



Ventix DRS™

Trailer Drag Reduction System



WABASH VENTIXDRS™

Introducing a revolutionary new concept in trailer aerodynamic performance, the Ventix DRS (Drag Reduction System). Through its unique segmented system design, the Ventix DRS manages air flow across the entire underbody of the trailer to eliminate drag and maximize aerodynamic performance. Each of the system's aero panels are engineered and mounted to manage air flow under and around the trailer to reduce turbulence that creates drag. The aero panels are constructed of lightweight, high-strength composite material, mounted to the trailer with a flexible spring-bracket system, to resist damage and minimize maintenance.

Side Skirts Were Just the Beginning

Trailer side skirts are a proven solution for improving fuel economy, but greater improvements can be made by addressing drag at the front and rear of the trailer. Although effective, some side skirts create additional drag issues by trapping air under the trailer in front of the running gear. With the Ventix DRS, airflow is directed away from the running gear and streamlined across the entire length of the trailer, providing 50% more fuel savings than trailer side skirts.

Delivering Over 10% in Fuel Savings

At Wabash National, we're working to drive fuel economy improvement to new levels. When the Ventix DRS is used with our AeroFin™ tail device, the combination is verified as an EPA SmartWay Elite aerodynamic device combination, providing 9% or greater fuel savings. If low rolling resistance tires are added, the cumulative fuel economy improvement exceeds 10%. The result, a greater reduction in vehicle fuel consumption and lower operating costs for your fleet.

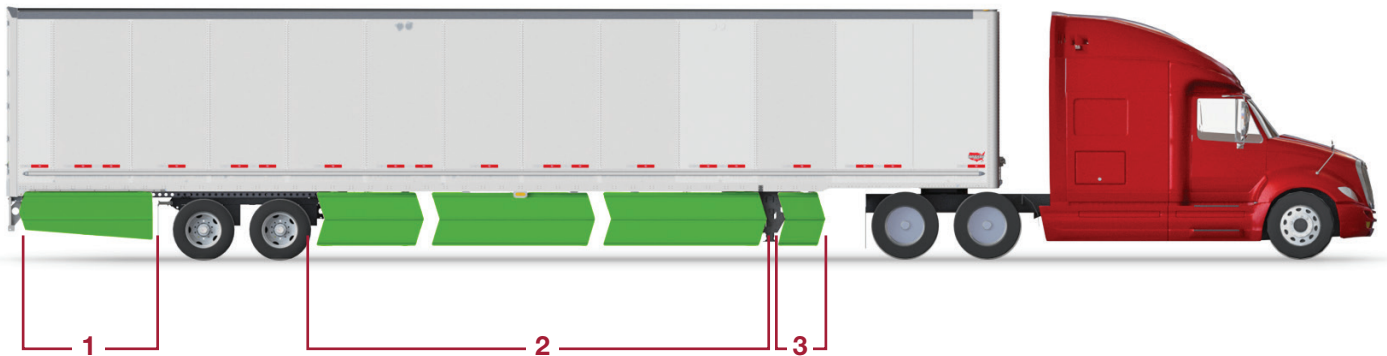


It's All About Air Management

The Ventix DRS consists of multiple individual aero panels, each engineered and installed to direct air under and around the trailer to eliminate or minimize most of the trailer's existing drag points. The segmented, system design streamlines airflow from front to back and prevents air from being trapped under the trailer. When used with the AeroFin or other tail device, airflow can be managed even more effectively to maximize fuel economy benefits.

Features and Benefits

- Provides 50% greater fuel savings compared to trailer side skirts (based on SAE J1252 Wind Tunnel Test comparisons)
- EPA SmartWay verified and CARB compliant as a stand-alone device
- Provides over 9% fuel economy improvement when used with AeroFin
- EPA SmartWay Elite verified aerodynamic device combination
- Height: 34.5"
- Ground clearance: 8.5"
- Weight: 345 lbs (172-1/2 lbs per side)
- Color: White (custom colors available)
- Panel material: Glass reinforced thermoplastic composite



1. Rear Trailer

Aft aero panels direct air over and around the rear impact guard, and reduce turbulence behind the running gear

2. Center Trailer

The three aero panels on each side of the center trailer produce a similar result as side skirts, but eliminate drag in front of the running gear by directing air around it

3. Landing Gear Area

Forward aero panels reduce turbulence created by the tractor and minimize air flow under the trailer without interfering with landing gear operation

ORDERING INFORMATION

Call: 866-877-5062

Base specifications are accurate at the time of publication, and are subject to change without notice. Custom options are available; please consult your Wabash National representative for additional information. ©2015 Wabash National L.P. All rights reserved. DuraPlate® AeroSkirt®, DuraPlate®, Wabash® and Wabash National® are marks owned by Wabash National, LP.

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