

FUEL PRO[®] 498

PRODUCT DATA SHEET

The **FUEL PRO 498[®]** is an all-in-one fuel filter, water separator, and fuel pre-heater for heavy duty on-highway diesel engines with flow rates up to 180 gallons per hour.

The Fuel Pro 498[®] with an optional pre-heater, overnight heater, and water-in-fuel sensor will keep the engine running in any weather conditions.

DAVCO's Seeing is Believing[®] clear cover provides enhanced fuel system troubleshooting and allows you to easily see when to change the fuel filter, reducing unused filter media.

Three layer filter design, with filtration to 15 microns, provides enhanced water separation capabilities for ultra-low sulfur diesel fuel with low interfacial tension.

Applications

- On-highway heavy duty diesel engines
- Flowrates up to 180 GPH

Options

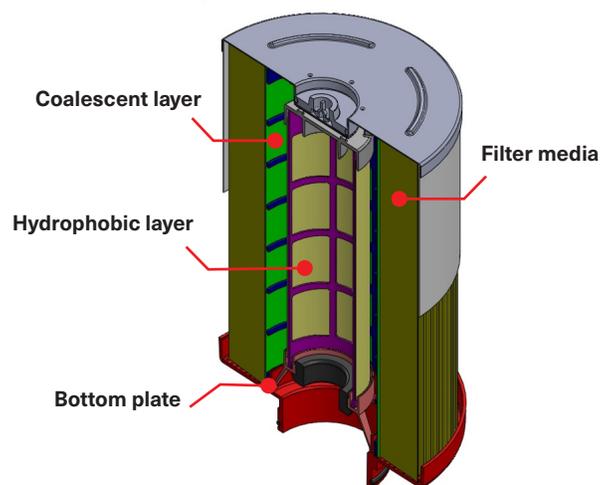
- Base model, coolant heated with thermostatic valve
- Electric heat options
 - 12VDC/24VDC Pre-heater
 - 120VAC Overnight heater
- Water-In-Fuel (WIF) sensor

Benefits

- Seeing is Believing[®] - see when NOT to change your filter
- Protects diesel engines from contaminants
- Reduces maintenance and downtime
- Visual troubleshooting
- Environmentally friendly filter change
- Simple filter priming for easier starts
- Biodiesel up to B20 compatible



Filter Technology



A Clariance Technologies Company

www.davco.com

800-328-2611

customerservice@davco.com

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FUEL PRO® 498

Specifications

Height, Overall, Unheated Model	14.16 in. (359.6 mm)
Depth, Overall	10.02 in. (254.4 mm)
Width, Maximum	10.85 in. (275.6 mm)
Weight, Dry	Approx. 15 lbs
Minimum Service Height	4 in. (101.6 mm)
Max Fuel Flow	180 gph
Pre-heater	12VDC (150W) 24VDC (135W)
Overnight heater	120VAC, 95W, .625A

Filtration Performance (15 micron)

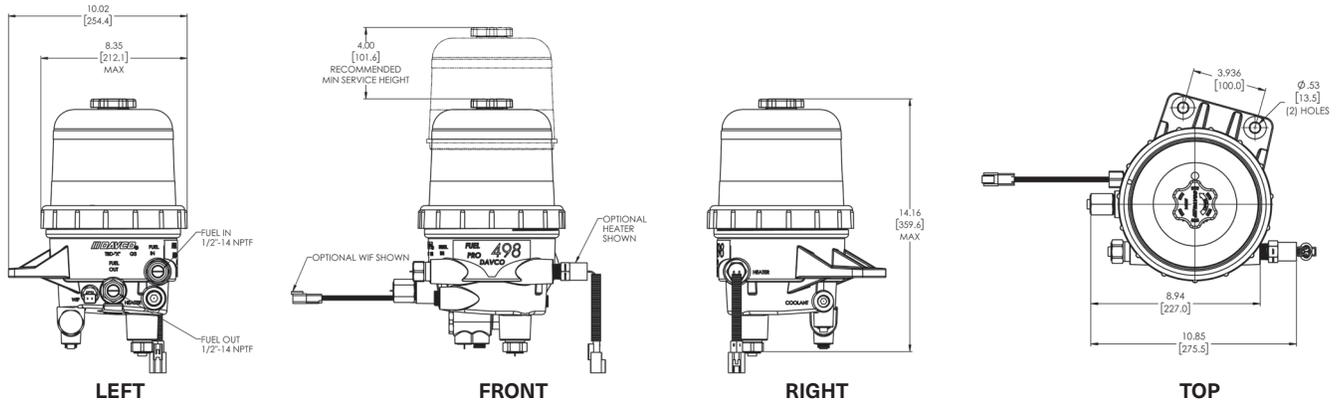
Emulsified water removal (%)	99.9%
Dirt holding capacity (grams)	265

Port Interface

Fuel In	½"-14 NPTF
Fuel Out	½"-14 NPTF
Coolant Connections	⅜"-18 NPTF

Dimensions

Mounting Hole Distance: 3.936 in. [100 mm]
 Mounting Hole Openings: .53 in. [13.5 mm]



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.

DAVCO Technology, LLC

All statements are based on OEM fuel quality requirements. Contact your DAVCO RSM for OEM specific warranties.

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