All-in-one fuel filter, water separator, and fuel heater for medium duty applications

- Clear cover provides instant visual indication of filter life
- "SEEING IS BELIEVING™" See when NOT to change the filter
- Extended filter change intervals with patented EleMax® Technology
- Enhanced fuel system troubleshooting procedures
- Environmentally friendly filter changes
- Biodiesel compatible to B20

5 MINUTE FILTER CHANGES
- Environmentally friendly, dry filter changes – Drain fuel below collar and replace
- No fuel spills – Removing standard filters full of fuel can be messy and hazardous
- Check valve eliminates drain back during filter changes
- High flow drain
- Simple priming for easier starts
- Easy removal collar - Use DAVCO wrench or common tool

OPTIONS
- Electric Heaters: 12VDC, 24VDC Pre-heater or 120VAC Overnight Heater
- Water-In-Fuel (WIF) Sensor

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

EASY REMOVAL COLLAR

CHECK VALVE
Eliminates drain back

FUEL IN/OUT PORTS
Both sides of body for improved fuel hose routing

LIGHTWEIGHT ALUMINUM CONSTRUCTION

DRAIN VALVE

ENGINE MODELS
- Cummins ISB and ISL
- Detroit DD5 and DD8

APPLICATIONS
- Meets/Exceeds engine manufacturers’ stringent water separation requirements

ELIMINATE UNNECESSARY CHANGES & MAINTENANCE
- All-in-one fuel filter, water separator, and fuel heater for medium duty applications
“SEEING IS BELIEVING”®

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.

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.

TYPICAL INSTALLATION

FILTER TECHNOLOGY

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