

FUEL PRO® 487

PRODUCT DATA SHEET

The **FUEL PRO® 487** 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® 487 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

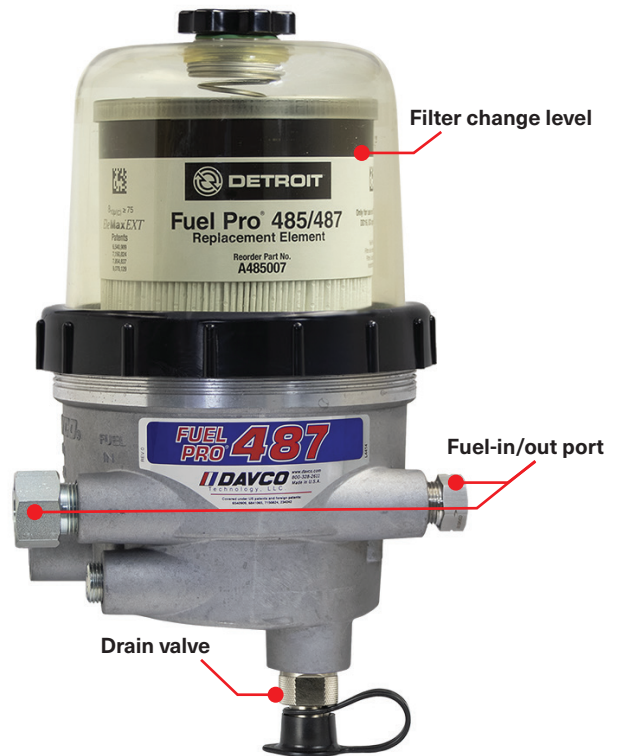
- Detroit DD13, DD15, DD16
- All Freightliner/Western Star Chassis except Cascadia NGC

Options

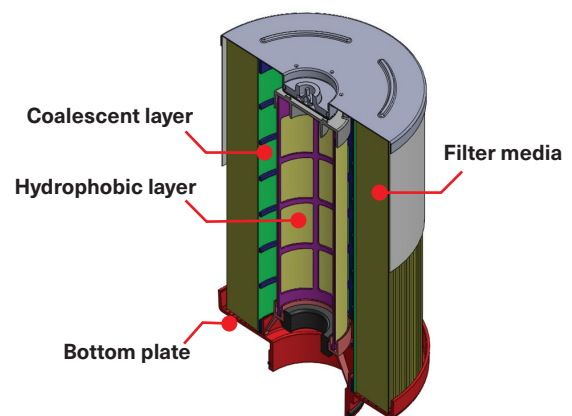
- Base model: unheated
- Electric heat
 - 12VDC or 24VDC Pre-heater
 - 120VAC Overnight heater
- Water-In-Fuel (WIF) sensor (standard when used with Cummins X15 Engines)

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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FUEL PRO® 487

Specifications

Height, overall, unheated model	14.68 in. (372.87 mm)
Depth, overall	9.92 in. (252 mm)
Width, maximum	8.35 in. (212.1 mm)
Weight, dry	Approx. 11 lbs
Minimum service height	4 in. (101.6 mm)
Max fuel flow	180 gph
Pre-heater	12VDC (150W) or 24VDC (135W)
Overnight heater	120VAC, 75W, .65A

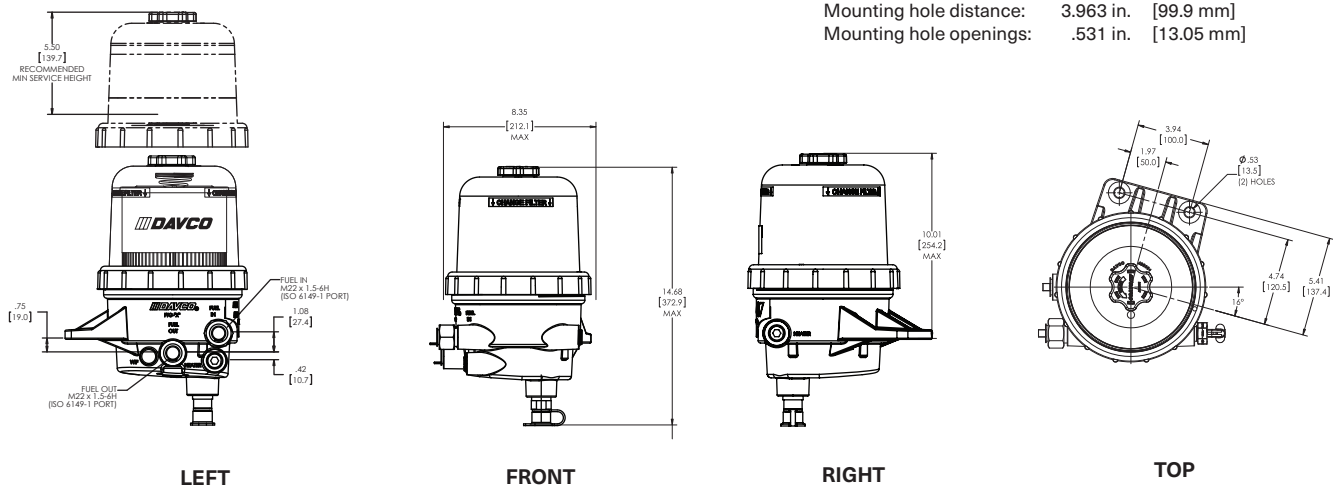
Filtration Performance (10 micron at 174 GPH)

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	½"-14 NPTF
Fuel-out	½"-14 NPTF

Dimensions



SALES CODES		
Detroit Engines		
Sales Codes	DAVCO Part #	Description
122-1K3	487950FTL-08	Fuel Pro 487
122-1K4	487952FTL-08	Fuel Pro 487 with 195W 12VDC Pre-heater
122-1K5	487962FTL-08	Fuel Pro 487 with 195W 12VDC Pre-heater and 120VAC Overnight heater
122-1K6	487950FTLE-08	Fuel Pro 487 with Black Band, Red Stripe Cover
122-1K7	487952FTLE-08	Fuel Pro 487 with 195W 12VDC Pre-heater and Black Band, Red Stripe Cover
122-1K8	487962FTLE-08	Fuel Pro 487 with 195W 12VDC Pre-heater, 120VAC Overnight heater, and Black Band, Red Stripe Cover

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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