottom of lip: 41mm
- Total panel height 55.55mm
- Panel weight: 22 kg
- Removable with portable lifting device
- Directional airflow for 93% capture index

UNDERSTRUCTURE OPTIONS

- Panel is designed with side bars to fit Kingspan Extra Heavy Duty stringer systems or equivalent. Side bars are available in a variety of heights to match adjacent solid panels. Minimum height is 41mm.

AIRFLOW CONTROL OPTIONS

- Multi-zone Pedestal Supported Drop In Opposed Blade Damper



Airflow Performance		50	150	250	350	450	550	650	750	850	950	1050	1150	Capture Index
ΔP Static Pressure (Pa)	No Damper	< 1.0	< 1.0	< 1.0	1.9	3.3	4.9	7.0	9.4	12.2	15.3	18.8	22.7	93%
	Opposed Blade Damper 100% Open	< 1.0	< 1.0	1.5	2.9	4.8	7.2	10.0	13.4	17.2	21.5	26.2	31.5	
	Opposed Blade Damper 0% Open	7.3	> 70	> 70	> 70	> 70	> 70	> 70	> 70	> 70	> 70	> 70	> 70	
Jet Velocity (m/s)		0.20	0.61	1.02	1.43	1.84	2.25	2.66	3.06	3.47	3.88	4.29	4.70	-

Load Performance Per EN 13264									
Airflow Panel	Understructure	System Weight (kg/m ²)	EN Class	Static Loads (kN)				Rolling Load (kN)	Impact Loads (kg)
				Concentrated Load (kN)	Safety Factor (kN)	4 Point Concentrated Load (kN)	4 Point Safety Factor (kN)		
KS-DIRECTAIRE ST	Extra Heavy Duty Stringer	63.5	Special	8.0	24.0	11.0	22.0	7.0	70.0

