FUEL PRO® 499

INTERNATIONAL®

The **FUEL PRO® 499** is an all-in-one fuel filter, water separator, and fuel preheater for heavy duty on-highway diesel engines with flow rates up to 180 gallons per hour. The Fuel Pro® 499, with an optional return fuel heat, 12VDC pre-heater, 120V overnight heater, and water-in-fuel sensor will keep the engine running in any weather conditions.

The 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

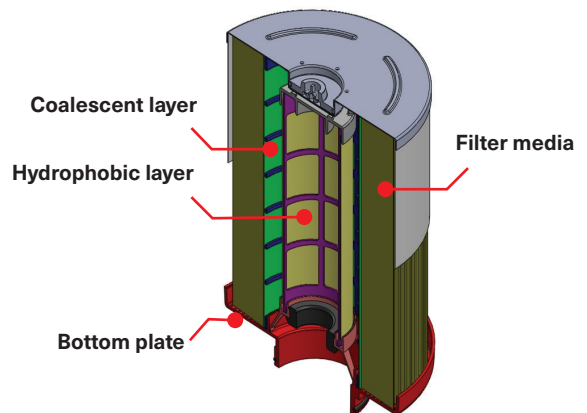- Heavy duty diesel with flow rates up to 180 gph

Options

- Base model: unheated
- Electric heat options:
  - 12VDC Pre-heater
  - 120VAC Overnight heater
- Water-In-Fuel (WIF) sensor
- Fluid heat option: return fuel

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 change level

Fuel-in port

Fuel-out port

Drain valve

Filter Technology

Coalescent layer

Hydrophobic layer

Filter media

Bottom plate

DAVCO®

A **Clarience Technologies** Company

FUEL PRO® 499

Specifications

Height, overall, unheated model	15.07 in. (382.8 mm)
Depth, overall	8.85 in. (224.8 mm)
Width, maximum	9.0 in. (228.6 mm)
Weight, dry	Approx. 15 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

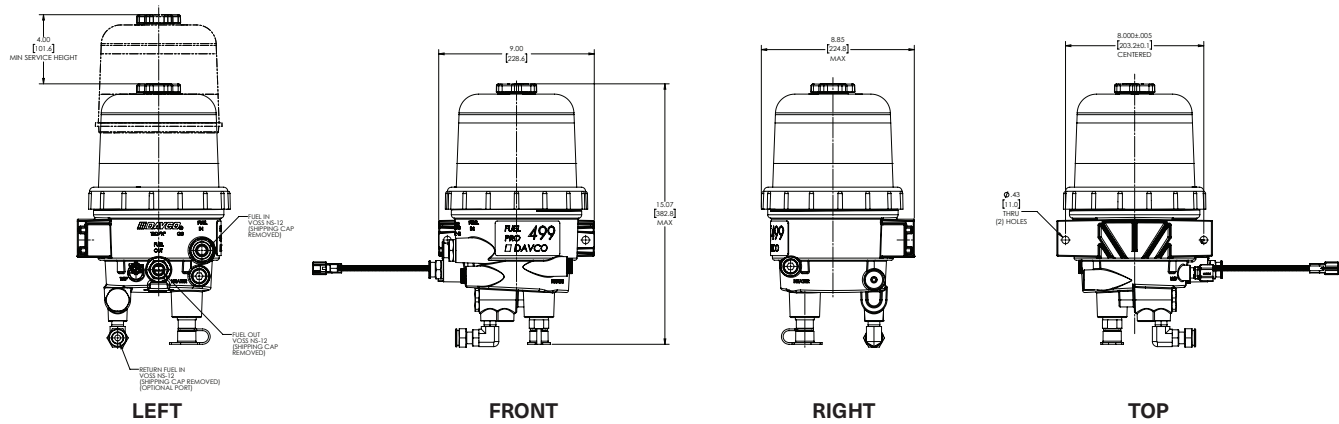## Filtration Performance (10 micron at 174 GPH)

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	VOSS NS-12
Fuel-out	VOSS NS-12

Dimensions

Mounting hole distance: 8.0 in. [203 mm]
Mounting hole openings: 0.43 in. [11.0 mm]

LEFT   FRONT   RIGHT   TOP

SALES CODES		
International S13 Engine		
Sales Codes	**DAVCO Part #**	**Description**
15LNV	499111NAVRE-10	Fuel Pro® 499 includes water-in-fuel sensor
15LNW	499113NAVRE-10	Fuel Pro® 499 12VDC electric heater, includes water-in-fuel sensor
15LNX	499123NAVRE-10	Fuel Pro® 499 120 VAC plug-in electric heater, 12VDC electric heater, includes water-in-fuel sensor
Cummins X15 Engine		
Sales Codes	**DAVCO Part #**	**Description**
15LNV	499151NAVRE-10	Fuel Pro® 499 includes water-in-fuel sensor
15LNW	499153NAVRE-10	Fuel Pro® 499 12VDC electric heater, includes water-in-fuel sensor
15LNX	499161NAVRE-10	Fuel Pro® 499 120 VAC plug-in electric heater, includes water-in-fuel sensor
15LNY	499163NAVRE-10	Fuel Pro® 499 120 VAC plug-in electric heater, 12VDC electric heater, includes water-in-fuel sensor

Replacement filters:
- Fleetguard part number: FS20386
- Navistar part number: 2525984C1

DAVCO Technology, LLC

All statements based on manufacturers fuel quality requirements. Please reach out to your DAVCO RSM for fleet specific guarantees.