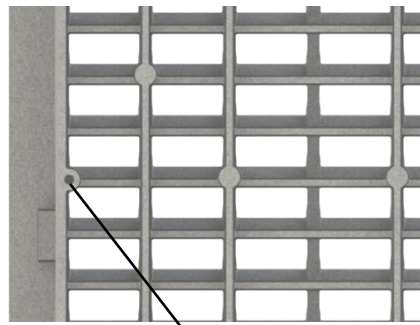


## SPECIFICATIONS

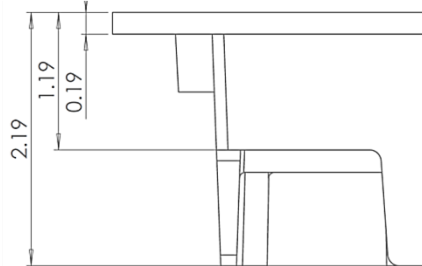
### General Information

- Lightweight Cast Aluminum Grate Design
- Interchangeable with ConCore and All-Steel Panels as well as other panel systems upon test and verification
- 60% Open Area without a damper
- Can Support over 22kW per Rack
- Panel Size: 24" Square
- Panel Height, corner to bottom of lip: 1.19"
- Total Panel height: 2.19"
- Panel weight: 24.6 lbs
- Removable by hand
- Directional Airflow for improved airflow capture
- Anti-static SparkLite White powder coat

DirectAire <sup>®</sup> Aluminum		
Static Pressure (in. wc)	CFM (w/o Damper)	kW
0.02	1123	8.1
0.04	1572	11.5
0.05	1751	13.0
0.06	1913	14.5
0.08	2200	16.5
0.1	2451	18.5
0.12	2678	19.6
0.14	2886	21.7
0.16	3079	22.7
0.18	3260	23.7
0.2	3430	24.6



Integrated mounting holes for OBD and Tate Airflow Control Devices



Panel Flange Heights

## UNDERSTRUCTURE OPTIONS

- 24" Bolted Stringer
- 48" Bolted Stringer

## INCLUDED COMPONENTS

- 24" DirectAire Aluminum

## AIRFLOW CONTROL OPTIONS

- SmartAire<sup>™</sup> MZ Automatic VAV Damper
- SmartAire<sup>™</sup> Automatic VAV Damper
- PowerAire and PowerAire Quad Fan Assist Device
- Single Zone Bolt-On Opposed Blade Damper
- Multi Zone Bolt-On Opposed Blade Damper

## FINISH

- Standard: Anti-static SparkLite White powder coat
- Contact Customer Service for special request

### DirectAire<sup>™</sup> Aluminum System Performance Criteria\*

Panel Type: DirectAire Aluminum	Under-Structure: Bolted Stringer	Static Loads				Rolling Loads			Airflow	
		System Weight	Design Loads	Safety Factor	Ultimate Load	10 Passes	10,000 Passes	Impact Loads	CFM (.10"H <sub>2</sub> O)	Total Air Capture
		8.6 lbs/ft <sup>2</sup>	2000 lbs	Min > 2	> 4000 lbs	2000 lbs	1500 lbs	200 lbs	2451	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.