

Approved for Sale
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California by
CARB



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UNLEASH THE POWER

(UNLEASH THE BEAST with the Demand Flow DF-180/240ADJ)

NEW LIMITED EDITION



Color Coordinated to Match Your Truck
Available in: Blue, Black, and Red!

- Most Compact System Available for the Pickup Truck. Only 7" L x 3.2" W x 10" H
- For Stock and Modified Engines!
- High Efficiency, Long Life Gearotor Pump
- Includes Complete Installation Kit
- 2 Micron AirDog® Fuel Filters Available Stratapore® Inside
- Relay Controlled Wiring Harness
- Low Fuel Pressure Warning Light Available
- Includes Wire Screen Water Separator
- **Lifetime Warranty** on the AirDog®100, 150 and DF-165ADJ
- 6 Year Warranty on the DF-180/240ADJ

**Stratapore is a registered trademark of the Fleetguard Corporation.*

Reliability and Performance! Two Powerful reasons to add an AirDog® to your diesel pickup! The AirDog® provides the proper pressure/flow of your fuel to your diesel engine under virtually all operating conditions for PEAK EFFICIENCY with CONSISTENT and MAXIMUM POWER OUTPUT!

The compact AirDog® provides the most effective technology designed specifically for diesel pickups to remove water, particulates, vapor and entrained air from diesel fuel. The AirDog® replaces the Cummins factory lift pump and filter system, and enhances the fuel delivery to the PowerStroke and DuraMax with a commercial duty system.

Your High Performance diesel engine demands higher fuel flows. Yet, higher fuel flows increase the vacuum at the fuel pump and agitation in the fuel tank. These factors generate additional air/vapor in the fuel system preventing your engine from producing maximum power and efficiency. Additionally, air/vapor can cause galling and pitting of the injector barrel/plunge assembly and tip erosion.

The AirDog® eliminates the air in the fuel that robs the engine of consistently greater performance and that can cause permanent damage to your injectors. The AirDog® also provides the fuel pressures and flows your diesel engine needs to produce maximum power, anytime, every time.

Contact us about a dealer near you!

ORIGINAL AIRDOG®

AirDog® 100-150

Shown with optional
Indicator Light Kit



WWW.PUREFLOWTECHNOLOGIES.COM

1412 Creek Trail Drive
Jefferson City, MO 65109

ISO 8178 – 8 MODE TEST
Performance Verified

877-GoDiesel
877- 463-4373



For serious performance seekers, whether you run a Cummins Turbo Diesel, DuraMax, or PowerStroke

On the daily grind or for weekend pleasure, the AirDog® has something to offer you!

The physics behind AirDog® technology:

Diesel fuel contains varying degrees of entrained air in the form of foam on the surface or suspended in the bulk fluid as tiny bubbles. Additionally, fuel is driven into the fuel pump by atmospheric pressure, which is usually only enough pressure flow to fill the pump at idle speeds. Consequently, at higher operating RPM's, the stock pump cavitates producing vapor. Air and vapor are compressible. The presence of air/vapor in the fuel injector delays the pressure build up.

This delays the injection, resulting in Retarded Injection Timing. Retarded Injection Timing in a diesel, just like bad spark plugs in a gasoline engine, causes lost power, poor fuel mileage, and an increase in exhaust emissions. Retarded Injection Timing caused by air/vapor is the primary source of the rough idle, lost power, increased fuel consumption and excessive exhaust emissions of the diesel engine.

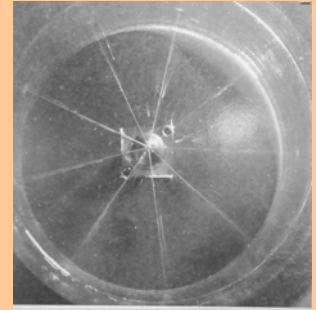
Air/vapor in the injector can also cause galling and pitting of the barrel/plunger assembly and tip erosion.

The conventional vacuum feed fuel supply system does nothing to remove entrained air from the fuel. In fact, it only makes things worse. As the filter plugs with the use or when the diesel is used at higher altitudes, the already inadequate fuel flow to the engine is further reduced, increasing cavitation and retarding injection timing even more.

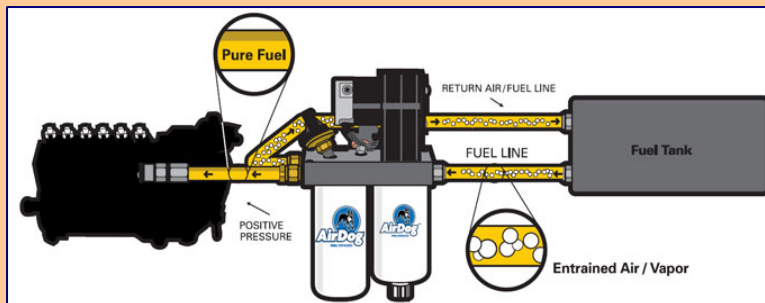


Injector spray pattern without FUEL PREPARATOR

The AirDog® overcomes the inadequacies of the conventional vacuum feed system. Removing the entrained air and preventing vapor from cavitation restores injection timing and engine performance to ensure maximum power output and peak efficiency at all times! Fuel Preparator® is approved for sale and use in California by CARB!



Injector spray pattern with FUEL PREPARATOR



1412 CREEK TRAIL DRIVE
JEFFERSON CITY, MO 65109

877-GoDiesel
877- 463-4373

CANADIAN PATENT
2,108,391

US PATENTS
5,355,860; 5,746,184; 6,729,310

PROTECTED BY

AUSTRALIAN PATENT
2005101054

NEW ZEALAND PATENT
532356

Additional Foreign Patents Pending in Europe, South America, Mexico, Japan, and China!