PROVEN FUEL SAVINGS MILE AFTER MILE

RIDGE

GREENWING®

RIDGECORP.COM

GREEN WING® IS INCREDIBLY DURABLE. SHOWN HERE IN THE RIDGE TEST LAB, BENDING 180° WITH 100% RECOVERY. NOTHING ON THE MARKET IS MORE DURABLE THAN GREEN WING®.

NOTHING.

THE INDUSTRY STANDARD –

GREEN WING® GENERATION 2

GREEN WING® – aerodynamic fairings are designed to provide the highest fuel economy at the lowest cost per mile. Ridge aerodynamic designers have been the first to innovate and commercialize the industry's leading practical devices. Ridge aerodynamic products uphold our commitment to durability, reliability, cost effectiveness and simplicity of design – which make up the cornerstone of all our successful products.

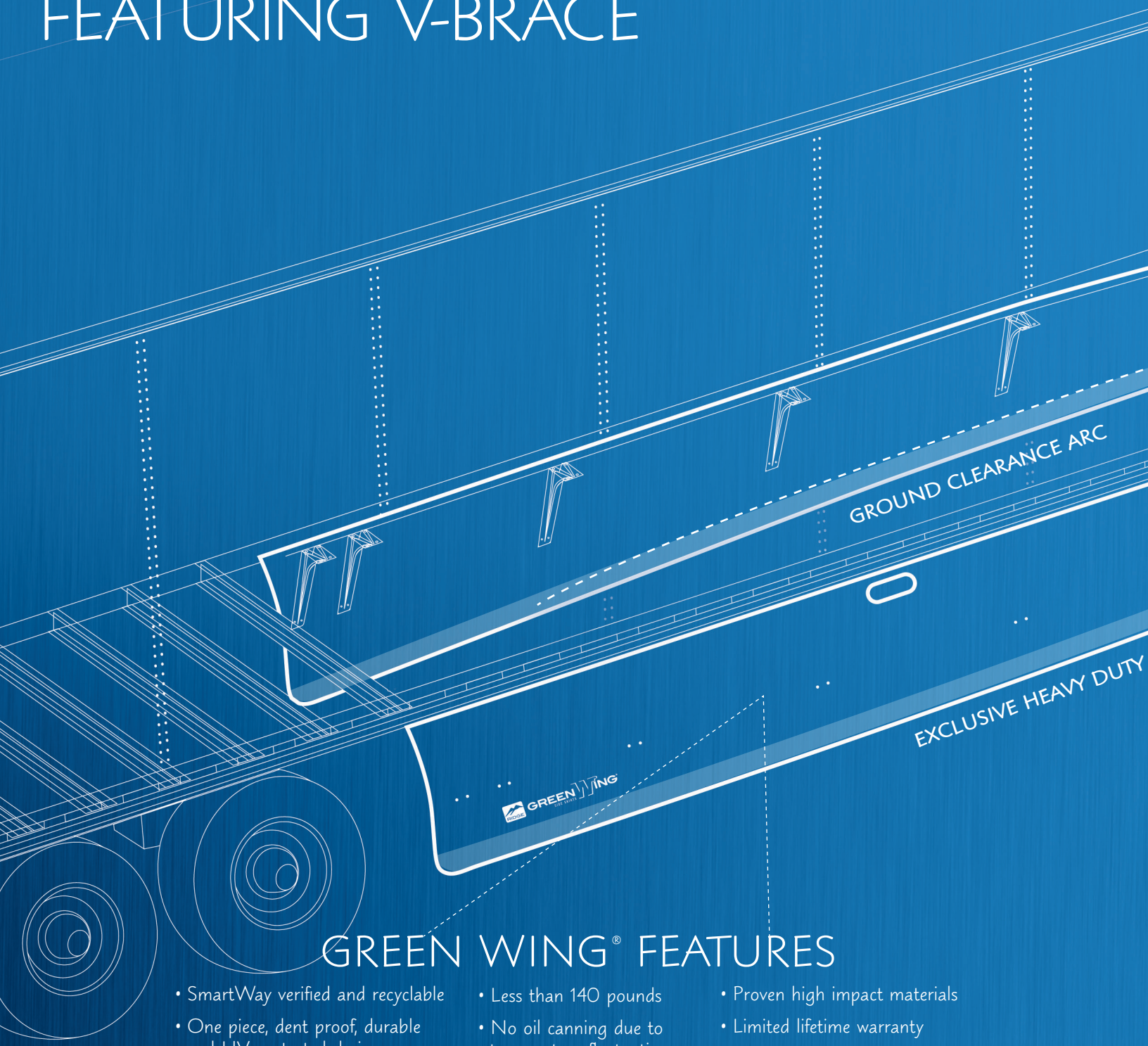
The Ridge Green Wing® has its roots in a scientific approach to fuel economy as conceptually designed at the Automotive Research Center (ARC) on their Rolling Road Wind Tunnel (RRWT – see picture above). The ARC's RRWT is used by racing teams, on-highway truck OE's, and automotive designers to acquire consistent, proven and repeatable data. This repeatable fuel savings data was track tested not once but four times. Achieving between 5.2 and 7.18% fuel savings lists Green Wing® as an advanced fuel savings device on EPA's Smartway website. The J1321 track testing for EPA conducted at FP Innovations produced a result predicted in the RRWT and is being verified as real-world numbers by fleet users. What was conceived in the wind tunnel has been corroborated both on the track and in actual use.

Ridge continues to invest significant capital in research that delivers immediate fuel savings and a valuable ROI for our customers. We are coupling these savings with our dedication to continuous product improvement. Green Wing® is constructed of proven industry materials yielding a lightweight (UNDER 140 POUNDS) design that is easy to install and maintain. As a result, Green Wing® is an excellent value for our customers that not only offers help towards SmartWay compliance, but provides the savings that our customers are seeking in this competitive market.

