

Air/Fuel Separation Systems Just Got A Whole Lot Better!

PureFlow's® new PF200 Diesel System provides the most effective and most reliable fuel delivery system ever for your Class 8 truck engine. Removing air/vapor from your fuel and eliminating cavitation at the transfer pump allows peak engine performance, fuel economy and power.



New, improved features include:

- A larger *Heavy Duty* fuel pump to increase fuel flow for the newer engines
- A custom-designed, water resistant motor for improved motor life
- A heavy duty relay controlled wiring harness
- A unified pump assembly for ease of replacement
- An internal bypass feature allowing the driver to continue to operate the rig even if the unit fails

Add value to your next haul:

- Increase fuel economy
- Increase torque output
- Extend filter life
- Enjoy a quieter engine
- Improve throttle response
- Virtually eliminate black smoke and reduce emissions
- Optimize engine performance

Contact Us About Dealer Opportunities

877-GoDiesel
877-(463-4373)

www.pureflowtechnologies.com



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Air/Vapor in Diesel Fuel—The Untold Story

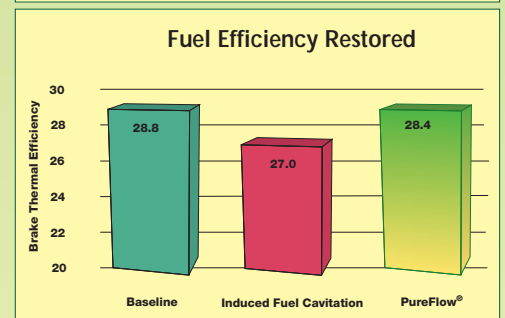
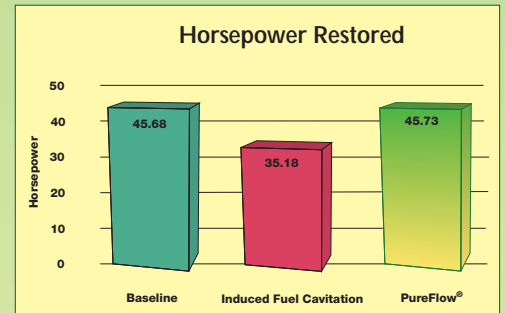
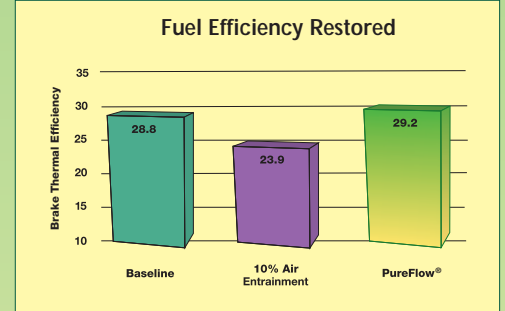
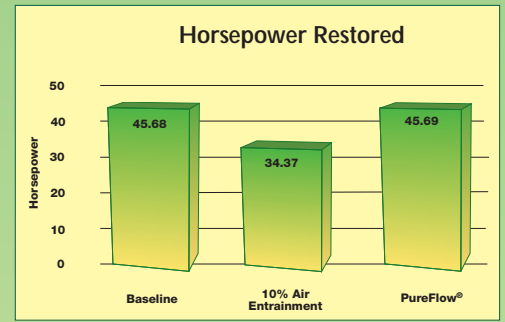
Engineers have long identified entrained air as a major contaminant in diesel fuel. The amount of air/vapor in fuel increases because of fuel tank sloshing. Standard fuel filters do nothing to remove the air.

How Exactly Does Entrained Air in the Fuel Impact Engine Performance?

Air/vapor is compressible. Its presence in fuel injectors delays the pressure buildup and the injection. The more air/vapor present in fuel, the more retarded the injection timing. Retarded injection timing causes rough idle, lost torque (especially at higher rpm's), higher fuel consumption and increased exhaust emissions. Patented PureFlow[®] technology eliminates the problem of air in diesel fuel.

Patented PureFlow[®] technology overcomes the deficiencies of the traditional "vacuum-feed" fuel filtration system to:

- Eliminate virtually all entrained air from the fuel flow to the engine.
- Deliver fuel at a consistent, positive pressure flow to meet the needs of the transfer pump at all times under virtually any operating condition.
- Eliminate the adverse effects of fuel cavitation.
- Restore injection timing to manufacturer-designed specifications in real world operating conditions.



Fuel Savings Based on Annual Consumption (\$2.50 / Gallon)					
Total Annual Fuel Consumed	20,000 Gallons	100,000 Gallons	500,000 Gallons	1,000,000 Gallons	1,500,000 Gallons
Total Fuel Cost	\$50,000	\$250,000	\$1,250,000	\$2,500,000	\$3,750,000
Annual Fuel Savings					
3.0%	\$1,500	\$ 7,500	\$37,500	\$ 75,000	\$112,500
4.0%	\$2,000	\$10,000	\$50,000	\$100,000	\$150,000
5.0%	\$2,500	\$12,500	\$62,500	\$125,000	\$187,500
6.0%	\$3,000	\$15,000	\$75,000	\$150,000	\$225,000
7.0%	\$3,500	\$17,500	\$87,500	\$175,000	\$262,500
8.0%	\$4,000	\$20,000	\$100,000	\$200,000	\$300,000

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