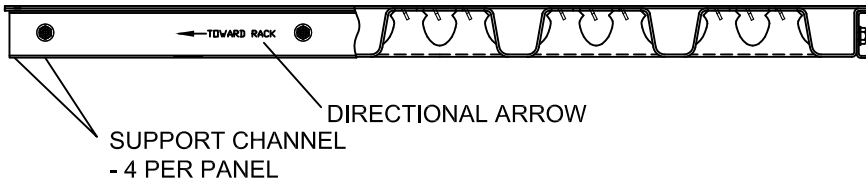
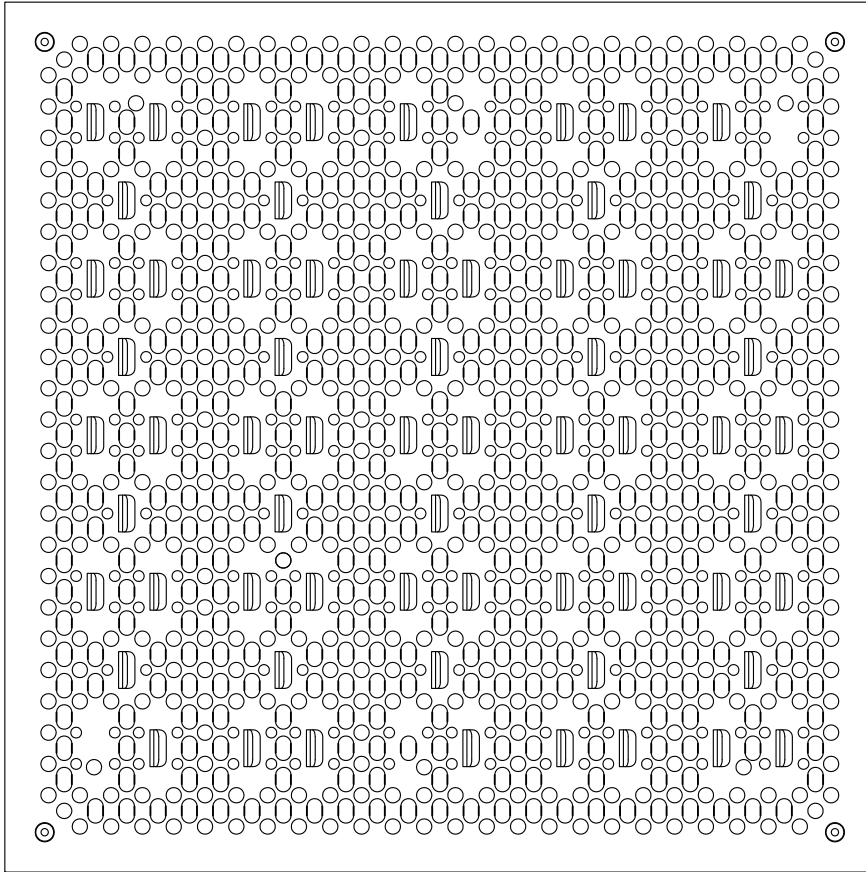


RACK  
FACE



## SPECIFICATIONS

### General information

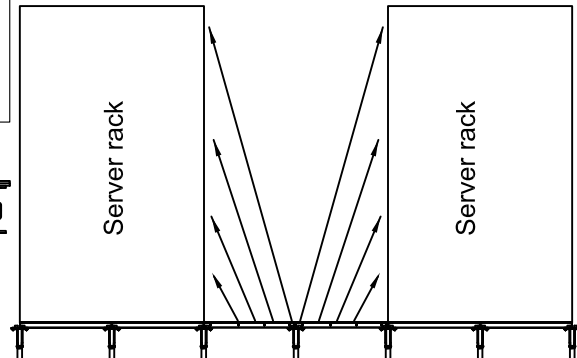
- 32% open area.
- 60cm square all steel construction.
- Concentrated load rating up to 3.0 kN
- Protected from corrosion by anti-static powder coat finish - 25,000 to 20,000,000 ohms when tested at 500 volts per NFPA 99
- Patented intermingled airflow vanes for directional airflow
- Class A flame spread rating.
- Non-combustible material.
- Directional airflow for 88% capture index
- Anti-static SparkLite White powder coat

## UNDERSTRUCTURE OPTIONS

- Panel is designed with side channels to fit Kingspan Freestanding systems or Heavy Duty bolted stringer systems or equivalent. Side channels are available in a variety of heights to match adjacent solid panels. Minimum height is 35.5mm.

## AIRFLOW CONTROL OPTIONS

- Multi-zone Opposed Blade Damper (field mounted)



Airflow Performance												
Total Volume (l/s)		50	100	150	200	250	300	350	400	450	500	Capture Index
$\Delta P$ Static Pressure (Pa)	No Damper	< 1.0	< 1.0	1.7	3.1	5.0	7.3	10.1	13.4	17.2	21.4	88%
	Opposed Blade Damper 100% Open	< 1.0	< 1.0	2.1	3.7	5.9	8.6	11.9	15.6	19.9	24.8	
	Opposed Blade Damper 0% Open	4.6	17.3	37.3	64.5	> 70	> 70	> 70	> 70	> 70	> 70	
Jet Velocity (m/s)		0.43	0.87	1.30	1.74	2.17	2.60	3.04	3.47	3.91	4.34	-

Load Performance Per EN 13264									
Airflow Panel	Understructure	System Weight (kg/m <sup>2</sup> )	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-DPERF 32%	Without Stringer	25.5	Medium	3.0	9.0	-	-	2.0	40.0
	With Stringer	30.5							