For more information on Green Wing® and other Ridge innovations, visit ridgecorp.com.

RIDGE CORPORATION

NEW GREEN WING® DESIGN
FEATURING V-BRACE



GREEN WING® FEATURES

- SmartWay verified and recyclable
- One piece, dent proof, durable and UV protected design
- Easy installation
- Less than 140 pounds
- No oil canning due to temperature fluctuations
- Best value = shortest ROI
- Multiple colors available
- Proven high impact materials
- Limited lifetime warranty
- Patent(s): U.S. 7,887,120; U.S. 7,748,772; U.S. 7,942,467; U.S. 7,942,468; U.S. 7,942,469; U.S. 7,938,475; U.S. 7,942,470; U.S. 7,942,471 and U.S. 8,292,351

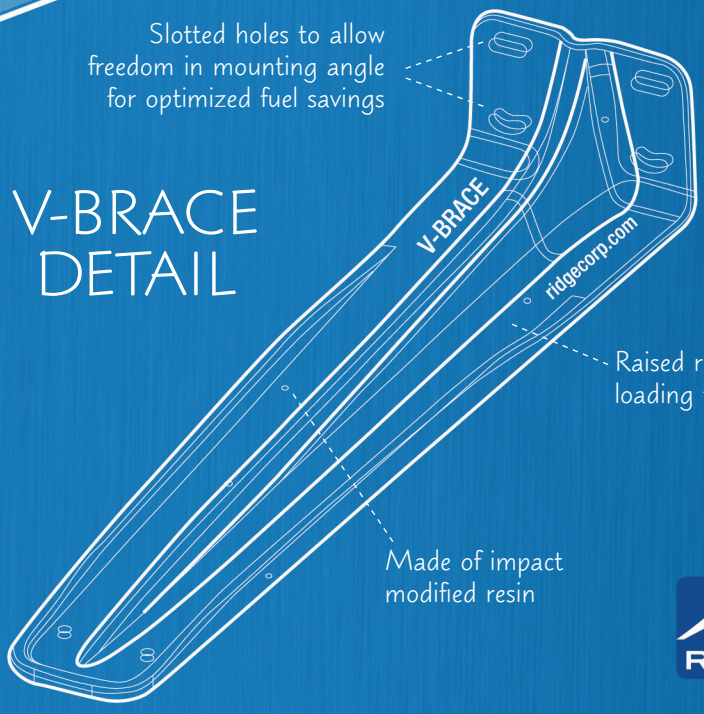
Model #RAC0012

The GREEN WING® trailer skirt features our **exclusive heavy-duty hem**, which improves impact protection and reduces the fairing's weight by more than 10%.

UTY HEM

Slotted holes to allow freedom in mounting angle for optimized fuel savings

V-BRACE DETAIL



Raised rib transmits loading forces

Made of impact modified resin

RIDGE

GREEN WING®

RIDGECORP.COM

Ridge Corporation is proud to offer products that are 100% recyclable.

AERODYNAMIC DEVICE

ROI CALCULATOR

Want to see how Green Wing® will affect your bottom line?

1. Visit the interactive calculator at **greenwingisbetter.com.**
2. Plug in your own numbers and see how much money you could save with Green Wing®.
3. After seeing the savings for yourself, call us for details.

Below is an example of the online interactive calculator developed by ARC to help determine your fuel savings.

(1) Each truck travels approximately ..... 100,000 miles per year
(2) Current fuel economy is approximately..... 6.8 miles per gallon
(3) Current national average fuel cost.....$3.84 per gallon
(4) Number of gallons of fuel used per year per truck.....14,706
(5) Total cost of fuel per year per truck pulling a trailer $56,470.59
(6) Trailer to truck ratio .....1.8 to 1

TRAILER CALCULATOR

As an example: Installing a trailer skirt manufactured by Brand "X" on a 53' dry van with the bogey in the Cal position pulled by a SmartWay configured tractor with full sleeper-cab extenders, fuel tank skirts and a trailer to truck cab extenders gap of 32" can save:

	Percent of total miles traveled at the specific speed		The specific speed	The amount of fuel used at each specific speed		The percentage of fuel saving at each specific speed using the above listed device		The amount of money saved per year using the aero device at each specified speed
(7) If	**0.0%**	of the miles traveled are at a road speed of	70 mph	$0.00	(13)	**5.86%**	(19)	$0.00
(8) If	**10.0%**	of the miles traveled are at a road speed of	65 mph	$5,647.06	(14)	**5.16%**	(20)	$291.39
(9) If	**35.0%**	of the miles traveled are at a road speed of	60 mph	$19,764.71	(15)	**4.63%**	(21)	$915.11
(10) If	**30.0%**	of the miles traveled are at a road speed of	55 mph	$16,941.18	(16)	**4.19%**	(22)	$709.84
(11) If	**15.0%**	of the miles traveled are at a road speed of	50 mph	$8,470.59	(17)	**3.62%**	(23)	$306.64
(12) If	**10.0%**	of the miles traveled are at a road speed of	40 mph	$5,647.06	(18)	**2.88%**	(24)	$162.64
	100%			$56,470.59			(25)	$2,385.60
Annual savings **per** year **per** trailer using this aerodynamic option less maintenance (26)								**$1,325.33**

Information provided by the Automotive Research Center.

RIDGE CORPORATION

1201 Etna Parkway | Pataskala, OH 43062 | Office: 614.421.7434 | Fax: 614.294.7434 | ridgecorp.com