



POC-Road Speed Fan



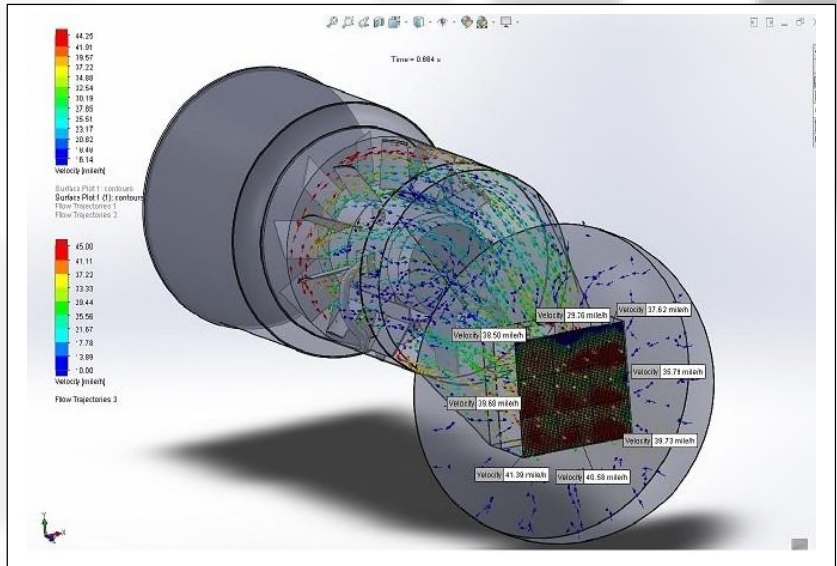
Get the best Combination of PERFORMANCE, DRIVEABILITY and FUEL ECONOMY from YOUR APPLICATION!

Prime ONE Contracting (POC) developed a road speed fan (RSF) that modulates the air velocity with the road speed simulated by the dynamometer. The air flow across the vehicle as if the vehicle is being driven on the road.

With the Prime ONE Road Speed Fan you can optimize your application in real-world aerodynamic conditions to be reliable, Repeatable and Accurate – all on your Chassis Dynamometer in a controlled test cell. With our tuned, calibrated Road Speed Fan, you can quickly and easily test and quantify how vehicle developments will respond in the real-world environment.

Performing development work with this system yields measurable gains that are felt at the customer level and verifiable at the *regulatory level.

- More Power
- Better drivability
- More fuel economy
- Compact size fits in the typical chassis dynamometer cell
- Easy integration with all chassis dynamometers
- Engineered to be moved from cell to cell and setup in less than four minutes
- Velocity distribution per E/ECE/Trans/505-R83
- Easy adaptation to a vehicle with motorized height adjustment and pre-sets
- Built-in E-Stop



POC uses the latest technology/software to verify the performance of every VRSF we build. POC builds all our fans at our facility in Michigan.

*In 2013 the US EPA purchased the Prime ONE Road Speed Fan for use in their NVFEL facility located in Ann Arbor, MI, making the Prime ONE technology the approved industry standard.

SPECIFICATIONS	
Flow Area:	31.5" wide, 24" tall
Floor to bottom of duct:	4" to 20" adjustable, motorized, pre-sets
Flow velocity:	>80 MPH
Blade RPM:	1800
Voltage:	480V
L x W x H:	88.5" x 78.7" x 71.7
Weight:	4000 lbs

Improving the Environment through Technology



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