

The FUEL PRO® 394 is an all-in-one fuel filter, water separator, and fuel pre-heater for industrial heavy duty diesel engines, including power generation, oil and gas, and mining. It features a single stage filter with flow rates up to 180 gph when in isolated mode or 360 gph when in dual mode.

The Fuel Pro® 394 has a duplexing configuration, allowing users to operate it in isolation mode or dual mode and enables continuous operations during filter changes. It is similar to the DAVCO Industrial Pro® 682 Short Duplex but with a more compact design to fit into applications that have a smaller footprint.

DAVCO's Seeing is Believing® clear cover provides enhanced fuel system troubleshooting with a clear line of sight to engine health and when to change the fuel filter.

Applications

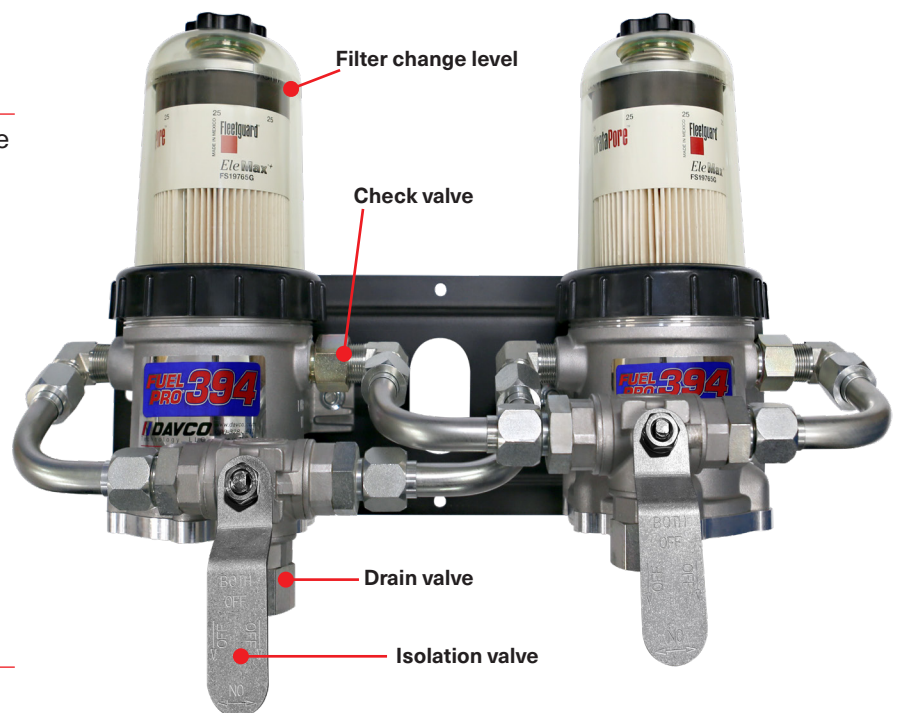
- Industrial heavy duty diesel with flow rates up to 180 gph when in isolated mode or 360 gph when in dual mode

Features & Benefits

- Seeing is Believing® - see when NOT to change your filter
- Duplexing feature to support continuous run time operation
- Clear bottom bowl for visual water and contamination indication
- Reduce maintenance and downtime
- Extends service intervals
- Zero prime loss check valve
- Competitive lead times
- Mounting bracket for easy installation
- 25 Micron filter for longer life

Options

- Coolant heat/return fuel heat
- Electric heat
 - 12VDC or 24VDC Pre-heater
 - 120VAC Overnight heater
- Water-In-Fuel (WIF) sensor
- Priming pump



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FUEL PRO® 394

Specifications

Height, overall (unheated)	20.12 in. (511.1 mm)
Depth, overall	12.10 in. (307.34 mm)
Width, max.	24.30 in. (617.2 mm)
Weight, dry	Approx. 50 lbs
Filter service clearance, min.	1.5 in. (38.1 mm)
Fuel flow, max.	360 gph when in dual mode
Pre-heater	12VDC, 150W 24VDC, 135W
Overnight heater	120VAC, 95 W, .65 A

Filtration Performance (100 GPH)

Micron	Coarse water removal (%)	Emulsified water removal (%)	Dirt holding capacity (grams)
25	99.6	>95	110

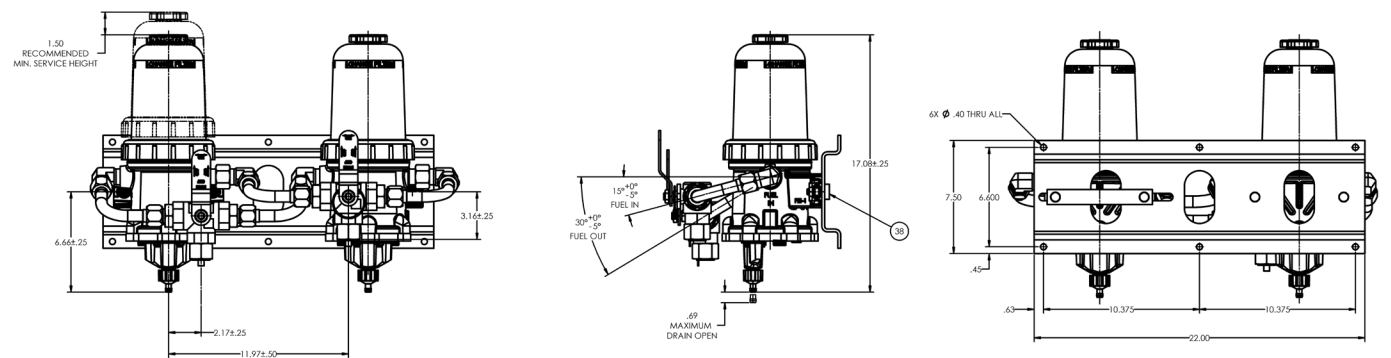
Dirt holding capacity is per filter and the Fuel Pro® 394 has two filters.

Port Interface

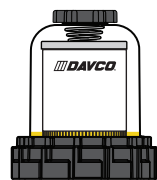
Fuel-in	3/4"-14 NPTF
Fuel-out	3/4"-14 NPTF

Dimensions

Dimensions are in inches [millimeters]
Mounting hole distance: 10.375 [263.53]
Mounting hole openings: 0.40 [10.16]



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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