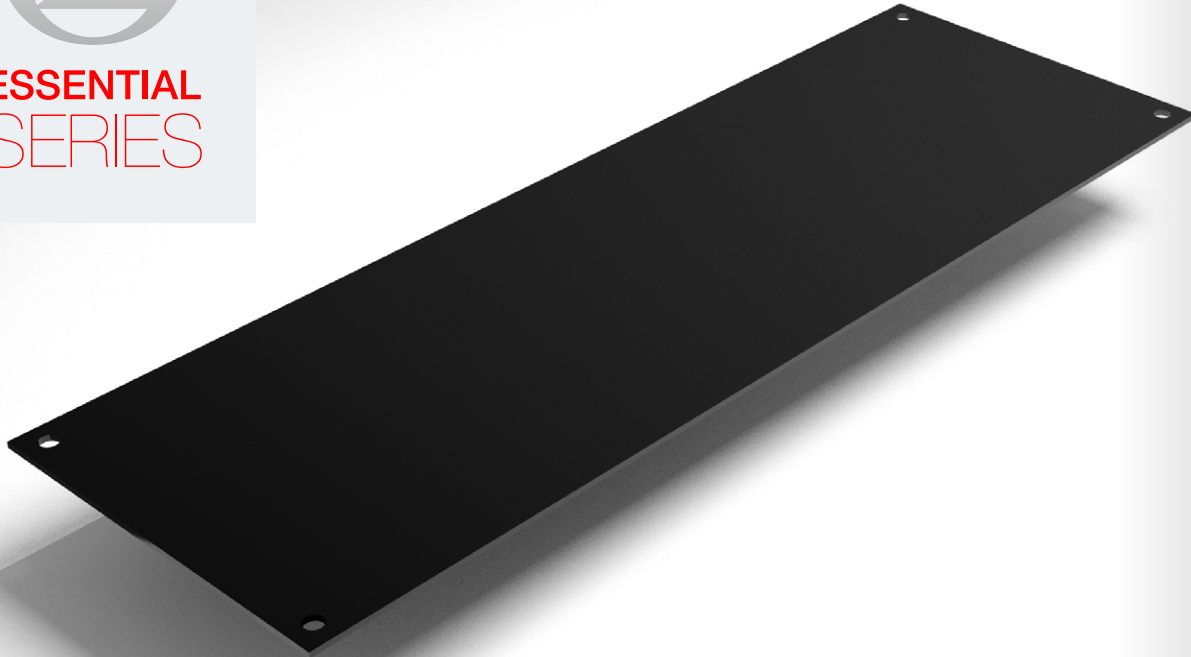




ESSENTIAL  
SERIES



SUBZERO  
ENGINEERING



# VELOCITY ADJUSTOR

Airflow Management

## The Most Efficient Way to Balance Subfloor Air Pressure in Data Centers

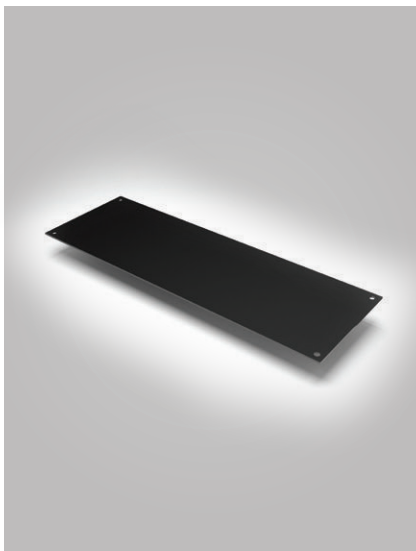
The Velocity Adjustor is designed to lower velocity at the AC discharge to eliminate sub floor vortices that are formed when two high velocity currents of air converge. Slowing the air increases pressure, and this in turn creates a consistent supply of air to any part of the data center. The supply airflow through the sub floor plenum is the foundation of any cooling program. Inconsistent supply, due to high velocity airflow from CRAC units, prevents cooling air from getting to the computer intake, especially at the top of the rack. A balanced supply volume is essential in order to match the kW load in each cabinet.

### KEY FEATURES

- Stock Sizes
- Custom Sizes
- Easy Installation
- Fire Rated
- Versatile & Flexible
- No Tools Required
- Will Not Shrink or Stretch
- Minimal Smoke Emission
- Will Not Ignite
- Will Not Melt
- Will Not Drip
- Will Not Rot



## ESSENTIAL SERIES



# VELOCITY ADJUSTOR

Product Specifications + Drawings

### Outside Cover

#### Physical Properties

Property	Material	Result
Thread Count	Lbs/in	Warp: 54 Fill: 48
Tensile Strength	Lbs/in	Warp: 180 Fill: 175
Thickness	Mils	5-6
Afterglow Time	Seconds	Warp: 1-5 Fill: 1.5
Char Length	Inches	Warp: .70 Fill: 1.5
Afterflame	Seconds	Warp: 1.0 Fill: 1.0
Tearing Strength	Lbs	Warp: 8.0 Fill: 7.5

### Standard Sizes

6" x 24" [152.4mm x 609.6mm]  
12" x 24" [304.8mm x 609.6mm]  
18" x 24" [457.2mm x 609.6mm]  
24" x 24" [609.6mm x 609.6mm]  
24" x 32" [609.6mm x 812.8mm]

### Flammability

#### Designed to meet:

NFPA 258  
NFPA 701 (UL-214) Small Scale

**CONTACT US**  
for more information



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