**APPLICATIONS**

- Any on-highway diesel engine with flow rates up to 180 gph

**ELIMINATE UNNECESSARY CHANGES & MAINTENANCE**

- All-in-one fuel filter, water separator, and fuel pre-heater for heavy duty on-highway applications
- Clear cover provides instant visual indication of filter life
- “SEEING IS BELIEVING”® See when NOT to change the filter
- Extended filter change intervals
- Enhanced fuel system troubleshooting procedures
- Biodiesel compatible to B20

**FILTER ELEMENT**

Patented design for extended life and maximum filtration performance

**SELF-PRIMING PORT**

Remove the cap, pour in fuel and restart the engine with clean “filtered” fuel

**CLEAR COVER**

See when NOT to change the filter

**LOW-RESTRICTION CHECK VALVE**

Eliminates drainback

**COLD WEATHER OPTIONS**

- 12VDC Pre-heater — Uses ignition switch to heat up fuel prior to running the engine
- 120VAC Overnight heater — Prevents gelling while parked overnight
- Coolant heat — Keeps fuel heated while operating on highway

**LIGHTWEIGHT ALUMINUM CONSTRUCTION**

**MODELS & OPTIONS**

- Base Model - Unheated
- Coolant Heat/Return Fuel Heat
- Electric Heat
  - 12VDC or 24VDC Pre-heater
  - 120VAC Overnight heater
- Water-In-Fuel (WIF) sensor

**COOLANT/RETURN FUEL HEAT**

**120 VAC OVERNIGHT HEATER**

**12 VDC PRE-HEATER**

**DRAIN VALVE**

**F5118 REV W**

DAVCO Technology, LLC
1600 Woodland Drive, Saline, MI  48176-11629
800-328-2611
www.davco.com
When new, the fuel level in the filter will be very low with minimal restriction. As the filter is used, contaminants collect on the filter from the bottom up. Fuel rises on the filter indicating remaining filter life.

Fuel level increases in clear cover. As contaminants collect on the filter, the fuel rises to a non-contaminated section of the filter, providing optimal filtration while maintaining lowest restriction.

Fuel level at filter wrap level. Even though the fuel level is now more than half of the filter element, the fuel is still flowing through clean media at minimal restriction levels. The filter still has significant life remaining.

The filter element is now completely covered by fuel. At this point, all of the media’s surface area is utilized. Restriction is increasing and the filter element should be changed at the next scheduled maintenance interval.

TYPICAL INSTALLATION

FUEL TO ENGINE

FUEL FROM FUEL TANK

FUEL PRO 382

ENGINE

INJECTION PUMP

FUEL TO FUEL TANK

FUEL TANK

UNIVERSAL APPLICATIONS

Use Fuel Pro 382 with heavy duty diesel engines that have a maximum fuel flow up to 180 gallons per hour.

HOW IT WORKS

• Fuel from the tank enters the Fuel Processor body.
• Large contaminants and “free” water are separated and remain in the body.
• Fuel rises into the clear cover area.
• Contaminants and emulsified water are captured by the filter media.
• Fuel level rises to maintain a fuel path through clean filter media (path of least resistance).
• Clean, water free, fuel exits the Fuel Processor to the engine fuel injection system.

OPTIONS AVAILABLE

• 12VDC Pre-heater
• 120VAC Overnight heater
• Coolant/Return Fuel Heat
• Water-In-Fuel (WIF) Sensor
• 7-10-25-50 micron filter

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