

# 384 BIODIESEL

SEEING IS BELIEVING®

## APPLICATIONS

- Any diesel engine with flow rates up to 180 gph
- Class 7 & 8 Trucks
- Municipal, non-Combat Military and DOT Equipment

## ELIMINATE UNNECESSARY CHANGES & MAINTENANCE

- Easy to Install - All-in-one fuel filter, water separator, and fuel separator that uses common fitting and connectors
- Best-in-Class Filtration - Patented StrataPore™ filter media maintains water separation capability over the life of the filter
- Low Restriction - Larger inlet and outlet ports for better fuel flow
- See when NOT to change your filter
- Extend filter change intervals
- Large Drain - Allows easy removal of contaminants and water

## 5 MINUTE FILTER CHANGES

- No fuel spills - Fuel is drained below the collar before removal
- Back-up emergency provision - also accepts standard secondary spin-on filters in an emergency

## MODELS & OPTIONS

- Base Model - Standard 90° F preheater
- Optional Heaters
  - 12 VDC & 24VDC 250 W 60° F preheater
  - 12 VDC & 24VDC 250 W 120° F preheater\*
  - 120 VAC 75 W heater
  - Constant flow fluid heater\*

### FILTER ELEMENT

Quick change for easy disposal

### SELF-PRIMING PORT

Just spin off the cap, pour in fuel and restart engine with clean 'filtered' fuel

### CLEAR COVER

See when NOT to change filter

### CHECK VALVE

Eliminates drainback

### ALUMINUM CONSTRUCTION

Lightweight and corrosion resistant

### DRAIN VALVE

With easy access

## FUEL CRITERIA

- Recommended for blends above B20
- Fuel must meet ASTM D6751 standards



## SEEING IS BELIEVING



When new, the fuel level in the filter will be very low. The filter is causing 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 remains low. As contaminants collect on the filter, the fuel rises to a non-contaminated section of the filter, maintaining optimal filtration and low restriction.

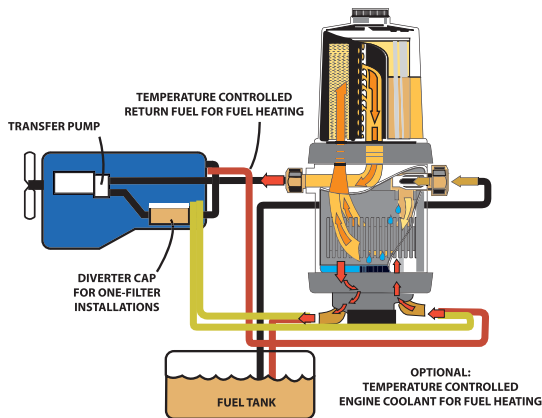


Restriction remains consistently low. Even though the fuel level is now over more than half of the element, the fuel is still flowing through clean new media at minimal restriction levels.



The filter element is now covered by fuel utilizing all of the media's surface area. Restriction is just starting to rise and the element should be changed at the next scheduled maintenance interval.

## TYPICAL INSTALLATION



## 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.

## PART NUMBERS TO ORDER

Part Number	Description
384030AMB	384, w/ 90° F Fluid Heater
384032AMB	384, w/ 90° F Fluid Heater 12VDC 60° F Preheater

## UNIVERSAL APPLICATIONS

Use the 384 Biodiesel on heavy duty engines with minimum restriction for maximum fuel flows up to 180 gallons per hour.

## NOTICE REGARDING BIODIESEL

- Consult your engine manufacturer for information regarding their position on allowable biodiesel blends.
- Use of this product for biodiesel blends exceeding B20 or 100% vegetable oil may not meet emulsified water separation and cold weather operation requirements.