

FUEL PRO® 485

PRODUCT DATA SHEET

The **FUEL PRO® 485** 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.

With an optional pre-heater, overnight heater, and water-in-fuel sensor, the Fuel Pro® 485 will keep the engine running in any weather conditions.

Three layer filter design, with filtration to 10 microns, provides enhanced water separation capabilities for ultra-low sulfur diesel fuel with low interfacial tension.

Applications

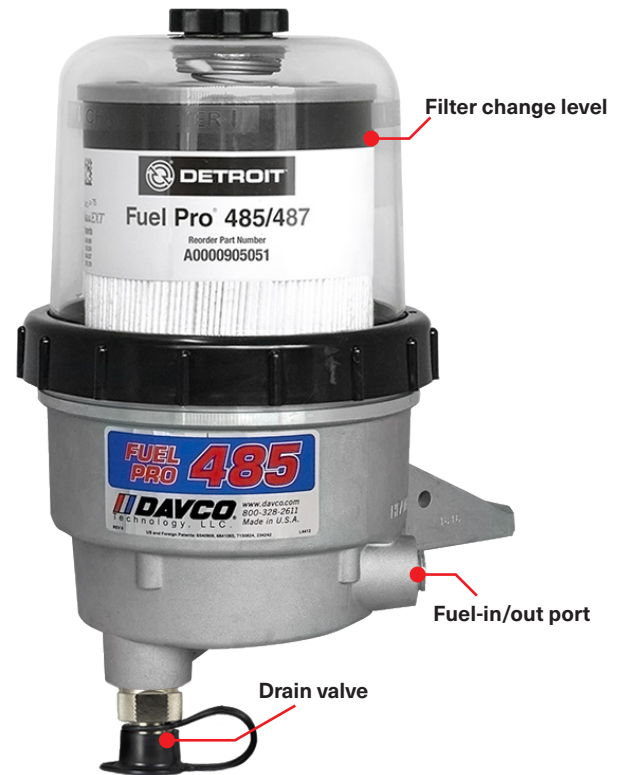
- Detroit DD13, DD15, DD16
- Cummins X15
- New Cascadia

Options

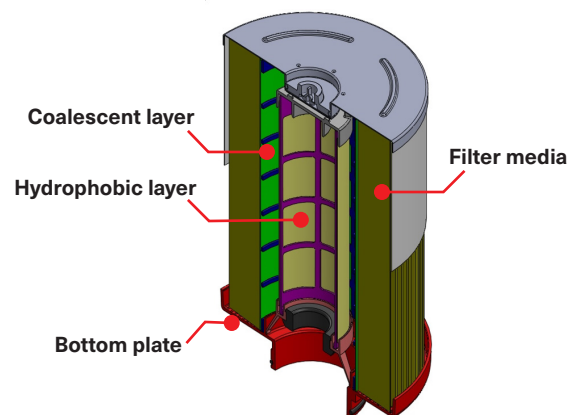
- Base model: unheated
- Electric heat
 - 12VDC or 24VDC Pre-heater
 - 120VAC Overnight heater
- Water-In-Fuel (WIF) sensor

Benefits

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



Filter Technology



A **Clariance Technologies** Company

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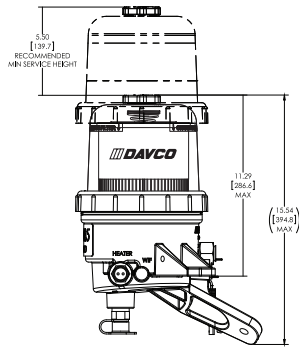
F3518 REV G | Updated on 05/05/2026

FUEL PRO® 485

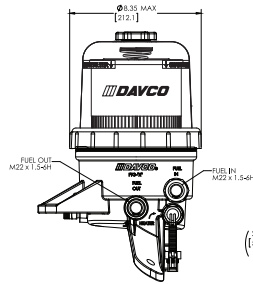
Specifications

Height, overall, unheated model	15.54 in. (394.8 mm)
Depth, overall	10.34 in. (262.63 mm)
Width, maximum	11.62 in. (295.14 mm)
Weight, dry	Approx. 11 lbs
Minimum service height	5.5 in. (139.7 mm)
Max fuel flow	180 gph
Pre-heater	12VDC (150W) or 24VDC (135W)
Overnight heater	120VAC, 75W, .65A

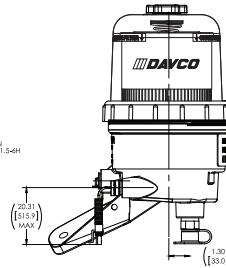
Dimensions



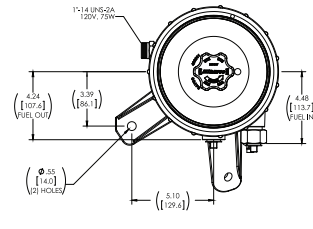
LEFT



FRONT



RIGHT



TOP

Mounting hole distance: 3.963 in. [99.9 mm]
Mounting hole openings: .531 in. [13.05 mm]

Filtration Performance (10 micron at 174 GPH)

Micron	10
Coarse water removal (%)	>99%
Emulsified water removal (%)	>93%
% Emulsified water removal (end of life filter)	>80%
Dirt holding capacity (grams)	150

Port Interface

Fuel-in	M22 x 1.5-6H
Fuel-out	M22 x 1.5-6H

SALES CODES

New Cascadia

Sales Codes	DAVCO Part #	Description
122-1J3	485950FTL-08	Fuel Pro 485
122-1J4	485952FTL-08	Fuel Pro 485 w/12V Pre Heater
122-1J5	485962FTL-08	Fuel Pro 485 w/12V Pre Heater and 120V Overnight Heater
122-1J6	485950FTLE-08	Fuel Pro 485 w/Black Band, Red Stripe Cover
122-1J7	485952FTLE-08	Fuel Pro 485 w/ 12V Pre Heater and Black Band, Red Stripe Cover
122-1J8	485962FTLE-08	Fuel Pro 485 w/12V Pre Heater, 120V Overnight Heater and Black Band, Red Stripe Cover

New Cascadia with Cummins Engine

Sales Codes	DAVCO Part #	Description
122-1J9	486951FTL-08	Fuel Pro 486 w/ Water-In-Fuel Sensor (WIF)
122-1K0	486953FTL-08	Fuel Pro 486 w/12V Pre Heater and Water-In-Fuel Sensor (WIF)
122-1K1	486963FTL-08	Fuel Pro 486 w/12V Pre Heater, 120V Overnight heater, and Water-In-Fuel Sensor (WIF)

Replacement Filter:

Fleetguard part number: FS20083

Detroit Diesel part number: A0000905051

DAVCO Technology, LLC

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

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