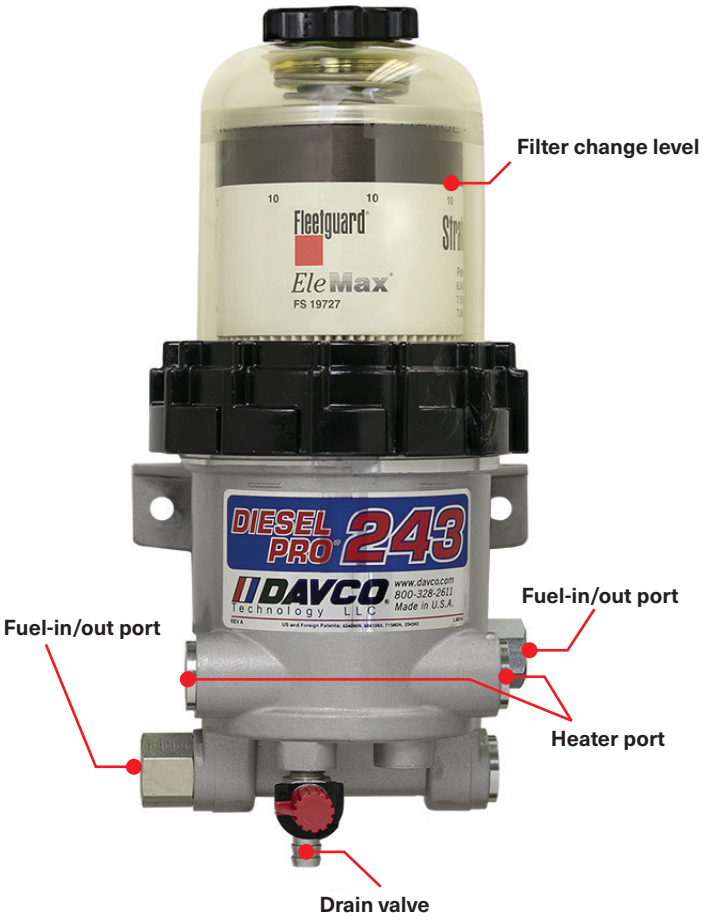
DIESEL PRO® 243

PRODUCT DATA SHEET

The DIESEL PRO® 243 is an all-in-one fuel filter, water separator, and fuel pre-heater for medium duty diesel engines with flow rates up to 60 gallons per hour.

The Diesel Pro® 243, with an optional pre-heater or overnight heater and water-in-fuel sensor, will keep the engine running in any weather conditions.

Seeing is Believing® functionality and the clear cover on top provides enhanced fuel system troubleshooting and a clear indication of when to change the fuel filter.



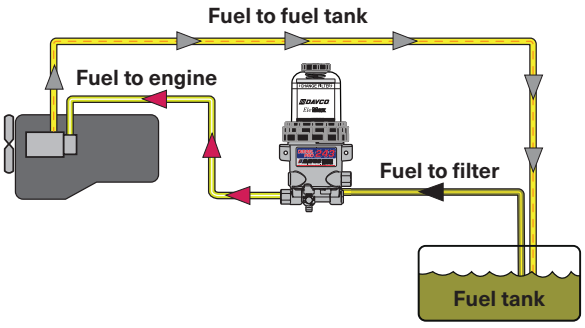
Applications

- Diesel engines with flow rates up to 60 gph

Options

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

Typical Installation



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

DAVCO®

A **Clarience Technologies** Company

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Specifications

Height, overall	13 in. (330.2 mm)
Depth, overall	5.8 in. (147.3 mm)
Width, maximum	6.3 in. (160.0 mm)
Weight, dry	7.7-8.5 lbs.
Filter service clearance, minimum	3.5 in. (88.9 mm)
Fuel flow, maximum	60 gph
Electric pre-heater	12VDC 195W or 12VDC 155W
Overnight heater	120VAC, 75 W, .65 A

Filtration Performance

Micron	7
Coarse water removal (%)	99.6
Emulsified water removal (%)	98.9
Dirt holding capacity (grams)	118

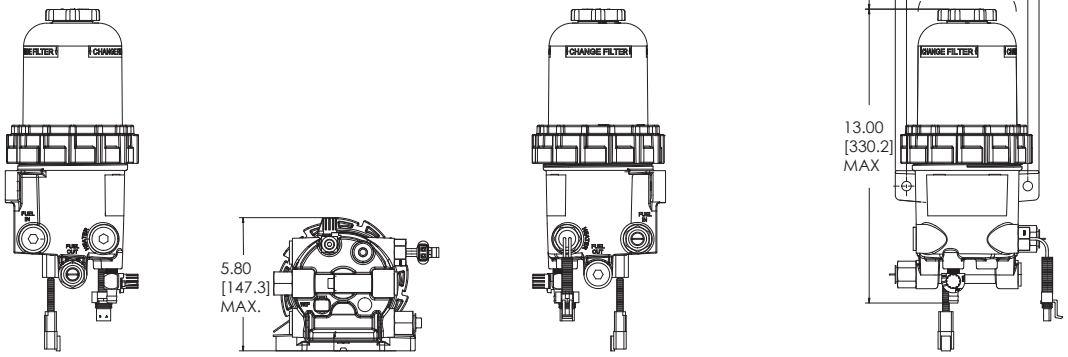
Port Interface

Fuel-in	½"-14 NPTF
Fuel-out	½"-14 NPTF

Dimensions

Dimensions are in inches [millimeters]

Mounting hole distance: 5.25 [133.4]
Mounting hole openings: .400 -.408. [10.16-10.36]



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.

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